

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092019\
 Data File : VX012592.D
 Acq On : 21 Sep 2019 05:35
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/23/2019 11:29:17 AM

Quant Time: Sep 21 06:56:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	174516	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	290124	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	264738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	128108	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	123859	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
35) Dibromofluoromethane	5.49	113	91254	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
50) Toluene-d8	8.71	98	334019	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
62) 4-Bromofluorobenzene	11.14	95	137119	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	51451	44.235	ug/l	96
3) Chloromethane	1.32	50	45146	47.055	ug/l	99
4) Vinyl Chloride	1.40	62	50158	48.369	ug/l	99
5) Bromomethane	1.62	94	14033	34.445	ug/l	96
6) Chloroethane	1.71	64	36425	44.887	ug/l	96
7) Trichlorofluoromethane	1.92	101	95339	50.154	ug/l	97
8) Diethyl Ether	2.18	74	41120	47.892	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	66116	48.071	ug/l	98
10) Methyl Iodide	2.50	142	31489	28.751	ug/l	97
11) Tert butyl alcohol	3.03	59	151120	237.974	ug/l	100
12) 1,1-Dichloroethene	2.36	96	55325	50.424	ug/l	94
13) Acrolein	2.28	56	43773	198.964	ug/l	100
14) Allyl chloride	2.72	41	120926	47.340	ug/l	99
15) Acrylonitrile	3.13	53	270334	249.420	ug/l	99
16) Acetone	2.44	43	253849	221.204	ug/l	99
17) Carbon Disulfide	2.56	76	63320	41.139	ug/l	98
18) Methyl Acetate	2.76	43	133373	51.173	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	301954	50.475	ug/l	97
20) Methylene Chloride	2.85	84	74828	49.434	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	57947	50.859	ug/l	99
22) Diisopropyl ether	3.84	45	300126	50.180	ug/l	97
23) Vinyl Acetate	3.80	43	1238001	251.627	ug/l	99
24) 1,1-Dichloroethane	3.69	63	145923	50.992	ug/l	99
25) 2-Butanone	4.66	43	396806	228.711	ug/l	100
26) 2,2-Dichloropropane	4.57	77	87229	30.994	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	86397	50.761	ug/l	91
28) Bromochloromethane	5.00	49	73077	49.534	ug/l	95
29) Tetrahydrofuran	5.11	42	242236	252.734	ug/l	99
30) Chloroform	5.20	83	161631	49.180	ug/l	98
31) Cyclohexane	5.57	56	84818	49.100	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	133891	48.743	ug/l	99
36) 1,1-Dichloropropene	5.79	75	87722	49.751	ug/l	98
37) Ethyl Acetate	4.82	43	141903	52.429	ug/l	99
38) Carbon Tetrachloride	5.78	117	108290	49.380	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	84756	49.446	ug/l	98
40) Benzene	6.14	78	291587	52.004	ug/l	98
41) Methacrylonitrile	5.03	41	87291	50.088	ug/l	97
42) 1,2-Dichloroethane	6.18	62	128489	49.407	ug/l	99
43) Isopropyl Acetate	6.43	43	245627	50.564	ug/l	100
44) Trichloroethene	7.21	130	77464	52.520	ug/l	99
45) 1,2-Dichloropropane	7.51	63	89060	51.700	ug/l	98
46) Dibromomethane	7.65	93	56435	50.626	ug/l	98
47) Bromodichloromethane	7.89	83	126624	51.015	ug/l	99
48) Methyl methacrylate	7.76	41	115392	50.391	ug/l	98
49) 1,4-Dioxane	7.73	88	54379	975.716	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	803639	252.265	ug/l	99
52) Toluene	8.78	92	187742	51.963	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	123746	47.961	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	129734	48.569	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	96805	52.007	ug/l	98
56) Ethyl methacrylate	9.17	69	151017	51.891	ug/l	98
57) 1,3-Dichloropropane	9.37	76	156024	52.536	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	403886	268.100	ug/l	100
59) 2-Hexanone	9.49	43	616947	248.231	ug/l	99
60) Dibromochloromethane	9.58	129	101652	53.613	ug/l	98
61) 1,2-Dibromoethane	9.67	107	89728	52.781	ug/l	99
64) Tetrachloroethene	9.33	164	72096	59.430	ug/l	94
65) Chlorobenzene	10.14	112	220325	50.424	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	93618	51.624	ug/l	98
67) Ethyl Benzene	10.25	91	383684	51.110	ug/l	100
68) m/p-Xylenes	10.35	106	285088	104.373	ug/l	98
69) o-Xylene	10.70	106	145254	51.709	ug/l	100
70) Styrene	10.71	104	261110	52.537	ug/l	99
71) Bromoform	10.85	173	70284	45.300	ug/l #	99
73) Isopropylbenzene	11.01	105	406441	50.565	ug/l	99
74) N-amyl acetate	10.89	43	220081	50.856	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	157879	50.071	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	146289m	49.712	ug/l	
77) Bromobenzene	11.25	156	100010	51.017	ug/l	99
78) n-propylbenzene	11.35	91	447268	49.925	ug/l	99
79) 2-Chlorotoluene	11.42	91	287442	49.320	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	344645	50.275	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	39310	37.498	ug/l	96
82) 4-Chlorotoluene	11.51	91	333339	49.834	ug/l	100
83) tert-Butylbenzene	11.77	119	357046	48.607	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	353923	50.283	ug/l	99
85) sec-Butylbenzene	11.94	105	404446	49.967	ug/l	99
86) p-Isopropyltoluene	12.06	119	370511	49.849	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	185370	50.269	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	191424	50.536	ug/l	98
89) n-Butylbenzene	12.39	91	311432	46.961	ug/l	99
90) Hexachloroethane	12.59	117	66284	48.637	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	196338	50.942	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	40227	49.210	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	128138	51.616	ug/l	99
94) Hexachlorobutadiene	13.78	225	51824	44.292	ug/l	98
95) Naphthalene	13.83	128	474755	53.746	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	132576	52.406	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

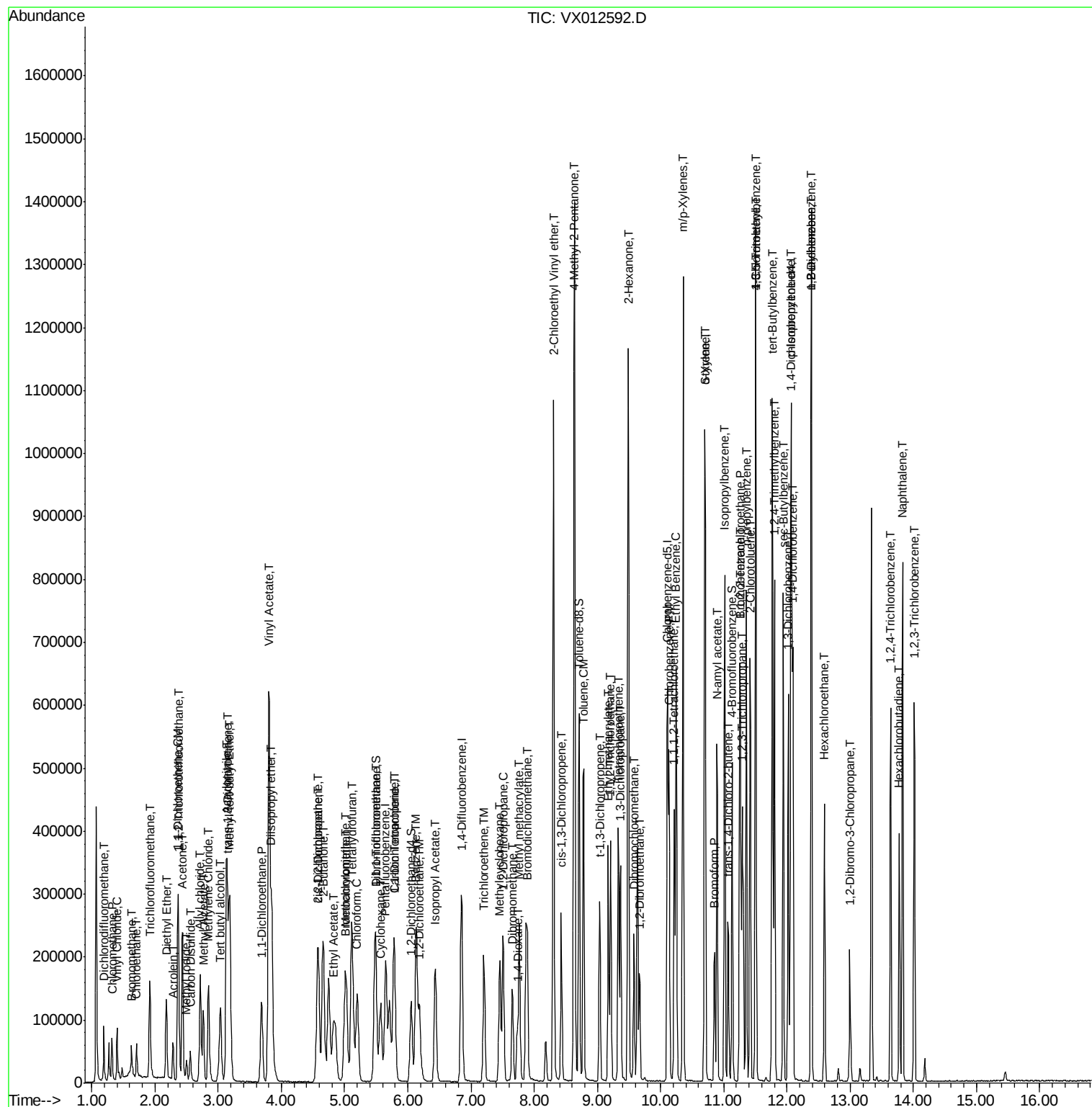
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 Data File : VX012592.D
 Acd On : 21 Sep 2019 05:35
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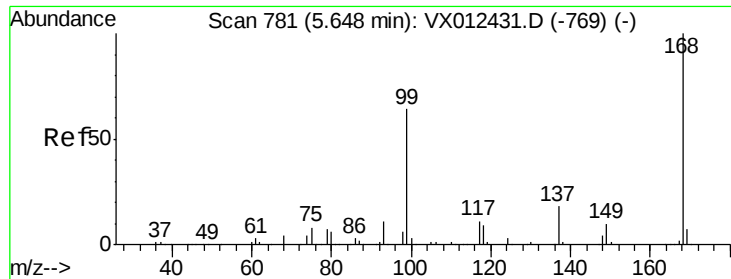
Instrument :
 MSVOA_X
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

ClientSampleID :

VSTDCCC050EC

Tot Ion:168 Resp: 174516

Ion Ratio Lower Upper

168 100

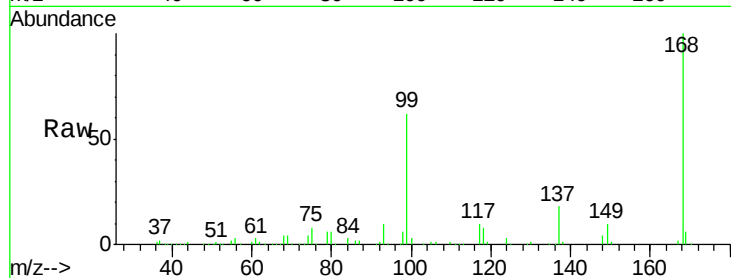
99 61.9 51.4 77.2

Manual Integrations

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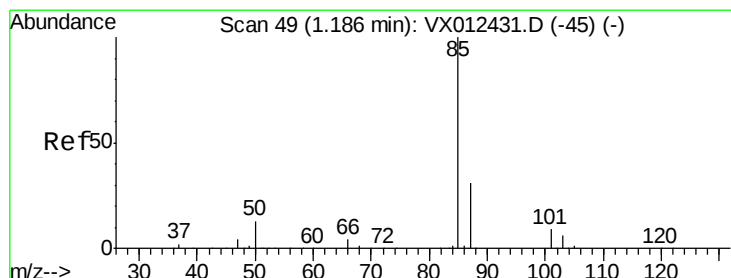
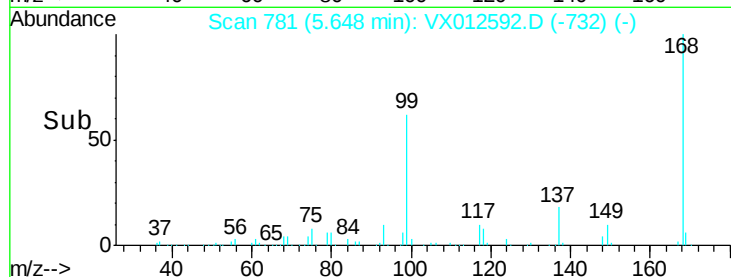
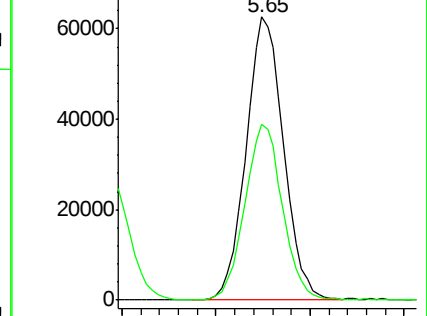
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 44.235 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012592.D

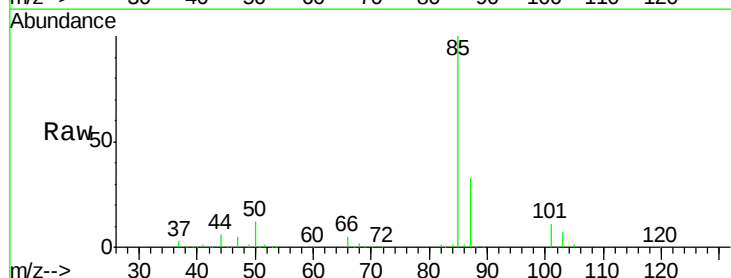
Acq: 21 Sep 2019 05:35

Tgt Ion: 85 Resp: 51451

Ion Ratio Lower Upper

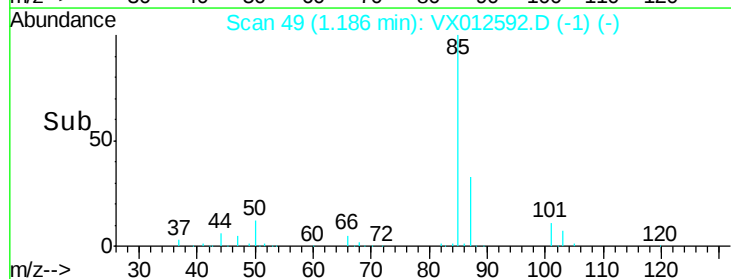
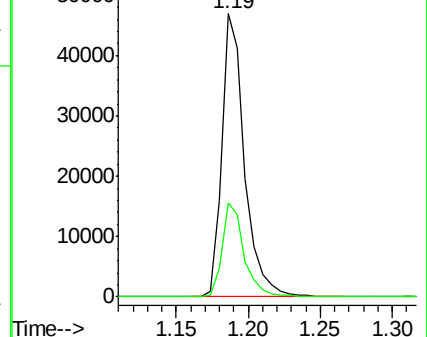
85 100

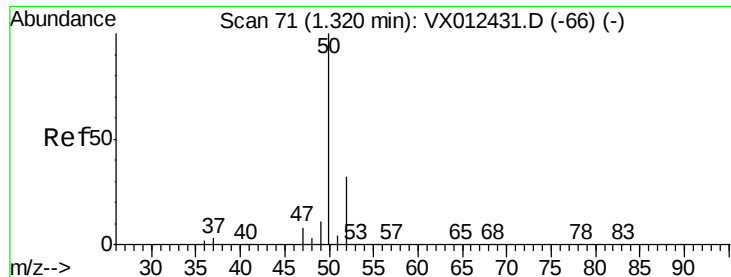
87 33.4 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.055 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 45146

Ion Ratio Lower Upper

50 100

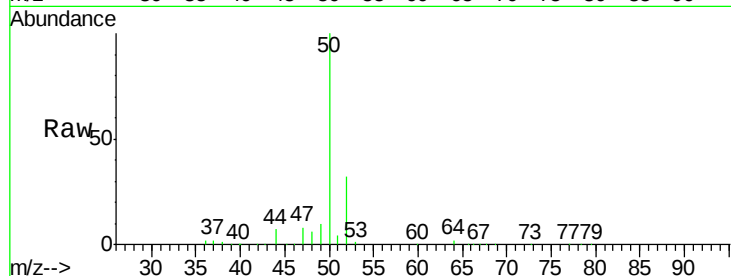
52 31.8 25.7 38.5

Manual Integrations

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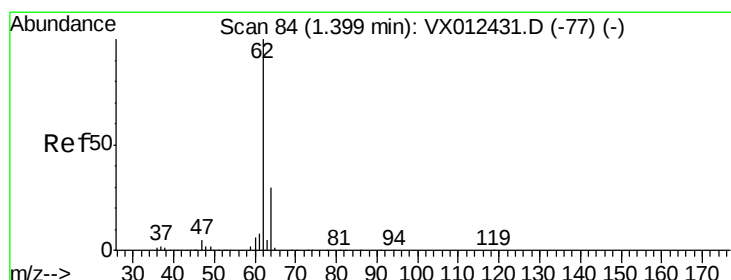
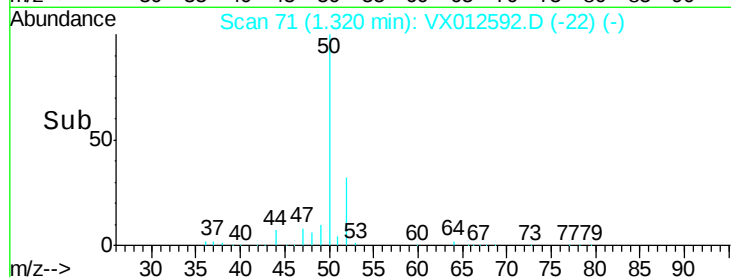
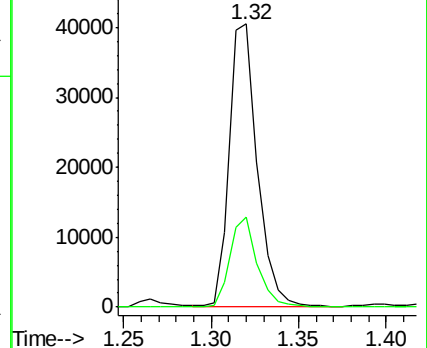
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.369 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012592.D

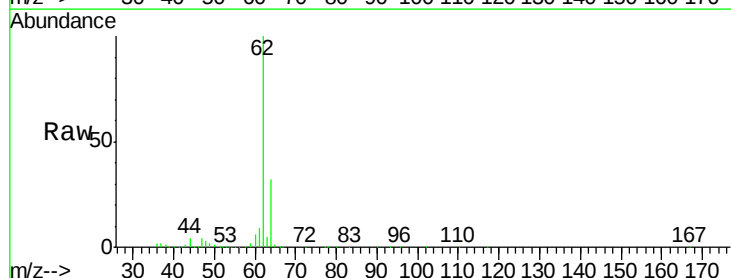
Acq: 21 Sep 2019 05:35

Tgt Ion: 62 Resp: 50158

Ion Ratio Lower Upper

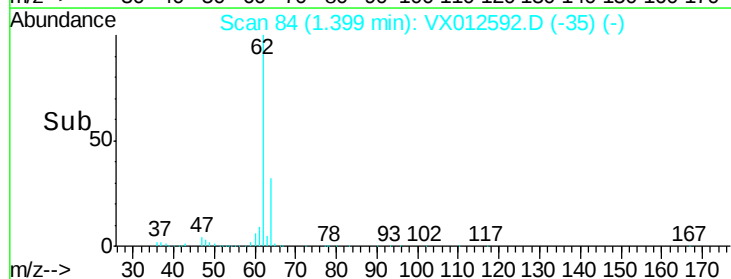
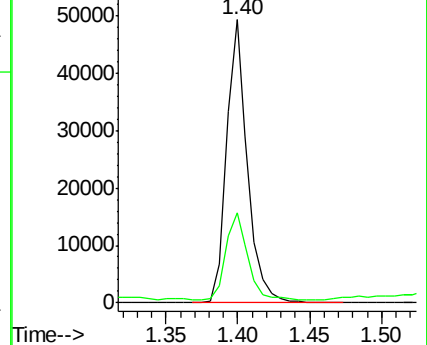
62 100

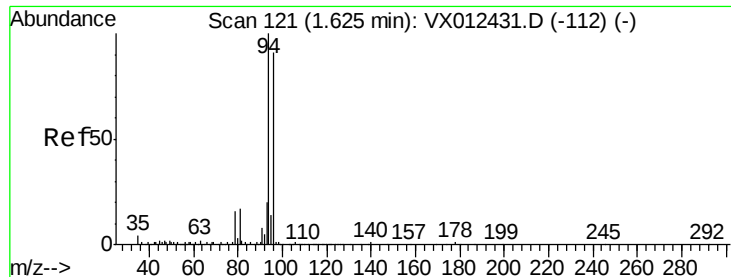
64 30.9 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 34.445 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012592.D

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Tot Ion: 94 Resp: 14033

Ion Ratio Lower Upper

94 100

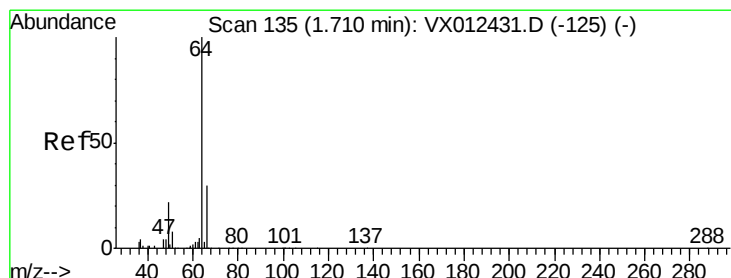
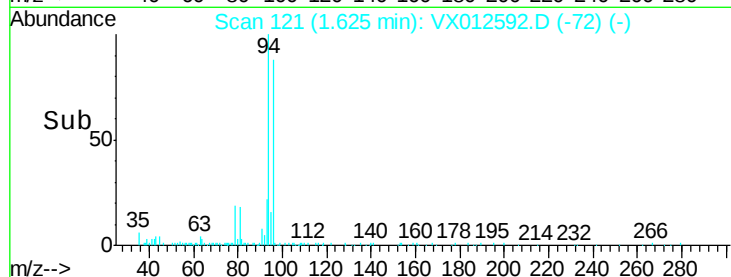
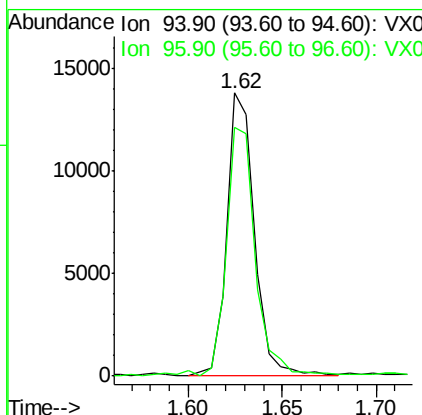
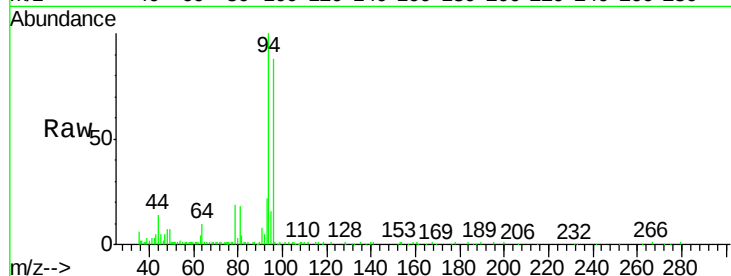
96 87.3 72.8 109.2

Manual Integrations

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#6

Chloroethane

Concen: 44.887 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

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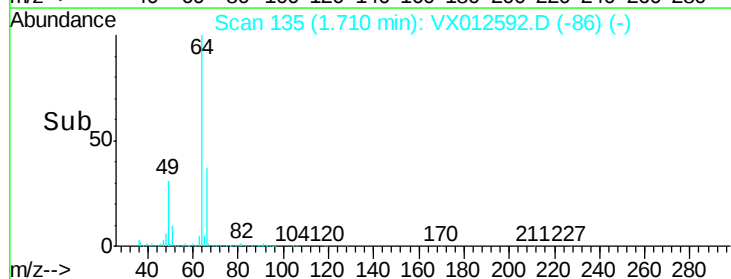
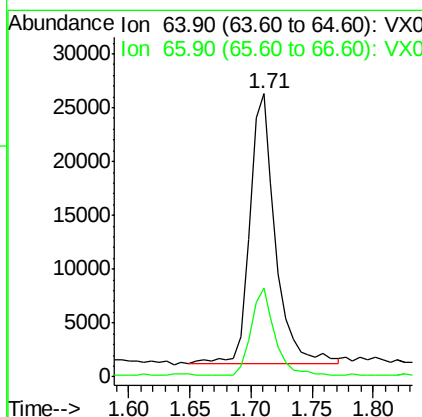
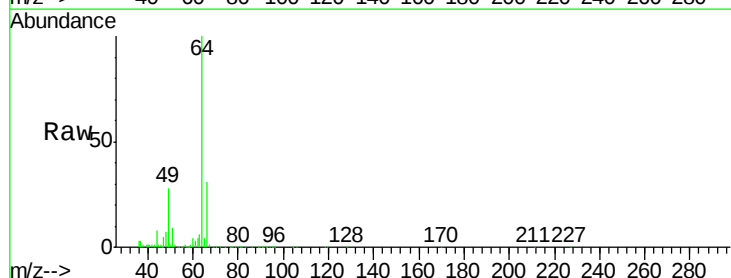
Acq: 21 Sep 2019 05:35

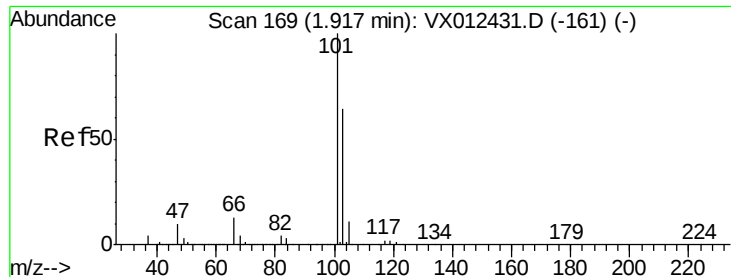
Tgt Ion: 64 Resp: 36425

Ion Ratio Lower Upper

64 100

66 32.1 24.0 36.0





#7

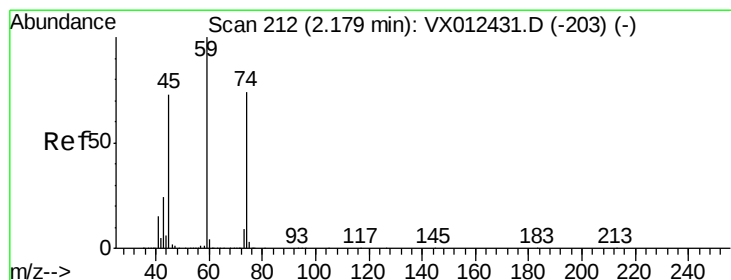
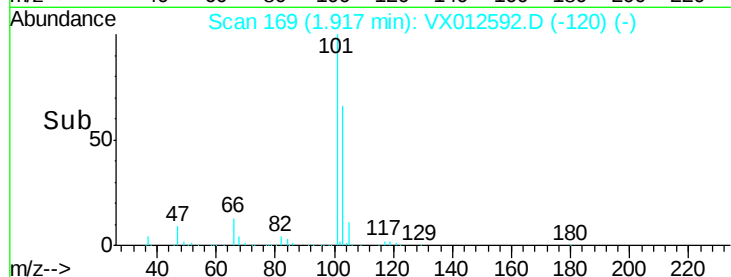
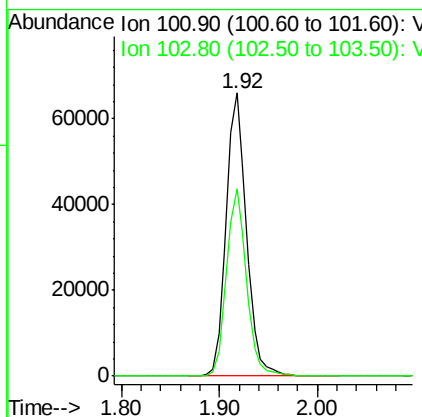
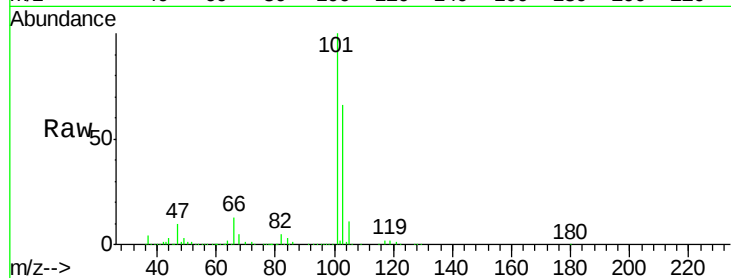
Trichlorofluoromethane
Concen: 50.154 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.0	51.0	76.4

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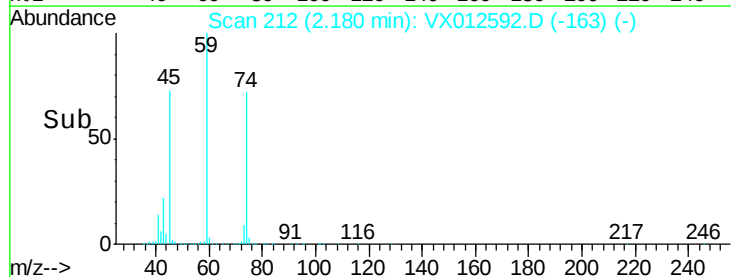
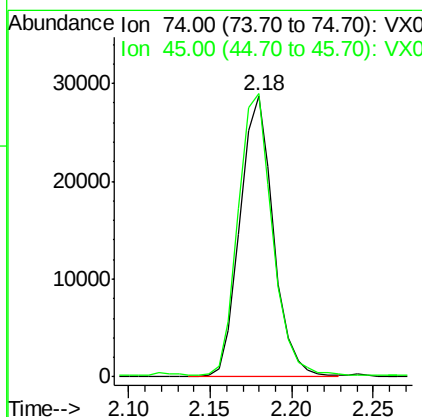
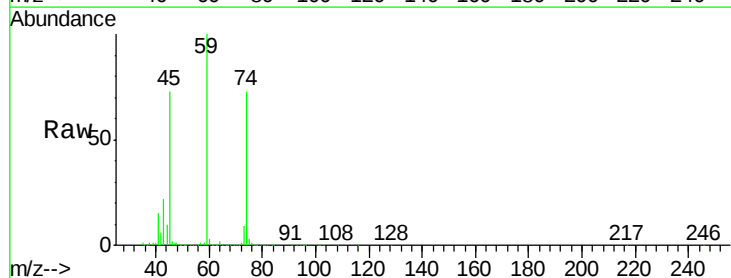
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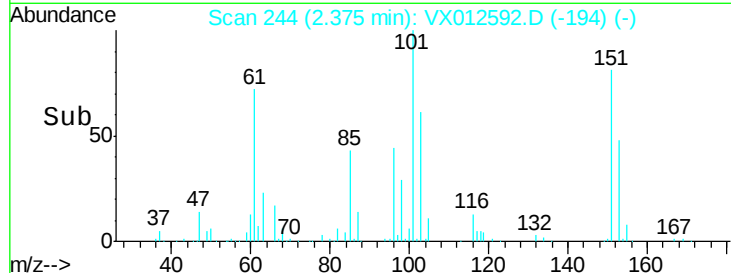
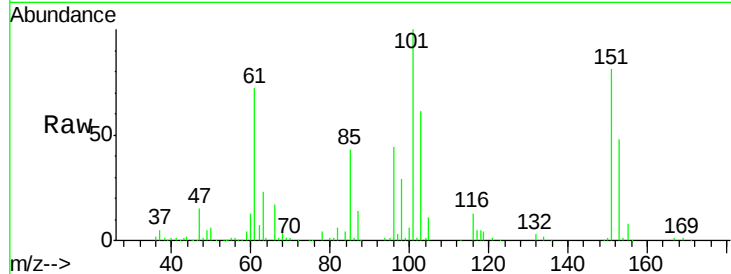
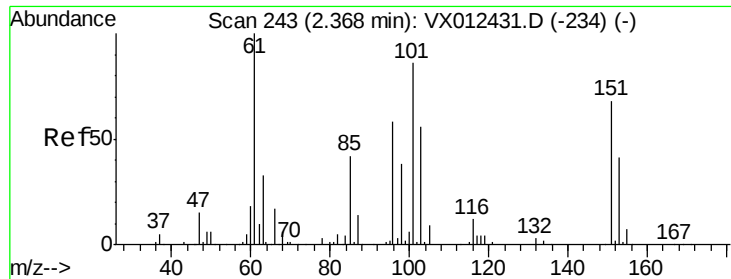


#8

Diethyl Ether
Concen: 47.892 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.8	49.9	149.7





