

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092019\
 Data File : VX012570.D
 Acq On : 20 Sep 2019 20:16
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/23/2019 11:28:39 AM

Quant Time: Sep 21 03:42:07 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	179447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	299508	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	271039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	131921	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	125400	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
35) Dibromofluoromethane	5.49	113	91424	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
50) Toluene-d8	8.71	98	336826	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
62) 4-Bromofluorobenzene	11.14	95	138165	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	53616	44.824	ug/l 97
3) Chloromethane	1.32	50	47577	48.226	ug/l 100
4) Vinyl Chloride	1.40	62	51589	48.382	ug/l 92
5) Bromomethane	1.62	94	18336	43.770	ug/l 100
6) Chloroethane	1.70	64	36768	44.065	ug/l 98
7) Trichlorofluoromethane	1.92	101	97184	49.719	ug/l 97
8) Diethyl Ether	2.18	74	43593	49.377	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	68871	48.698	ug/l 99
10) Methyl Iodide	2.50	142	57230	47.409	ug/l 97
11) Tert butyl alcohol	3.04	59	154272	236.218	ug/l 99
12) 1,1-Dichloroethene	2.36	96	56104	49.729	ug/l 99
13) Acrolein	2.28	56	52384	231.838	ug/l 97
14) Allyl chloride	2.72	41	129804	49.419	ug/l 99
15) Acrylonitrile	3.13	53	285754	256.403	ug/l 99
16) Acetone	2.44	43	265035	224.732	ug/l 98
17) Carbon Disulfide	2.56	76	63796	40.346	ug/l 98
18) Methyl Acetate	2.76	43	135887	50.705	ug/l 98
19) Methyl tert-butyl Ether	3.19	73	306261	49.788	ug/l 97
20) Methylene Chloride	2.84	84	76472	49.132	ug/l 99
21) trans-1,2-Dichloroethene	3.16	96	57918	49.437	ug/l 96
22) Diisopropyl ether	3.84	45	308161	50.108	ug/l 99
23) Vinyl Acetate	3.80	43	1285202	254.042	ug/l 100
24) 1,1-Dichloroethane	3.69	63	149832	50.919	ug/l 97
25) 2-Butanone	4.66	43	418932	234.829	ug/l 100
26) 2,2-Dichloropropane	4.57	77	123606	42.712	ug/l 98
27) cis-1,2-Dichloroethene	4.58	96	87958	50.259	ug/l 97
28) Bromochloromethane	5.00	49	75002	49.441	ug/l 97
29) Tetrahydrofuran	5.12	42	251328	255.015	ug/l 99
30) Chloroform	5.20	83	162123	47.974	ug/l 98
31) Cyclohexane	5.57	56	86898	48.921	ug/l 98
32) 1,1,1-Trichloroethane	5.48	97	138416	49.006	ug/l 100
36) 1,1-Dichloropropene	5.79	75	88866	48.820	ug/l 98
37) Ethyl Acetate	4.82	43	148833	53.267	ug/l 100
38) Carbon Tetrachloride	5.78	117	110416	48.772	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	86251	48.742	ug/l	98
40) Benzene	6.14	78	295246	51.007	ug/l	99
41) Methacrylonitrile	5.03	41	89693	49.854	ug/l	98
42) 1,2-Dichloroethane	6.18	62	133943	49.891	ug/l	100
43) Isopropyl Acetate	6.43	43	252187	50.287	ug/l	99
44) Trichloroethene	7.21	130	78742	51.714	ug/l	100
45) 1,2-Dichloropropane	7.51	63	90659	50.980	ug/l	98
46) Dibromomethane	7.65	93	57191	49.697	ug/l	100
47) Bromodichloromethane	7.89	83	129250	50.442	ug/l	99
48) Methyl methacrylate	7.76	41	120067	50.790	ug/l	98
49) 1,4-Dioxane	7.73	88	57418	997.965	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	846854	257.501	ug/l	100
52) Toluene	8.78	92	190130	50.975	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	134388	50.454	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	141205	51.207	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	97006	50.482	ug/l	99
56) Ethyl methacrylate	9.17	69	155878	51.883	ug/l	98
57) 1,3-Dichloropropane	9.37	76	156711	51.114	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	426307	274.117	ug/l	99
59) 2-Hexanone	9.49	43	646513	251.977	ug/l	99
60) Dibromochloromethane	9.58	129	103072	52.659	ug/l	100
61) 1,2-Dibromoethane	9.67	107	90465	51.547	ug/l	97
64) Tetrachloroethene	9.33	164	73659	59.307	ug/l	93
65) Chlorobenzene	10.14	112	225547	50.419	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	96816	52.147	ug/l	99
67) Ethyl Benzene	10.25	91	393171	51.156	ug/l	99
68) m/p-Xylenes	10.35	106	289068	103.370	ug/l	99
69) o-Xylene	10.70	106	150102	52.193	ug/l	100
70) Styrene	10.71	104	268129	52.695	ug/l	100
71) Bromoform	10.85	173	72855	45.829	ug/l #	99
73) Isopropylbenzene	11.01	105	415028	50.141	ug/l	99
74) N-amyl acetate	10.89	43	226203	50.760	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	163280	50.287	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	154534m	50.996	ug/l	
77) Bromobenzene	11.25	156	102399	50.726	ug/l	100
78) n-propylbenzene	11.35	91	461911	50.070	ug/l	99
79) 2-Chlorotoluene	11.42	91	292604	48.754	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	355368	50.341	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	48278	44.126	ug/l	96
82) 4-Chlorotoluene	11.51	91	342931	49.786	ug/l	100
83) tert-Butylbenzene	11.77	119	365984	48.384	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	361384	49.859	ug/l	99
85) sec-Butylbenzene	11.94	105	417215	50.055	ug/l	99
86) p-Isopropyltoluene	12.06	119	384389	50.222	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	194650	51.260	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	196162	50.290	ug/l	99
89) n-Butylbenzene	12.39	91	326214	47.768	ug/l	99
90) Hexachloroethane	12.59	117	68929	49.116	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	203415	51.253	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	44156	52.455	ug/l	98

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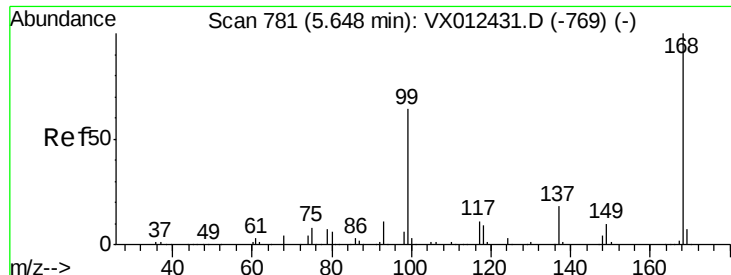
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	130872	51.194	ug/l	99
94) Hexachlorobutadiene	13.78	225	54786	45.470	ug/l	97
95) Naphthalene	13.83	128	492385	54.131	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	136615	52.442	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 179447

Ion Ratio Lower Upper

168 100

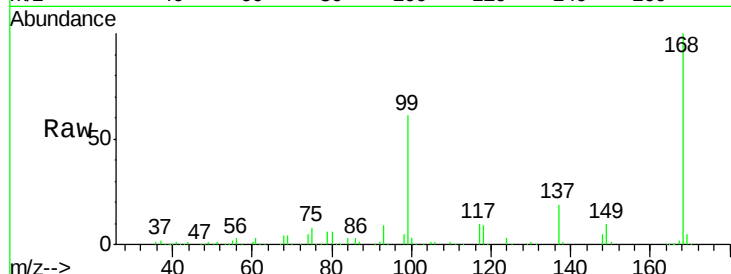
99 60.5 51.4 77.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

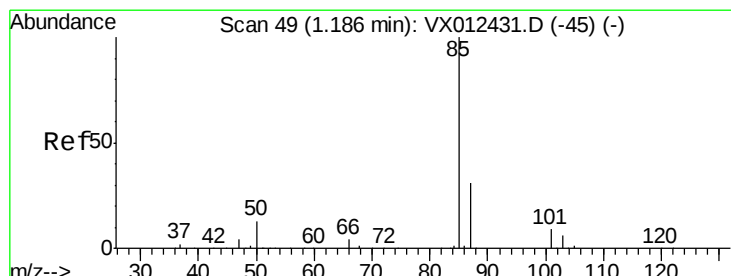
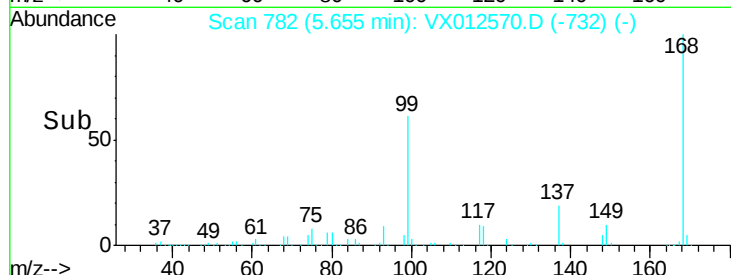
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.824 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012570.D

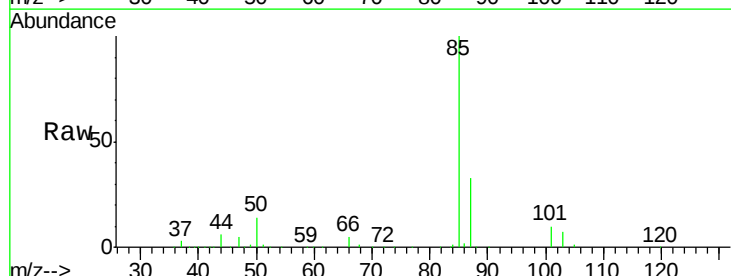
Acq: 20 Sep 2019 20:16

Tgt Ion: 85 Resp: 53616

Ion Ratio Lower Upper

85 100

87 32.9 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

50000

40000

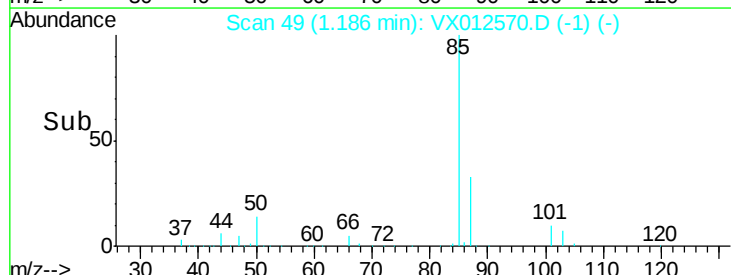
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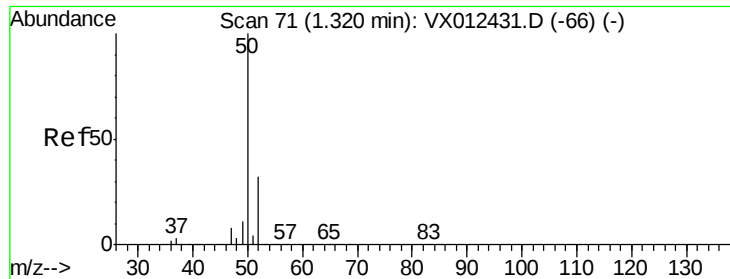
20000

10000

0

Time-->





#3

Chloromethane

Concen: 48.226 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 47577

Ion Ratio Lower Upper

50 100

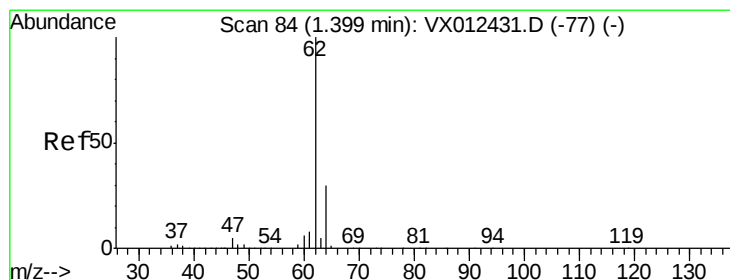
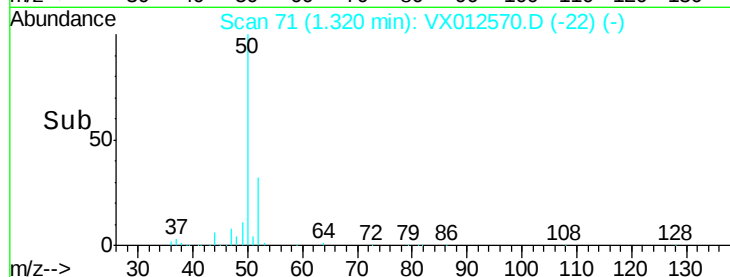
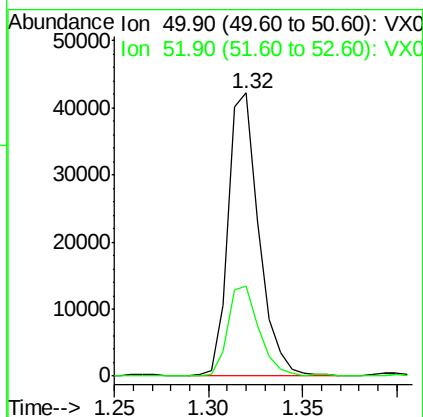
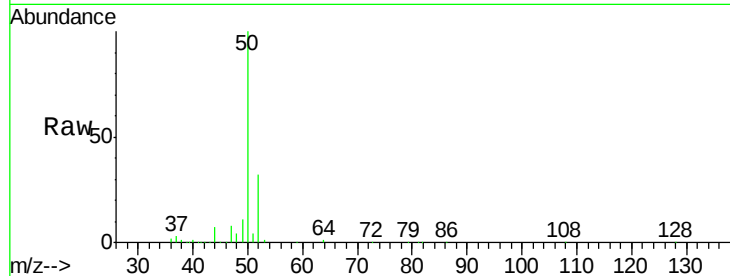
52 31.9 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.382 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012570.D