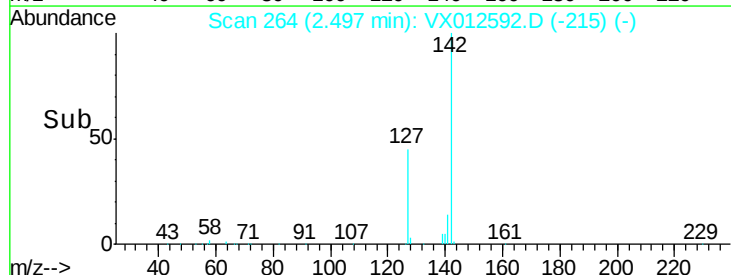
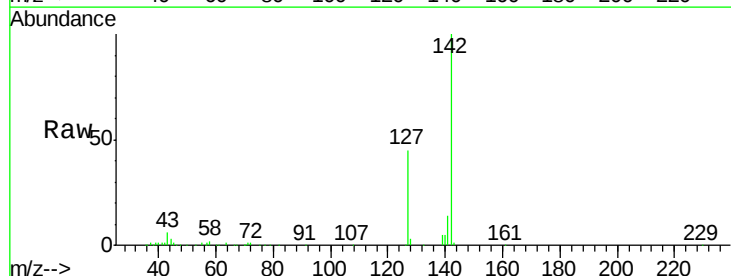
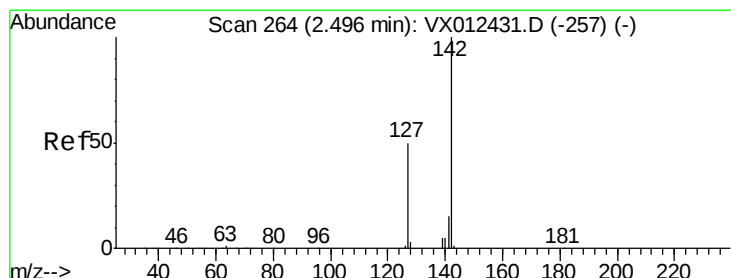
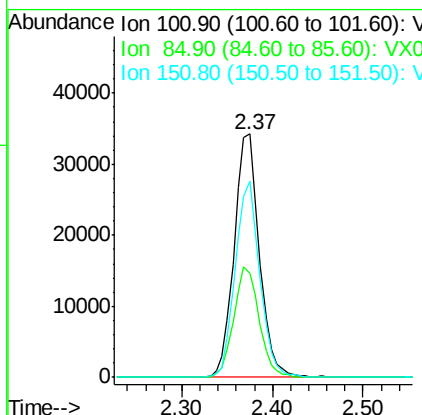
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.071 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	66116		
85	45.7	37.3	55.9	
151	78.8	61.0	91.4	

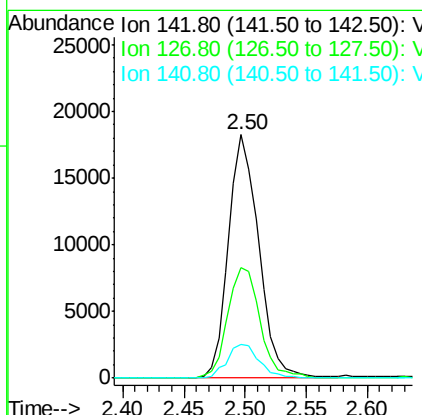
Manual Integrations
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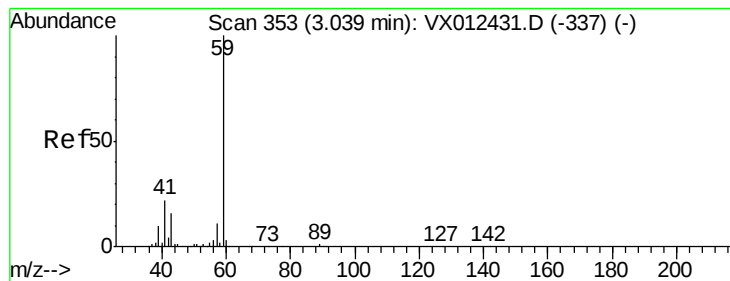
MMDadoda
9/23/2019 11:29:17 AM



#10
Methyl Iodide
Concen: 28.751 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	31489		
127	48.1	40.8	61.2	
141	14.7	12.1	18.1	





#11

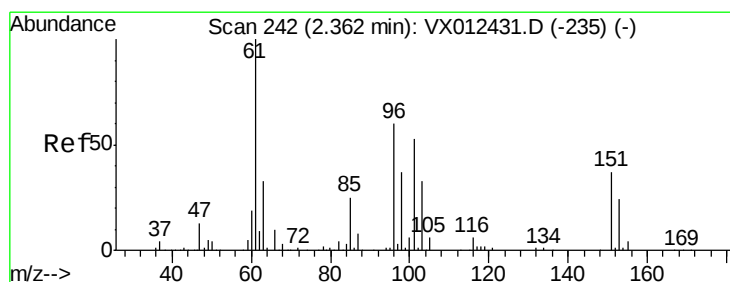
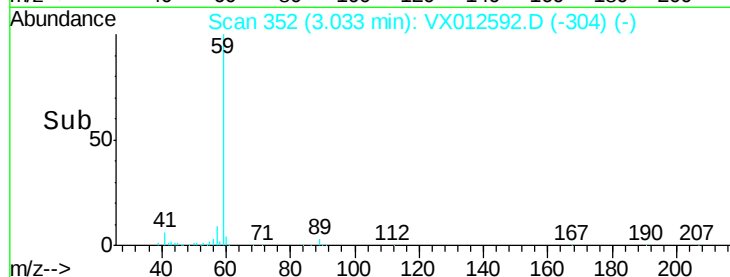
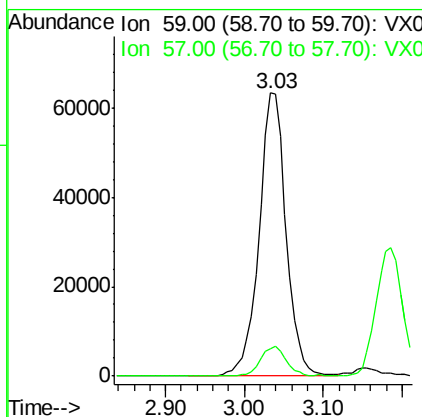
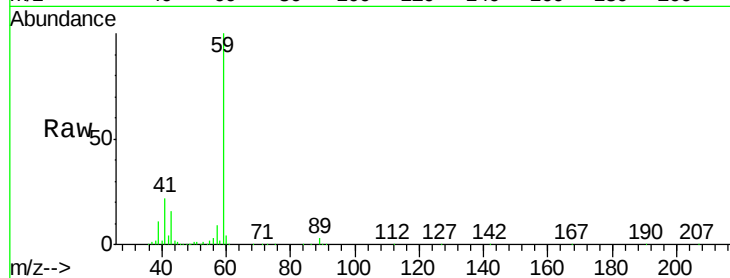
Tert butyl alcohol
 Concen: 237.974 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012592.D
 Acq: 21 Sep 2019 05:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.3	12.5

Manual Integrations
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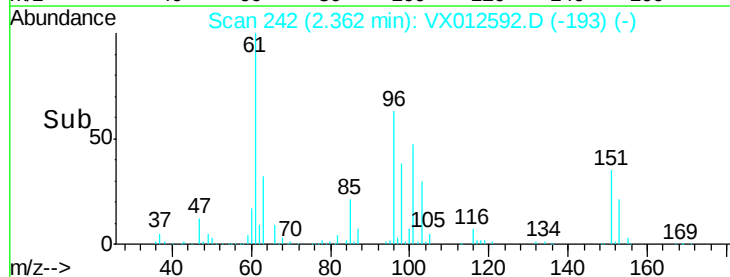
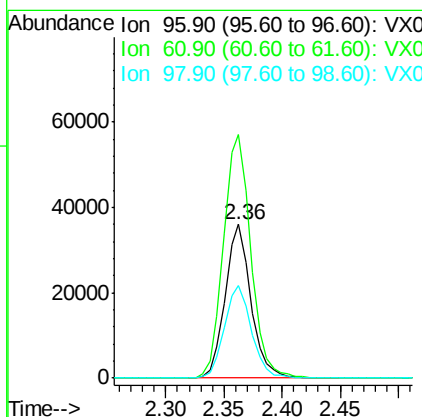
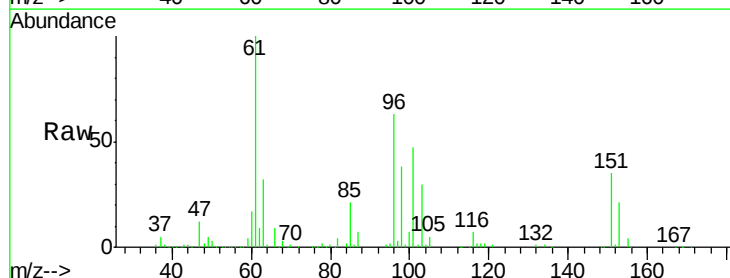
MMDadoda
 9/23/2019 11:29:17 AM

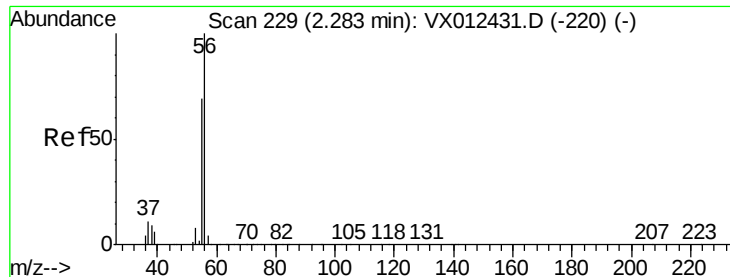


#12

1,1-Dichloroethene
 Concen: 50.424 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX012592.D
 Acq: 21 Sep 2019 05:35

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.9	133.8	200.6
98	60.0	49.9	74.9





#13

Acrolein

Concen: 198.964 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 43773

Ion Ratio Lower Upper

56 100

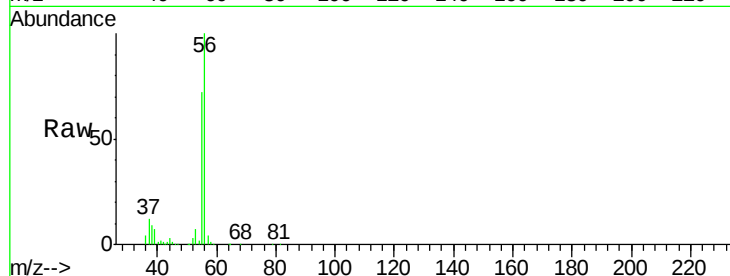
55 69.7 55.8 83.8

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

30000

25000

20000

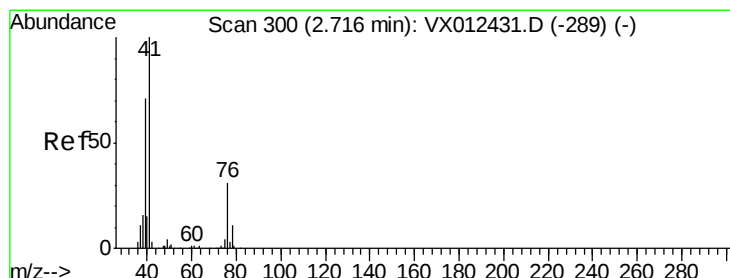
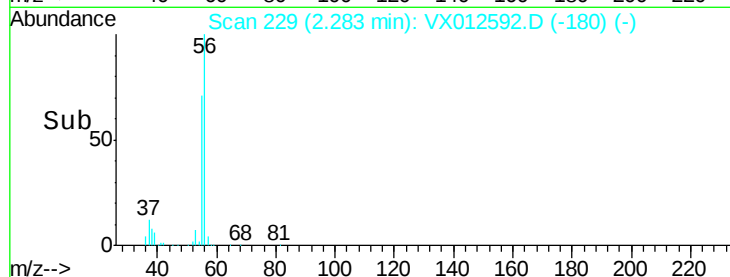
15000

10000

5000

0

Time-->



#14

Allyl chloride

Concen: 47.340 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

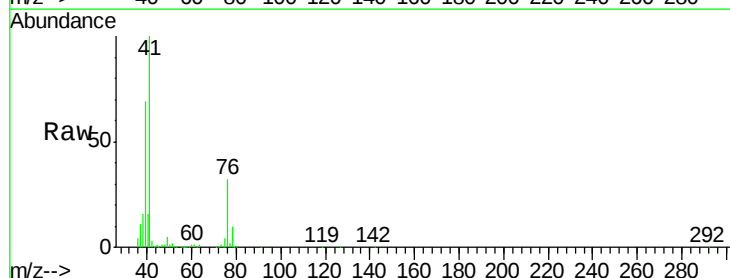
Tgt Ion: 41 Resp: 120926

Ion Ratio Lower Upper

41 100

39 63.1 51.3 76.9

76 28.5 22.6 33.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

80000

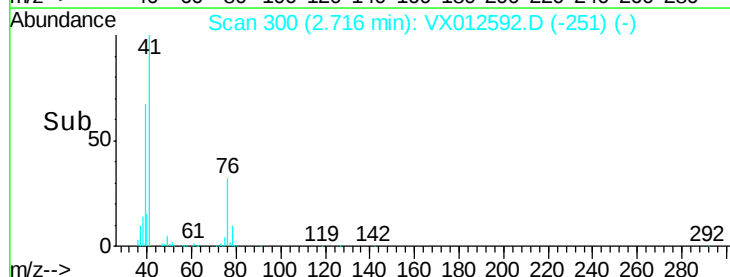
60000

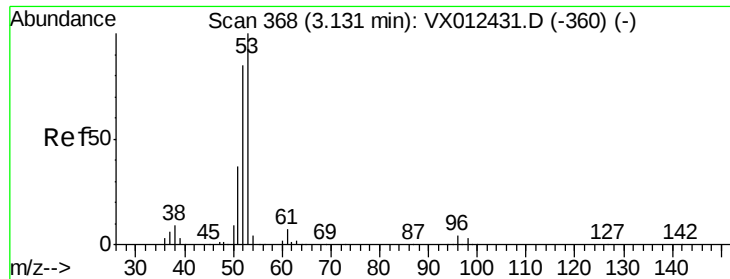
40000

20000

0

Time-->





#15

Acrylonitrile

Concen: 249.420 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

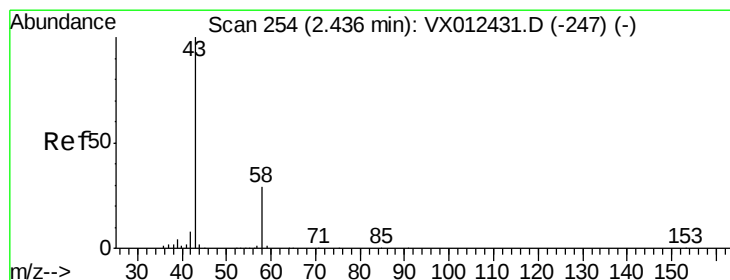
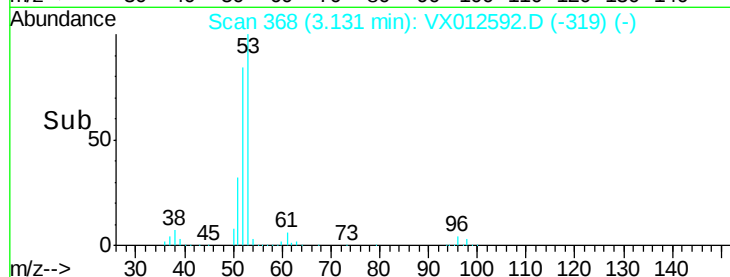
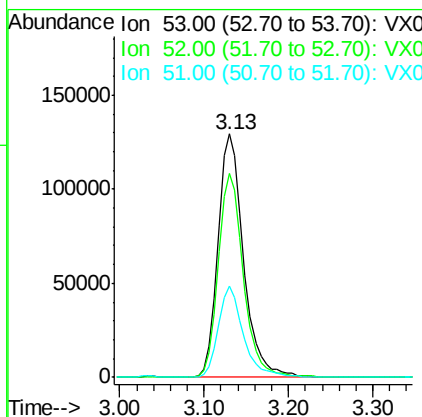
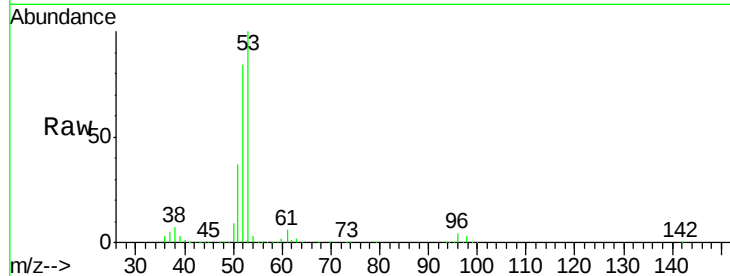
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	270334
Ion Ratio	Lower	Upper	
53	100		
52	83.2	67.0	100.4
51	36.6	29.6	44.4

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#16

Acetone

Concen: 221.204 ug/l

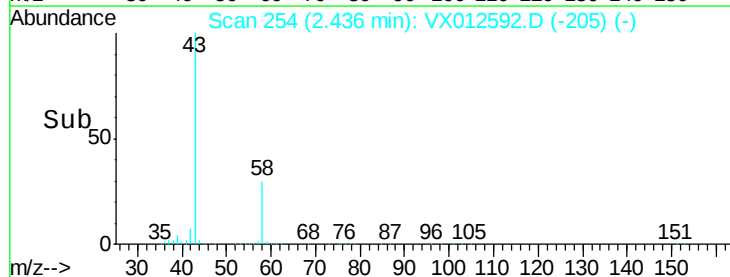
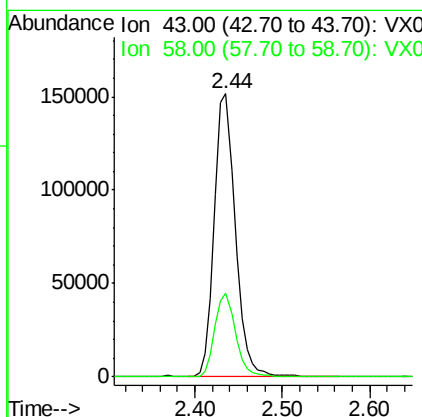
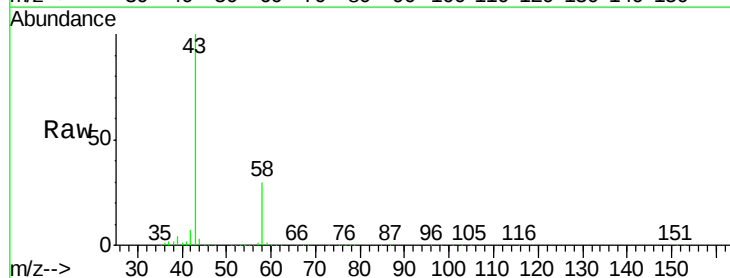
RT: 2.44 min Scan# 254

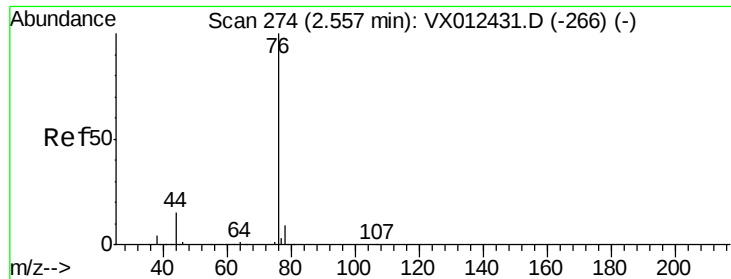
Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Tgt Ion:	43	Resp:	253849
Ion Ratio	Lower	Upper	
43	100		
58	29.6	23.3	34.9





#17

Carbon Disulfide

Concen: 41.139 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 63320

Ion Ratio Lower Upper

76 100

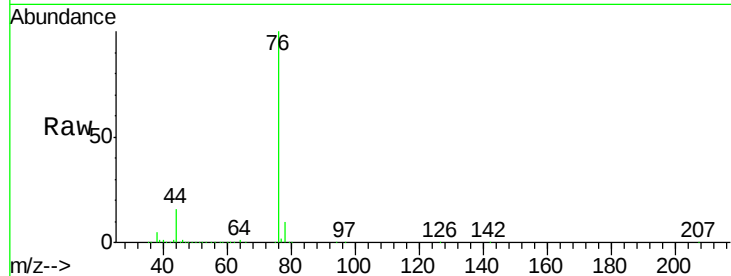
78 9.7 7.3 10.9

Manual Integrations

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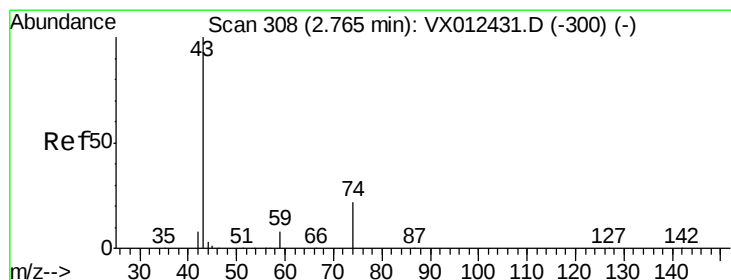
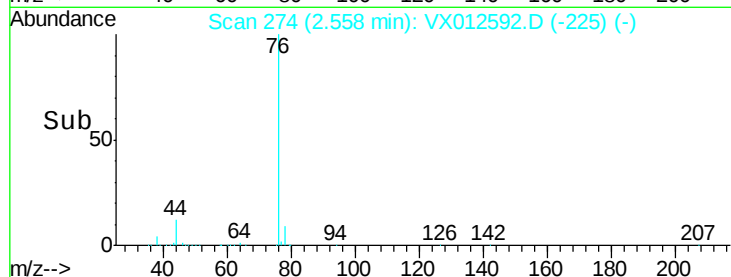
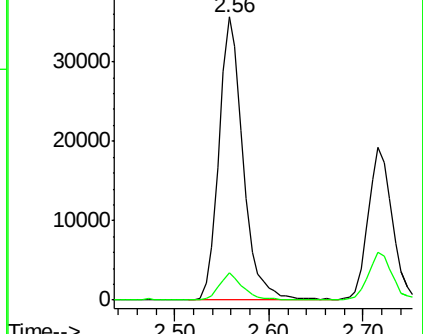
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 51.173 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012592.D

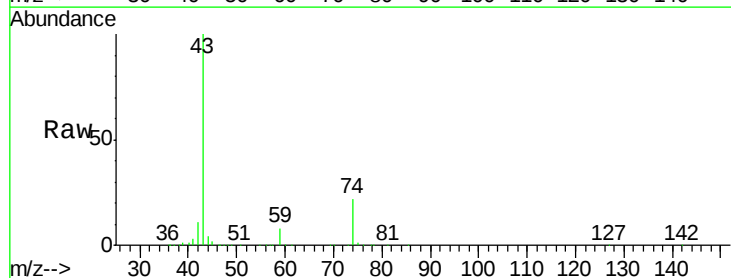
Acq: 21 Sep 2019 05:35

Tgt Ion: 43 Resp: 133373

Ion Ratio Lower Upper

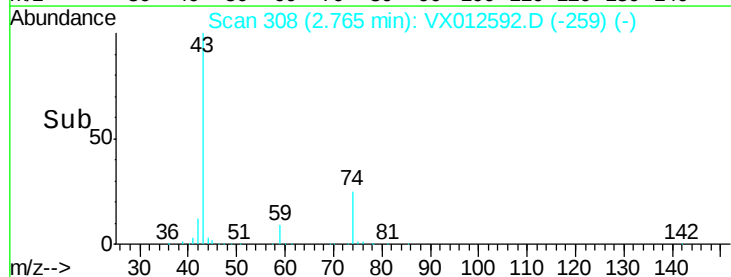
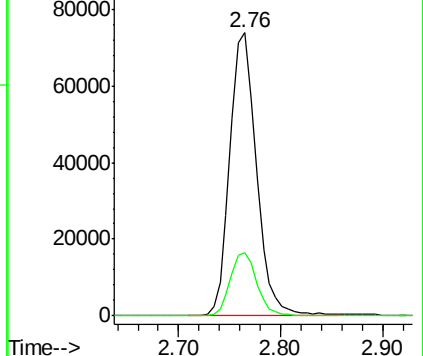
43 100

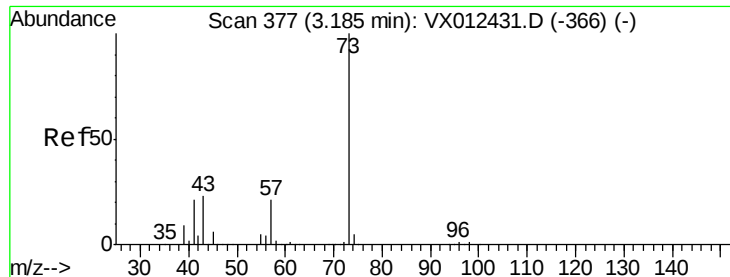
74 21.9 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





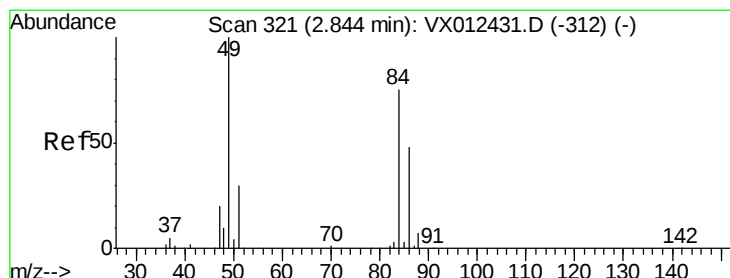
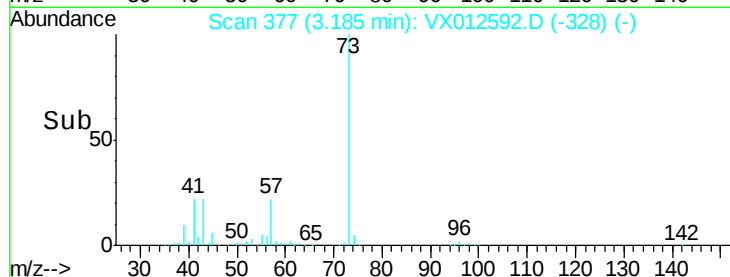
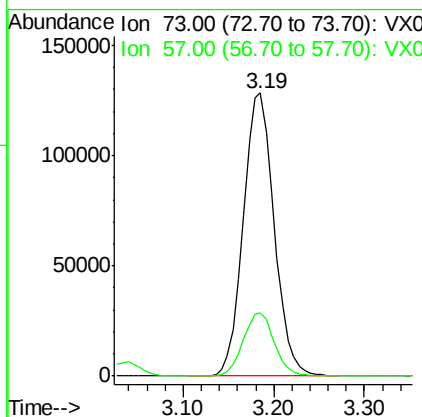
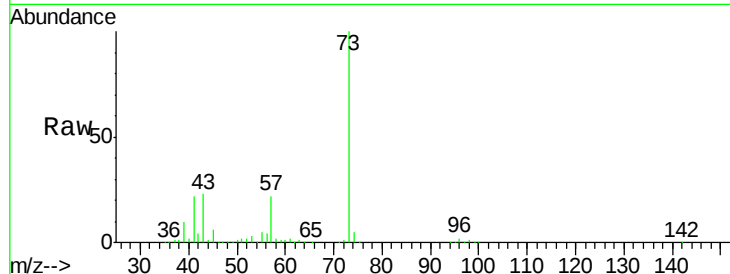
#19
Methvl tert-butvl Ether
Concen: 50.475 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	16.8	25.2

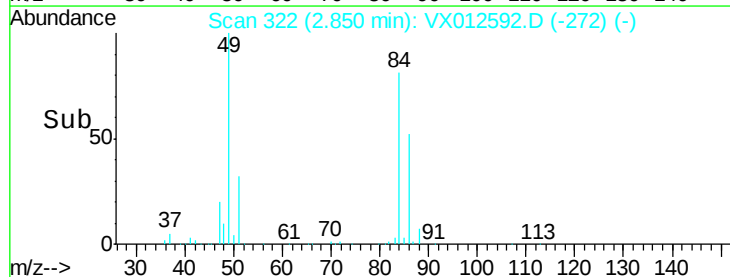
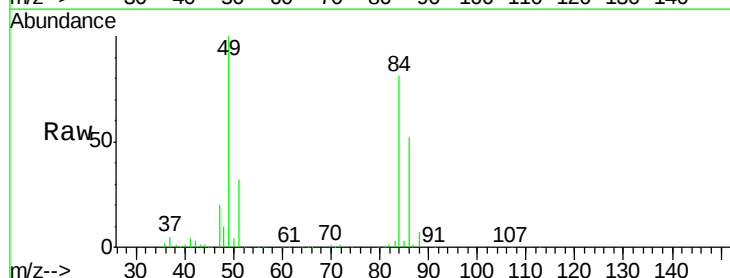
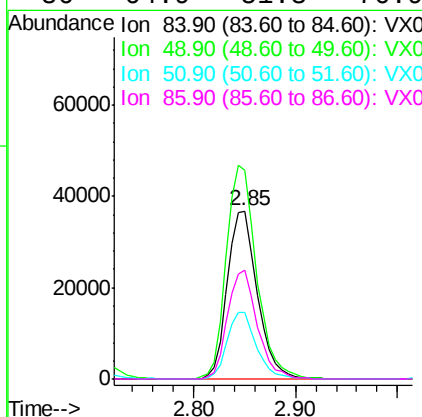
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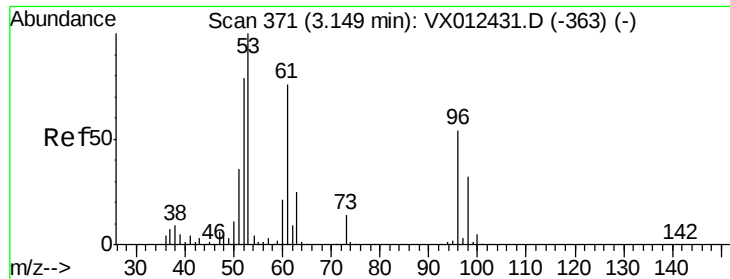
MMDadoda
9/23/2019 11:29:17 AM



#20
Methylene Chloride
Concen: 49.434 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.9	106.8	160.2
51	39.4	32.3	48.5
86	64.9	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 50.859 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

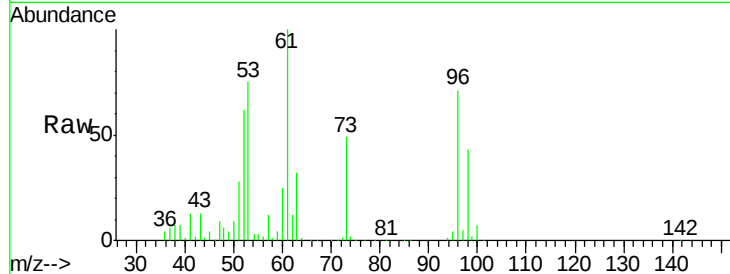
ClientSampleId :

VSTDCCC050EC

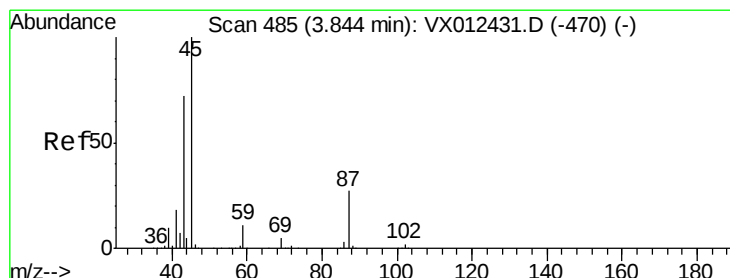
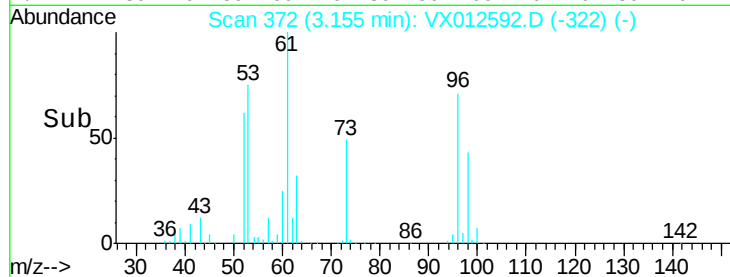
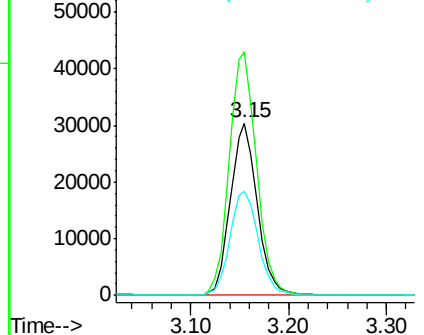
Tot Ion:	96	Resp:	57947
Ion	Ratio	Lower	Upper
96	100		
61	141.3	112.0	168.0
98	60.5	47.8	71.8

Manual Integrations
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Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.180 ug/l