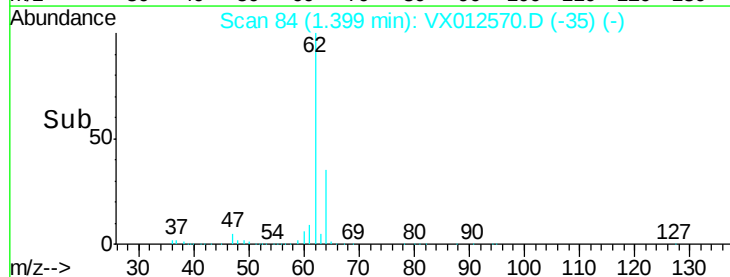
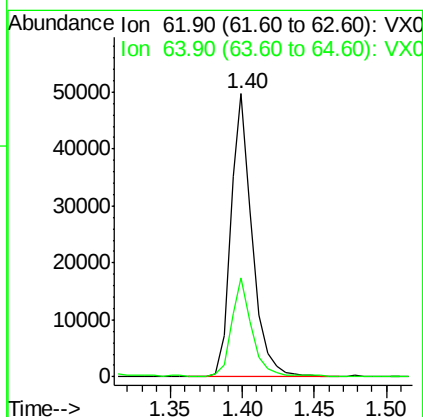
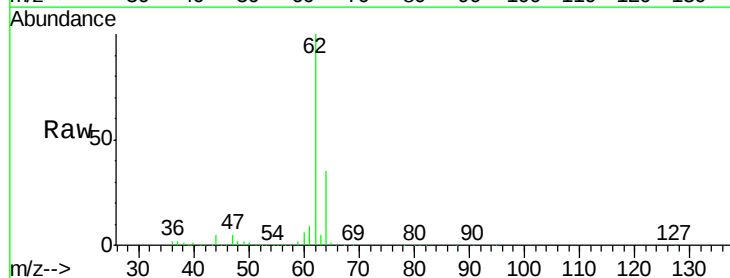
Acq: 20 Sep 2019 20:16

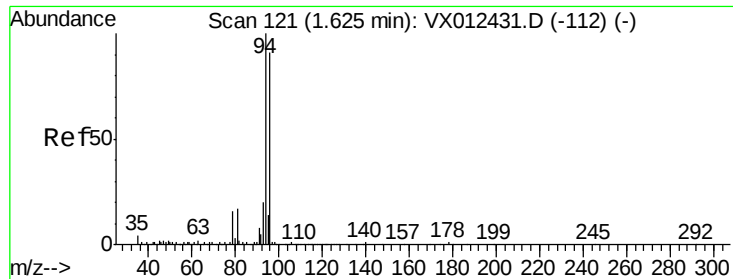
Tgt Ion: 62 Resp: 51589

Ion Ratio Lower Upper

62 100

64 34.7 24.2 36.2





#5

Bromomethane

Concen: 43.770 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

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VSTDCCC050EC

Tot Ion: 94 Resp: 18336

Ion Ratio Lower Upper

94 100

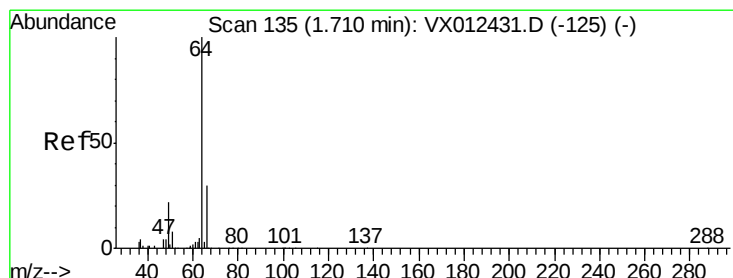
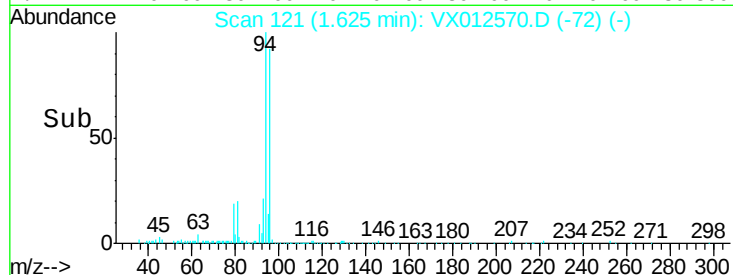
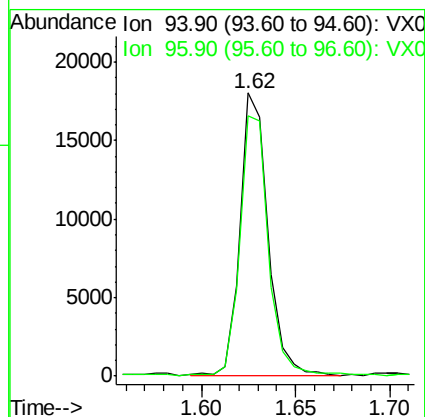
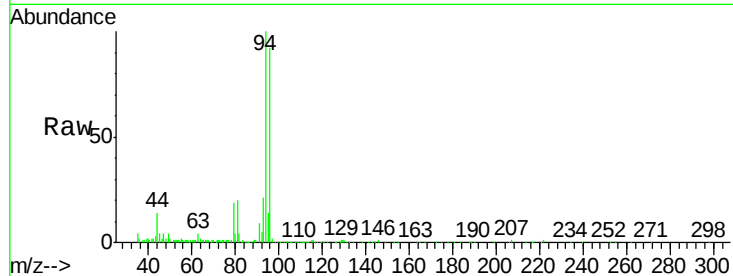
96 91.4 72.8 109.2

Manual Integrations

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#6

Chloroethane

Concen: 44.065 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012570.D

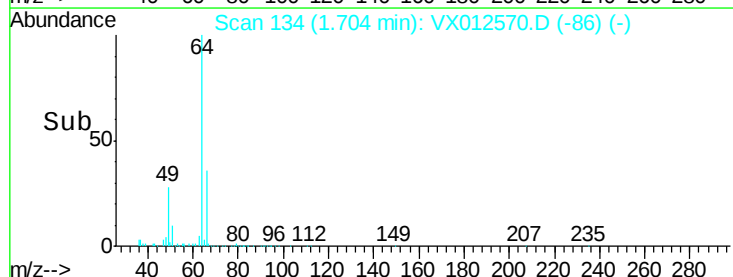
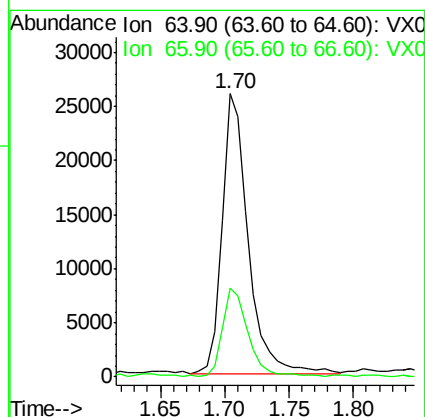
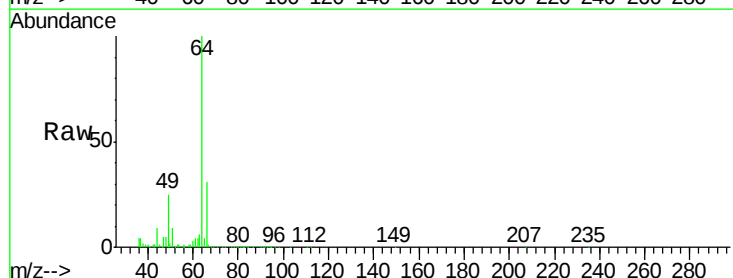
Acq: 20 Sep 2019 20:16

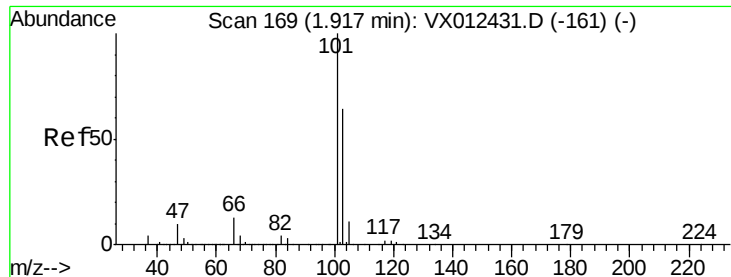
Tgt Ion: 64 Resp: 36768

Ion Ratio Lower Upper

64 100

66 31.2 24.0 36.0





#7

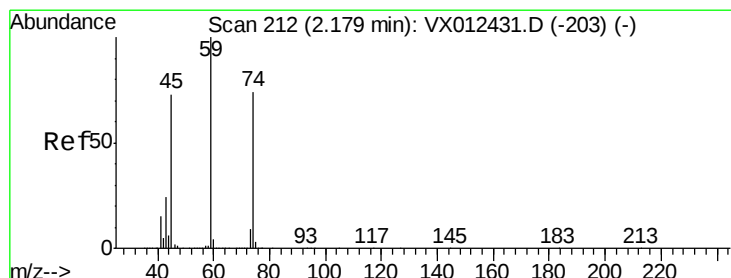
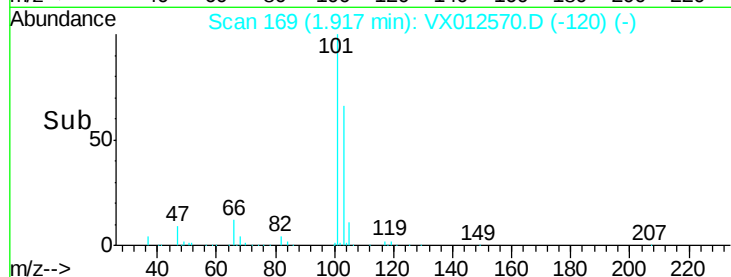
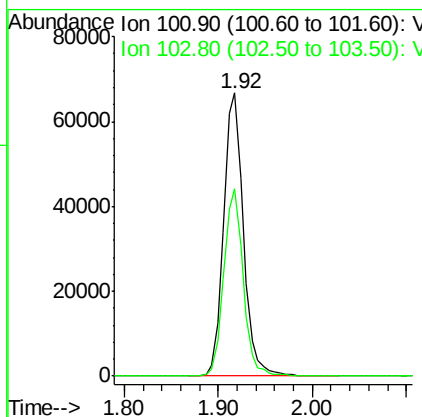
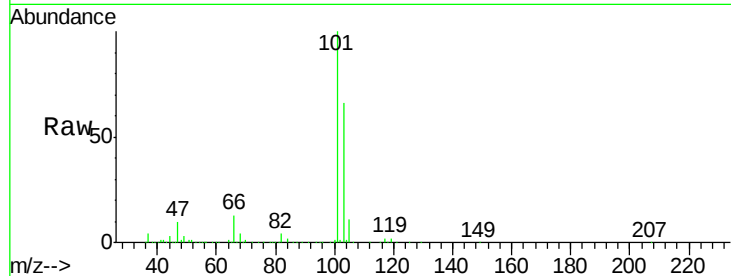
Trichlorofluoromethane
 Concen: 49.719 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX012570.D
 Acq: 20 Sep 2019 20:16

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 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.1	51.0	76.4

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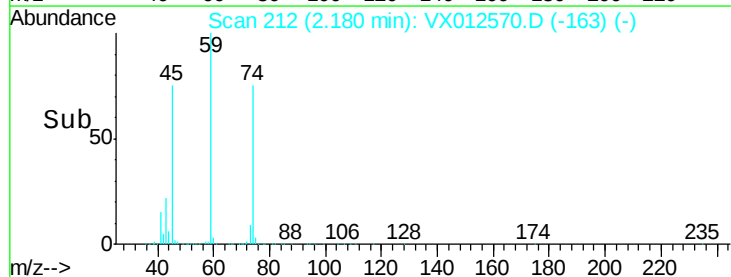
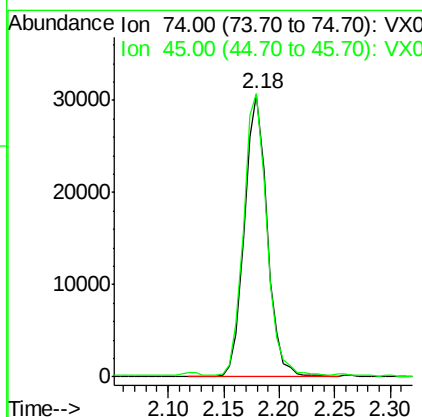
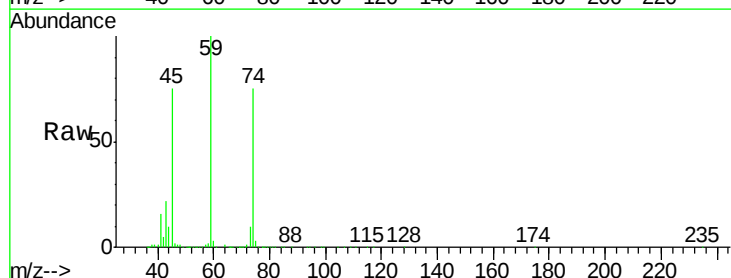
MMDadoda
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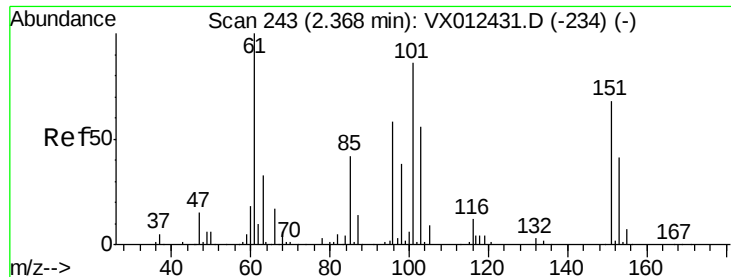