RT: 3.84 min Scan# 485

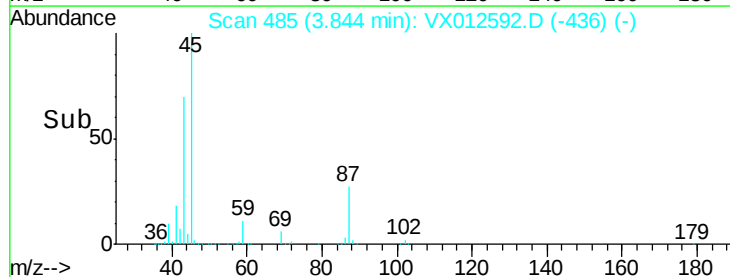
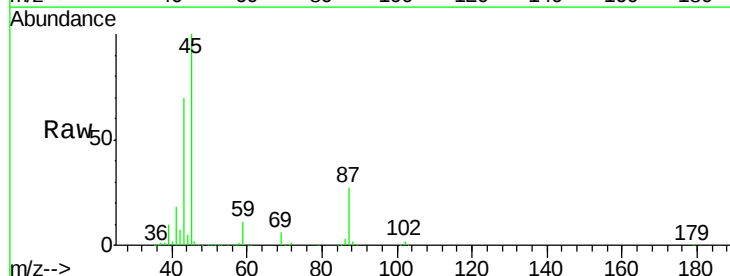
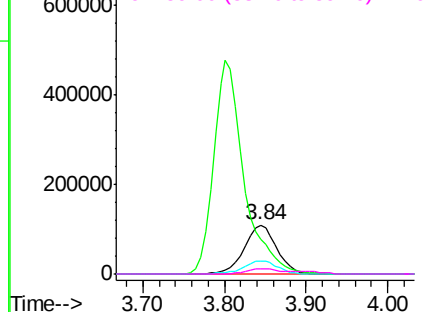
Delta R.T. 0.00 min

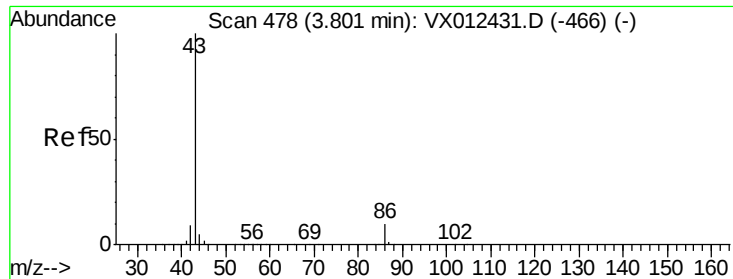
Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Tgt Ion:	45	Resp:	300126
Ion	Ratio	Lower	Upper
45	100		
43	69.5	57.8	86.8
87	27.3	21.3	31.9
59	11.0	8.5	12.7

Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 251.627 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

ClientSampleID :

VSTDCCC050EC

Tot Ion: 43 Resp: 1238001

Ion Ratio Lower Upper

43 100

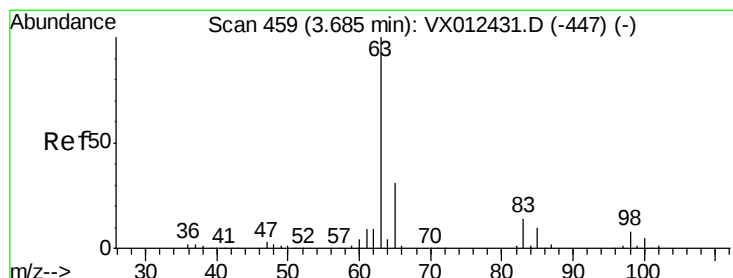
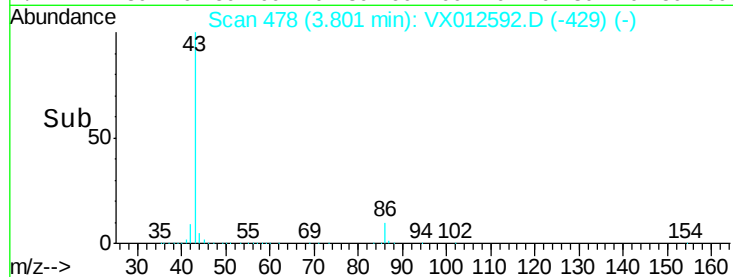
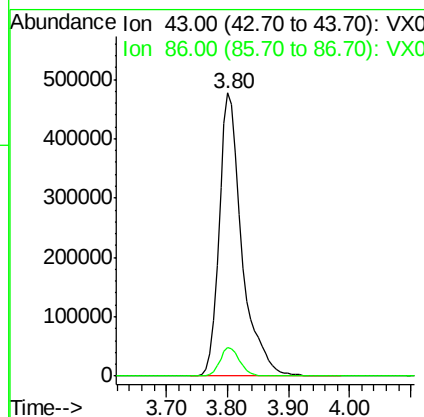
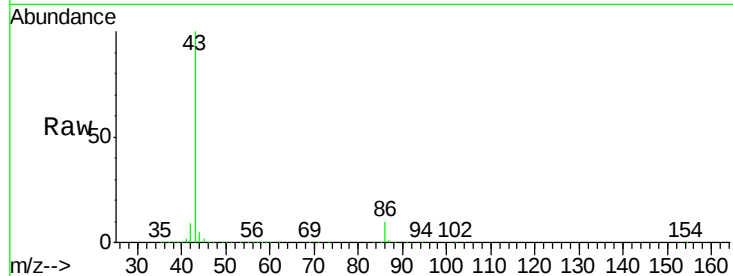
86 10.1 7.8 11.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.992 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

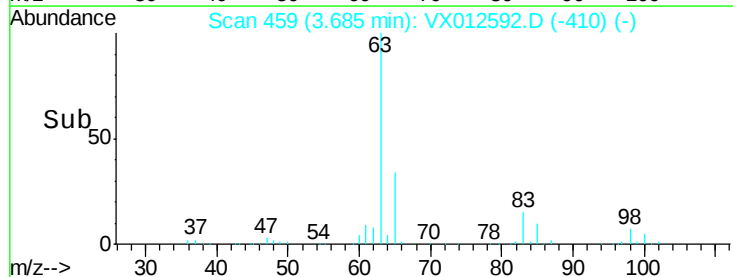
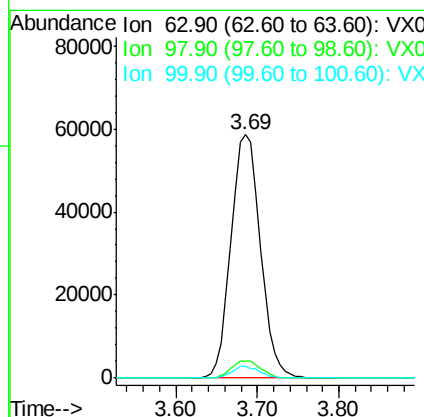
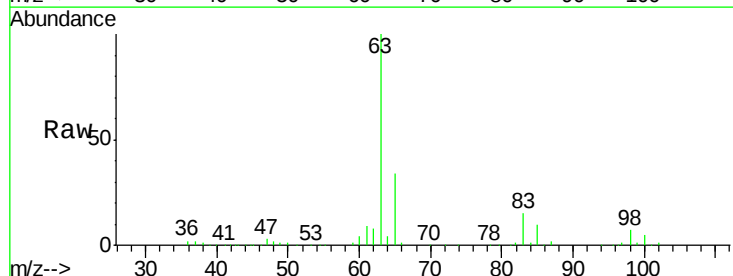
Tgt Ion: 63 Resp: 145923

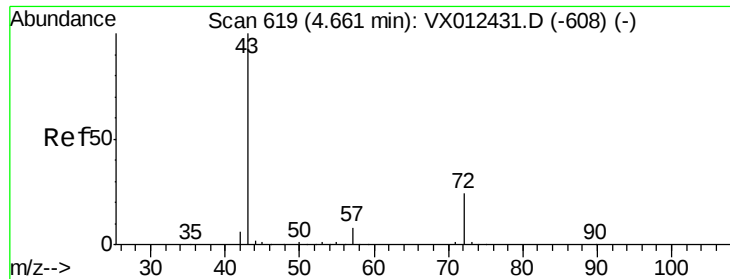
Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.7

100 4.7 2.3 6.9





#25

2-Butanone

Concen: 228.711 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 396806

Ion Ratio Lower Upper

43 100

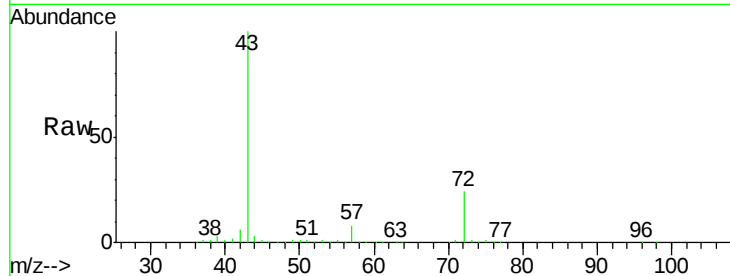
72 24.0 19.2 28.8

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

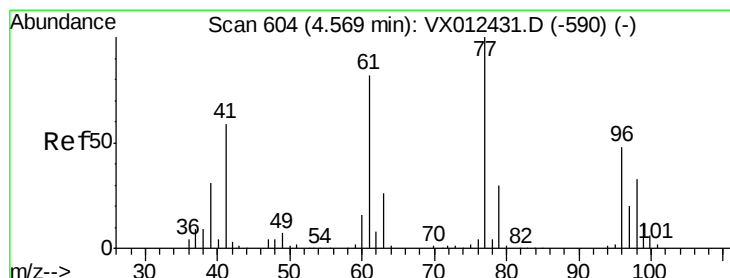
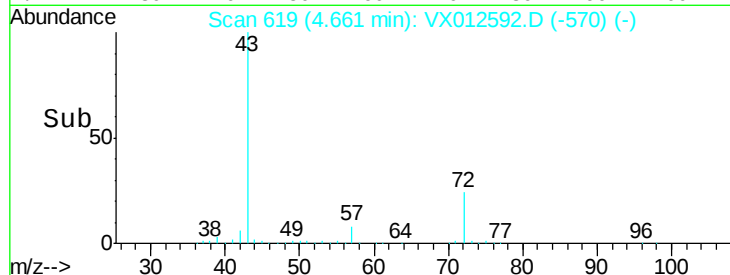
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 30.994 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012592.D

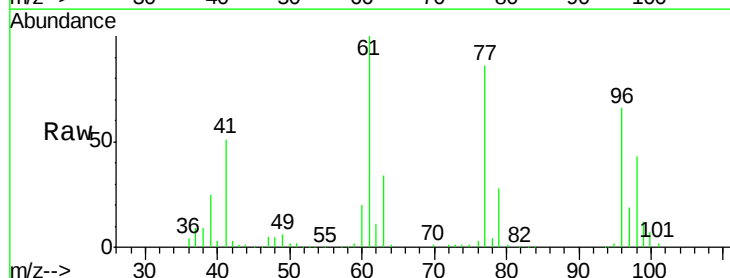
Acq: 21 Sep 2019 05:35

Tgt Ion: 77 Resp: 87229

Ion Ratio Lower Upper

77 100

97 22.9 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

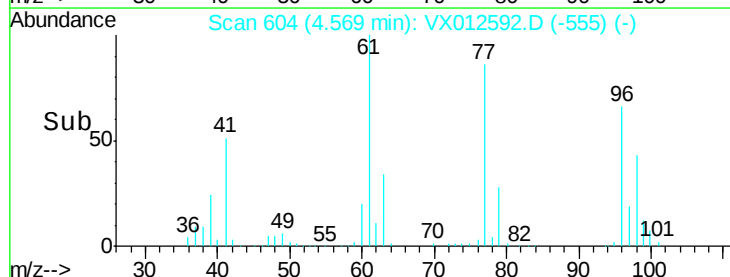
20000

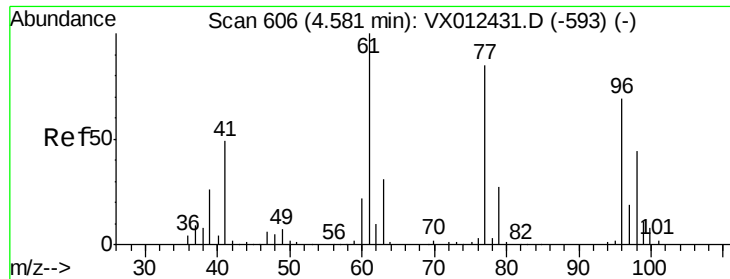
10000

0

4.50 4.60 4.70

Time-->





#27

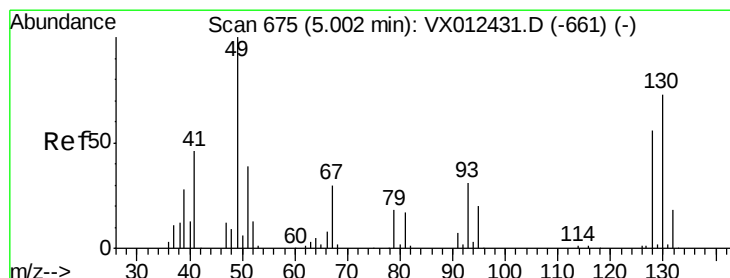
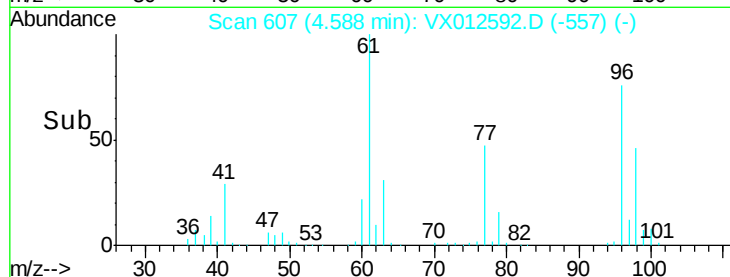
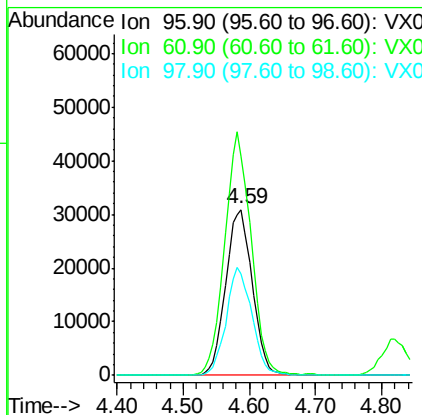
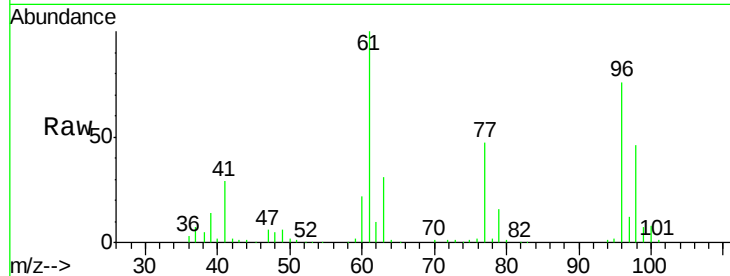
cis-1,2-Dichloroethene
 Concen: 50.761 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX012592.D
 Acq: 21 Sep 2019 05:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	86397		
61	145.3	0.0	319.4	
98	63.1	0.0	130.6	

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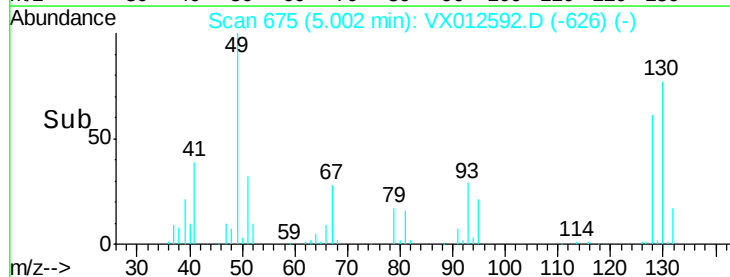
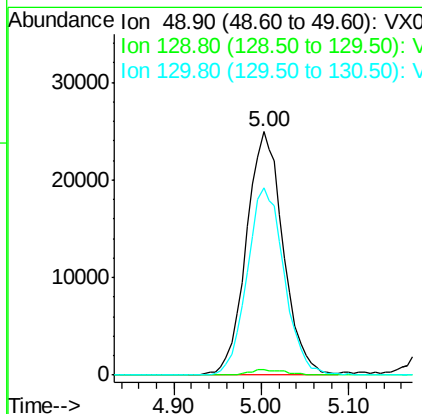
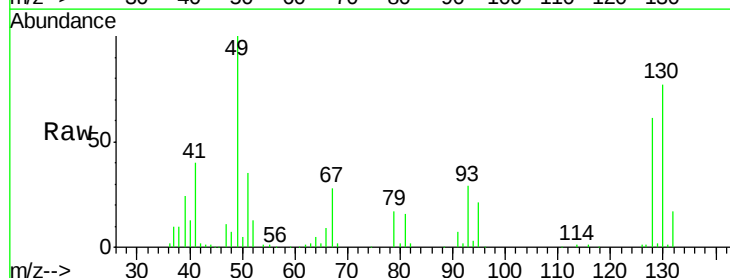
MMDadoda
 9/23/2019 11:29:17 AM

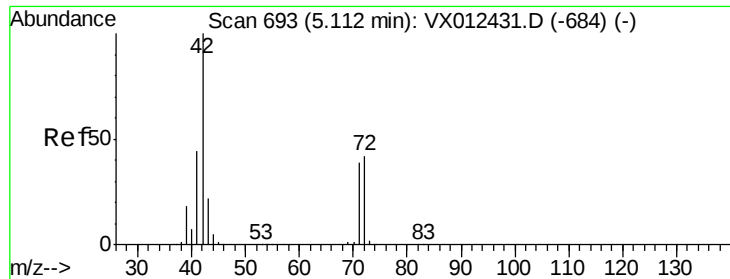


#28

Bromochloromethane
 Concen: 49.534 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX012592.D
 Acq: 21 Sep 2019 05:35

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	73077		
129	2.0	0.0	3.8	
130	77.3	58.2	87.4	





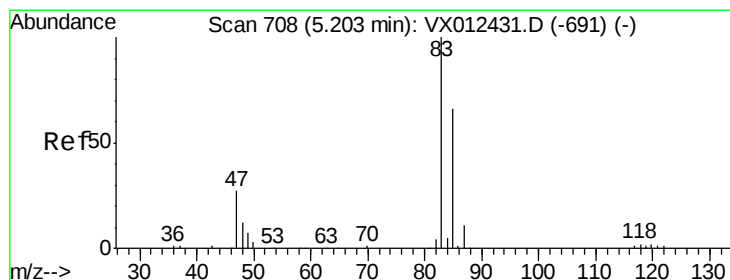
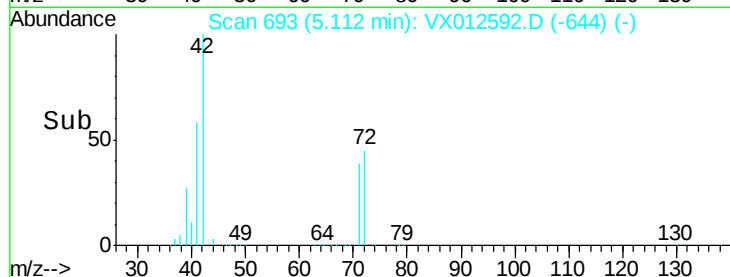
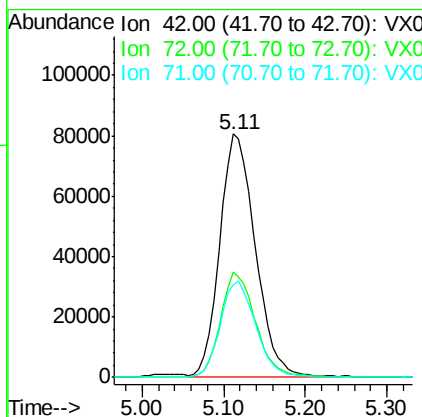
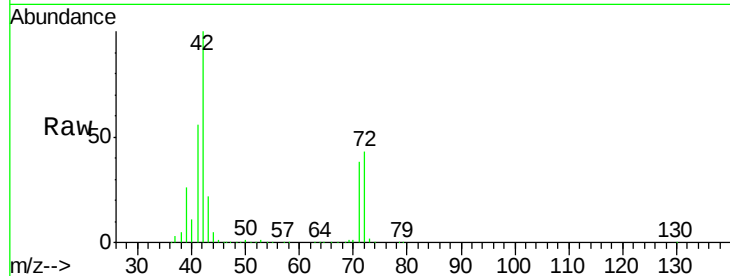
#29
Tetrahydrofuran
Concen: 252.734 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.3	34.0	51.0
71	39.9	31.5	47.3

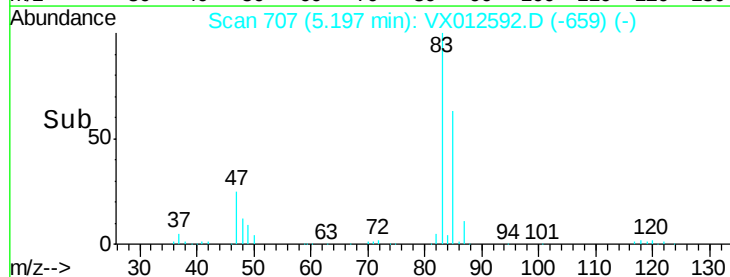
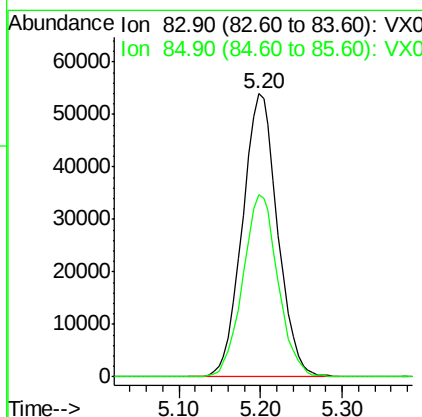
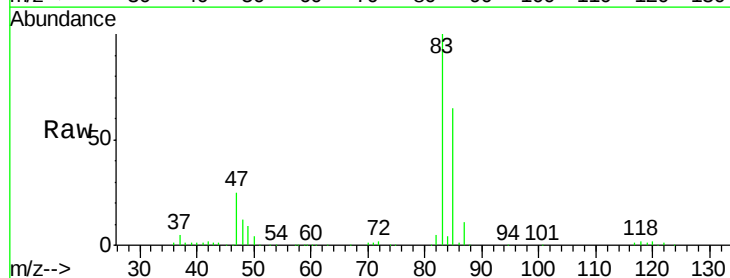
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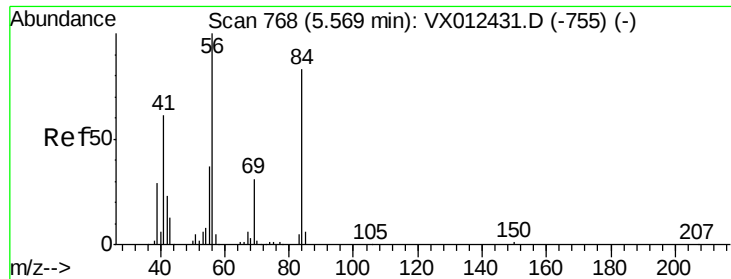
MMDadoda
9/23/2019 11:29:17 AM



#30
Chloroform
Concen: 49.180 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	53.0	79.4





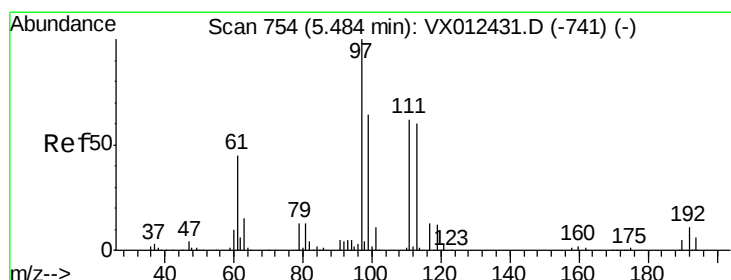
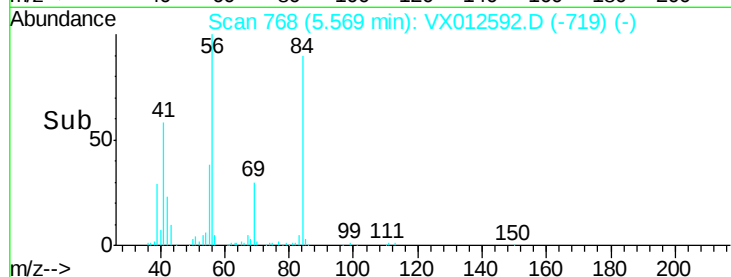
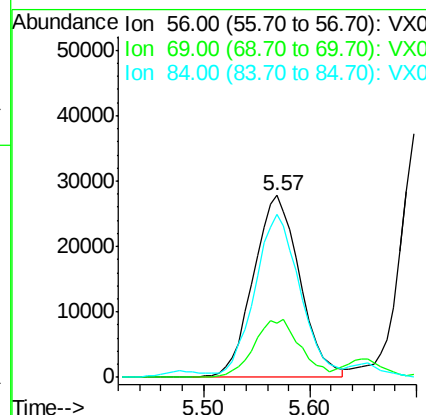
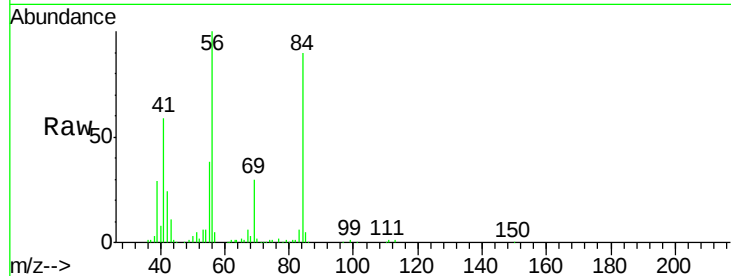
#31
Cyclohexane
Concen: 49.100 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.8	25.0	37.6
84	86.8	66.4	99.6

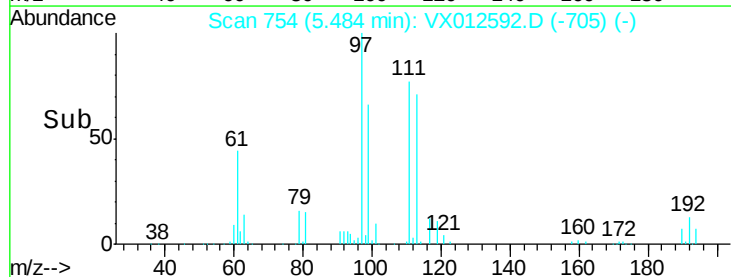
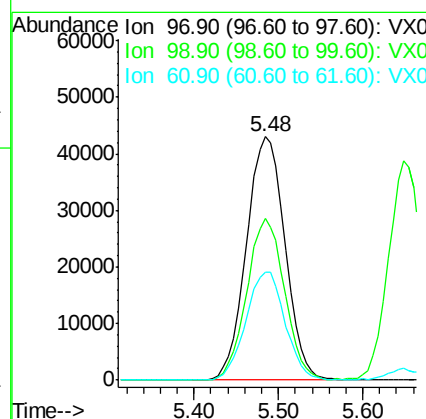
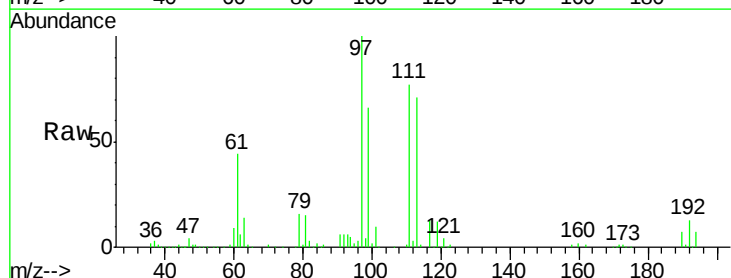
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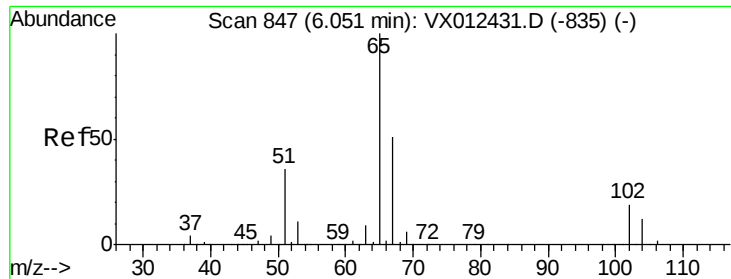
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#32
1,1,1-Trichloroethane
Concen: 48.743 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.3	76.9
61	45.1	36.1	54.1





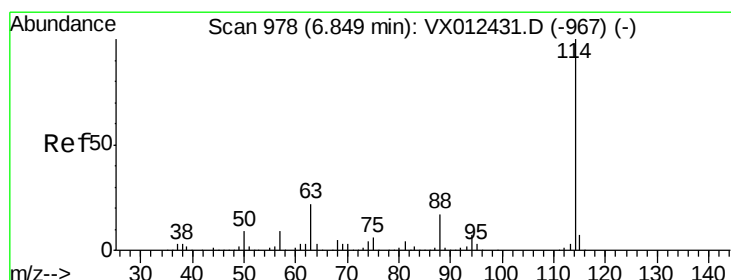
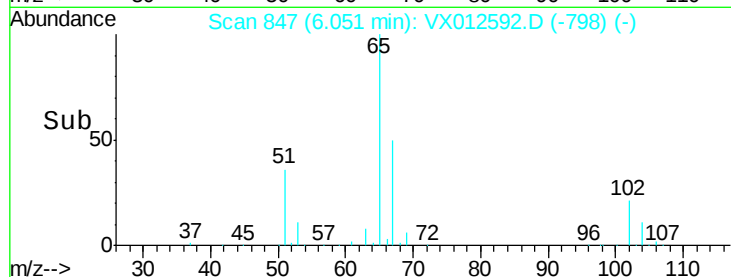
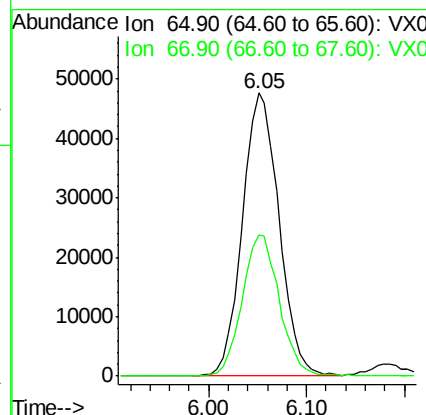
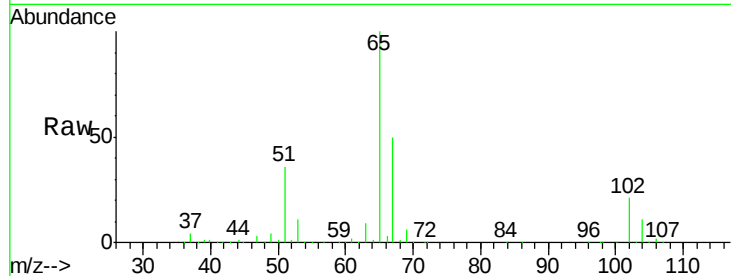
#33
 1,2-Dichloroethane-d4
 Concen: 49.521 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012592.D
 Acq: 21 Sep 2019 05:35

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	123859		
67	50.7	0.0	101.2	

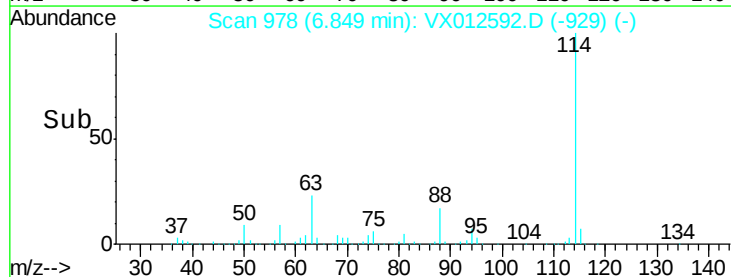
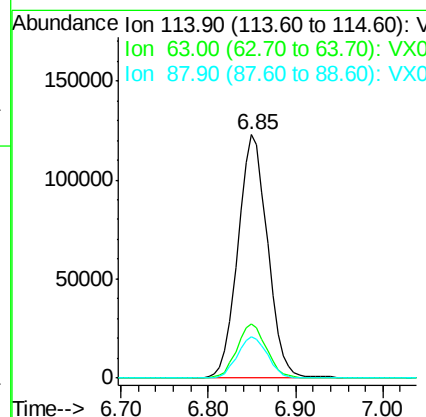
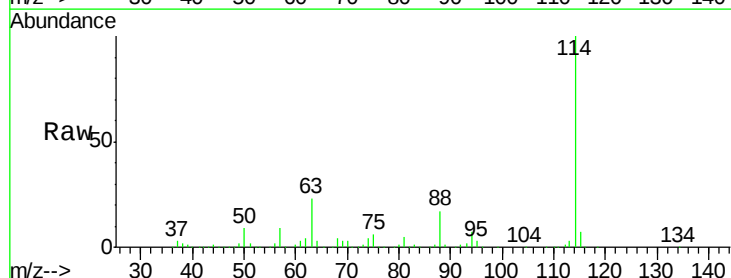
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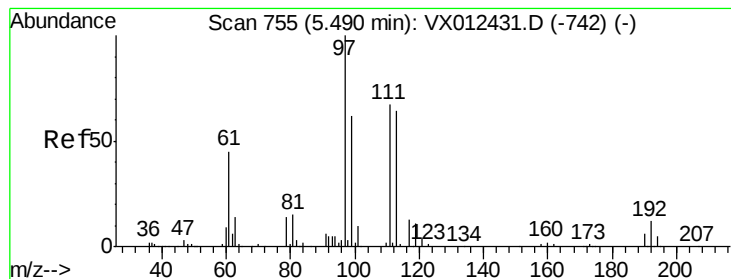
MMDadoda
 9/23/2019 11:29:17 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012592.D
 Acq: 21 Sep 2019 05:35

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	290124		
63	22.5	0.0	43.2	
88	16.9	0.0	33.2	





#35

Dibromofluoromethane

Concen: 51.967 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

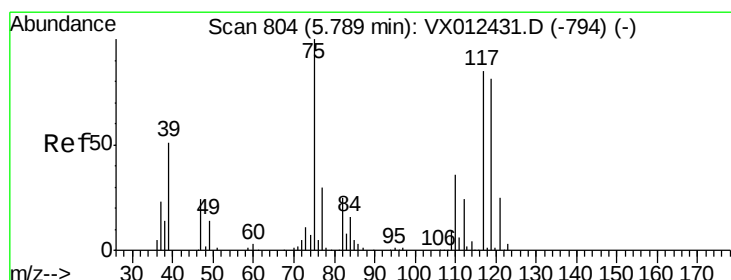
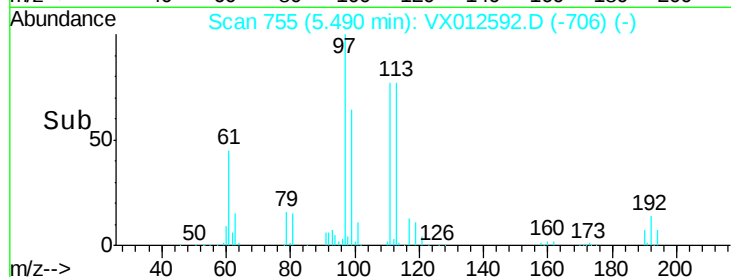
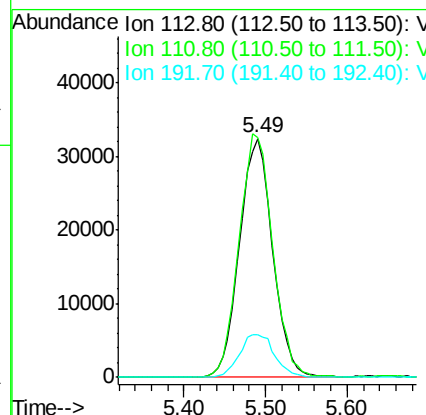
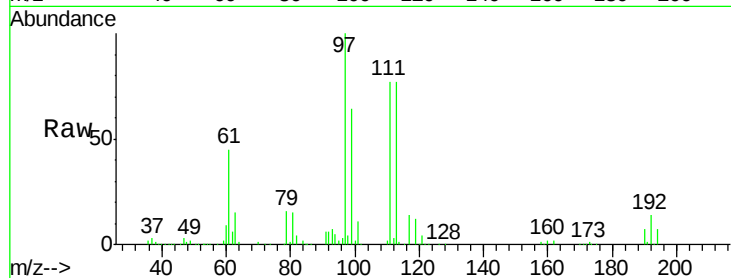
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	91254
Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.4	125.2
192	19.0	14.4	21.6

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#36

1,1-Dichloropropene

Concen: 49.751 ug/l

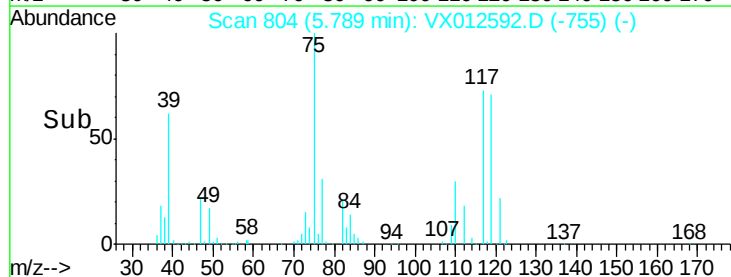
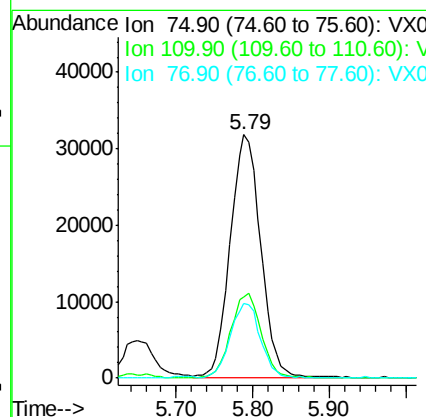
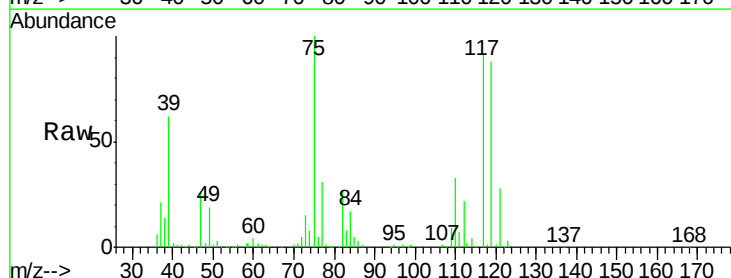
RT: 5.79 min Scan# 804

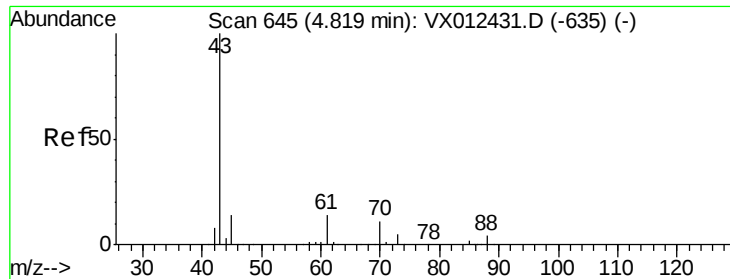
Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Tgt Ion:	75	Resp:	87722
Ion	Ratio	Lower	Upper
75	100		
110	34.9	16.7	50.0
77	30.7	24.2	36.2





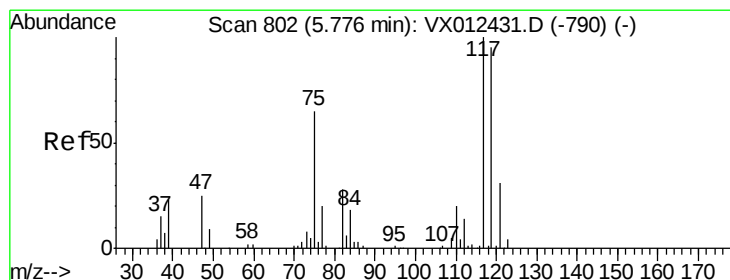
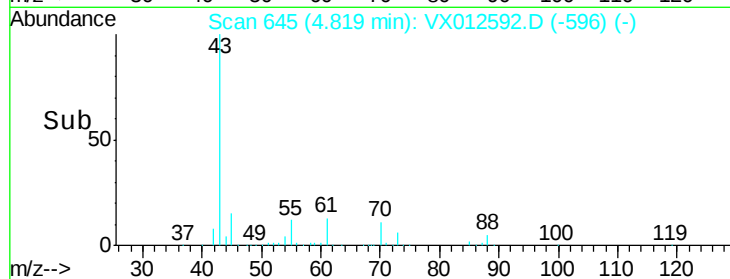
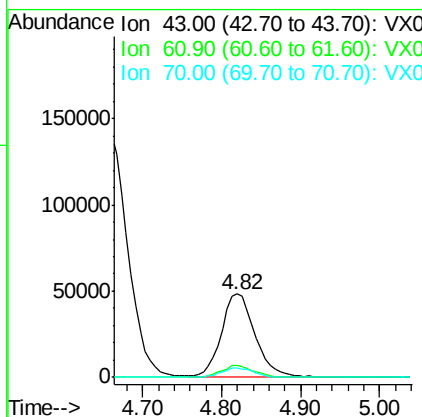
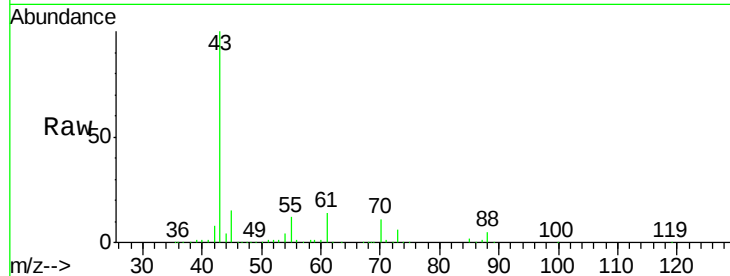
#37
Ethyl Acetate
Concen: 52.429 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.2	15.4
70	11.4	8.7	13.1

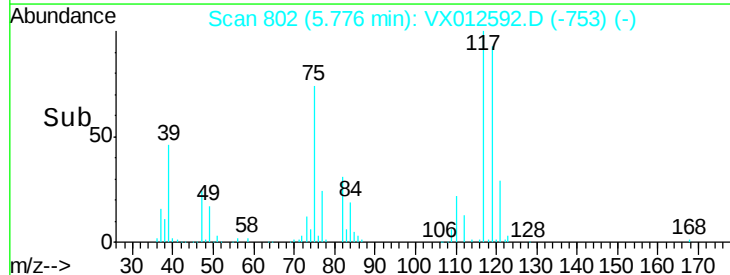
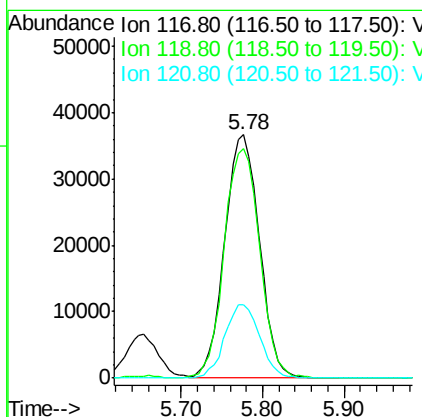
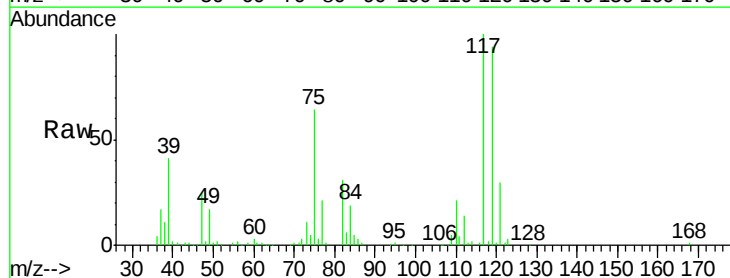
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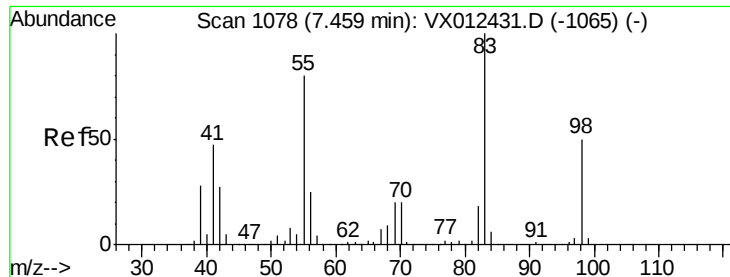
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#38
Carbon Tetrachloride
Concen: 49.380 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.7	113.5
121	30.2	24.2	36.4





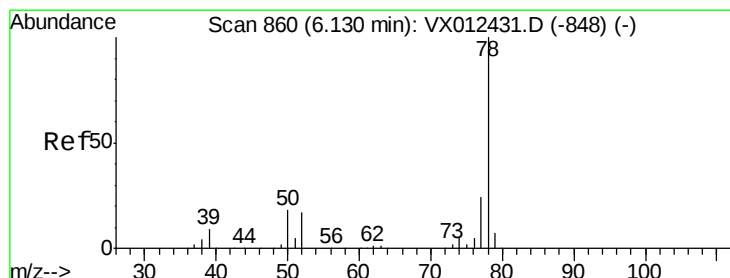
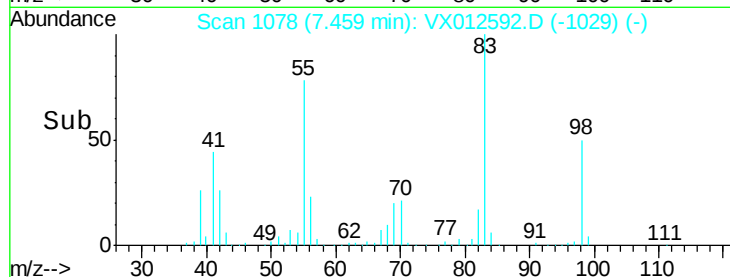
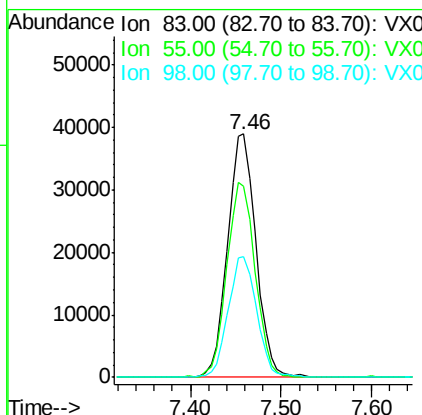
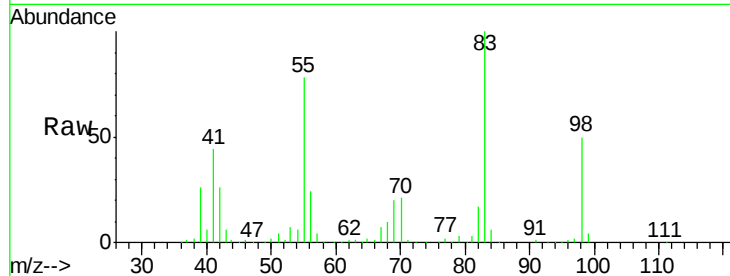
#39
Methvlcvclohexane
Concen: 49.446 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	84756
Ion Ratio	100	Lower	Upper
83	100		
55	78.4	64.4	96.6
98	49.5	40.1	60.1

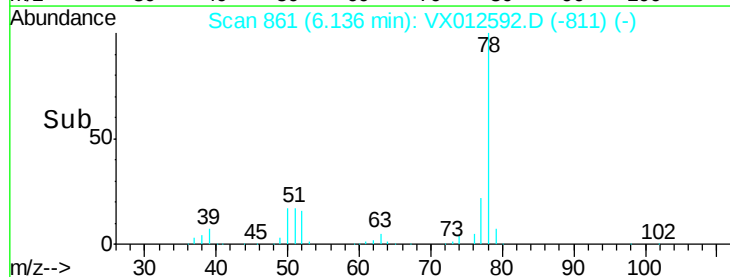
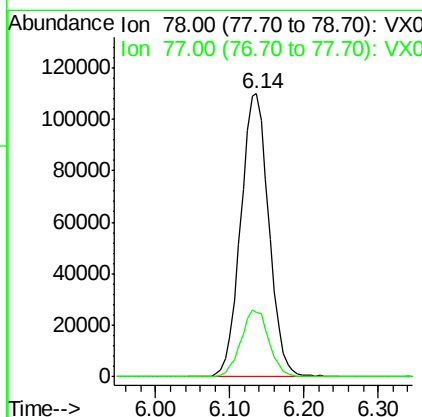
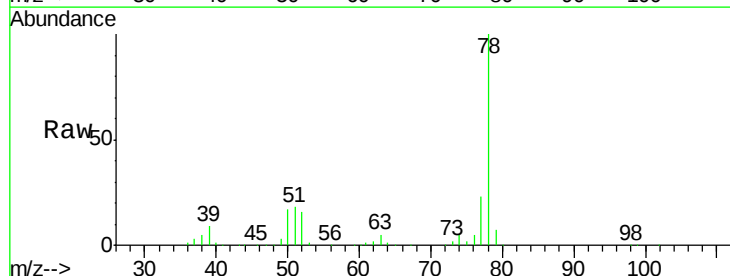
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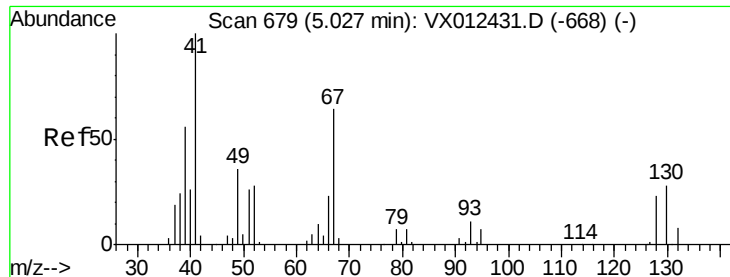
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#40
Benzene
Concen: 52.004 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Tgt Ion	78	Resp	291587
Ion Ratio	100	Lower	Upper
78	100		
77	22.9	19.2	28.8





#41

Methacrylonitrile

Concen: 50.088 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 87291

Ion Ratio Lower Upper

41 100

39 52.9 46.0 69.0

67 66.5 52.2 78.2

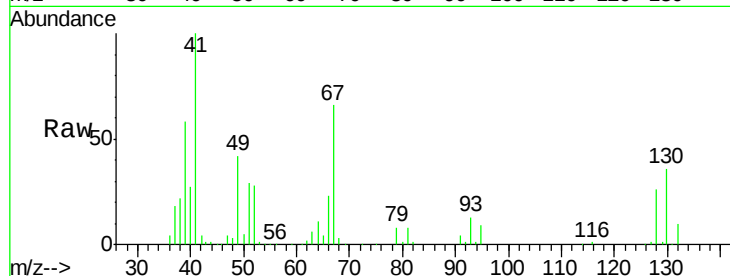
52 29.4 22.7 34.1

Manual Integrations

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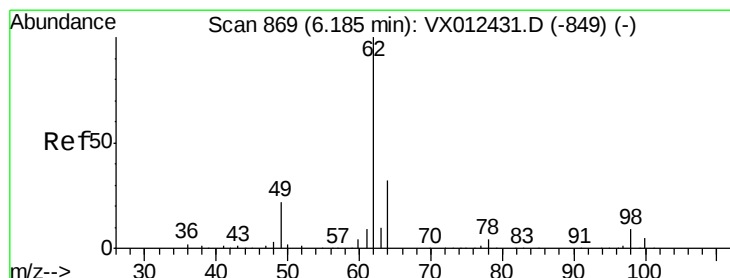
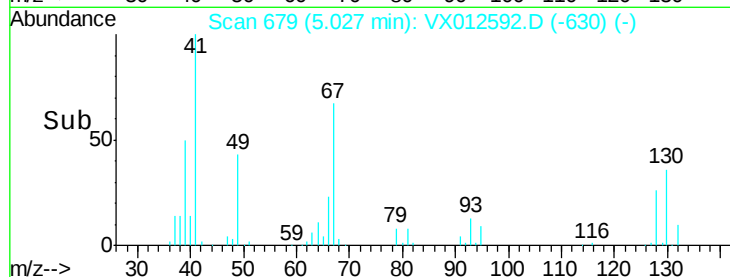
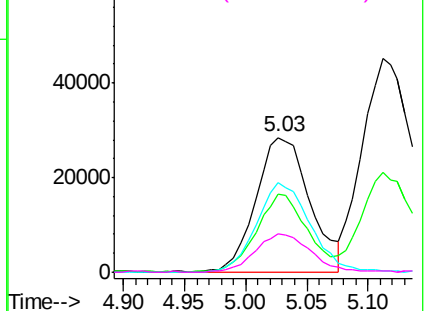


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.407 ug/l

RT: 6.18 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX012592.D

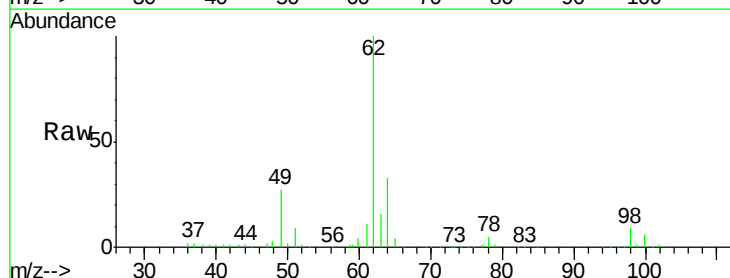
Acq: 21 Sep 2019 05:35

Tgt Ion: 62 Resp: 128489

Ion Ratio Lower Upper

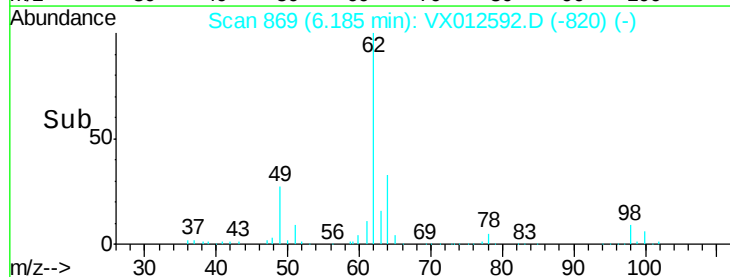
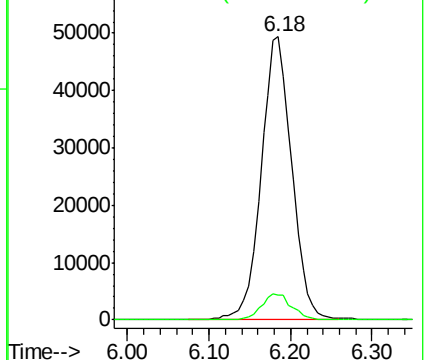
62 100

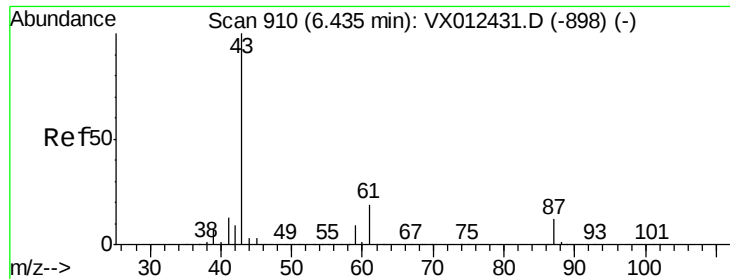
98 9.2 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.564 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

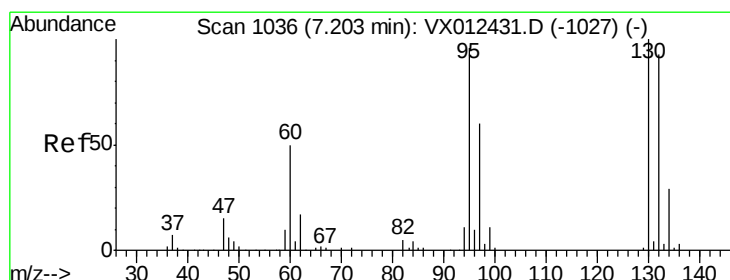
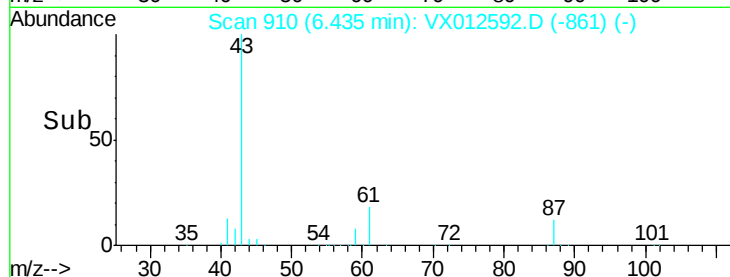
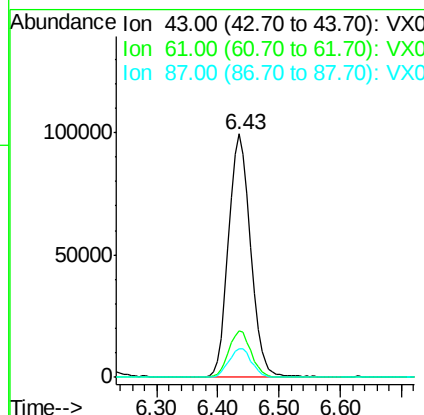
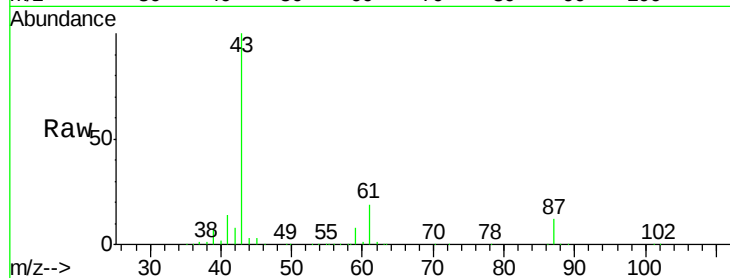
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	245627
Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.4	23.0
87	12.4	9.8	14.8

Manual Integrations
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#44

Trichloroethene

Concen: 52.520 ug/l

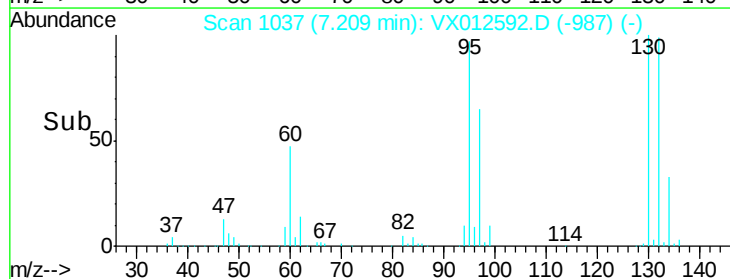
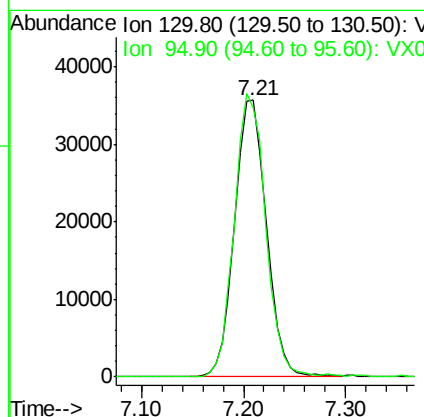
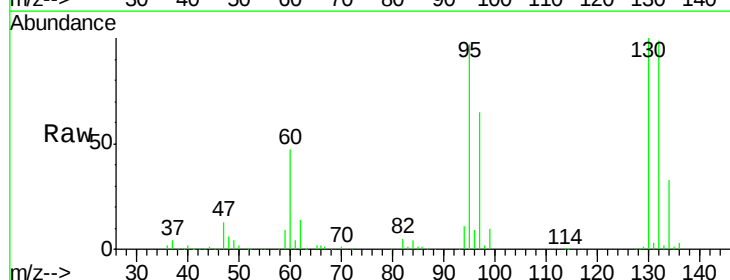
RT: 7.21 min Scan# 1037

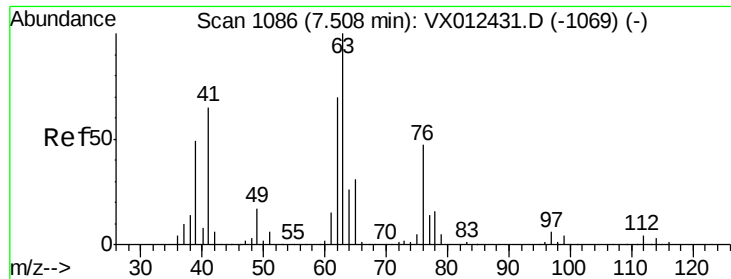
Delta R.T. 0.01 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Tgt Ion:	130	Resp:	77464
Ion	Ratio	Lower	Upper
130	100		
95	97.2	0.0	193.0





#45

1,2-Dichloropropane

Concen: 51.700 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 89060

Ion Ratio Lower Upper

63 100

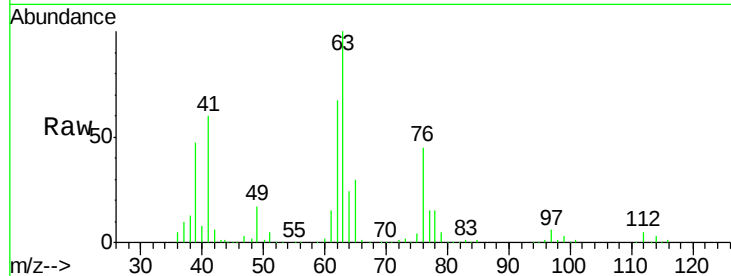
65 30.2 25.0 37.6

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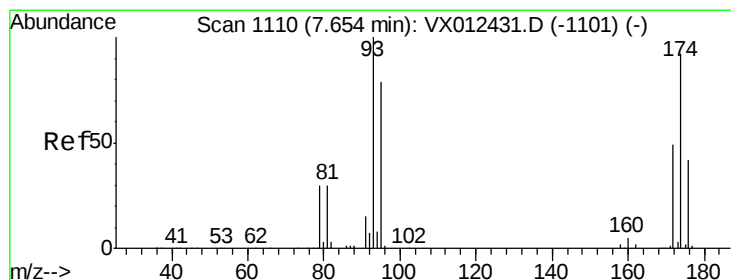
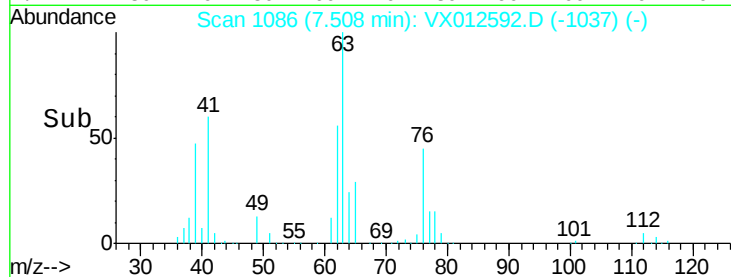
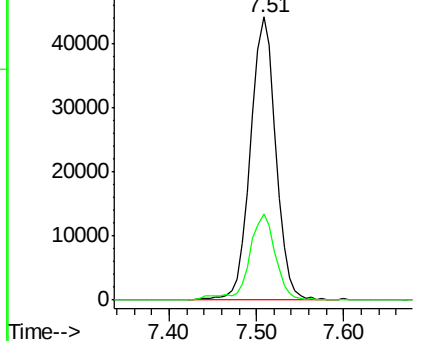
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.626 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

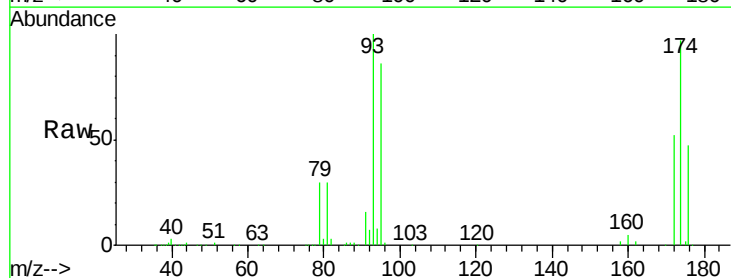
Tgt Ion: 93 Resp: 56435

Ion Ratio Lower Upper

93 100

95 83.5 66.6 100.0

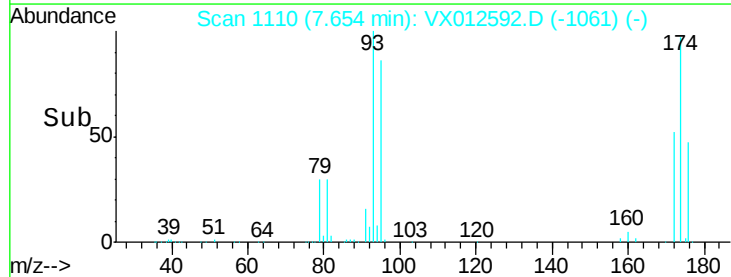
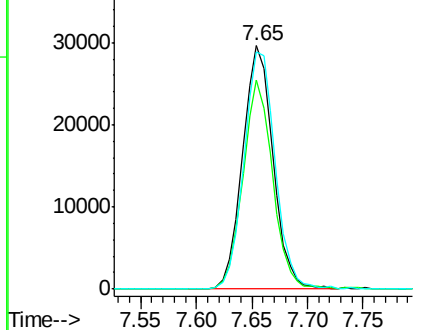
174 99.6 77.4 116.0

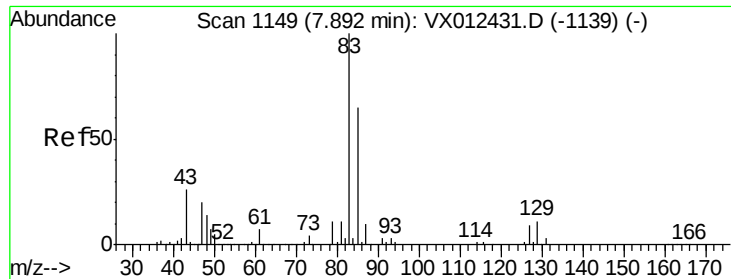


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.015 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