#8

Diethyl Ether
 Concen: 49.377 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX012570.D
 Acq: 20 Sep 2019 20:16

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.9	49.9	149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.698 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

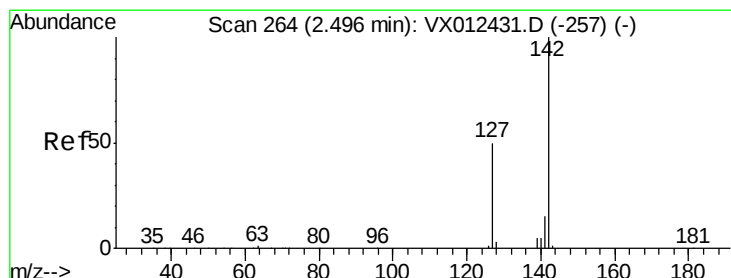
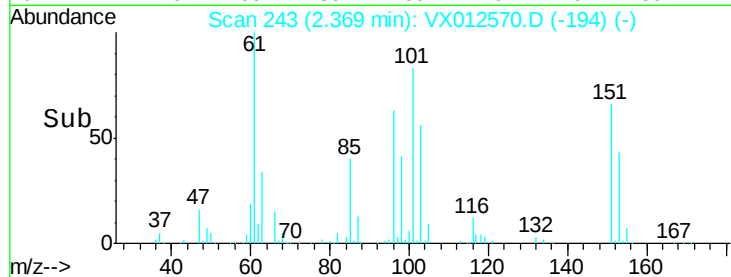
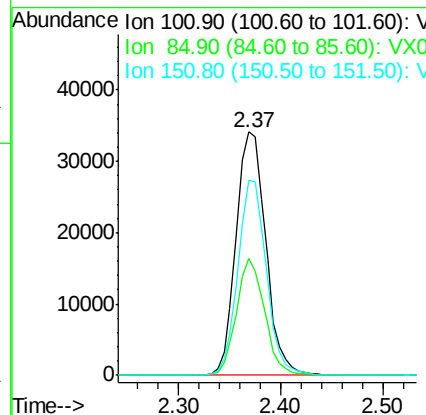
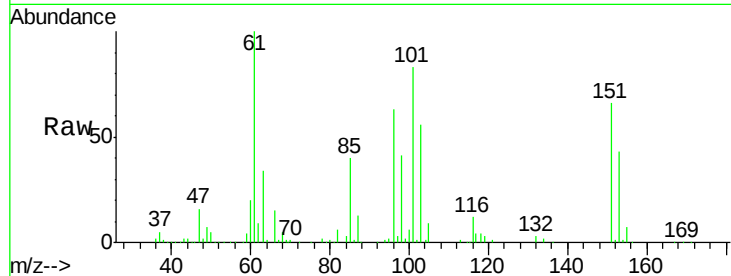
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	68871
Ion Ratio	Lower	Upper	
101	100		
85	45.2	37.3	55.9
151	76.5	61.0	91.4

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#10

Methyl Iodide

Concen: 47.409 ug/l

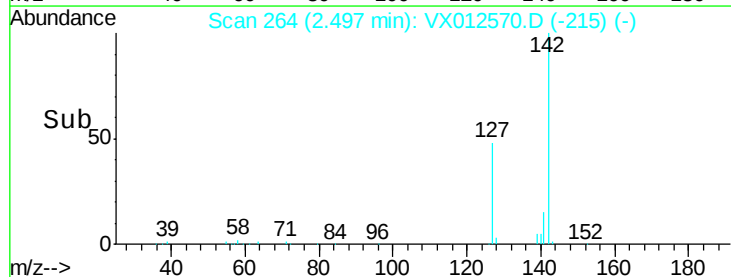
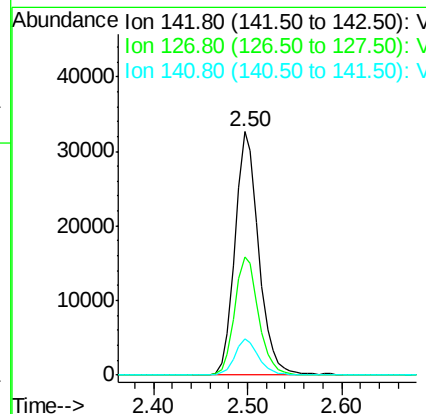
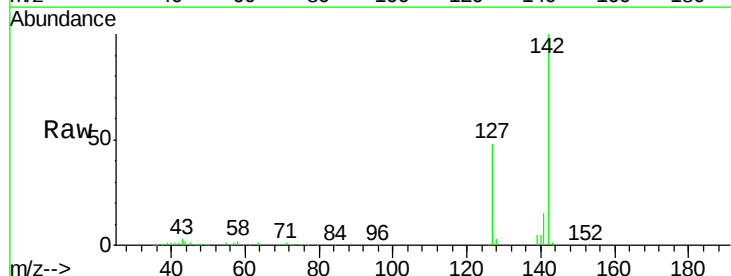
RT: 2.50 min Scan# 264

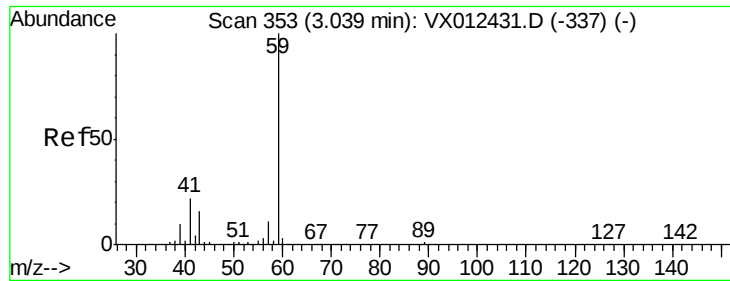
Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Tgt Ion:	142	Resp:	57230
Ion Ratio	Lower	Upper	
142	100		
127	48.8	40.8	61.2
141	14.7	12.1	18.1





#11

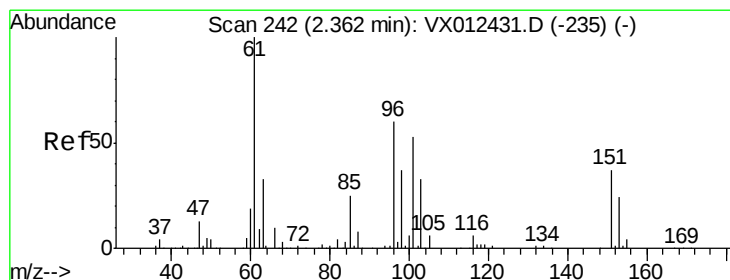
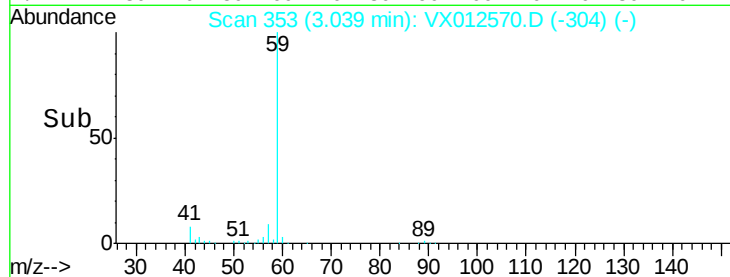
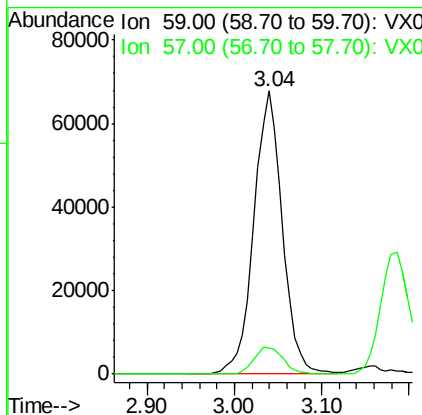
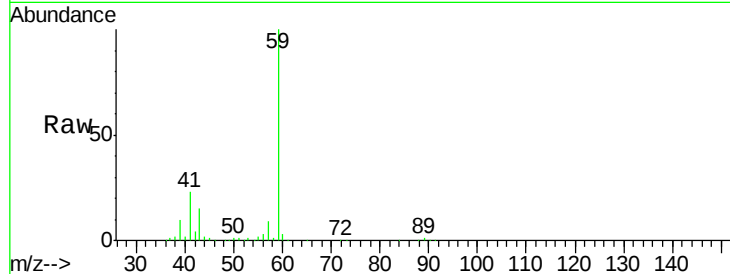
Tert butyl alcohol
 Concen: 236.218 ug/l
 RT: 3.04 min Scan# 353
 Delta R.T. 0.00 min
 Lab File: VX012570.D
 Acq: 20 Sep 2019 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.3	12.5

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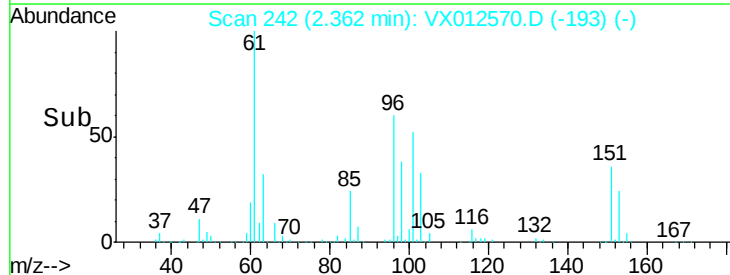
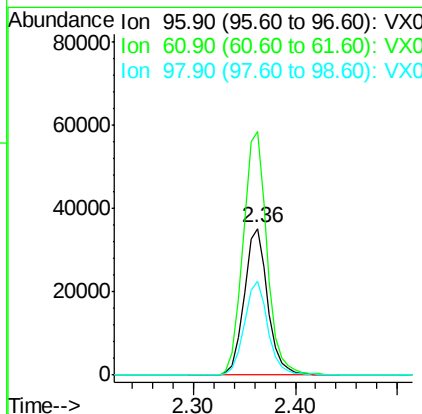
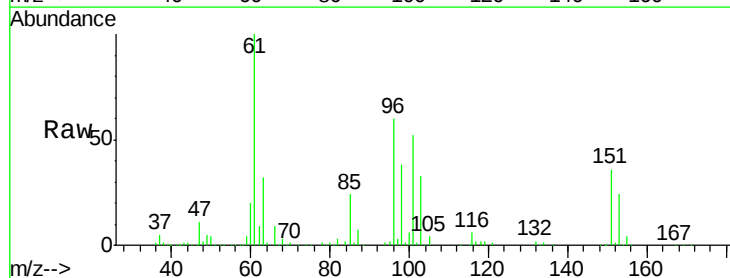
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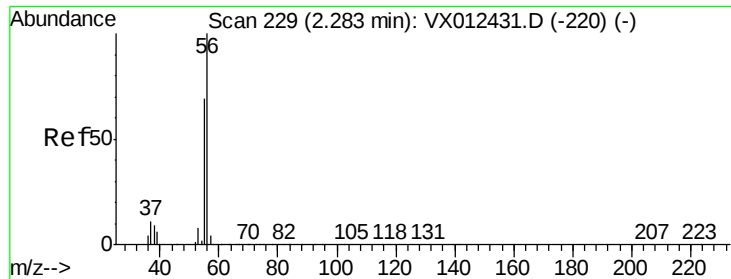


#12

1,1-Dichloroethene
 Concen: 49.729 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX012570.D
 Acq: 20 Sep 2019 20:16

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.8	133.8	200.6
98	63.7	49.9	74.9