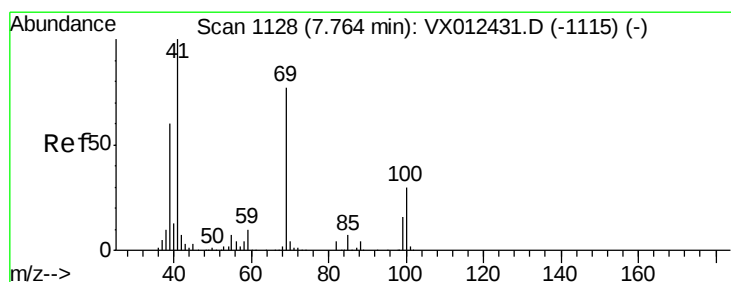
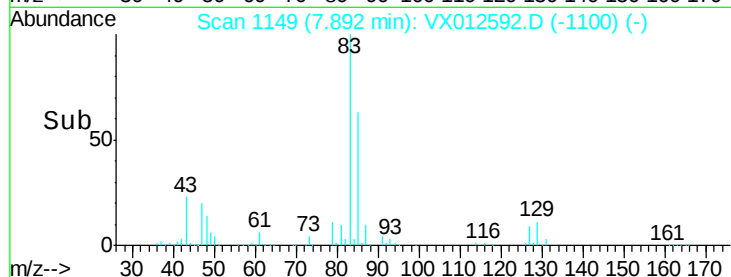
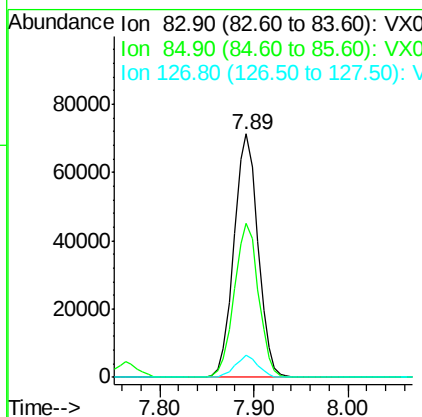
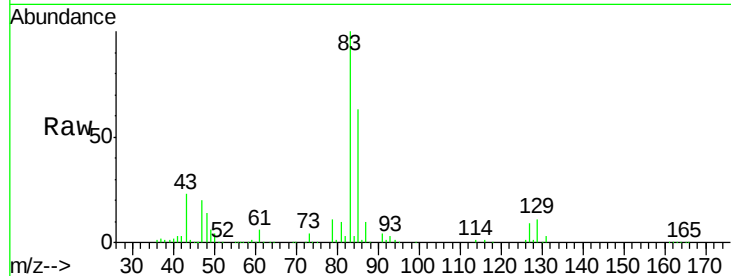
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	126624
Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.8	77.6
127	9.2	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.391 ug/l

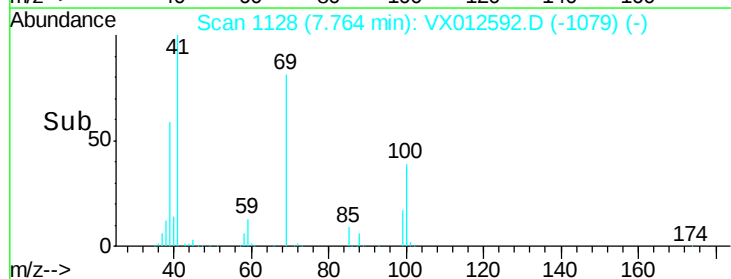
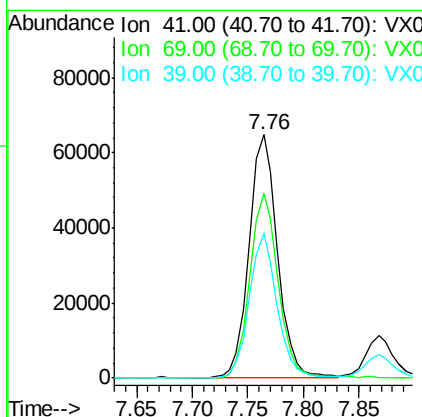
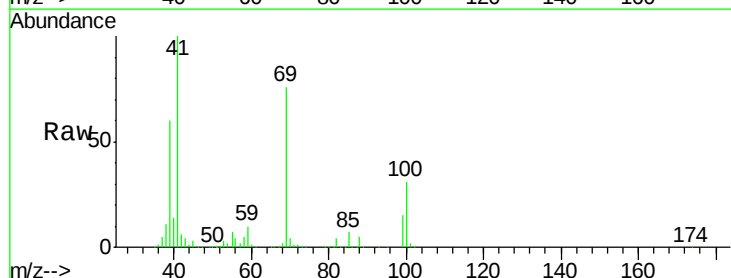
RT: 7.76 min Scan# 1128

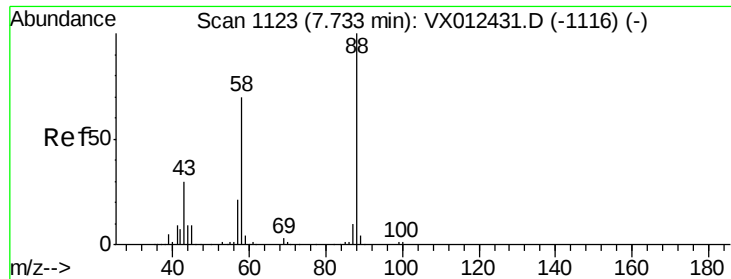
Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Tgt Ion:	41	Resp:	115392
Ion	Ratio	Lower	Upper
41	100		
69	76.3	59.9	89.9
39	58.0	47.8	71.6





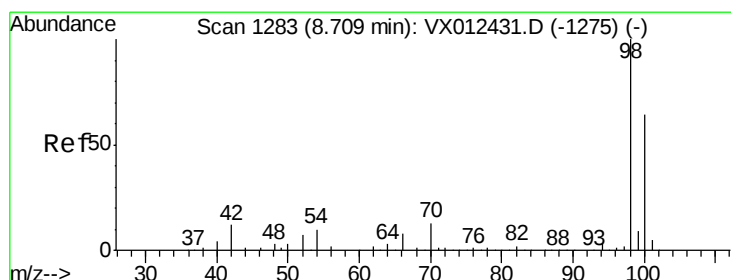
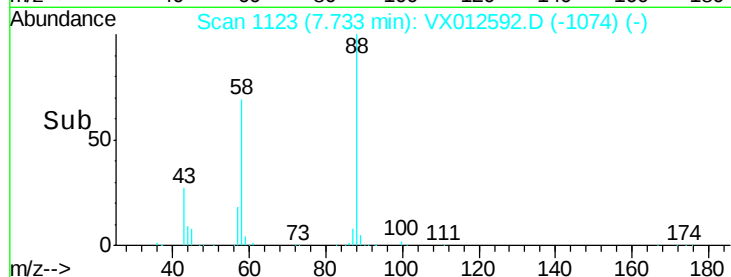
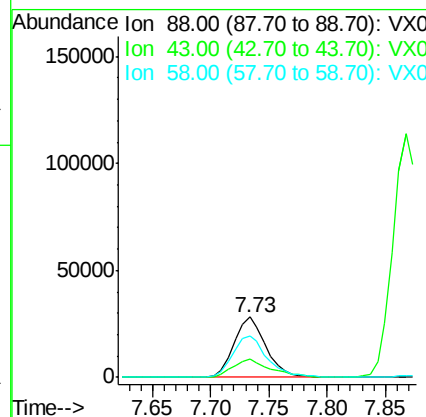
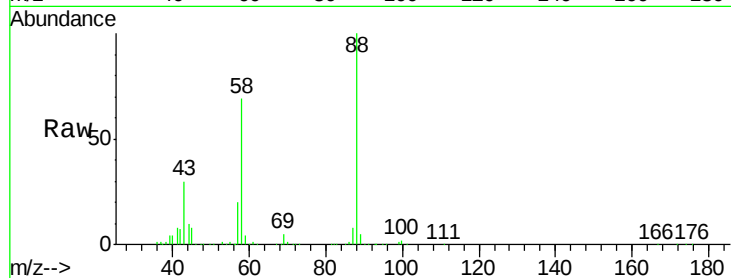
#49
1,4-Dioxane
Concen: 975.716 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.1	29.4	44.0
58	73.7	57.5	86.3

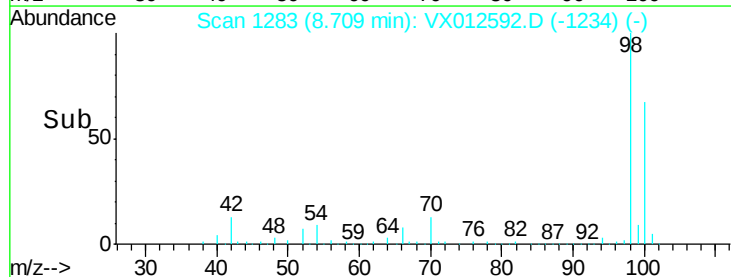
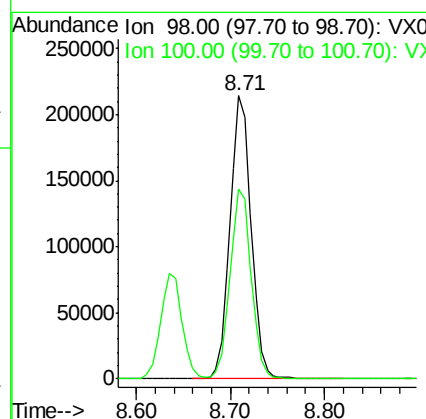
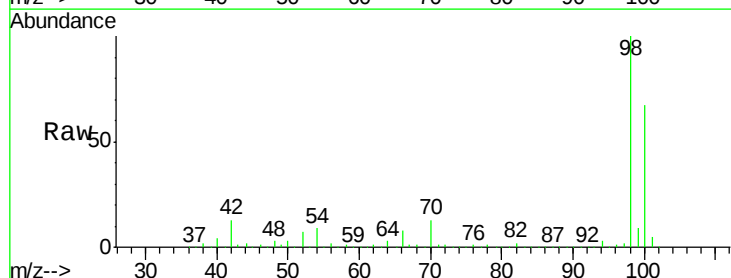
Manual Integrations
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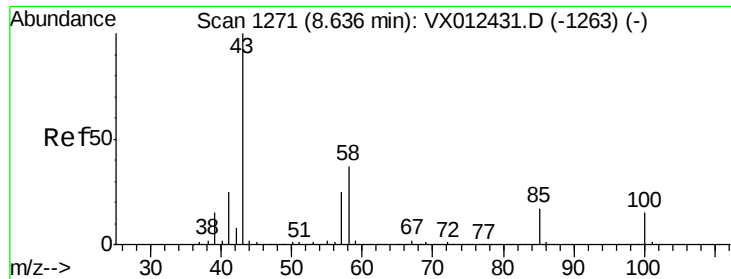
MMDadoda
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#50
Toluene-d8
Concen: 51.390 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 252.265 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 803639

Ion Ratio Lower Upper

43 100

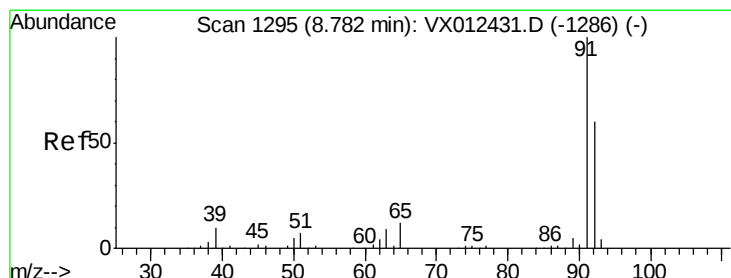
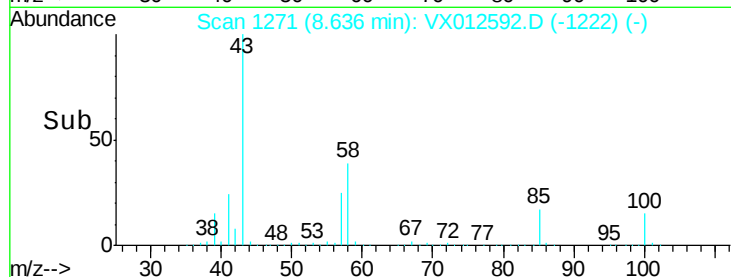
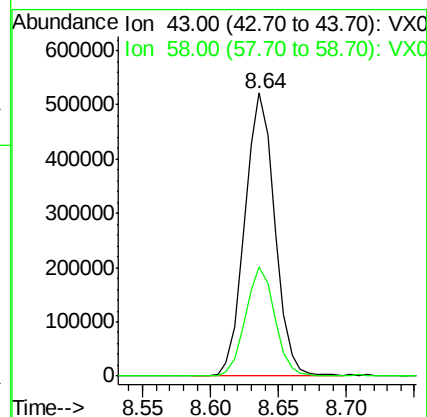
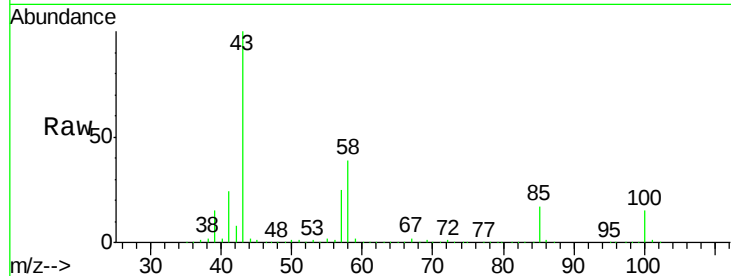
58 38.0 29.8 44.6

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#52

Toluene

Concen: 51.963 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012592.D

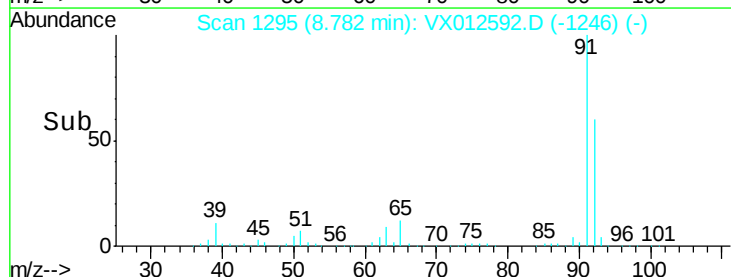
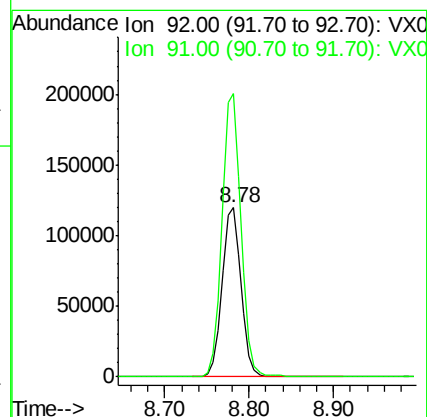
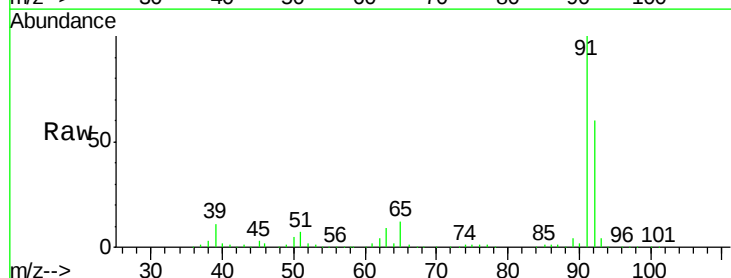
Acq: 21 Sep 2019 05:35

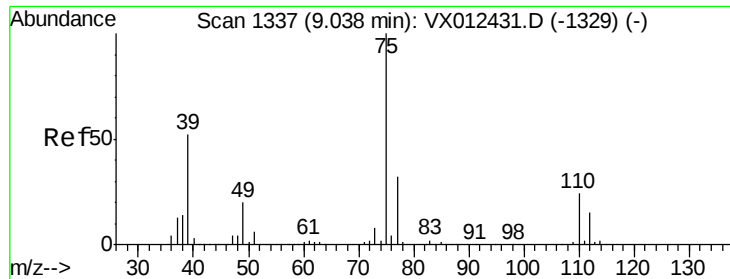
Tgt Ion: 92 Resp: 187742

Ion Ratio Lower Upper

92 100

91 166.6 135.4 203.0





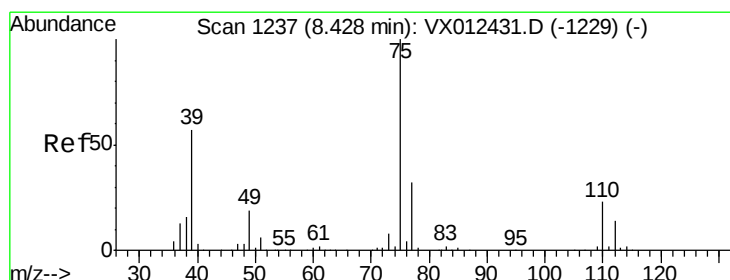
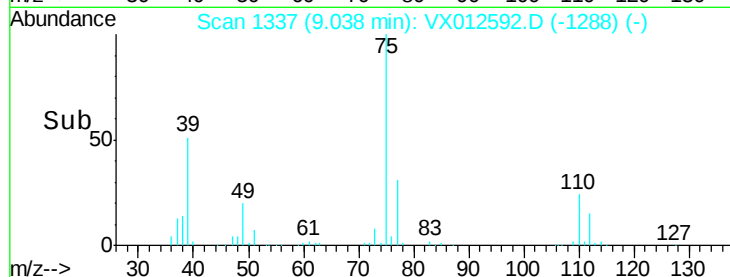
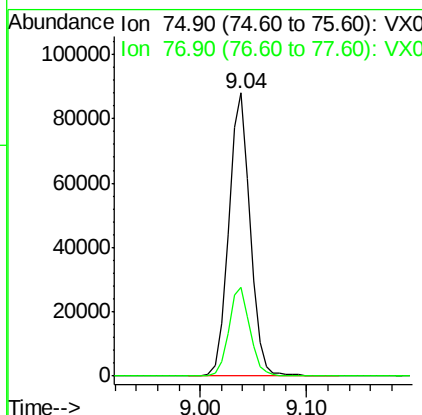
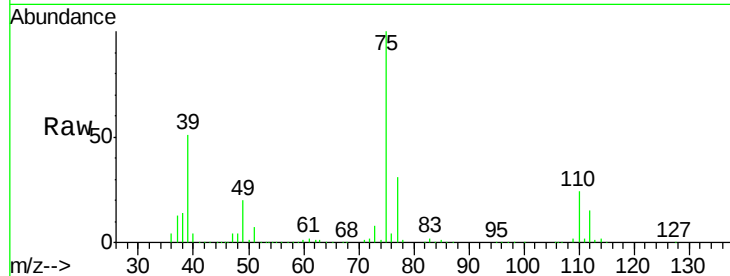
#53
t-1,3-Dichloropropene
Concen: 47.961 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.2	37.8

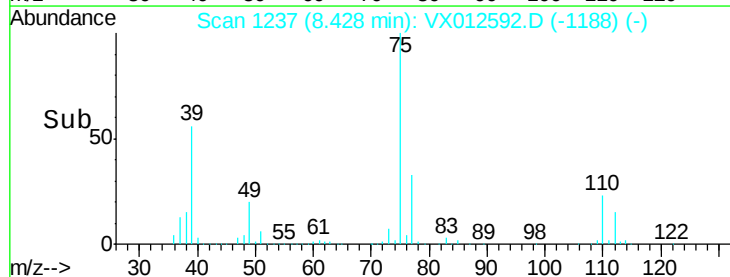
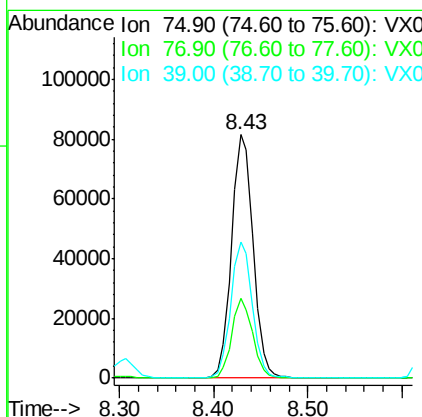
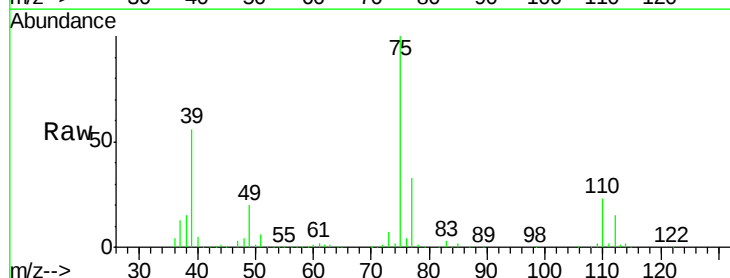
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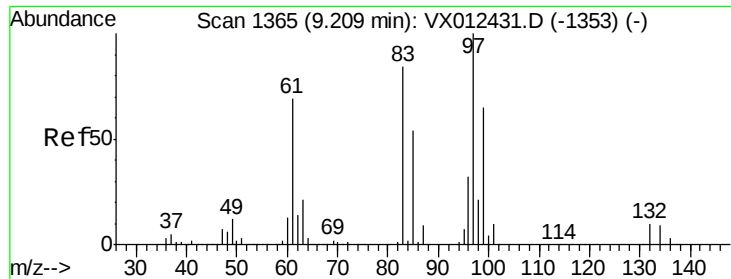
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 48.569 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.8	38.8
39	55.9	45.5	68.3





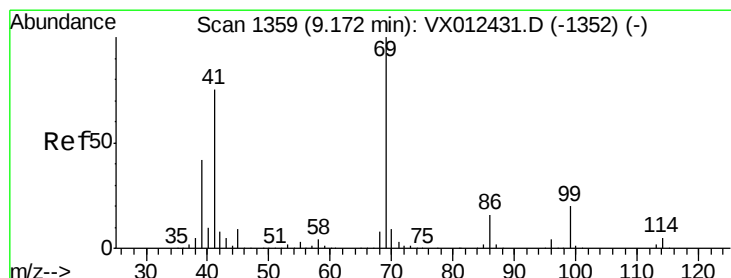
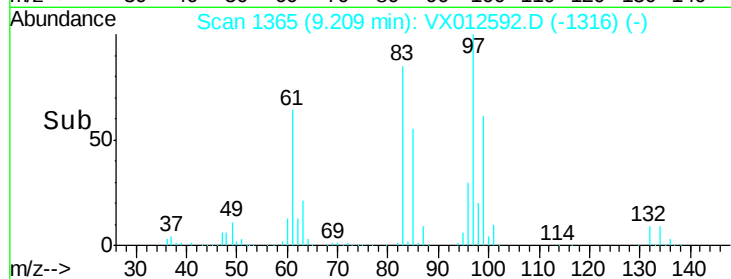
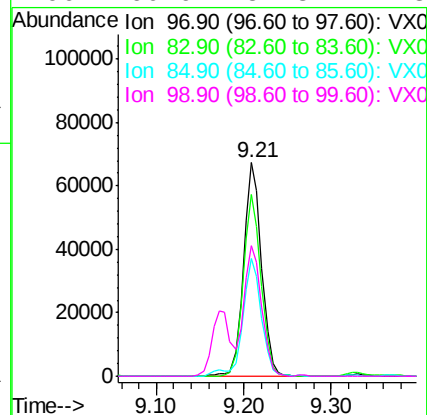
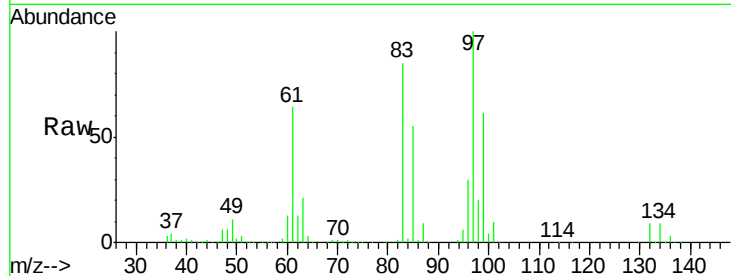
#55
 1,1,2-Trichloroethane
 Concen: 52.007 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012592.D
 Acq: 21 Sep 2019 05:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	96805
Ion	Ratio	Lower	Upper
97	100		
83	85.3	67.4	101.2
85	55.4	43.5	65.3
99	60.9	51.8	77.8

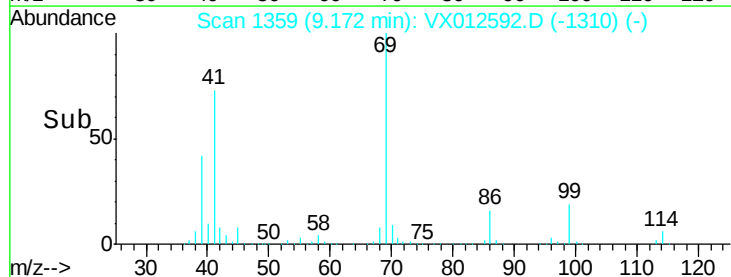
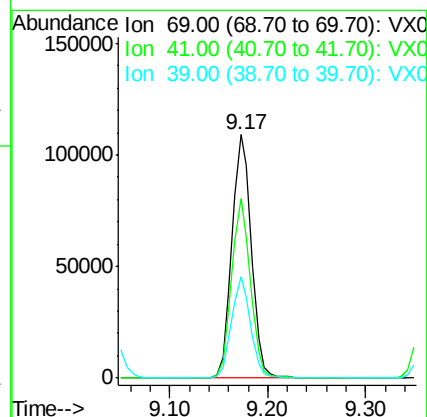
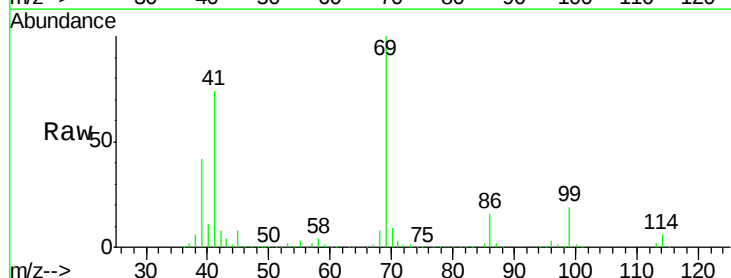
Manual Integrations
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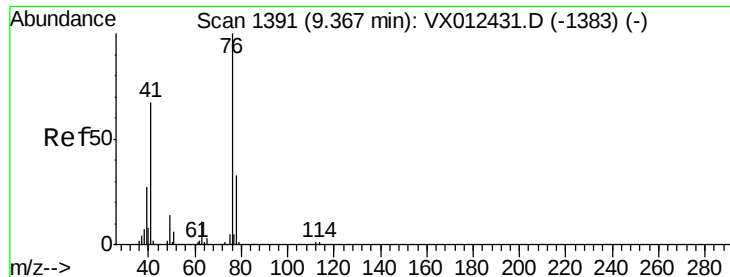
MMDadoda
 9/23/2019 11:29:17 AM



#56
 Ethyl methacrylate
 Concen: 51.891 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012592.D
 Acq: 21 Sep 2019 05:35

Tgt Ion:	69	Resp:	151017
Ion	Ratio	Lower	Upper
69	100		
41	71.0	58.4	87.6
39	40.2	33.4	50.0





#57

1,3-Dichloropropane

Concen: 52.536 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 156024

Ion Ratio Lower Upper

76 100

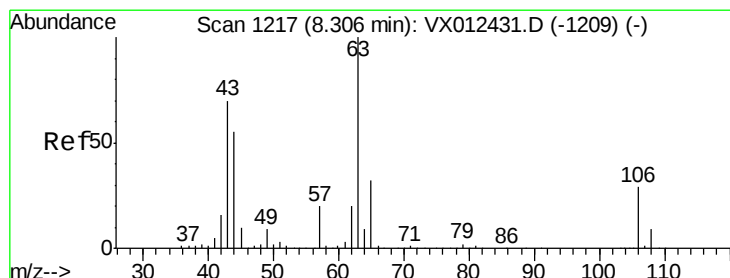
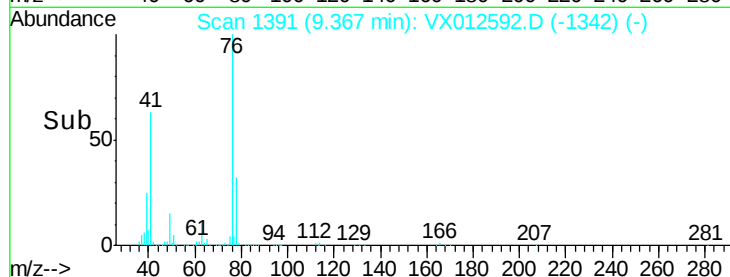
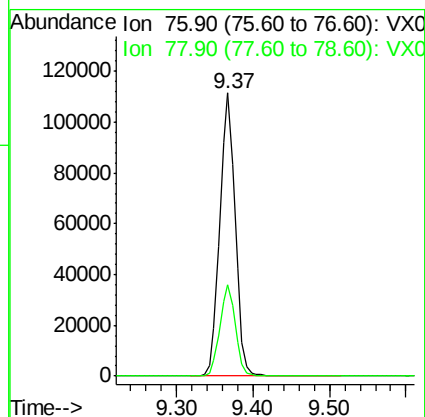
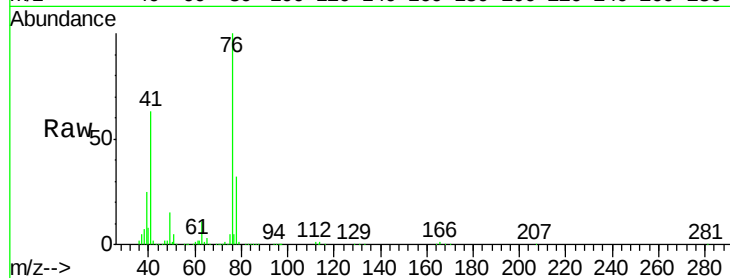
78 32.4 26.2 39.2

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#58

2-Chloroethyl Vinyl ether

Concen: 268.100 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012592.D

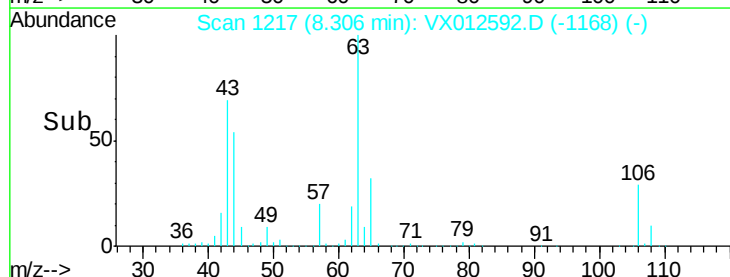
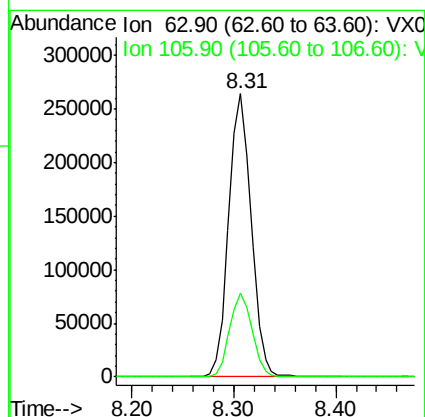
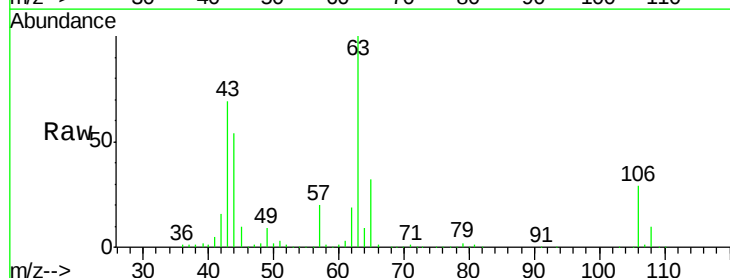
Acq: 21 Sep 2019 05:35

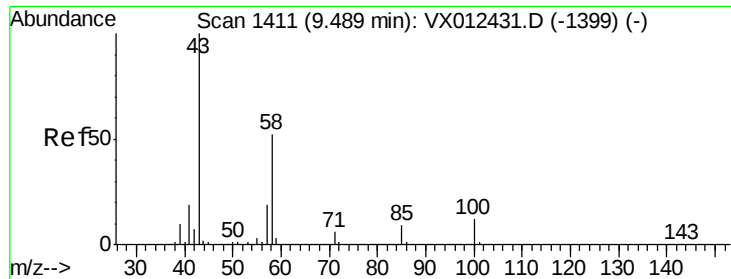
Tgt Ion: 63 Resp: 403886

Ion Ratio Lower Upper

63 100

106 29.5 23.8 35.6





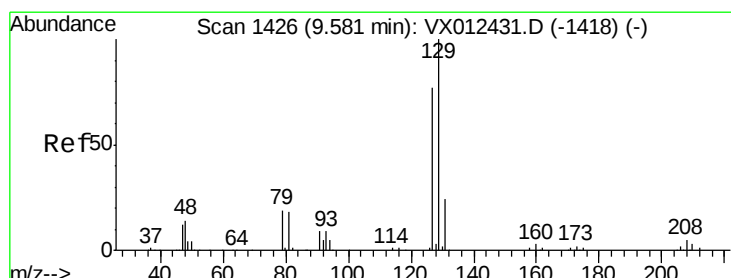
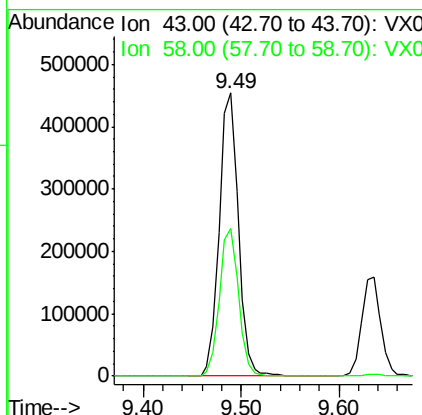
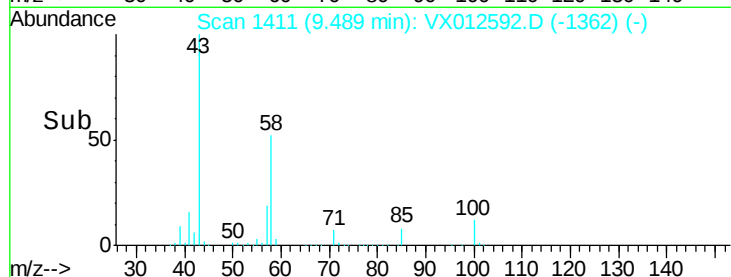
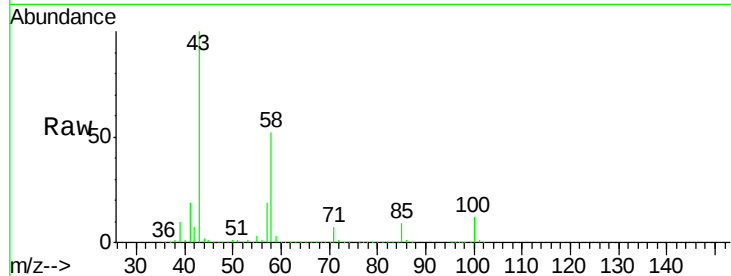
#59
2-Hexanone
Concen: 248.231 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Tot Ion: 43 Resp: 616947
Ion Ratio Lower Upper
43 100
58 52.4 25.7 77.1

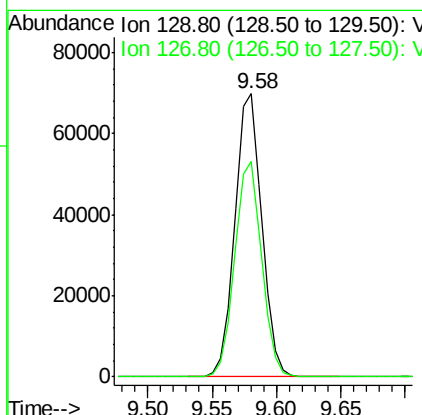
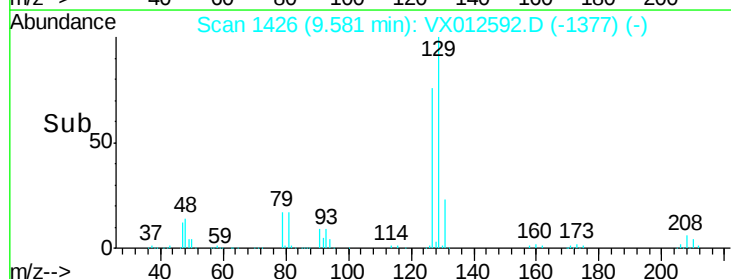
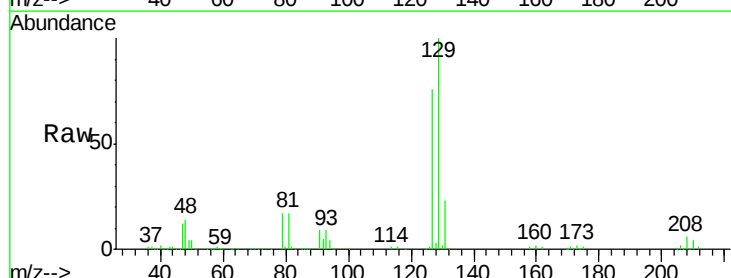
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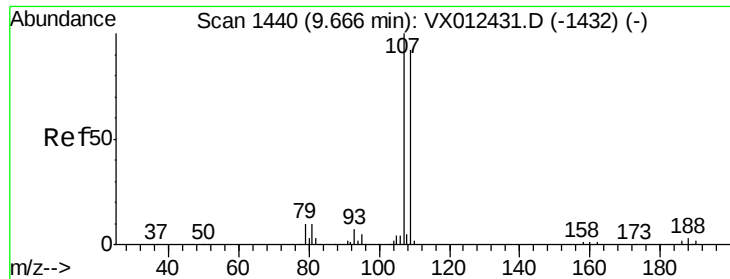
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#60
Dibromochloromethane
Concen: 53.613 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Tgt Ion: 129 Resp: 101652
Ion Ratio Lower Upper
129 100
127 75.9 38.9 116.6





#61

1,2-Dibromoethane

Concen: 52.781 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 89728

Ion Ratio Lower Upper

107 100

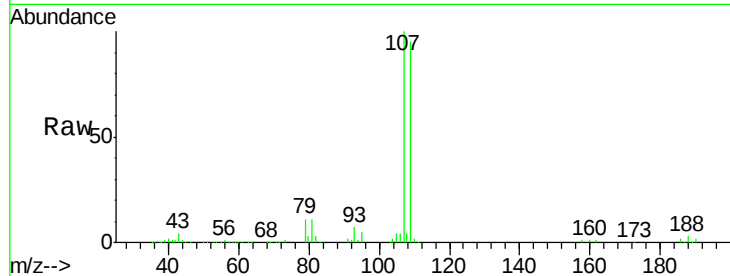
109 94.1 74.7 112.1

Manual Integrations

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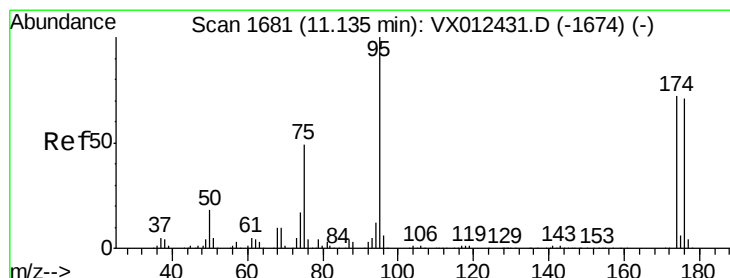
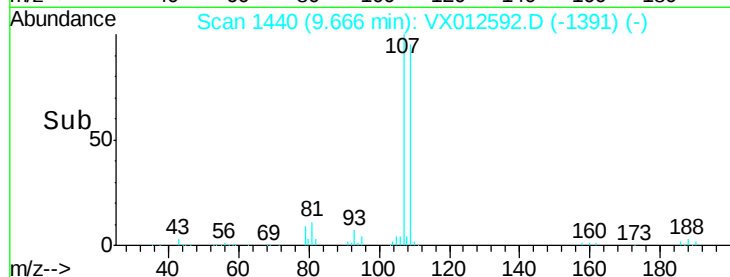
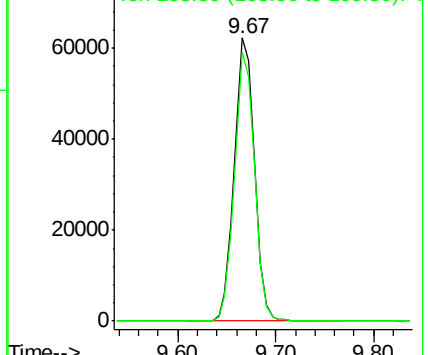
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.809 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

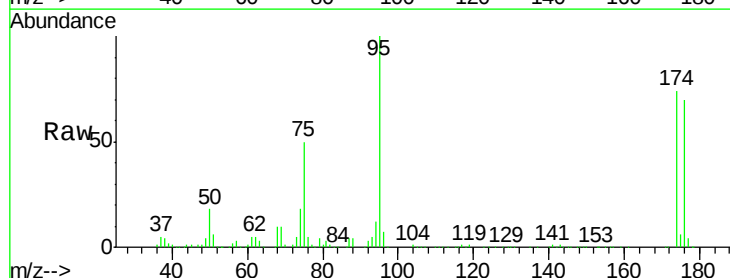
Tgt Ion: 95 Resp: 137119

Ion Ratio Lower Upper

95 100

174 71.6 0.0 140.0

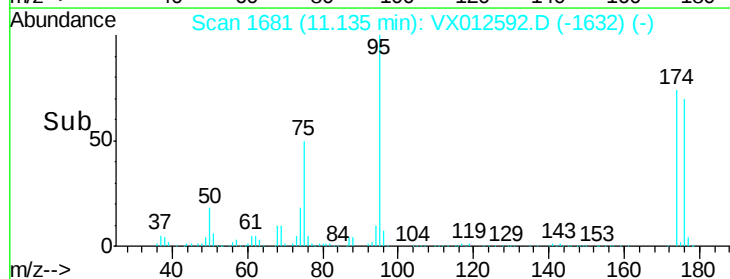
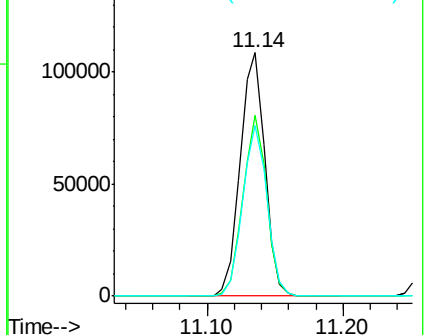
176 69.5 0.0 135.4

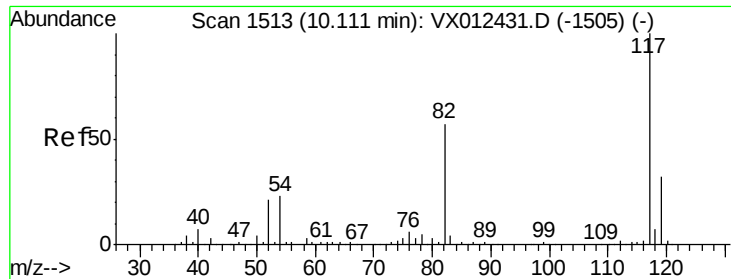


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





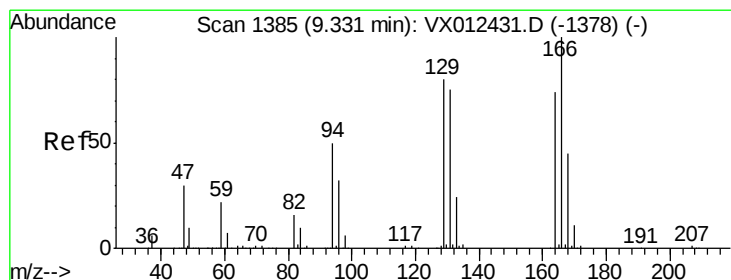
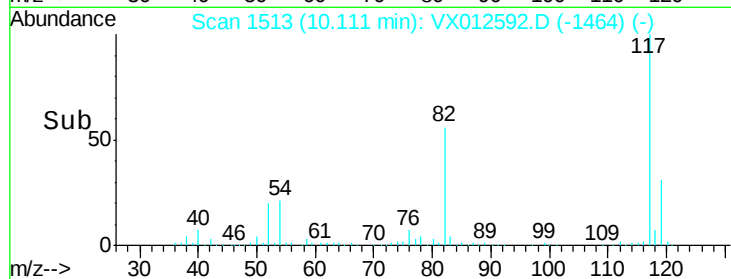
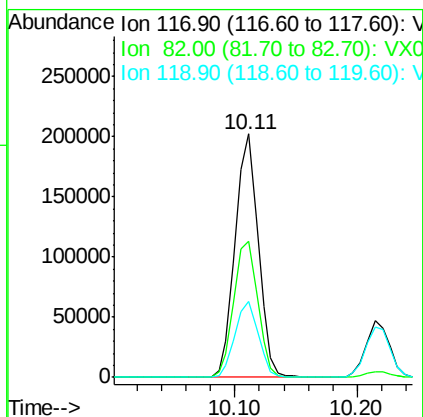
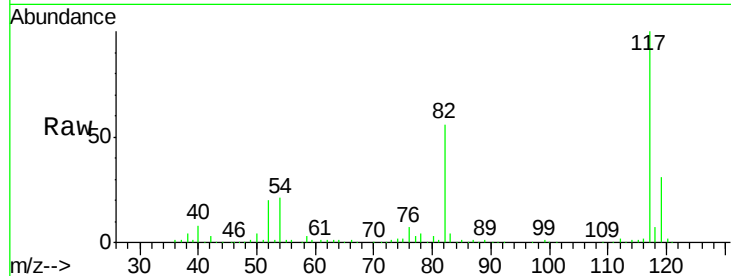
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	45.9	68.9
119	31.3	25.3	37.9

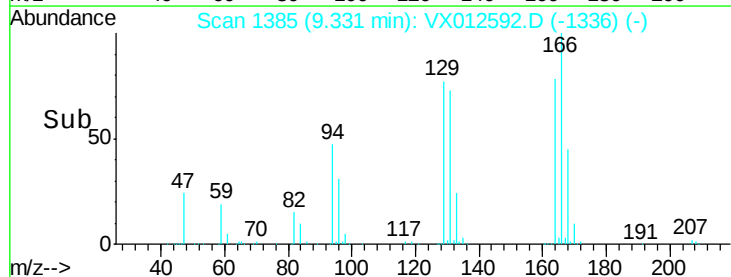
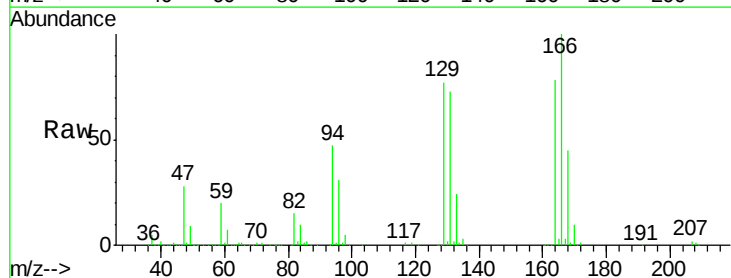
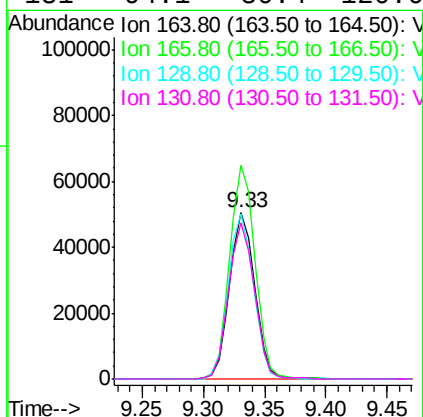
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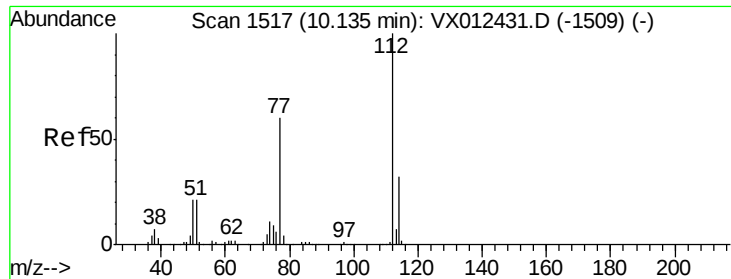
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#64
Tetrachloroethene
Concen: 59.430 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.5	107.8	161.6
129	99.4	86.2	129.2
131	94.1	80.4	120.6





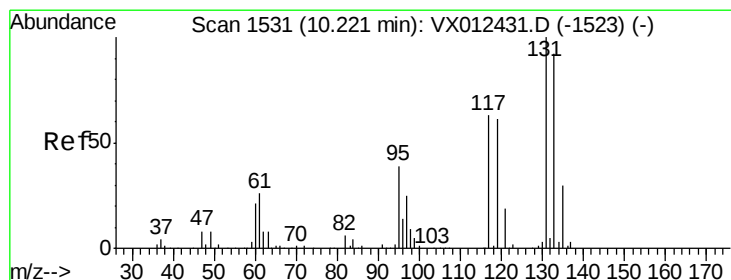
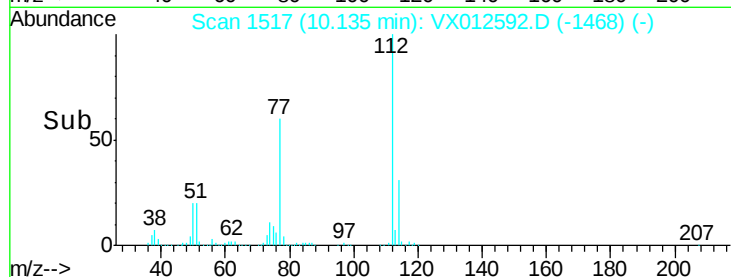
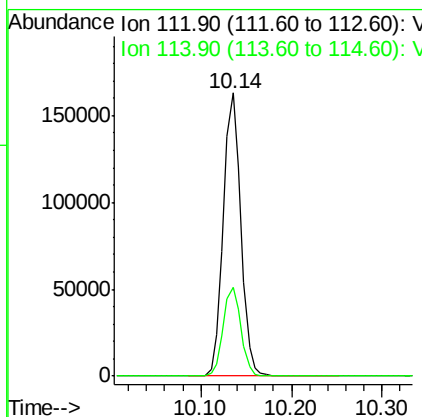
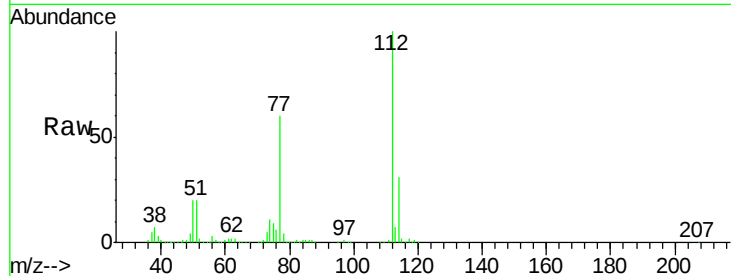
#65
Chlorobenzene
Concen: 50.424 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.4	38.0

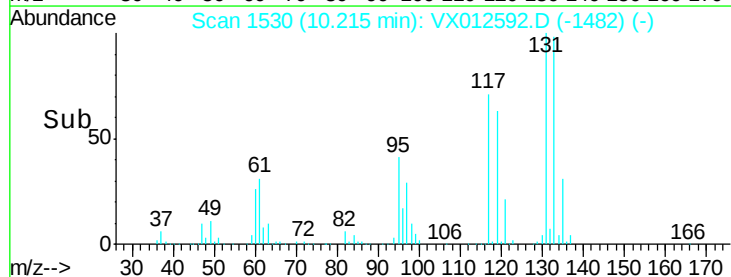
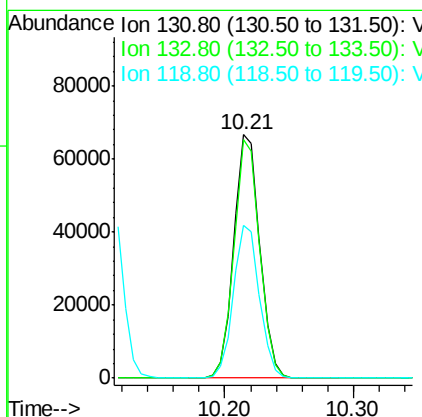
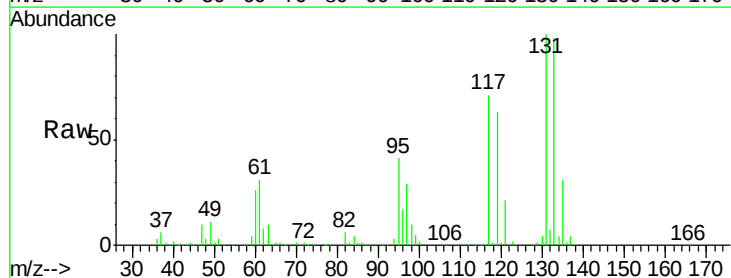
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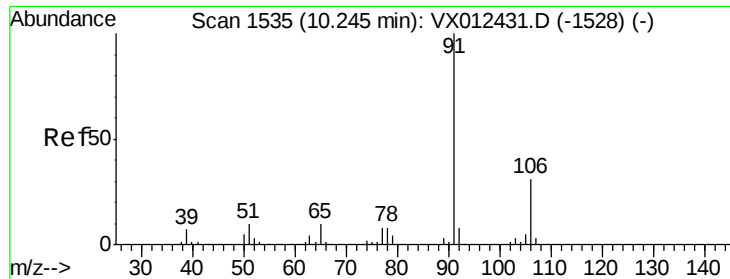
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.624 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.2	47.6	142.9
119	63.2	31.3	93.8





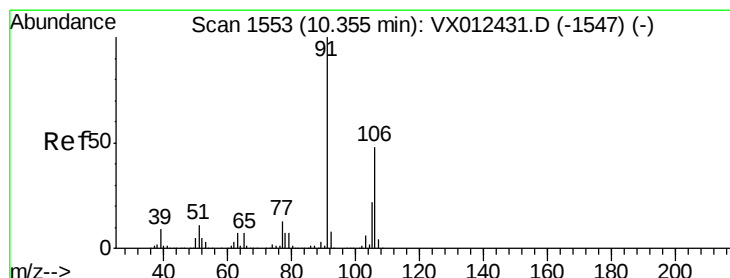
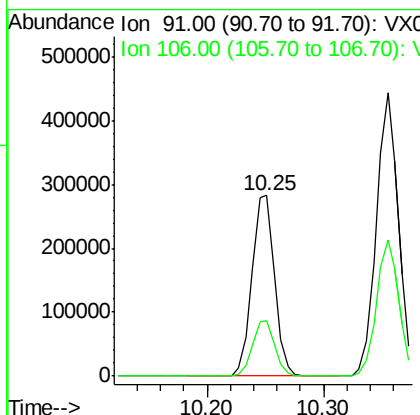
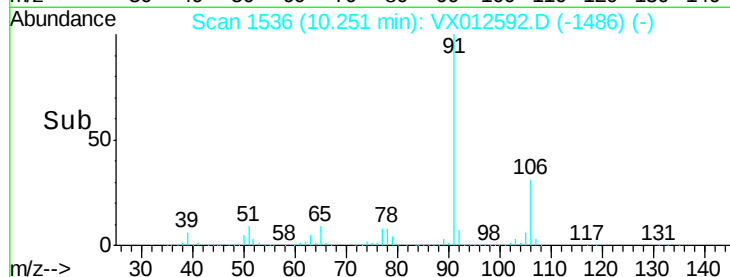
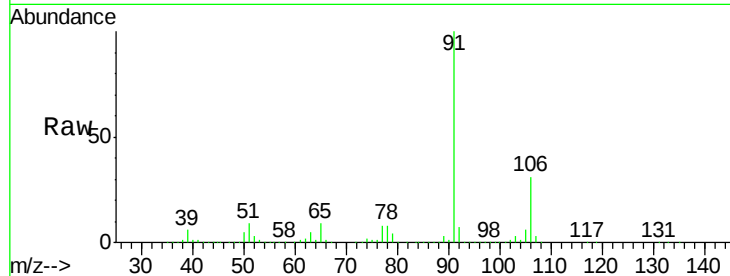
#67
Ethyl Benzene
Concen: 51.110 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 383684
Ion Ratio Lower Upper
91 100
106 31.1 24.6 37.0

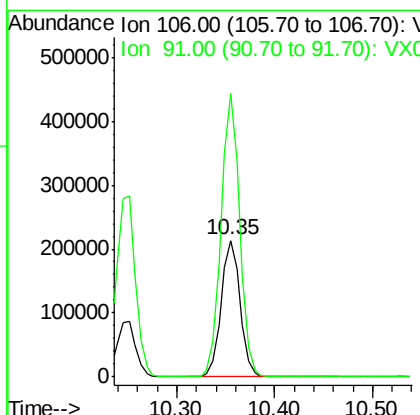
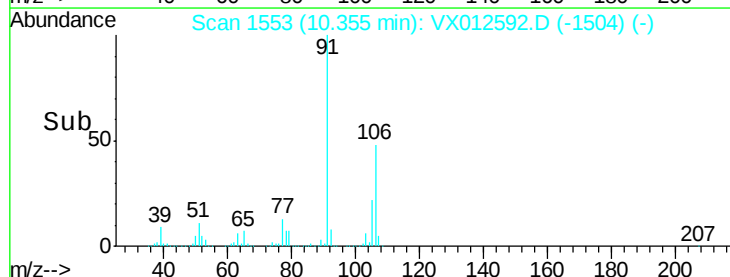
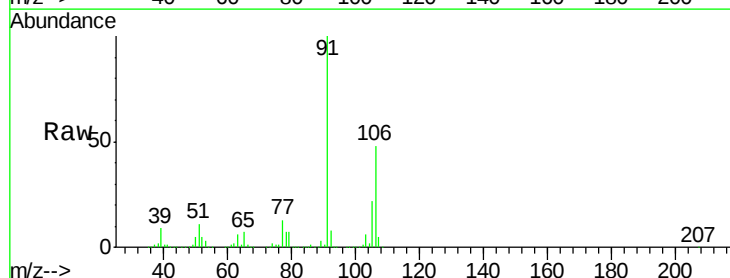
Manual Integrations
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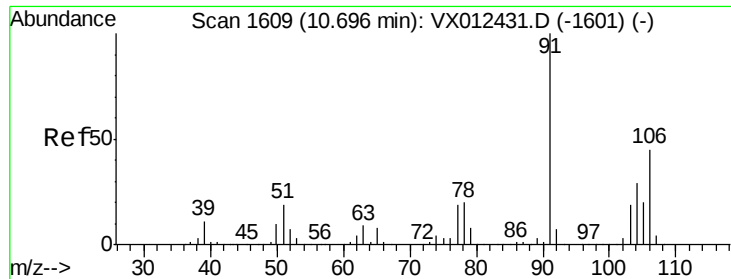
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#68
m/p-Xylenes
Concen: 104.373 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Tgt Ion: 106 Resp: 285088
Ion Ratio Lower Upper
106 100
91 204.8 166.6 250.0





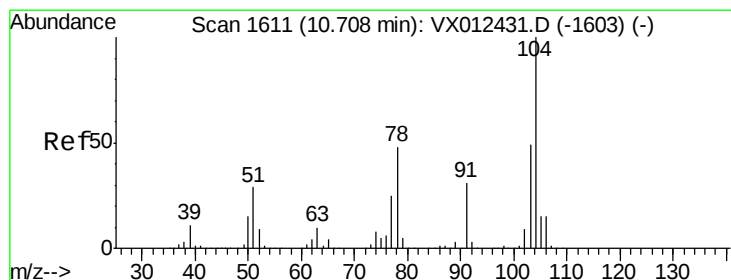
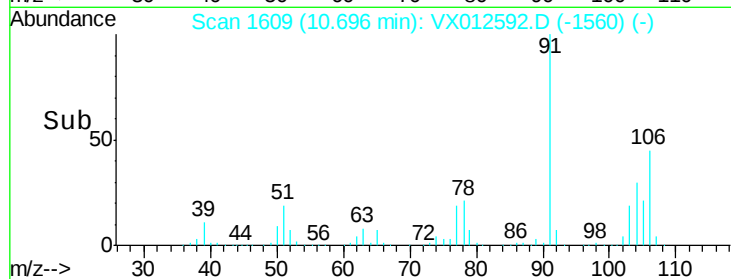
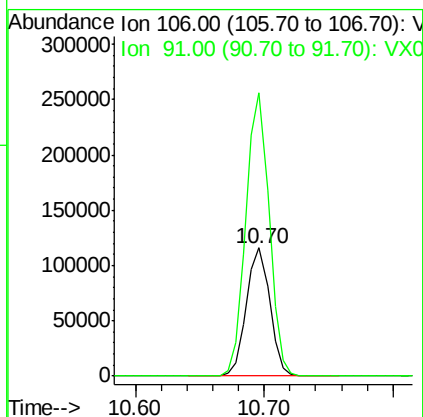
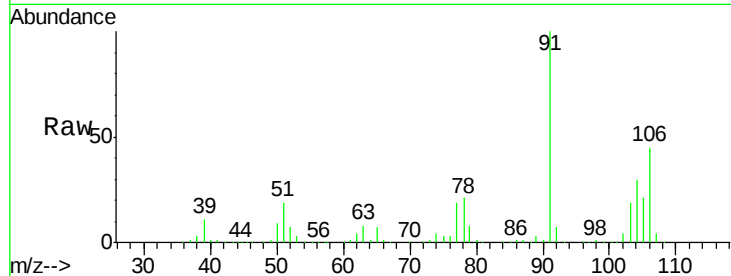
#69
o-Xylene
Concen: 51.709 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 145254
Ion Ratio Lower Upper
106 100
91 219.3 109.4 328.2

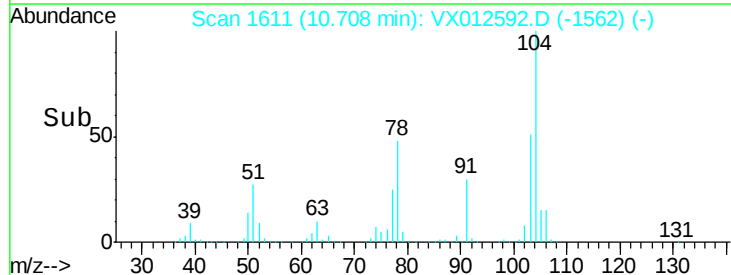
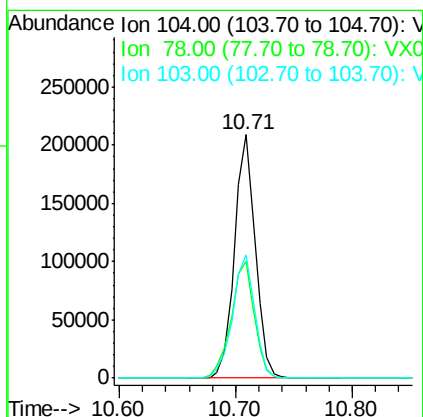
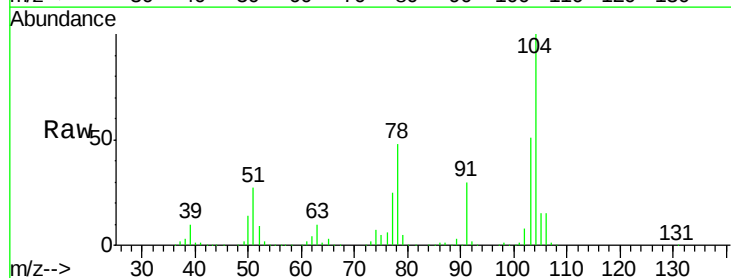
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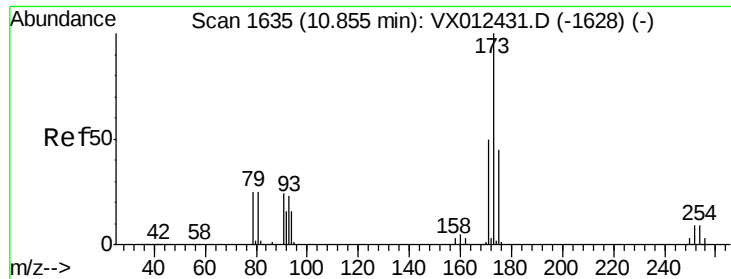
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#70
Styrene
Concen: 52.537 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Tgt Ion:104 Resp: 261110
Ion Ratio Lower Upper
104 100
78 53.6 43.4 65.2
103 54.4 43.3 64.9