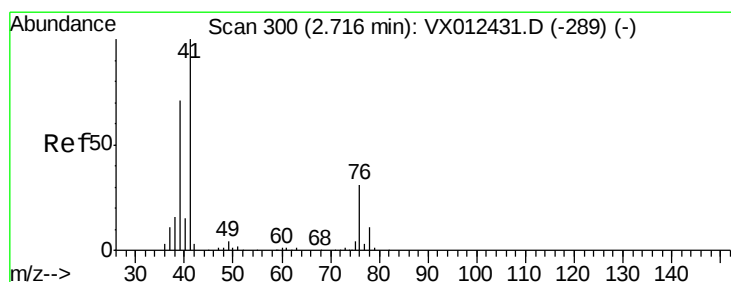
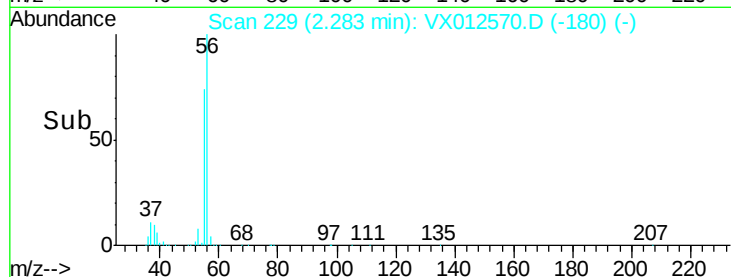
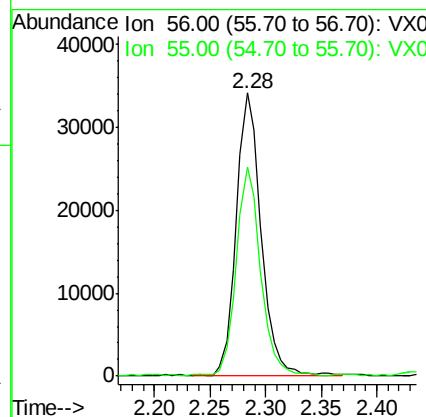
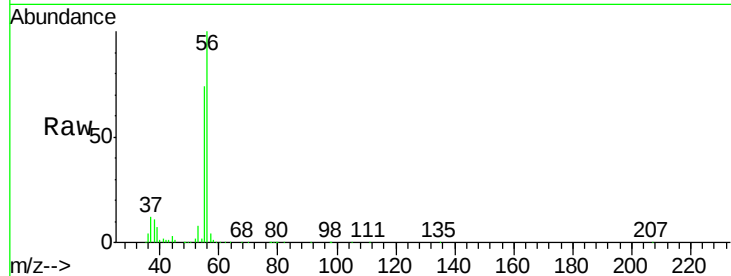
#13
Acrolein
Concen: 231.838 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.2	55.8	83.8

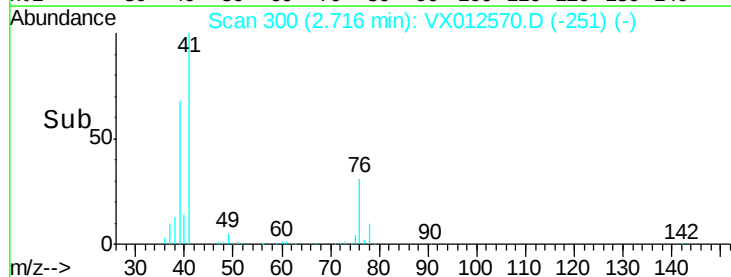
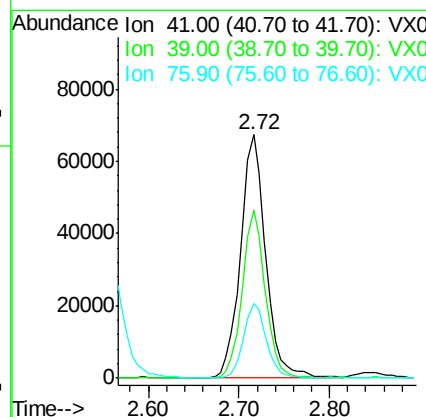
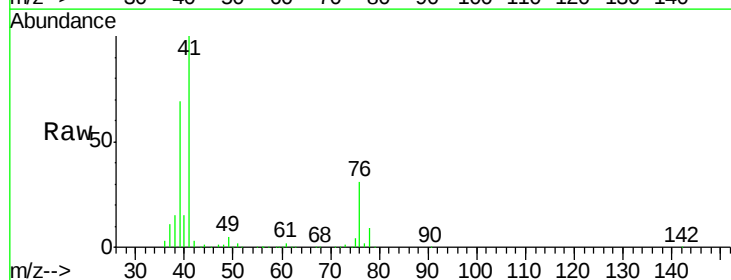
Manual Integrations
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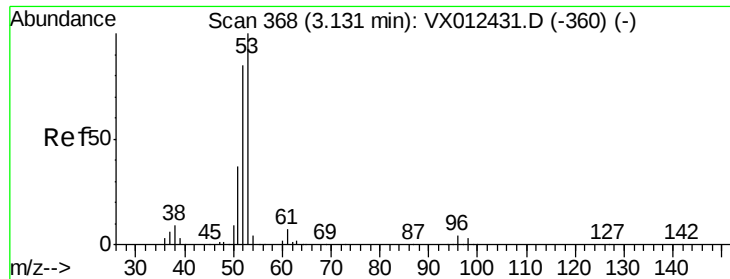
MMDadoda
9/23/2019 11:28:39 AM



#14
Allyl chloride
Concen: 49.419 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.9	51.3	76.9
76	27.8	22.6	33.8





#15

Acrylonitrile

Concen: 256.403 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

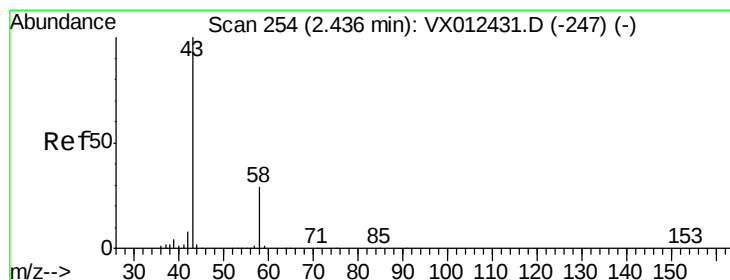
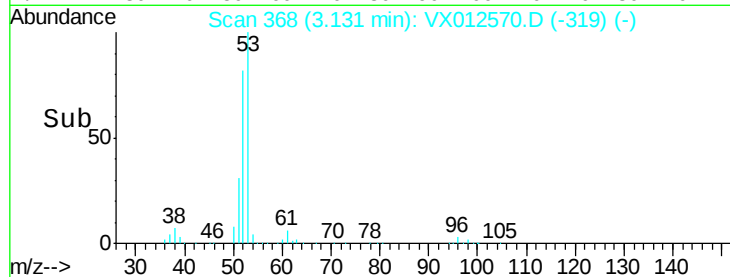
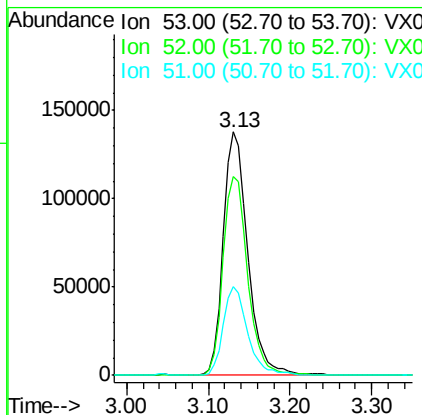
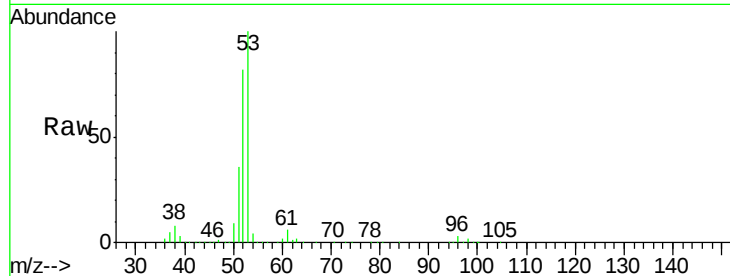
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	285754
Ion Ratio		Lower	Upper
53	100		
52	83.2	67.0	100.4
51	36.5	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 224.732 ug/l

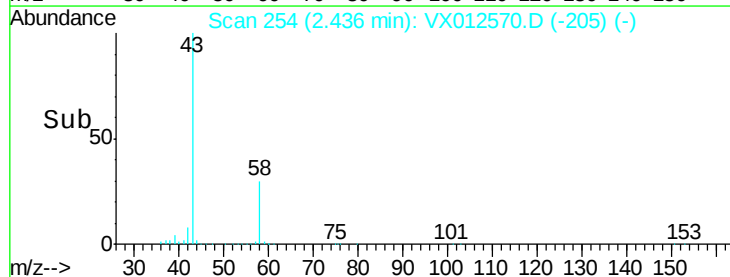
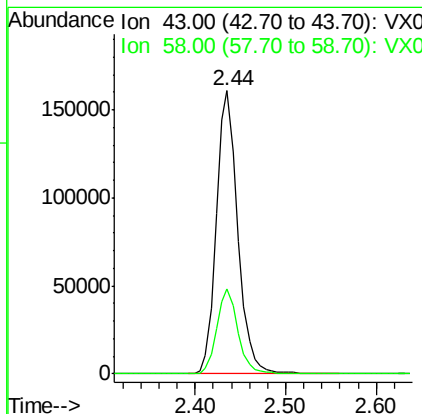
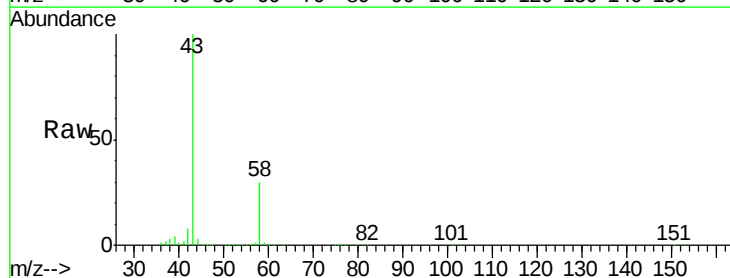
RT: 2.44 min Scan# 254

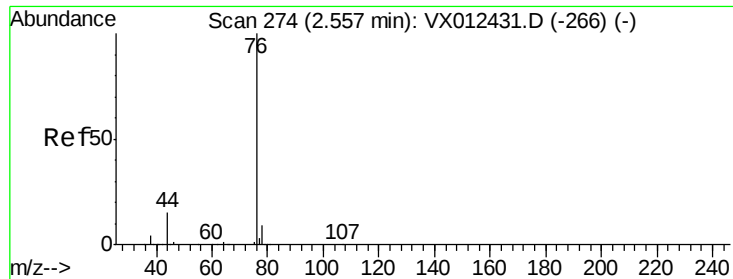
Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Tgt Ion:	43	Resp:	265035
Ion Ratio		Lower	Upper
43	100		
58	30.0	23.3	34.9





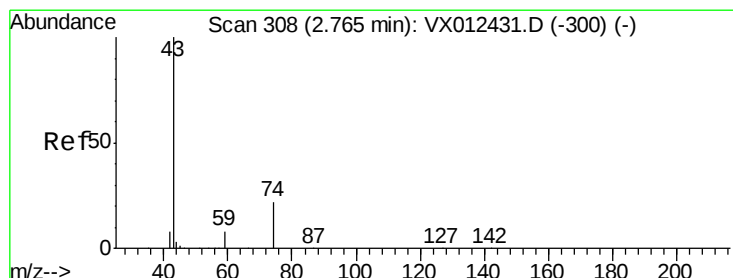
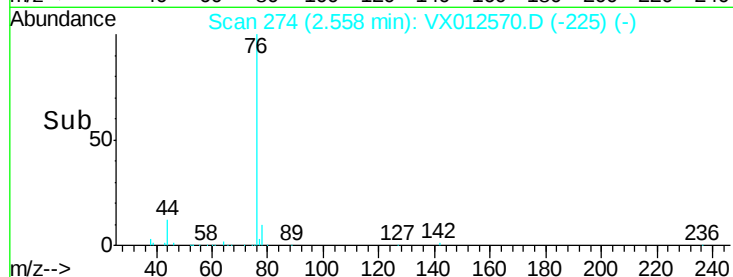
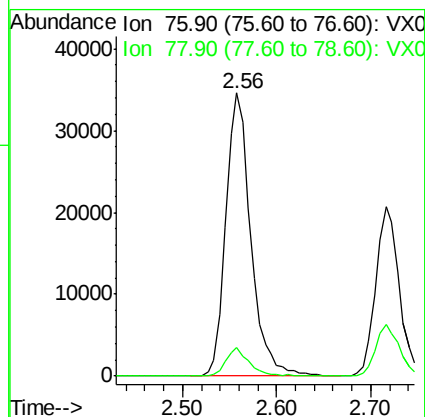
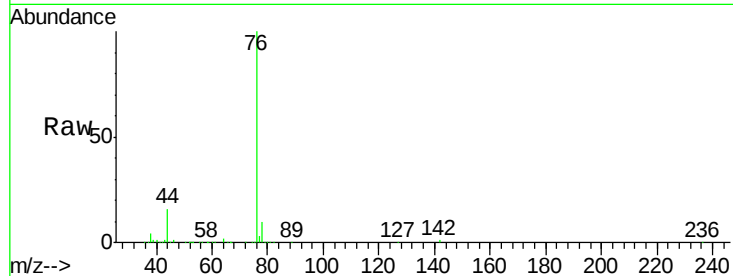
#17
Carbon Disulfide
Concen: 40.346 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.0	7.3	10.9

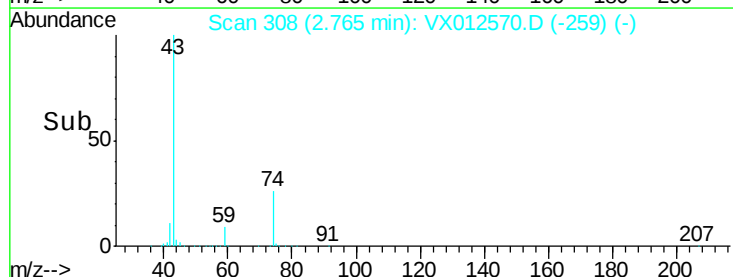
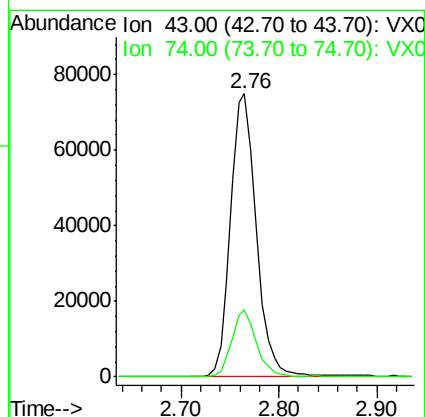
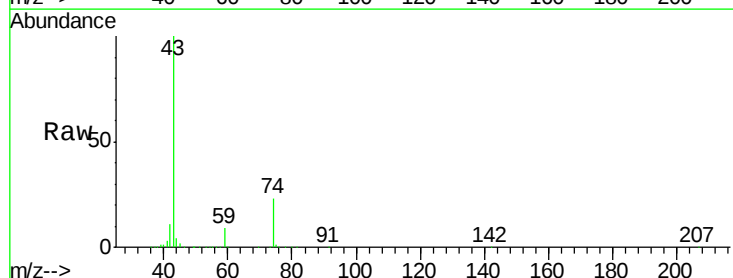
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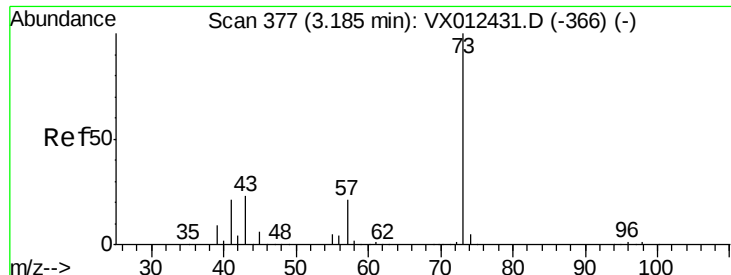
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#18
Methyl Acetate
Concen: 50.705 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	17.7	26.5





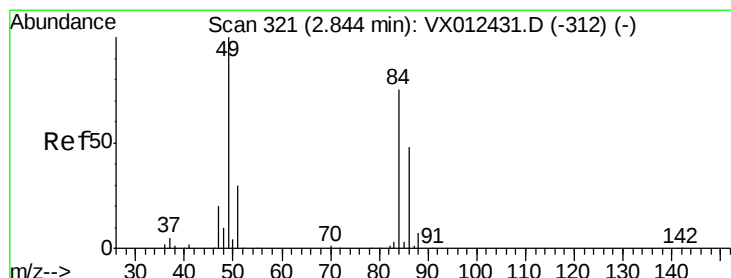
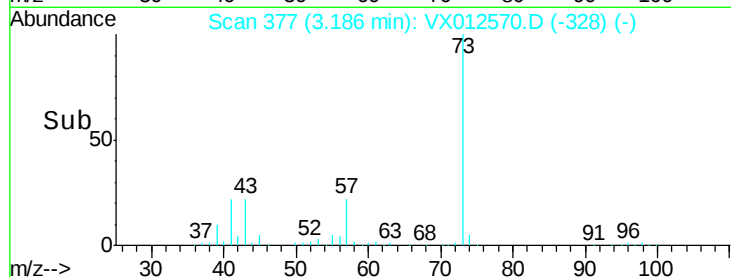
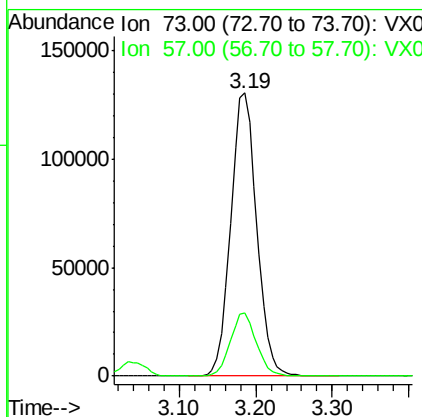
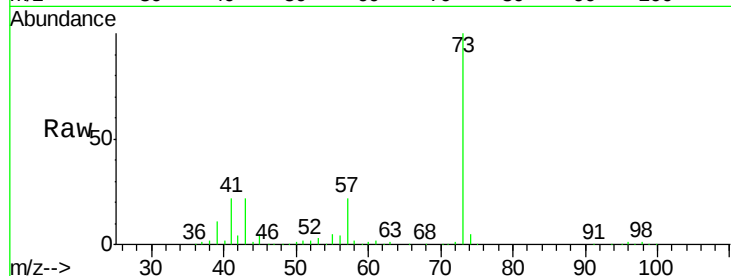
#19
Methyl tert-butyl Ether
Concen: 49.788 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 306261
Ion Ratio Lower Upper
73 100
57 22.3 16.8 25.2

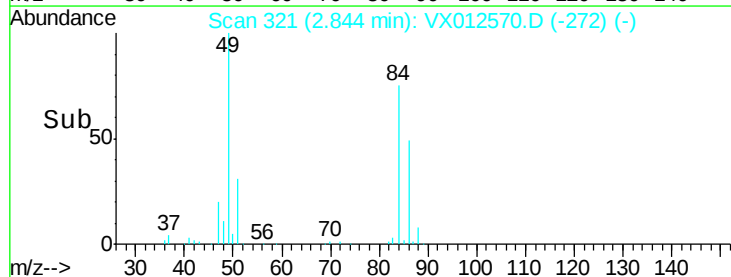
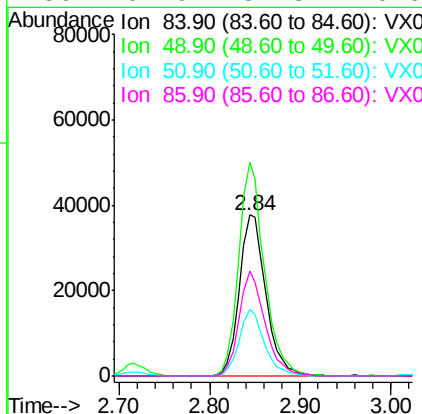
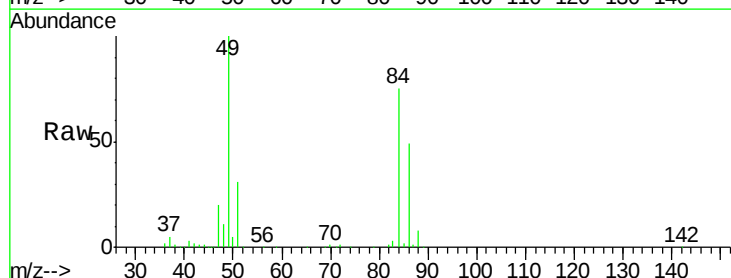
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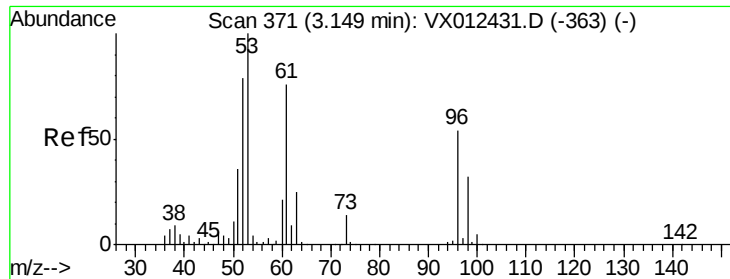
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#20
Methylene Chloride
Concen: 49.132 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Tgt Ion: 84 Resp: 76472
Ion Ratio Lower Upper
84 100
49 132.5 106.8 160.2
51 40.9 32.3 48.5
86 64.9 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 49.437 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 57918

Ion Ratio Lower Upper

96 100

61 143.5 112.0 168.0

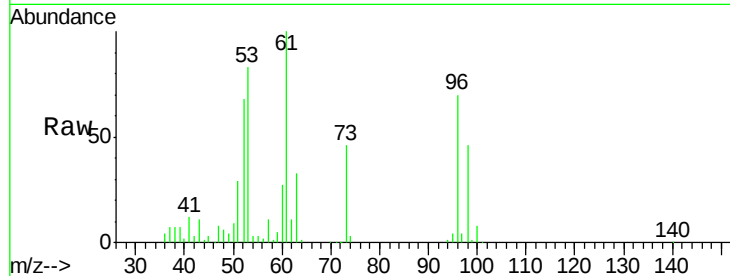
98 65.6 47.8 71.8

Manual Integrations

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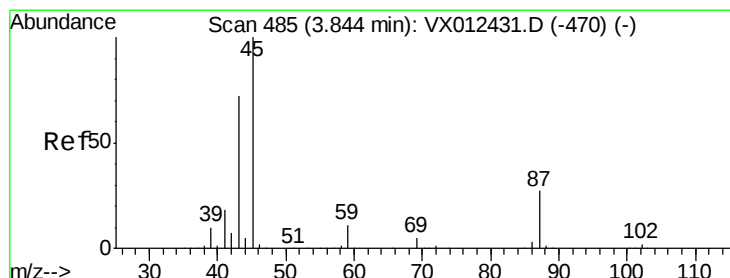
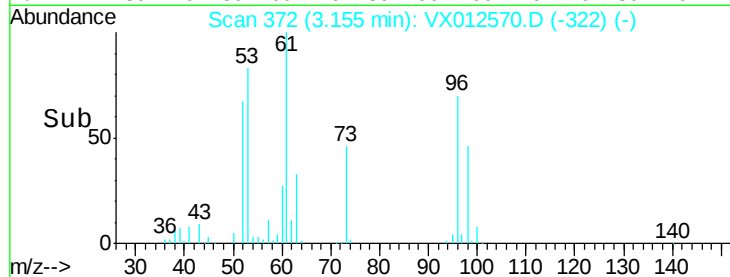
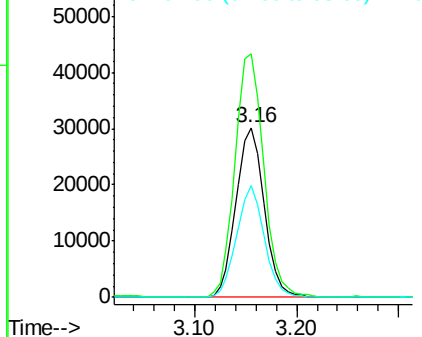


Abundance

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: 50.108 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Tgt Ion: 45 Resp: 308161

Ion Ratio Lower Upper

45 100

43 72.9 57.8 86.8

87 26.3 21.3 31.9

59 12.3 8.5 12.7

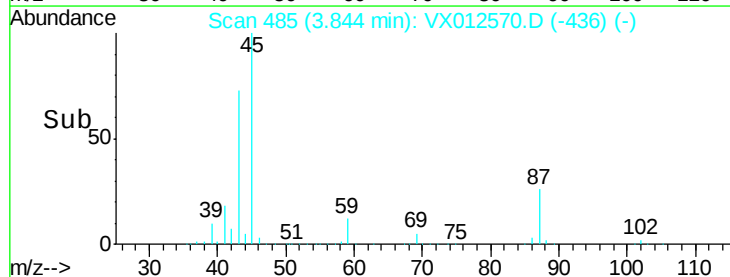
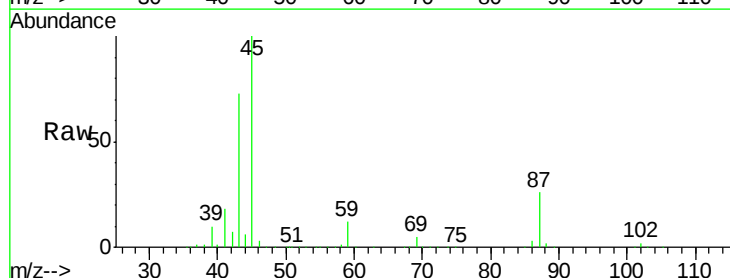
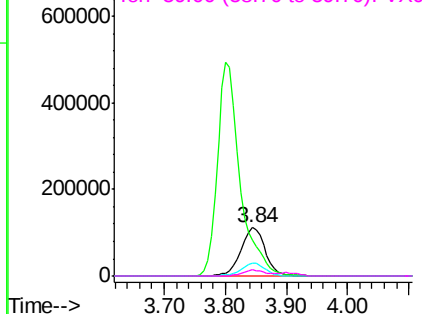
Abundance

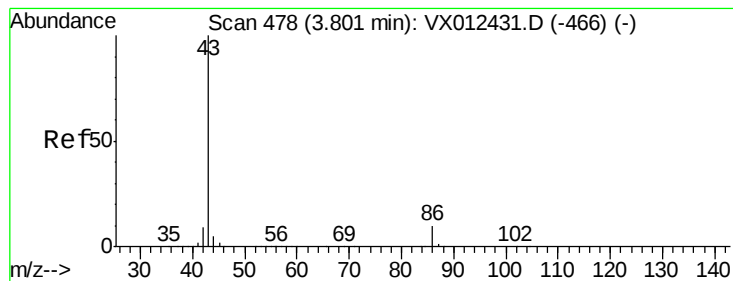
Ion 45.00 (44.70 to 45.70): VX0

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: 254.042 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1285202