#71

Bromoform

Concen: 45.300 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 70284

Ion Ratio Lower Upper

173 100

175 47.8 23.7 71.1

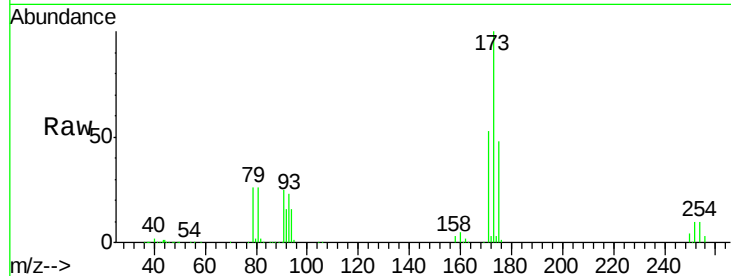
254 0.0 0.1 0.1#

Manual Integrations

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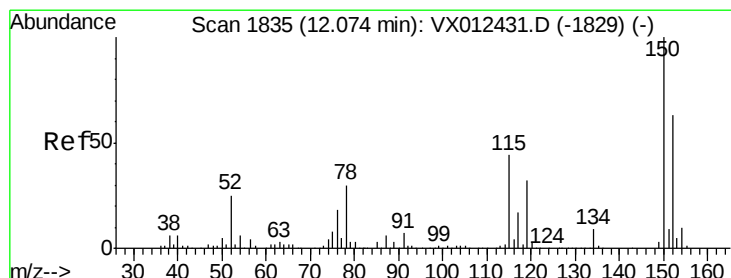
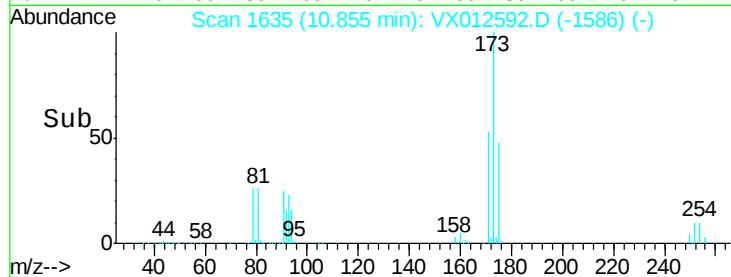
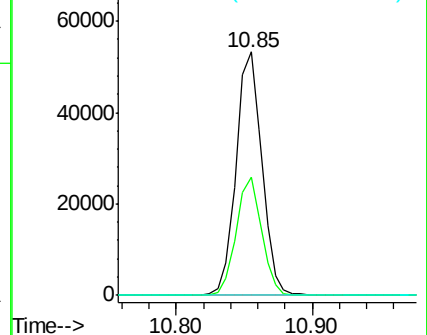
9/23/2019 11:29:17 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

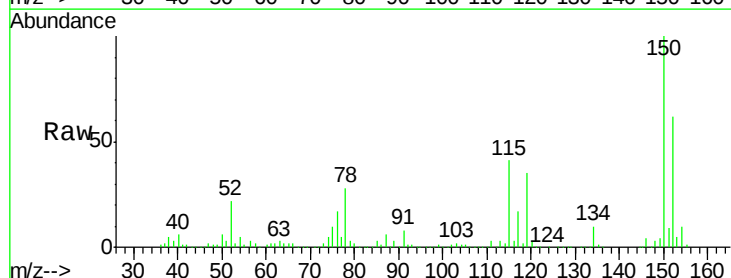
Tgt Ion:152 Resp: 128108

Ion Ratio Lower Upper

152 100

115 84.0 44.1 132.3

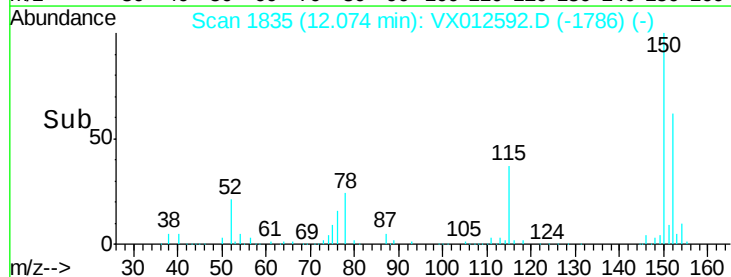
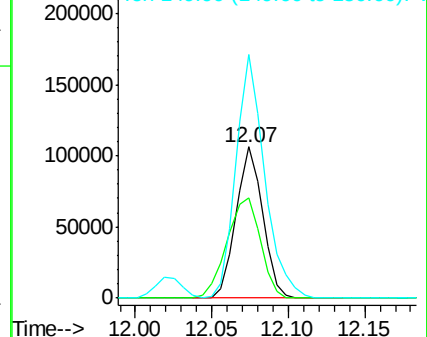
150 173.8 0.0 343.8

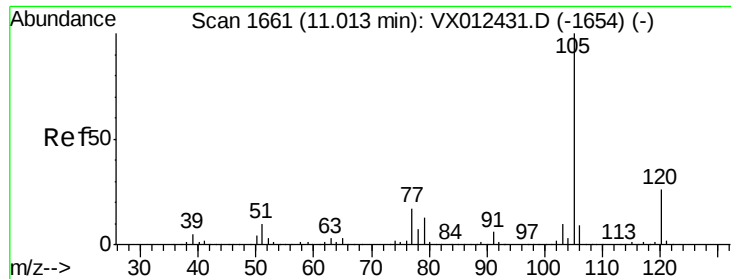


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.565 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 406441

Ion Ratio Lower Upper

105 100

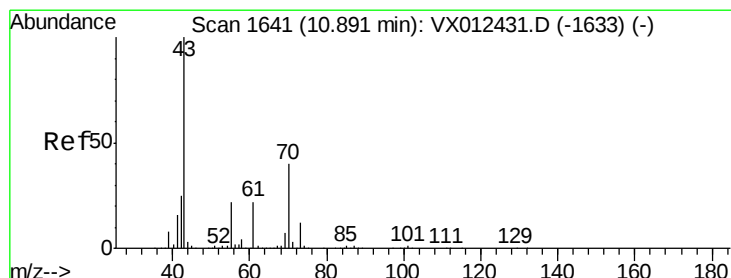
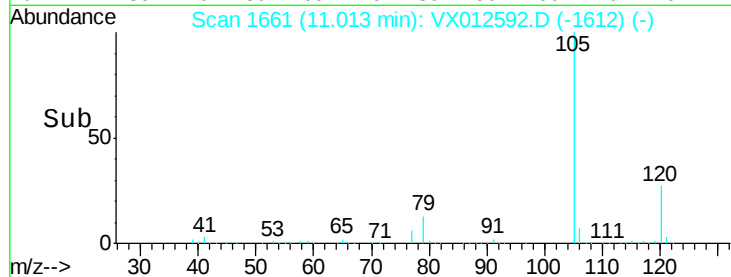
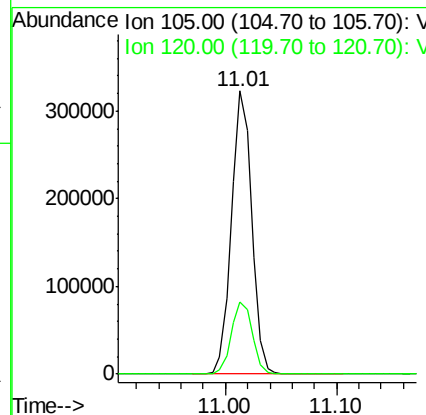
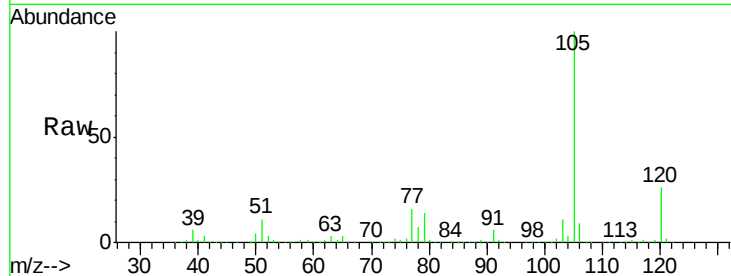
120 26.5 12.9 38.7

Manual Integrations

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9/23/2019 11:29:17 AM



#74

N-ethyl acetate

Concen: 50.856 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Tgt Ion: 43 Resp: 220081

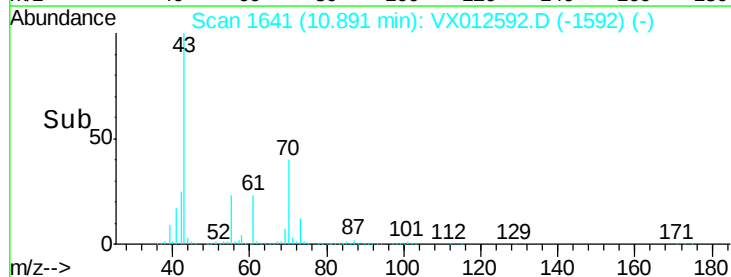
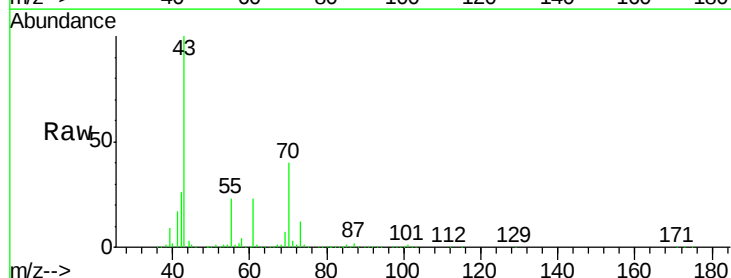
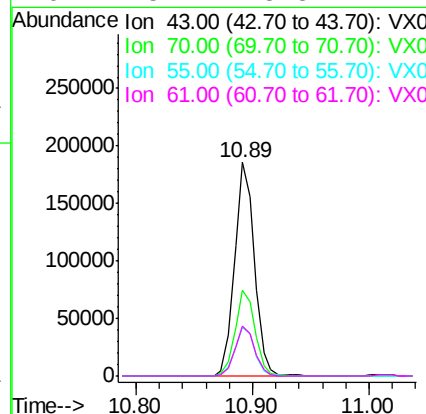
Ion Ratio Lower Upper

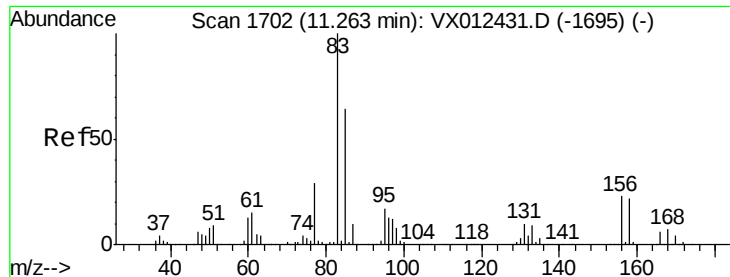
43 100

70 40.5 32.4 48.6

55 23.2 18.2 27.4

61 23.4 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 50.071 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

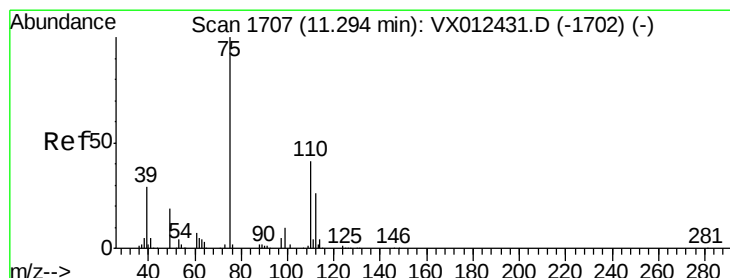
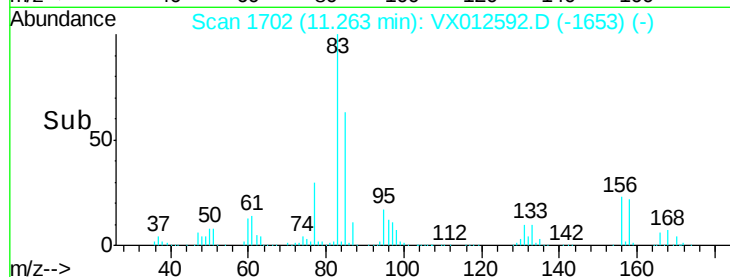
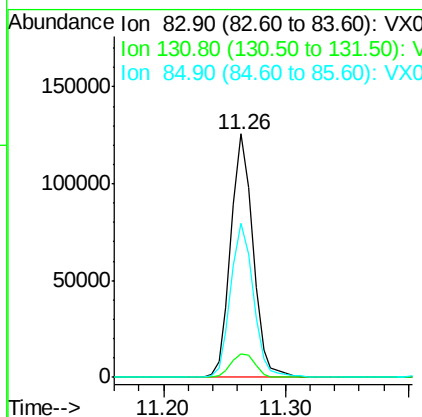
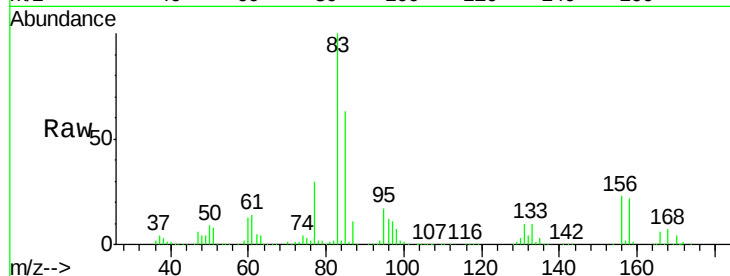
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	157879
Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.2	15.6
85	64.9	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 49.712 ug/l m

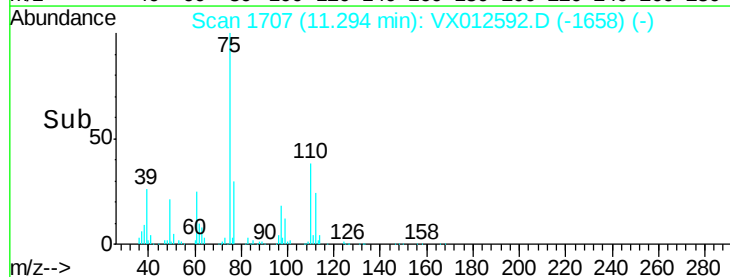
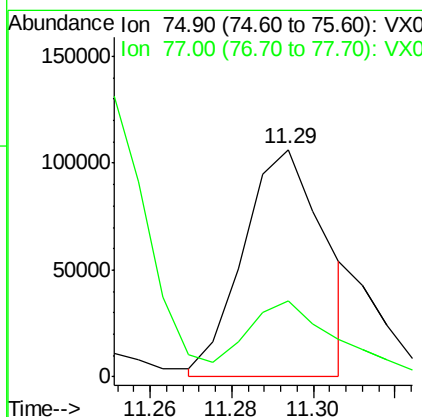
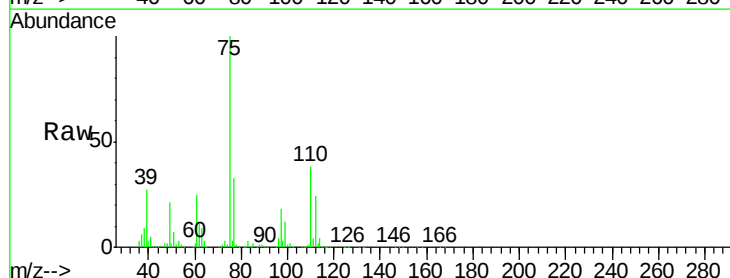
RT: 11.29 min Scan# 1707

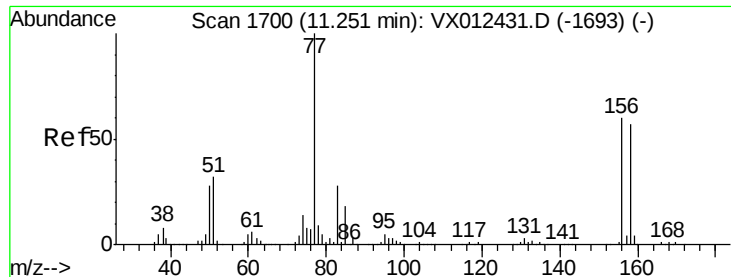
Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Tgt Ion:	75	Resp:	146289
Ion	Ratio	Lower	Upper
75	100		
77	37.1	19.7	59.0





#77

Bromobenzene

Concen: 51.017 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

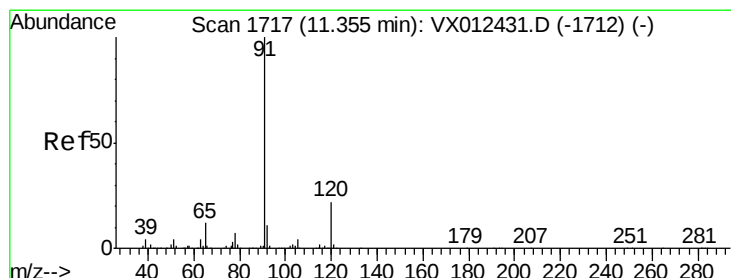
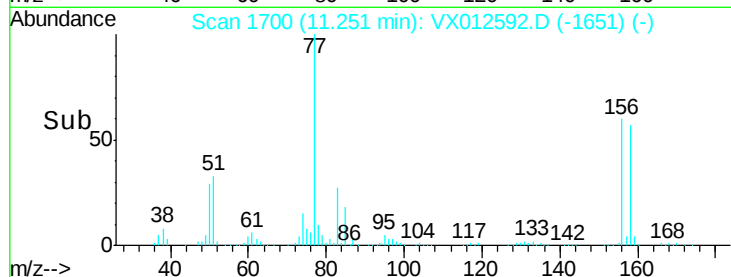
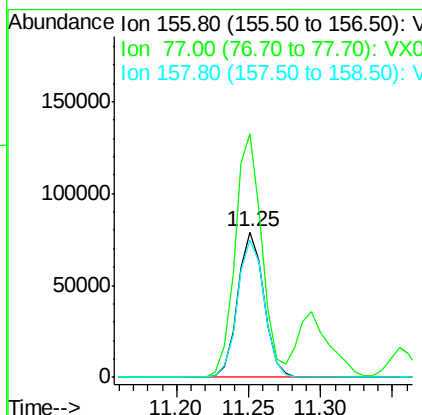
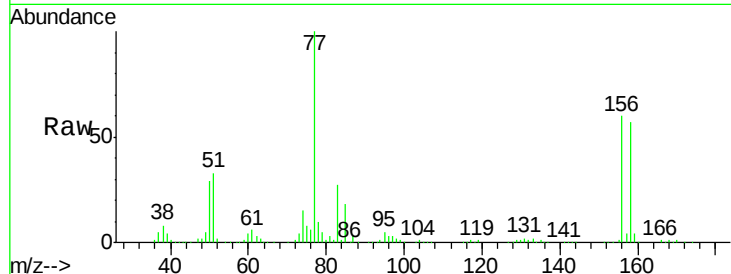
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	172.3	87.3	261.8
158	97.1	48.5	145.6

Manual Integrations
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#78

n-propylbenzene

Concen: 49.925 ug/l

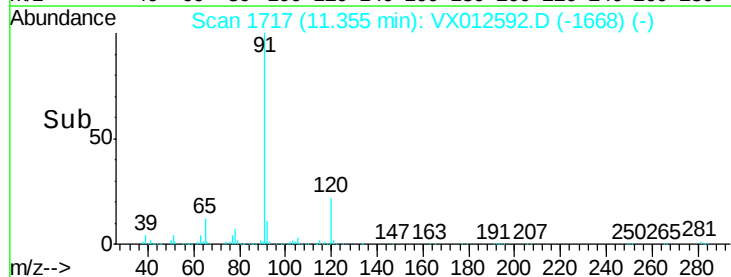
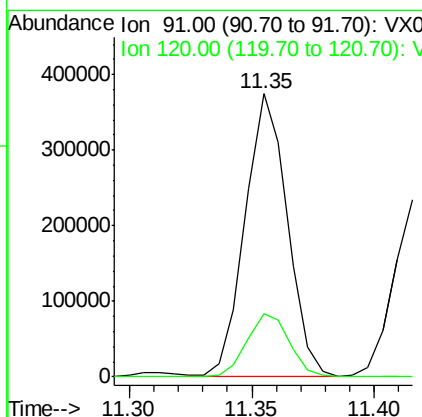
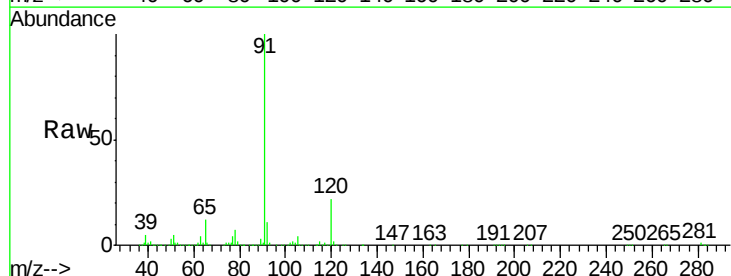
RT: 11.35 min Scan# 1717

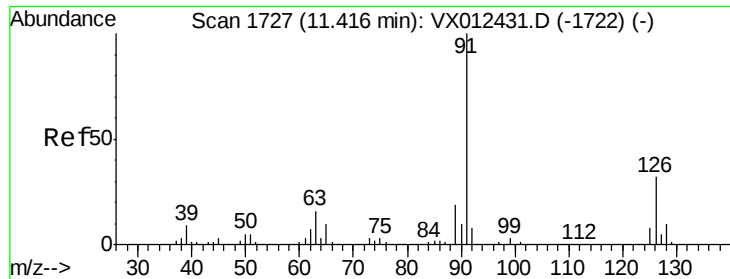
Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.3	33.8





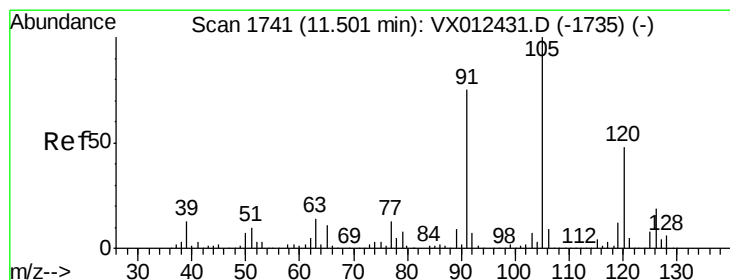
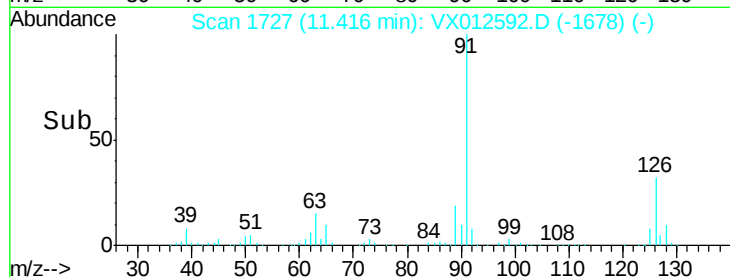
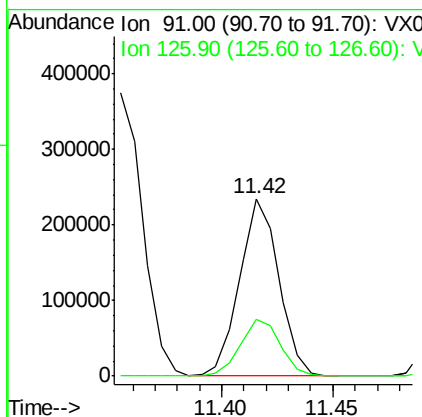
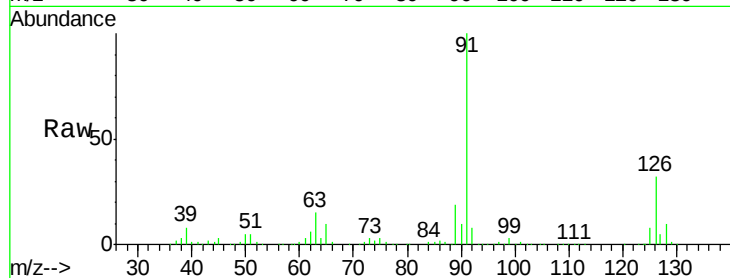
#79
2-Chlorotoluene
Concen: 49.320 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 287442
Ion Ratio Lower Upper
91 100
126 32.7 16.4 49.4

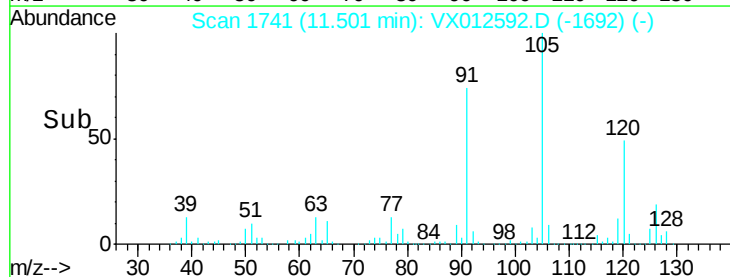
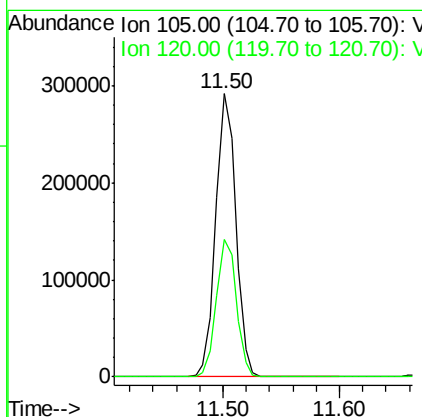
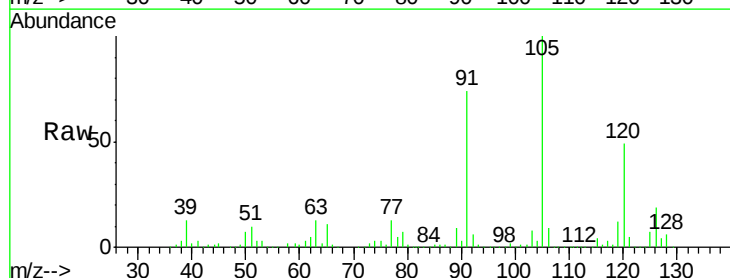
Manual Integrations
APPROVED

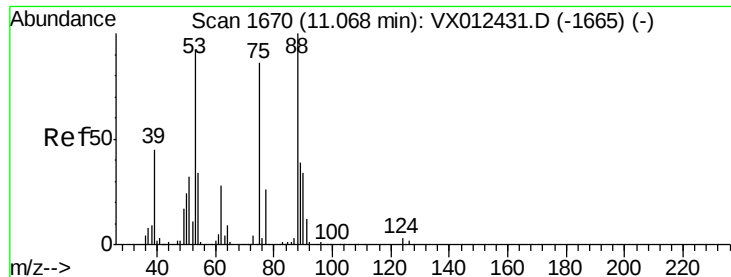
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#80
1,3,5-Trimethylbenzene
Concen: 50.275 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Tgt Ion: 105 Resp: 344645
Ion Ratio Lower Upper
105 100
120 48.9 24.3 72.8





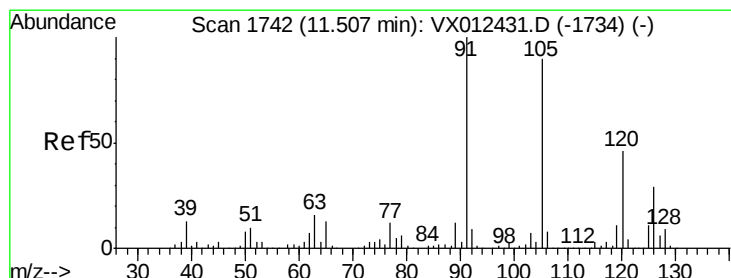
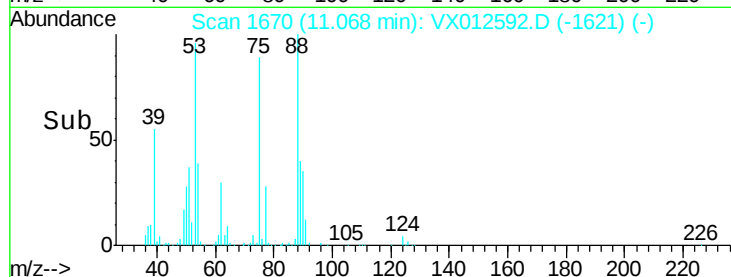
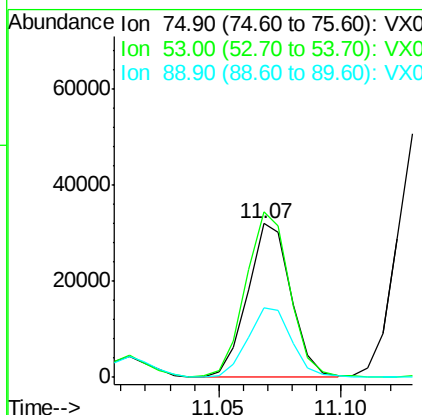
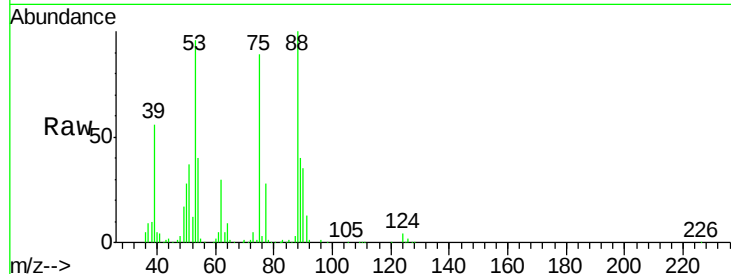
#81
trans-1,4-Dichloro-2-butene
Concen: 37.498 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	109.4	83.6	125.4
89	46.3	36.3	54.5

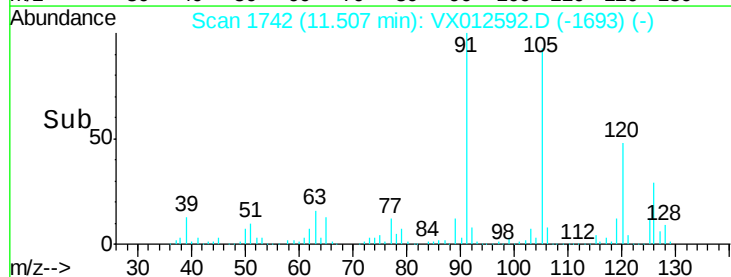
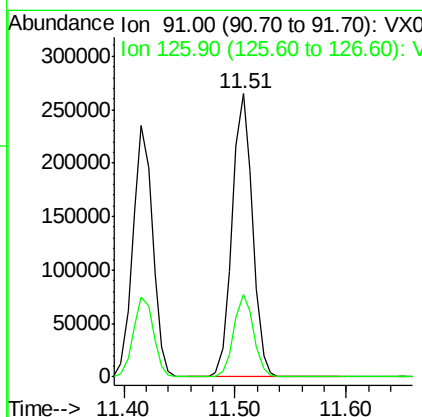
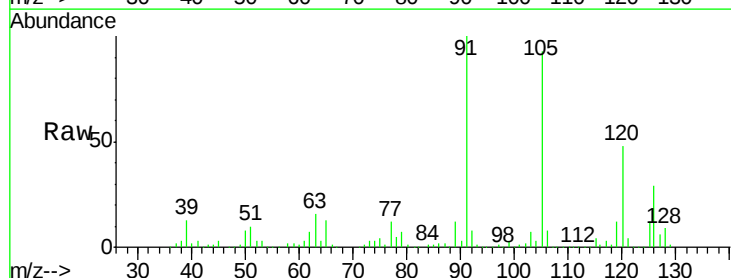
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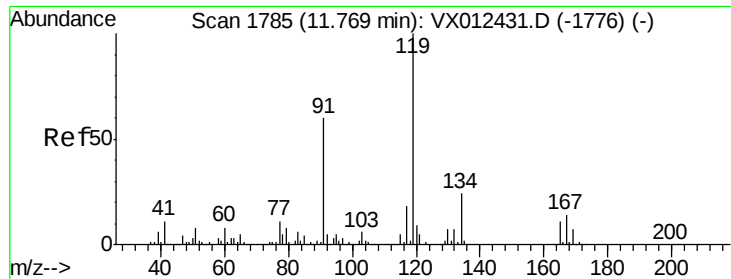
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#82
4-Chlorotoluene
Concen: 49.834 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.5	14.4	43.0





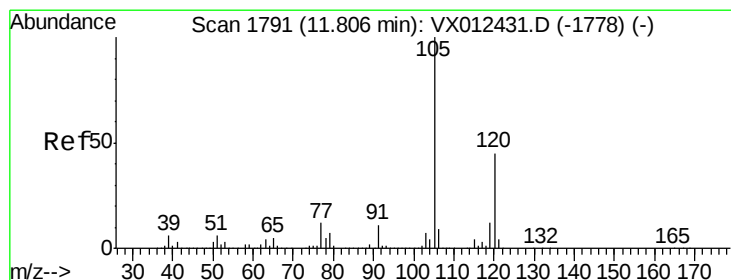
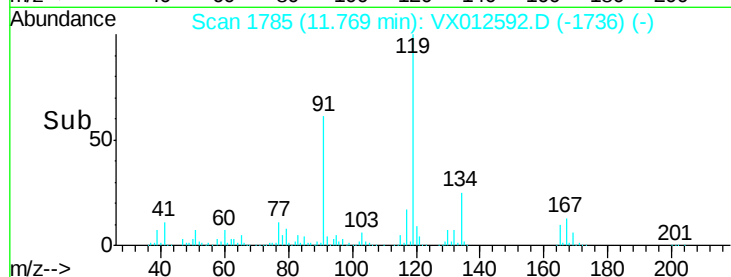
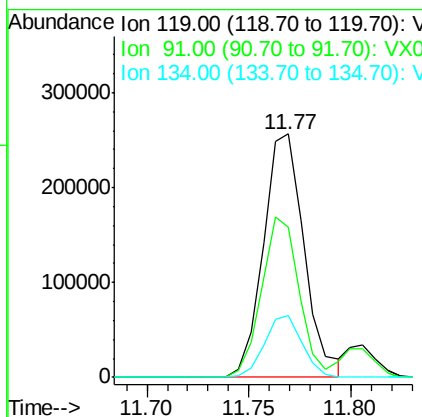
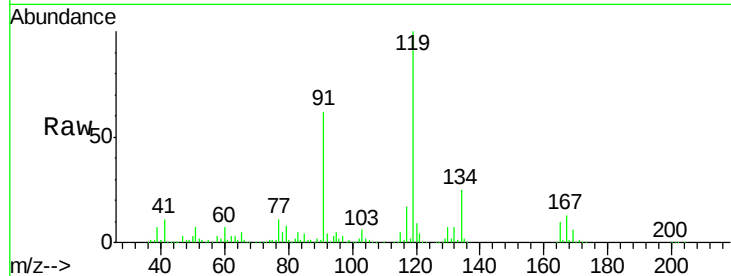
#83
tert-Butylbenzene
Concen: 48.607 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.7	30.0	90.0
134	23.5	11.3	33.9