Ion Ratio Lower Upper

43 100

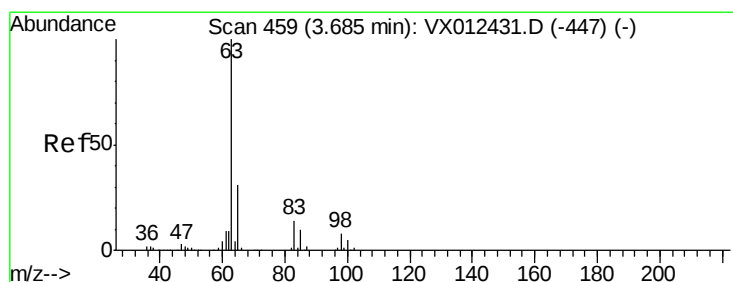
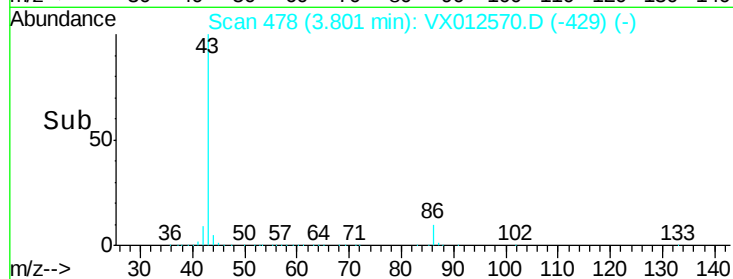
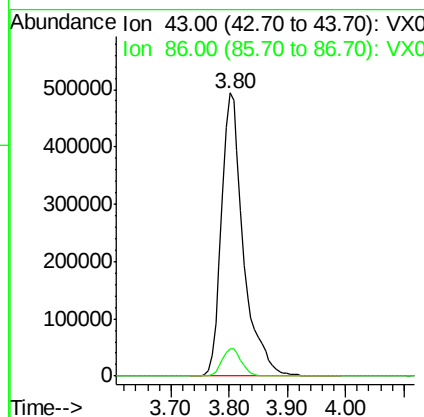
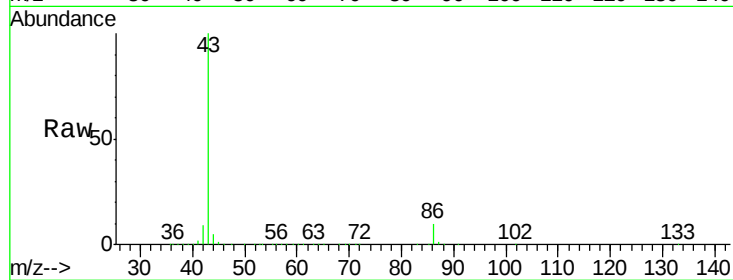
86 9.8 7.8 11.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.919 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

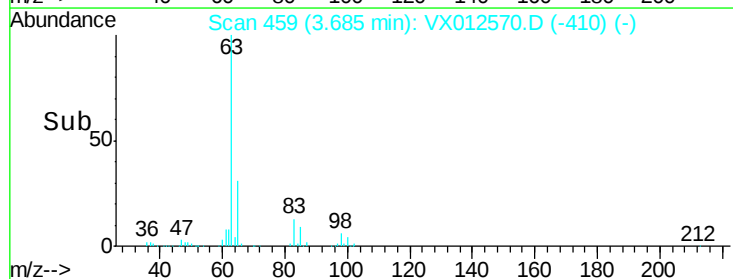
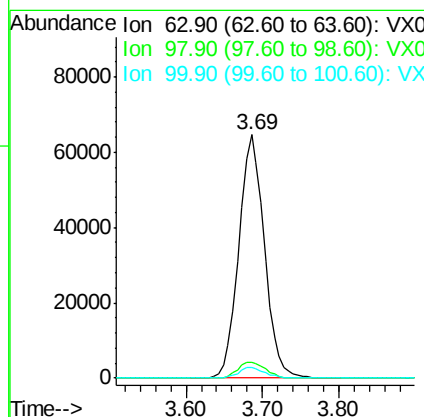
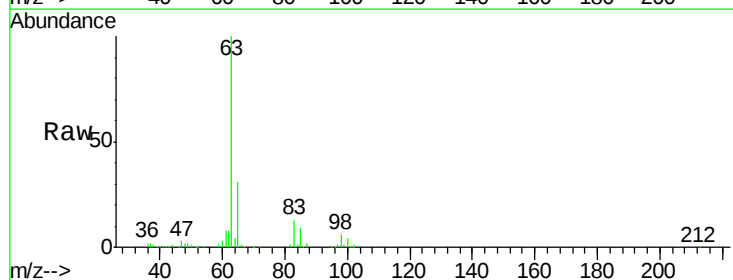
Tgt Ion: 63 Resp: 149832

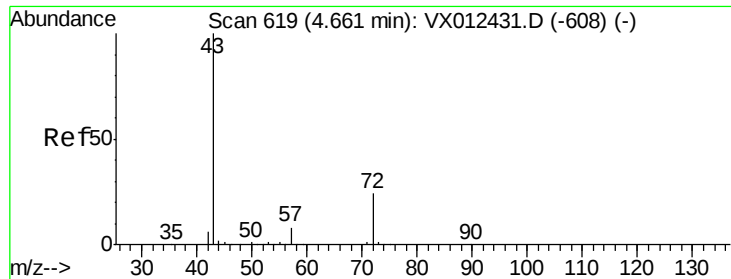
Ion Ratio Lower Upper

63 100

98 6.4 3.9 11.7

100 4.4 2.3 6.9





#25

2-Butanone

Concen: 234.829 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 418932

Ion Ratio Lower Upper

43 100

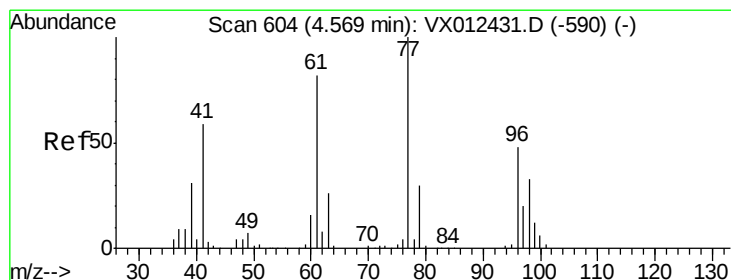
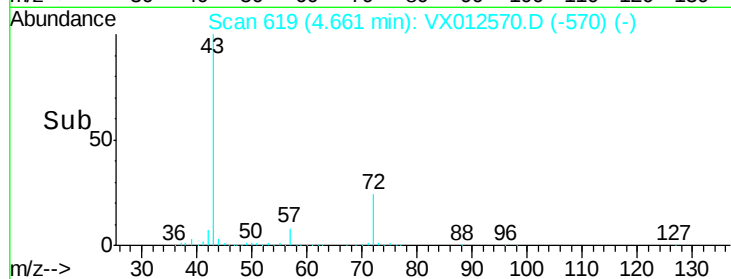
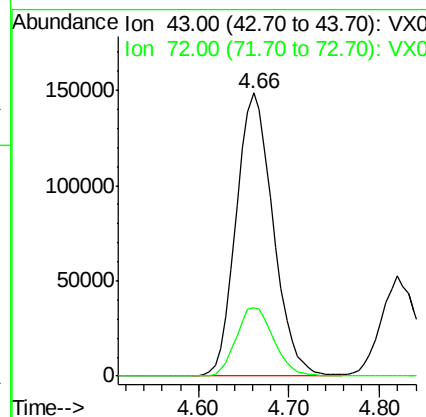
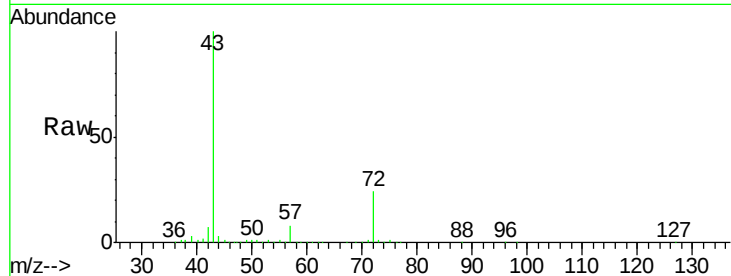
72 24.0 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 42.712 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012570.D

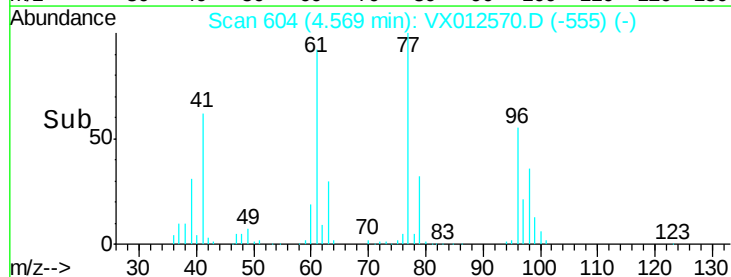
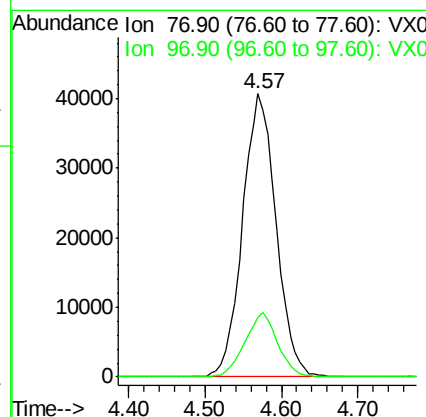
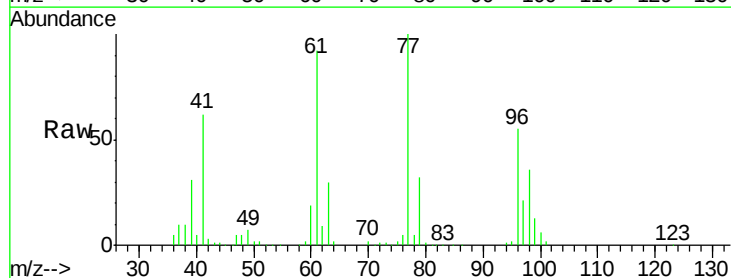
Acq: 20 Sep 2019 20:16

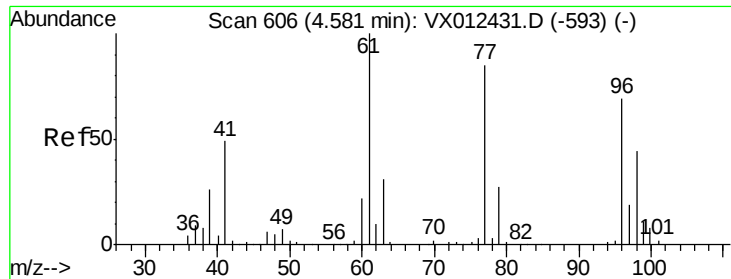
Tgt Ion: 77 Resp: 123606

Ion Ratio Lower Upper

77 100

97 22.1 10.5 31.6





#27

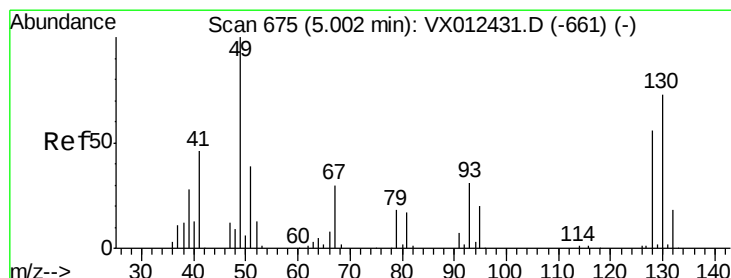
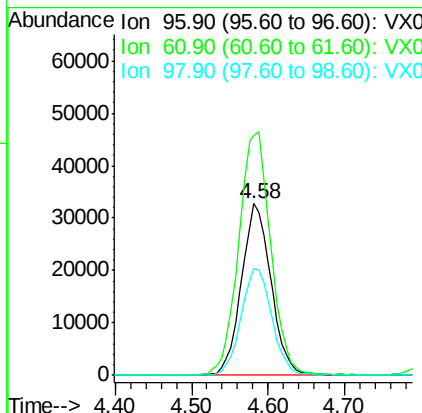
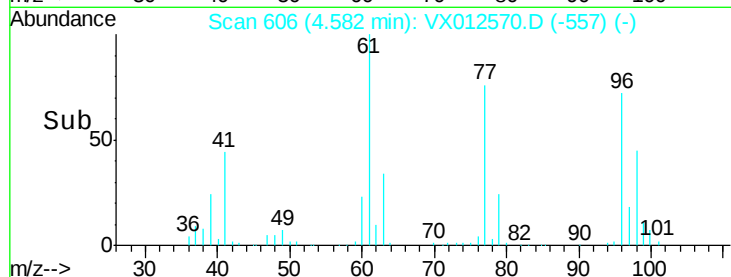
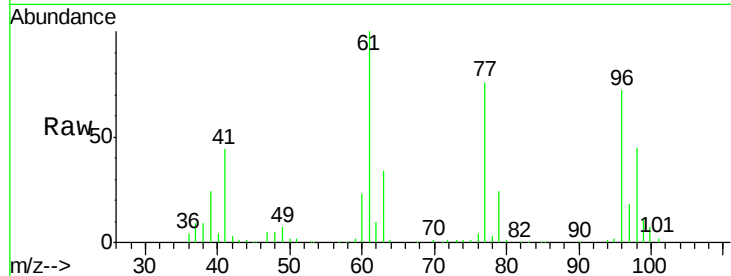
cis-1,2-Dichloroethene
 Concen: 50.259 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VX012570.D
 Acq: 20 Sep 2019 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.5	0.0	319.4
98	64.9	0.0	130.6

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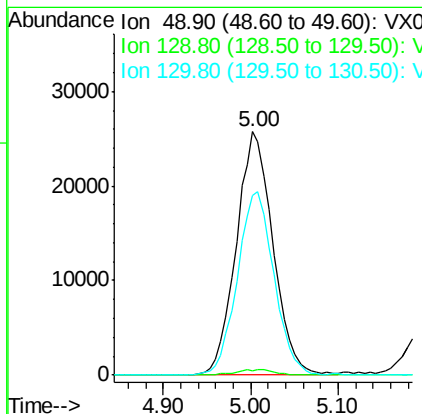
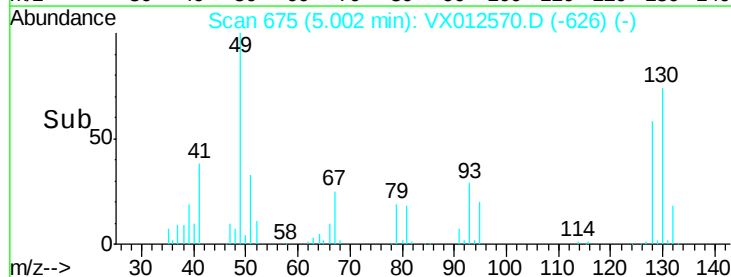
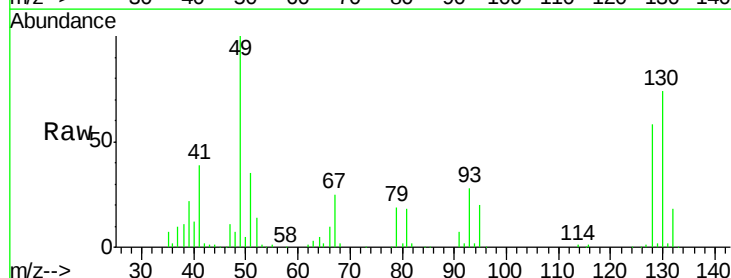
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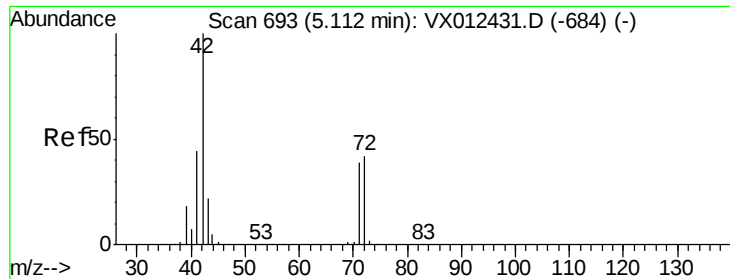


#28

Bromochloromethane
 Concen: 49.441 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX012570.D
 Acq: 20 Sep 2019 20:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.8
130	75.2	58.2	87.4





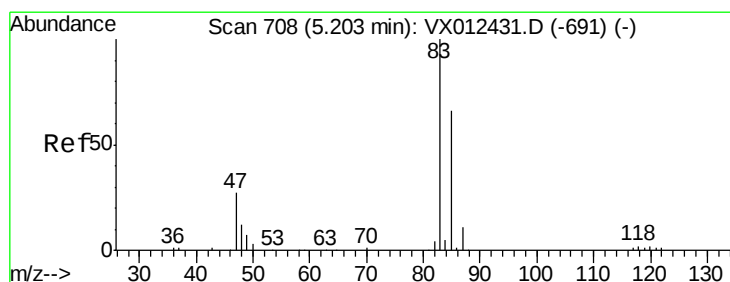
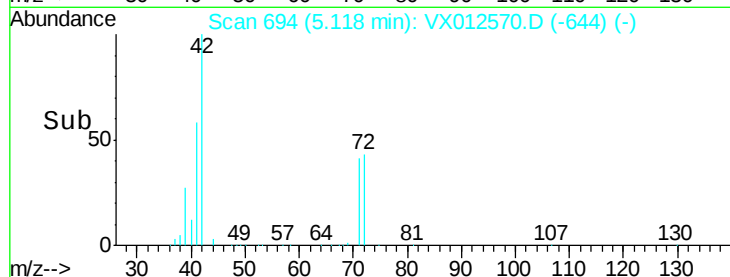
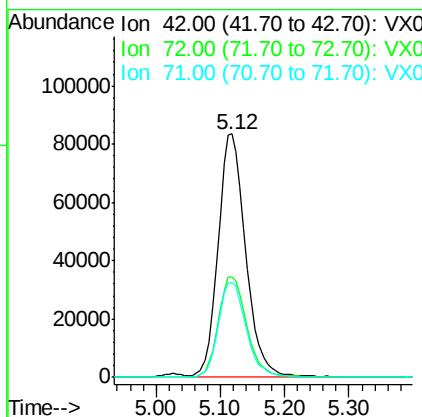
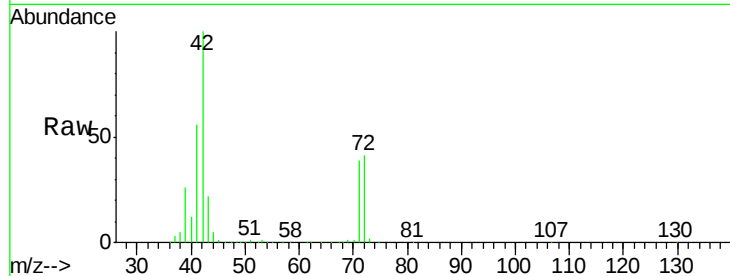
#29
Tetrahydrofuran
Concen: 255.015 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.0	34.0	51.0
71	39.6	31.5	47.3

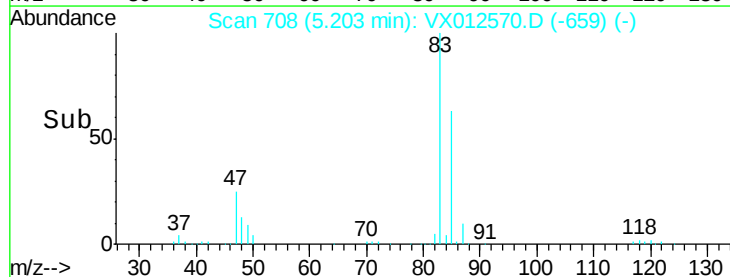
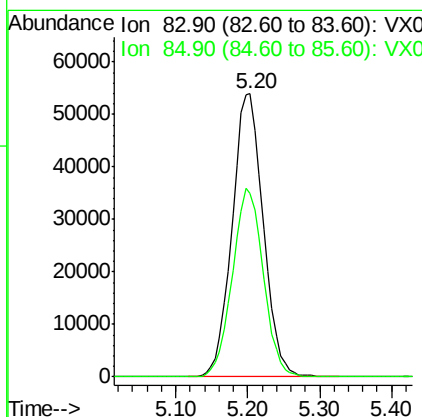
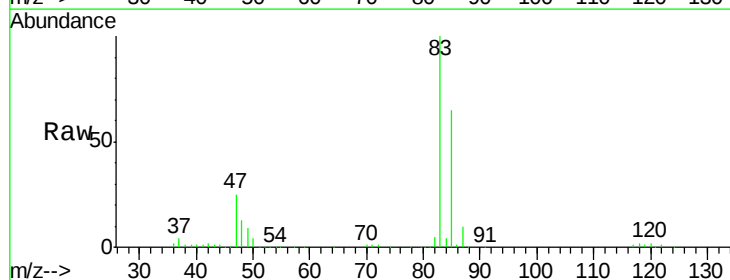
Manual Integrations
APPROVED

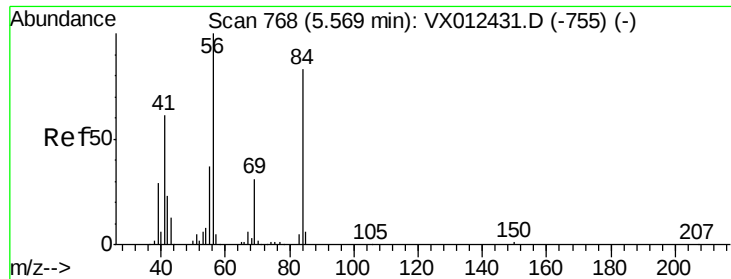
MMDadoda
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#30
Chloroform
Concen: 47.974 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	53.0	79.4





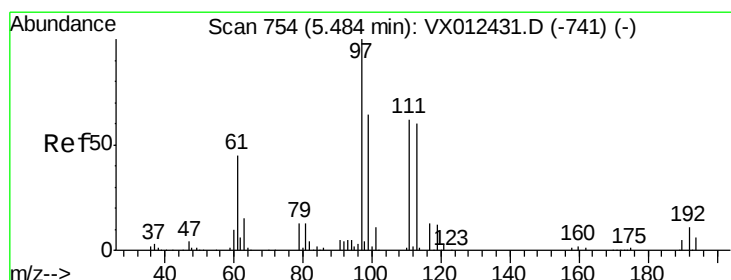
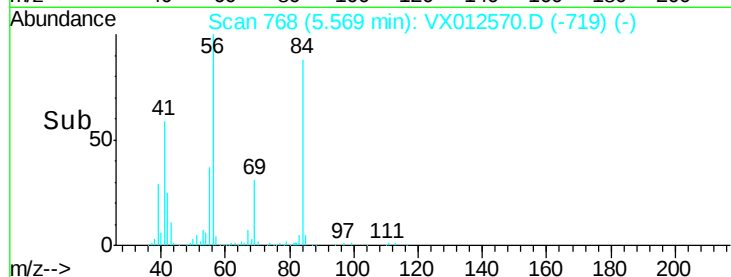
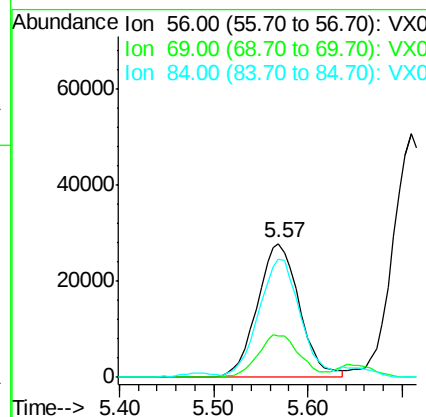
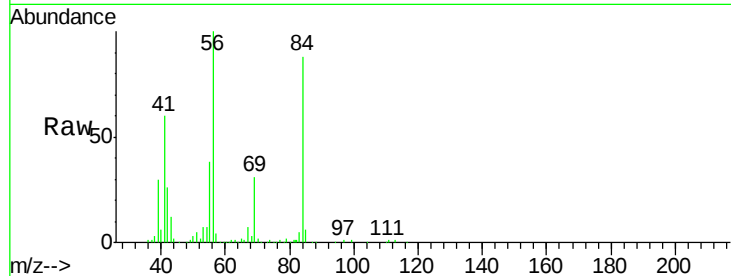
#31
Cyclohexane
Concen: 48.921 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.1	25.0	37.6
84	85.4	66.4	99.6

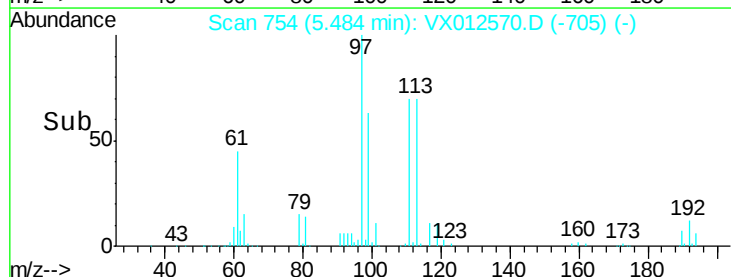
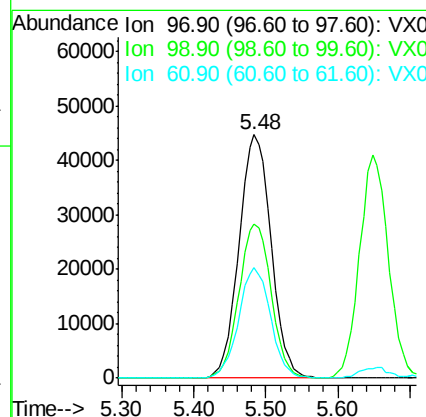
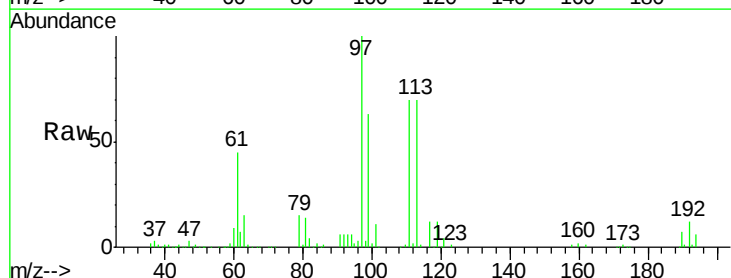
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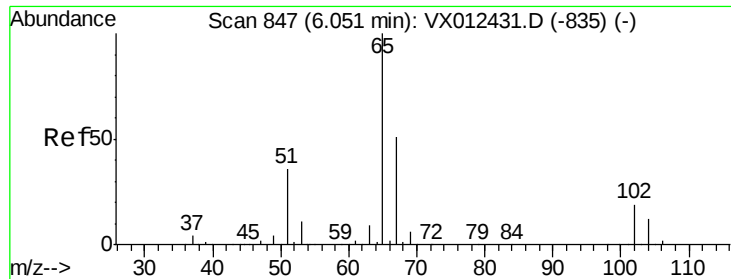
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#32
1,1,1-Trichloroethane
Concen: 49.006 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.3	76.9
61	45.1	36.1	54.1