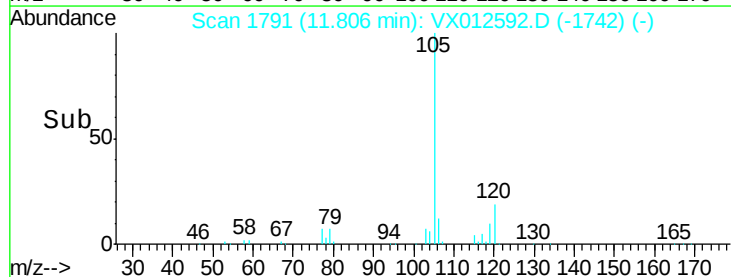
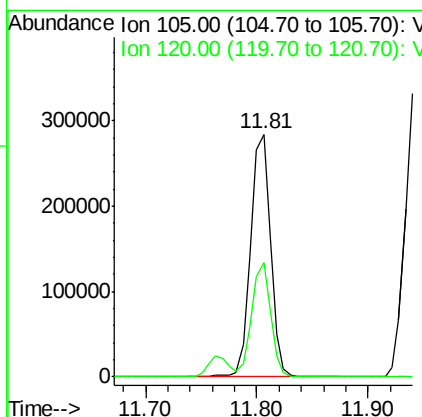
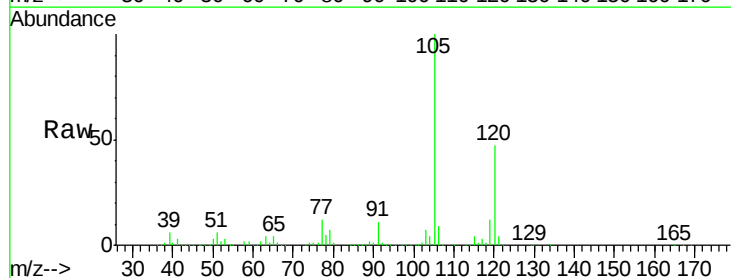
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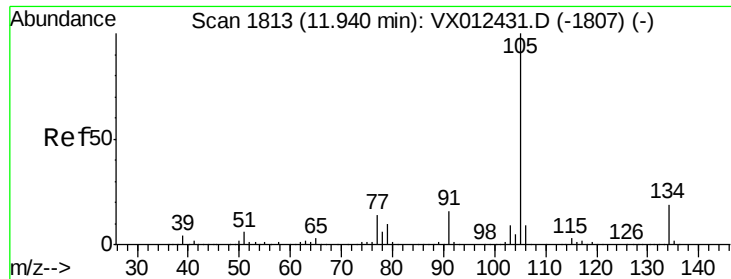
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#84
1,2,4-Trimethylbenzene
Concen: 50.283 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.2	66.6





#85

sec-Butylbenzene

Concen: 49.967 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 404446

Ion Ratio Lower Upper

105 100

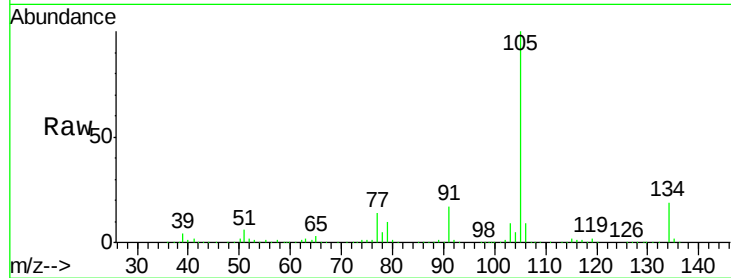
134 19.9 9.8 29.4

Manual Integrations

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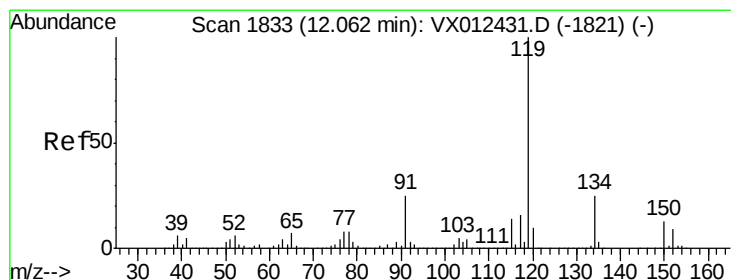
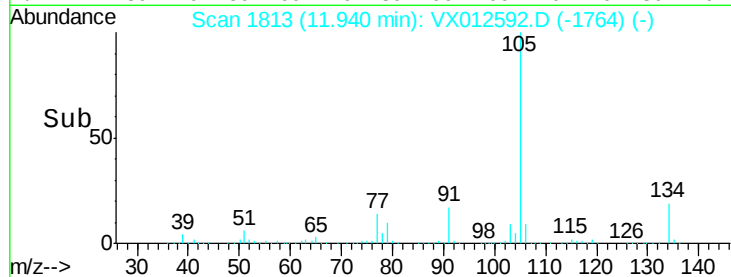
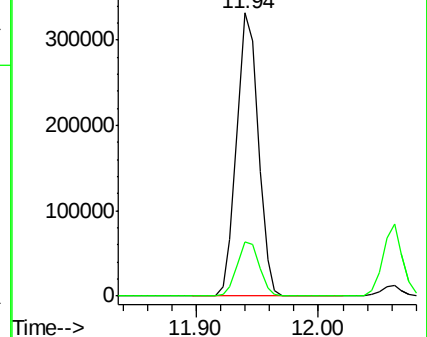
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.849 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

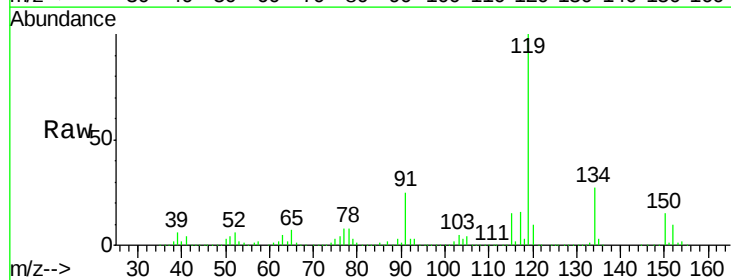
Tgt Ion:119 Resp: 370511

Ion Ratio Lower Upper

119 100

134 25.7 12.7 38.1

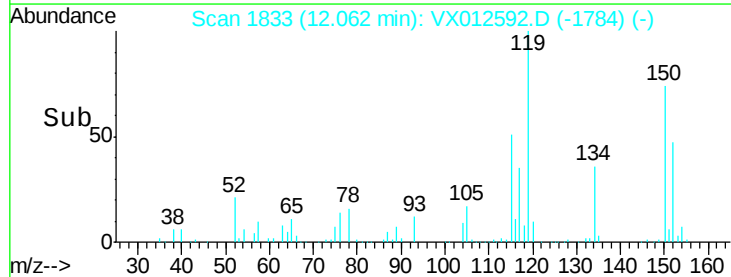
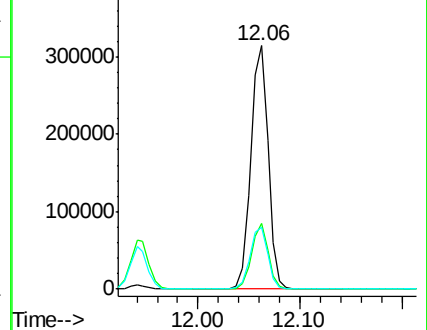
91 25.8 12.8 38.4

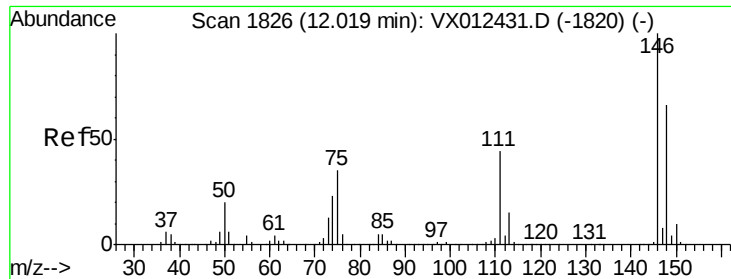


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





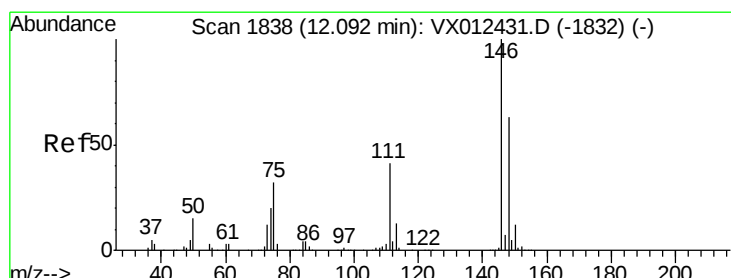
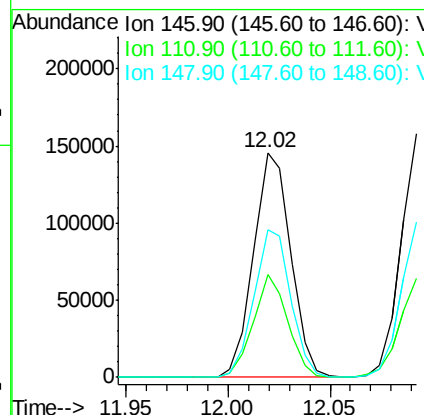
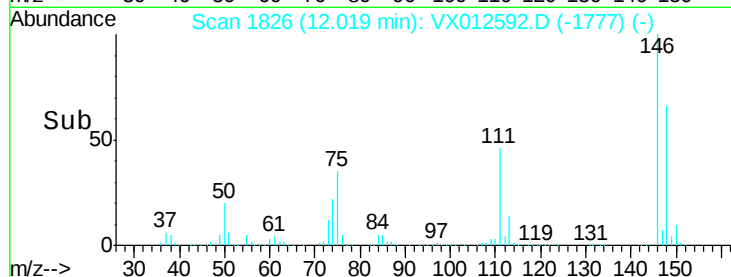
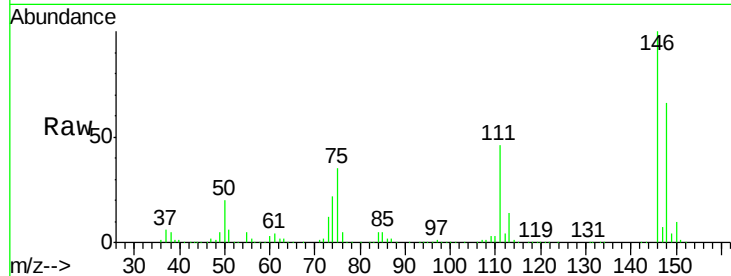
#87
 1,3-Dichlorobenzene
 Concen: 50.269 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012592.D
 Acq: 21 Sep 2019 05:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.3	64.0
148	65.1	32.4	97.2

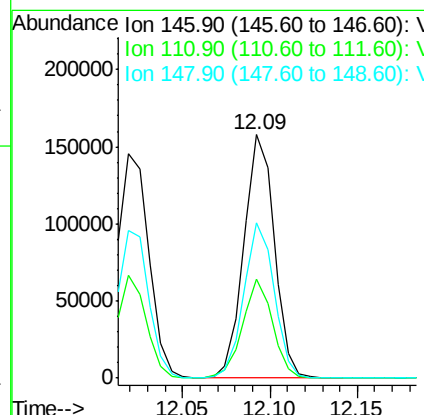
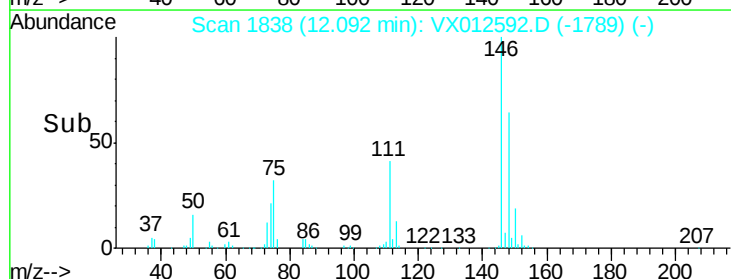
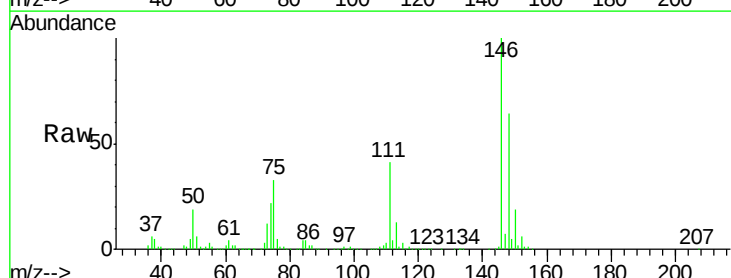
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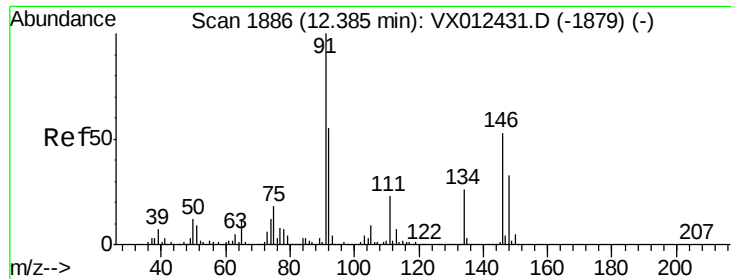
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#88
 1,4-Dichlorobenzene
 Concen: 50.536 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012592.D
 Acq: 21 Sep 2019 05:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	21.1	63.3
148	63.3	32.1	96.5





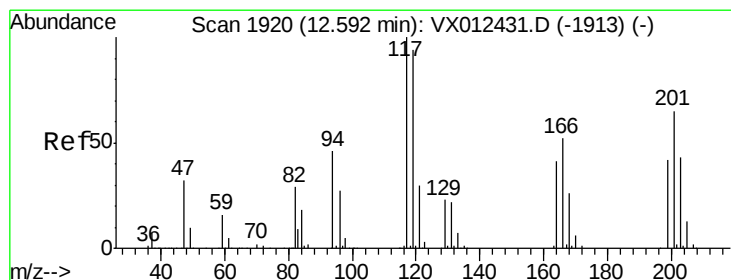
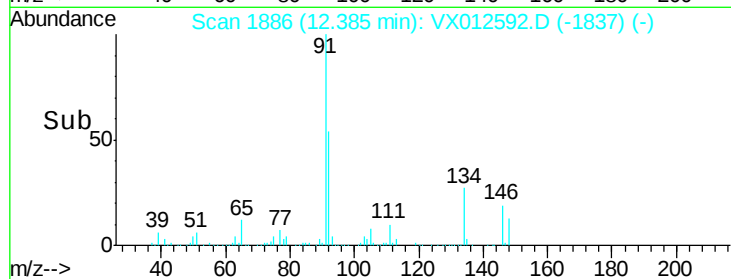
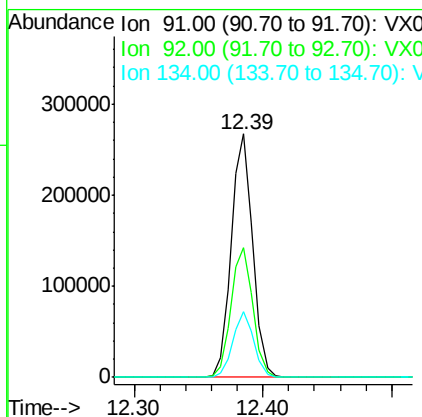
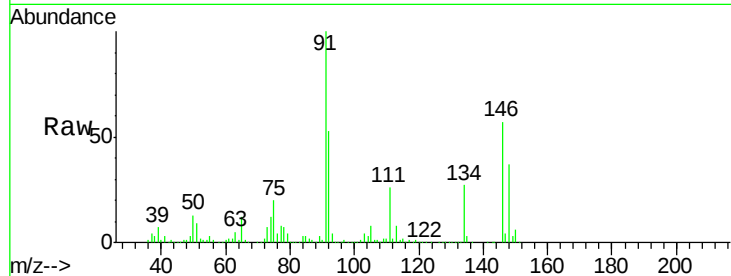
#89
n-Butylbenzene
Concen: 46.961 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
92	54.4	27.7	83.0		
134	26.0	12.9	38.6		

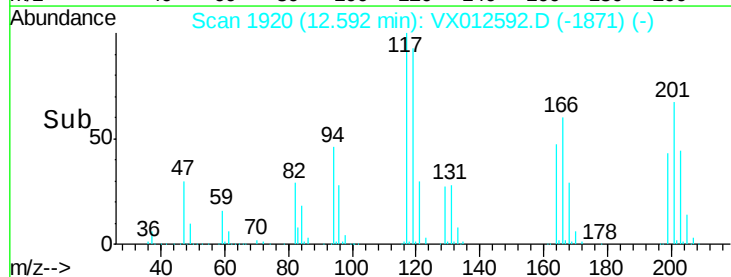
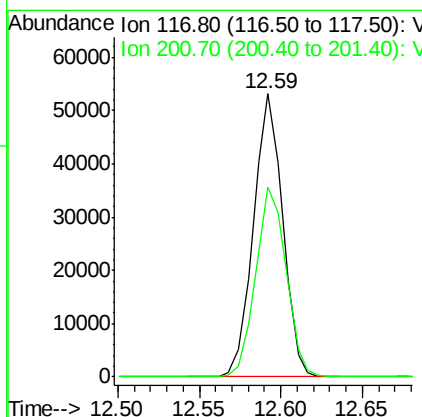
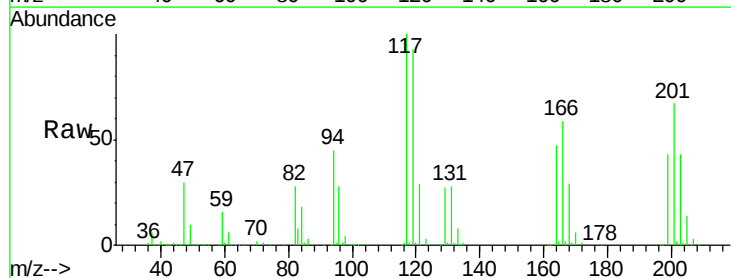
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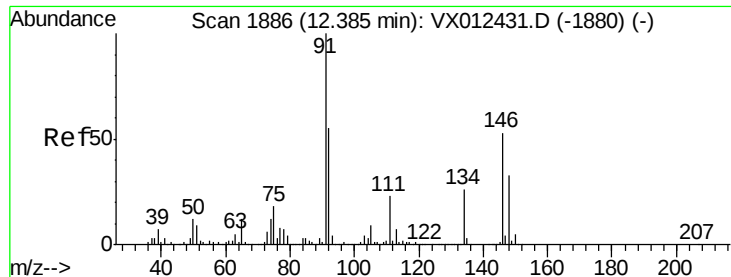
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#90
Hexachloroethane
Concen: 48.637 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
201	69.8	33.3	99.8		





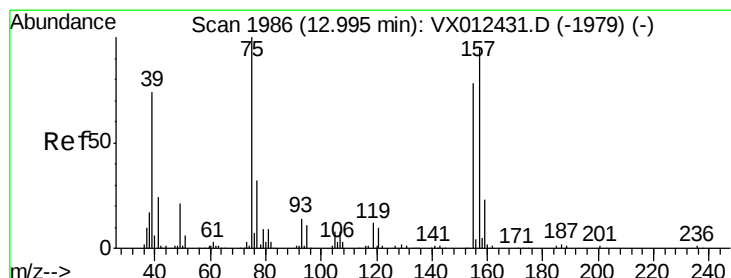
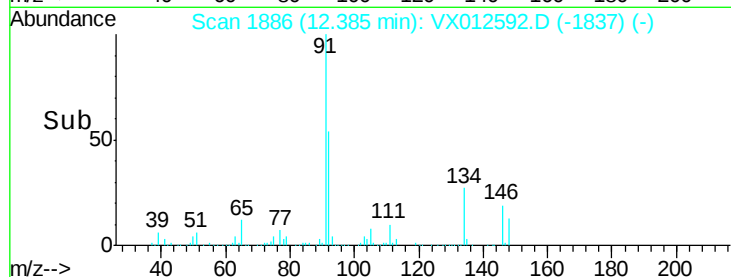
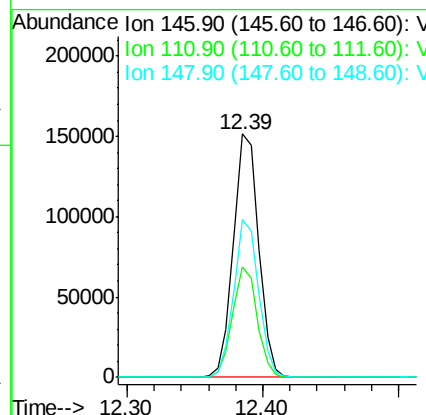
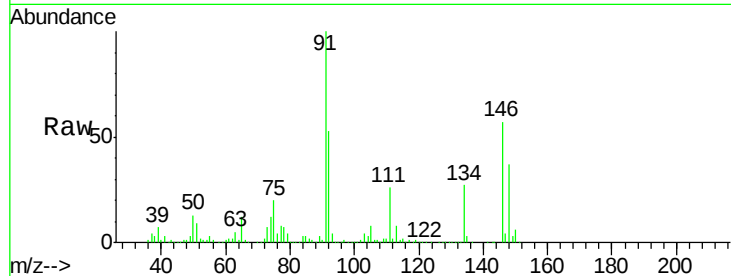
#91
 1,2-Dichlorobenzene
 Concen: 50.942 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012592.D
 Acq: 21 Sep 2019 05:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	196338		
111	44.4	22.1	66.1	
148	63.8	31.3	93.9	

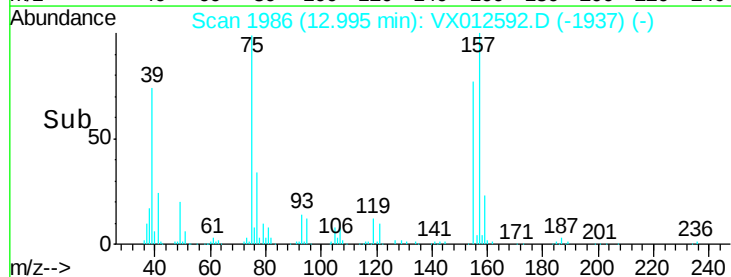
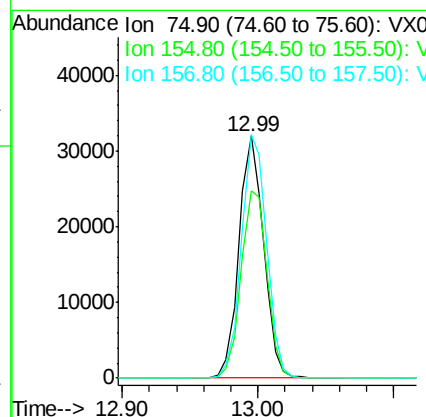
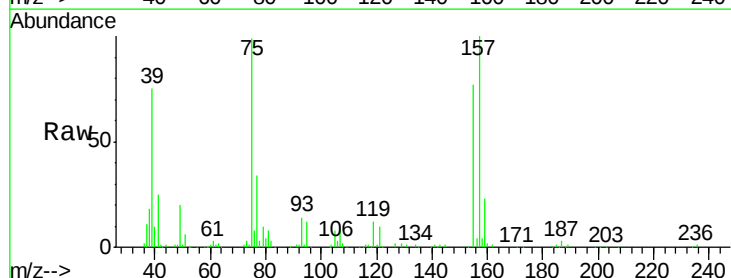
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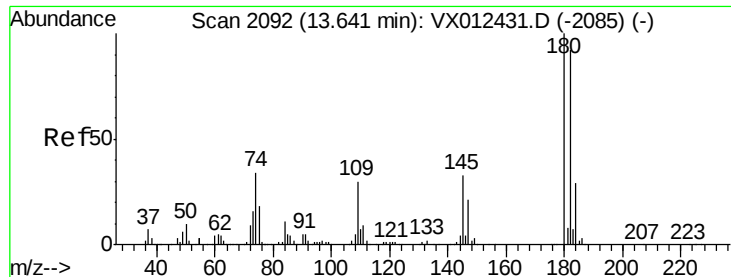
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.210 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012592.D
 Acq: 21 Sep 2019 05:35

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	40227		
155	81.6	38.6	115.8	
157	103.0	50.6	151.9	





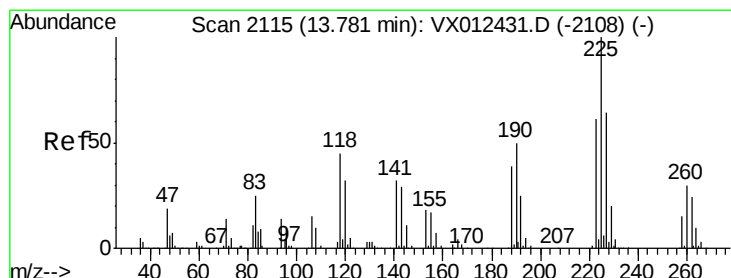
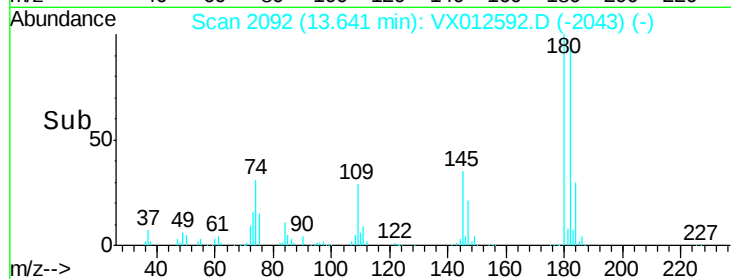
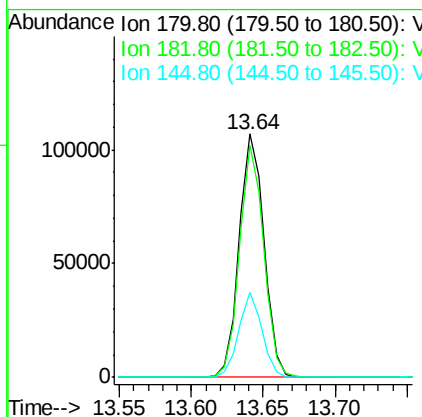
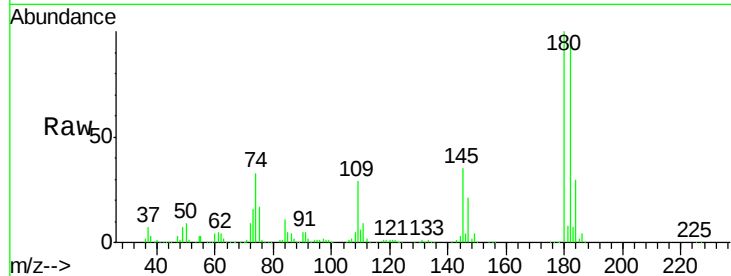
#93
 1,2,4-Trichlorobenzene
 Concen: 51.616 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012592.D
 Acq: 21 Sep 2019 05:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	128138		
182	93.2	47.0	141.0	
145	33.1	16.8	50.4	

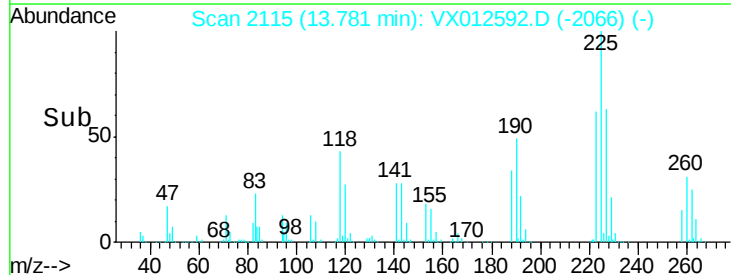
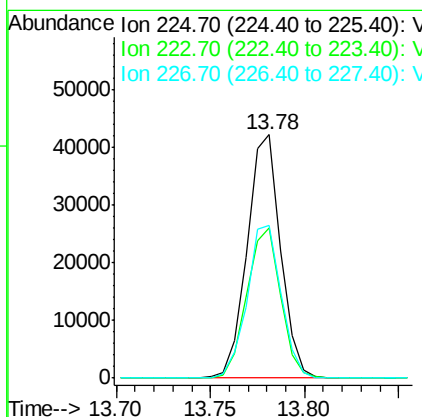
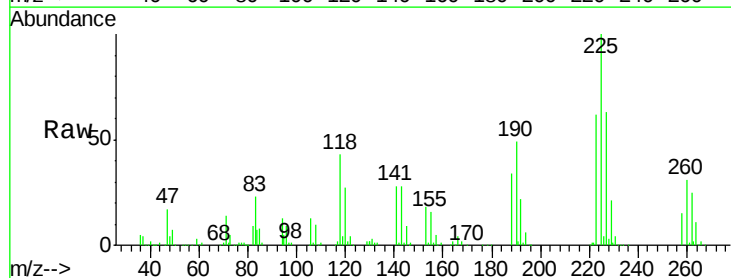
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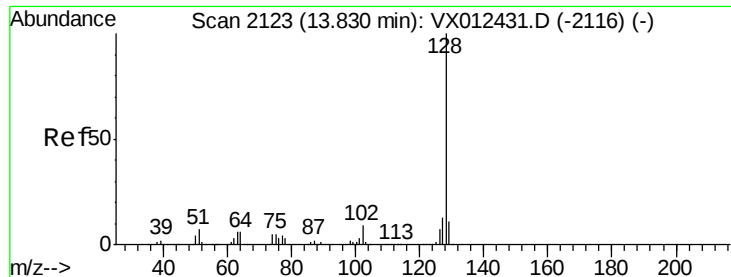
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#94
 Hexachlorobutadiene
 Concen: 44.292 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VX012592.D
 Acq: 21 Sep 2019 05:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	51824		
223	62.5	32.0	96.2	
227	64.4	31.9	95.5	





#95

Naphthalene

Concen: 53.746 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

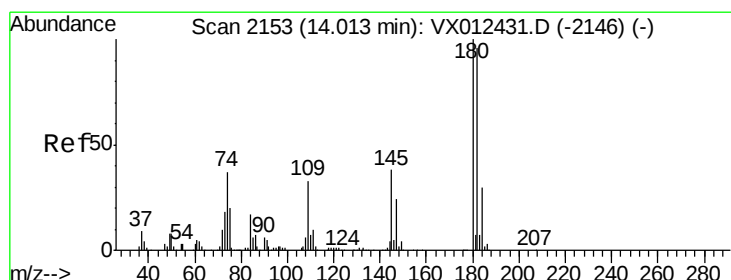
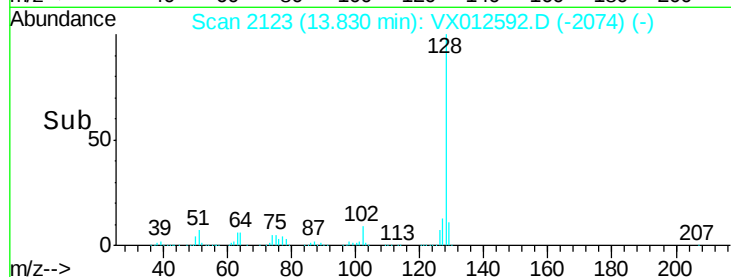
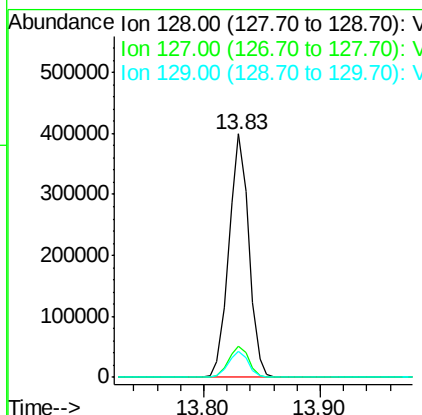
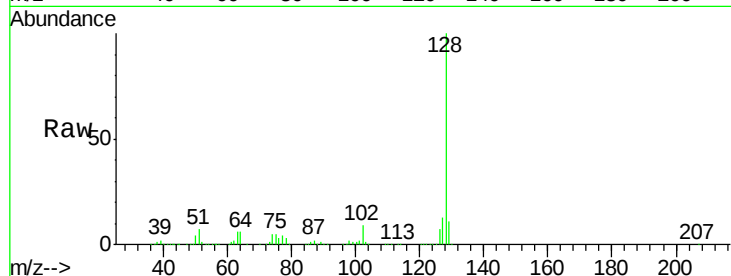
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	474755
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	10.6	8.8	13.2

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#96

1,2,3-Trichlorobenzene

Concen: 52.406 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Tgt Ion:	180	Resp:	132576
Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.1	141.3
145	35.8	18.0	54.0