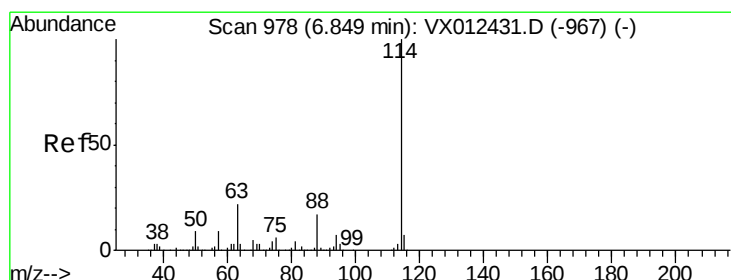
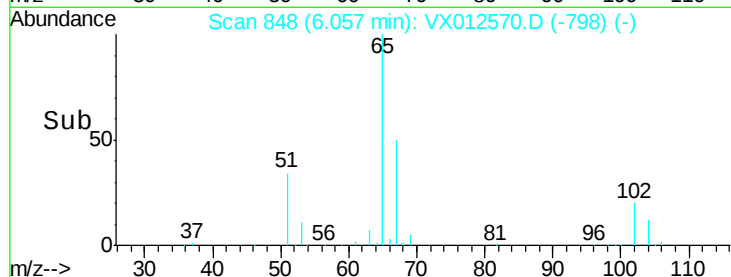
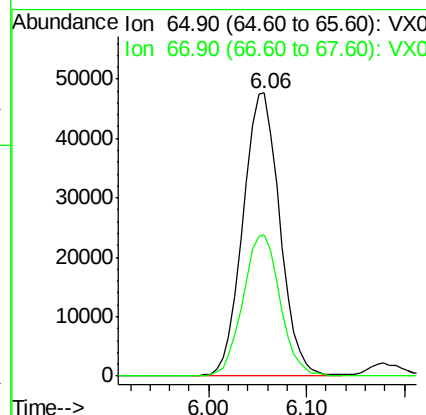
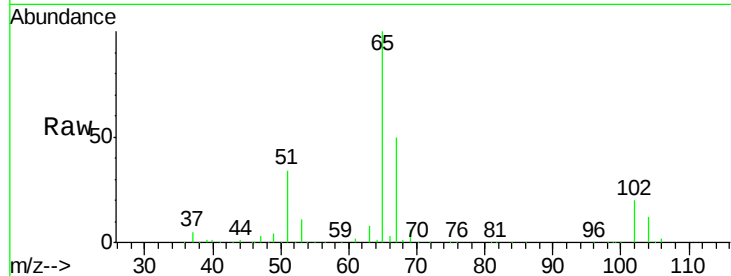
#33
 1,2-Dichloroethane-d4
 Concen: 48.759 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX012570.D
 Acq: 20 Sep 2019 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	125400		
67	50.2	0.0	101.2	

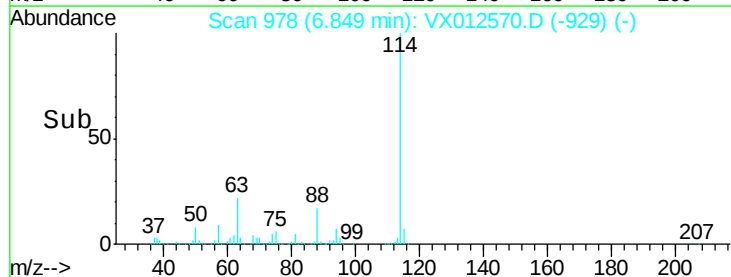
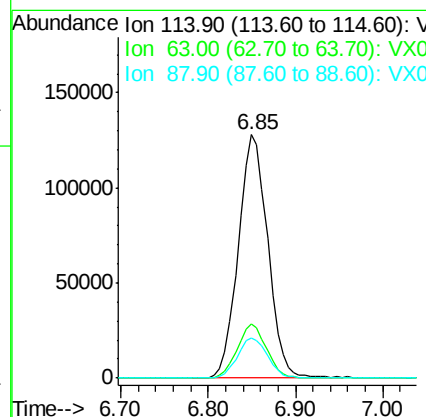
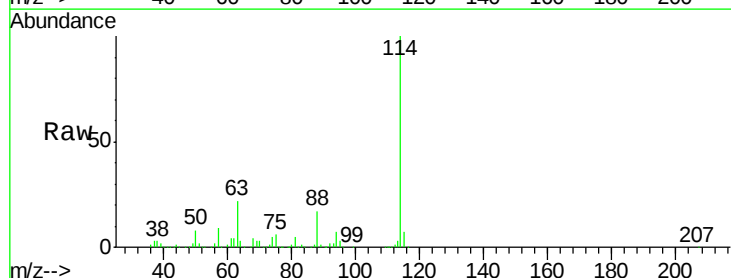
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012570.D
 Acq: 20 Sep 2019 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	299508		
63	22.1	0.0	43.2	
88	16.7	0.0	33.2	





#35

Dibromofluoromethane

Concen: 50.433 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

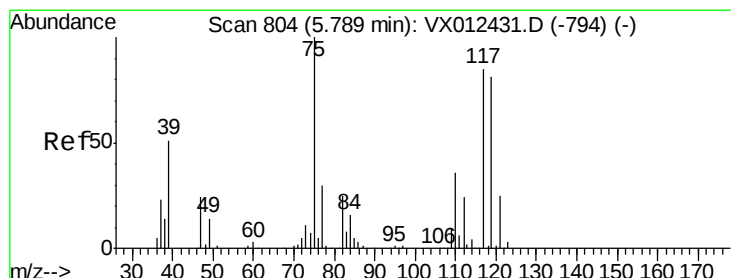
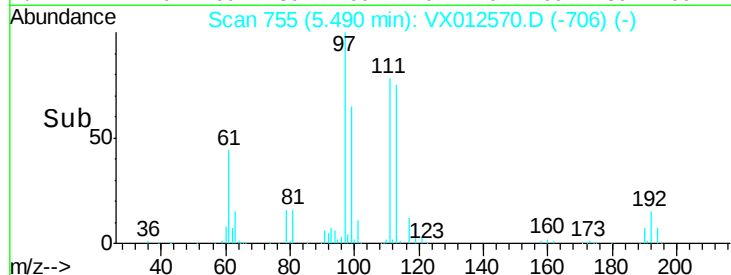
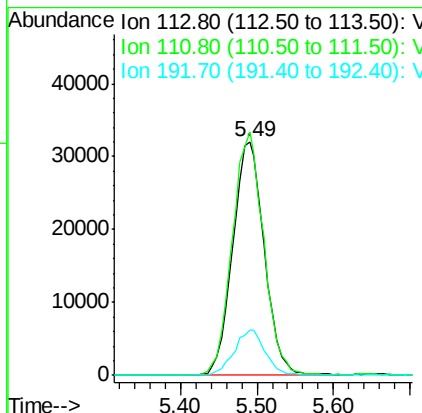
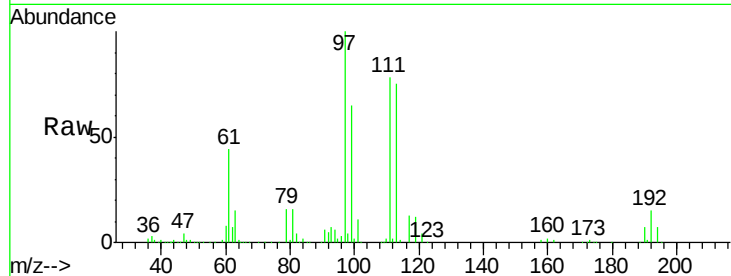
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	91424
Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.4	125.2
192	18.9	14.4	21.6

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#36

1,1-Dichloropropene

Concen: 48.820 ug/l

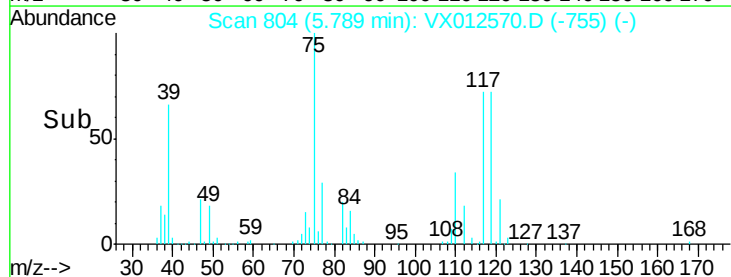
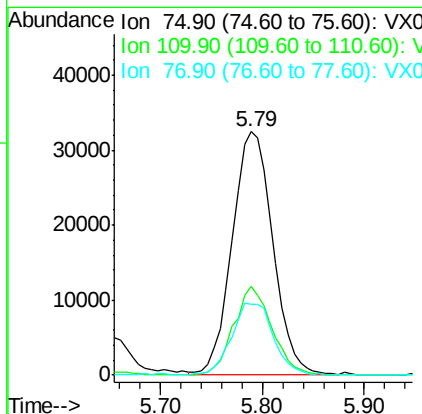
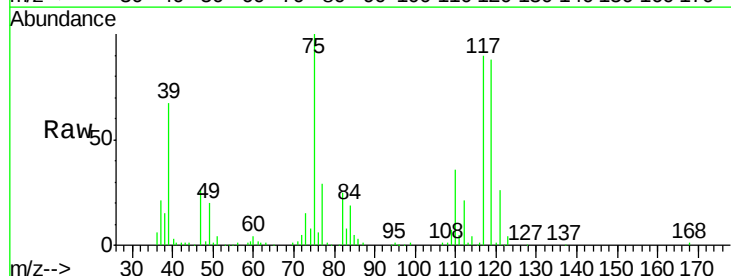
RT: 5.79 min Scan# 804

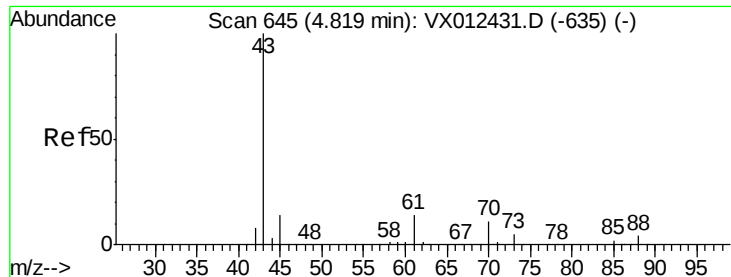
Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Tgt Ion:	75	Resp:	88866
Ion	Ratio	Lower	Upper
75	100		
110	34.7	16.7	50.0
77	31.1	24.2	36.2





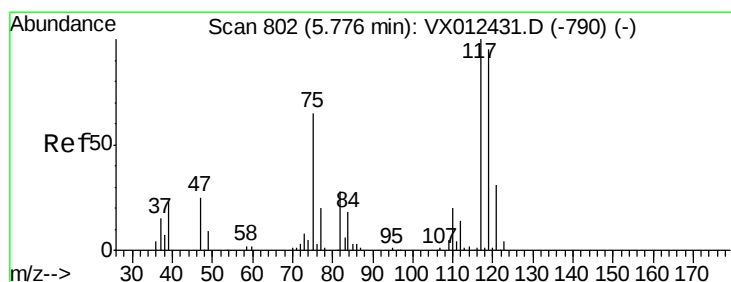
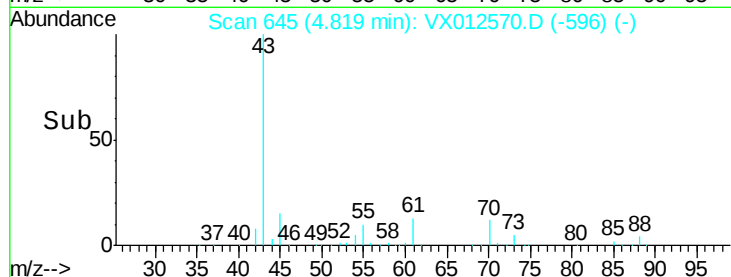
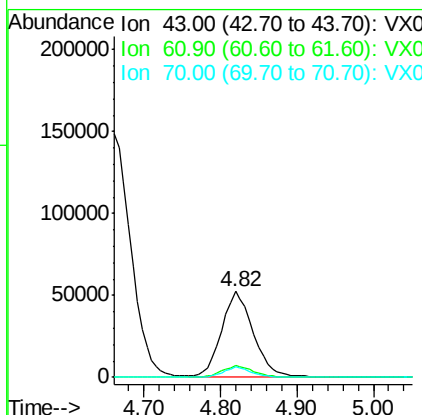
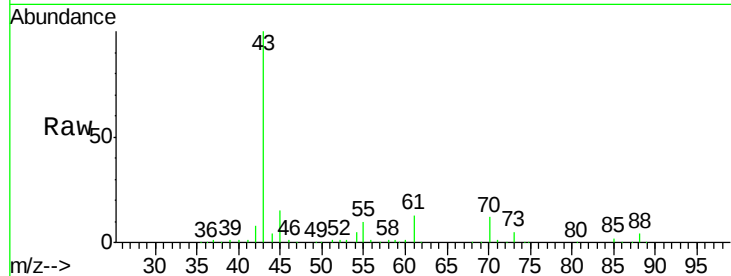
#37
Ethyl Acetate
Concen: 53.267 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	148833
Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.2	15.4
70	10.9	8.7	13.1

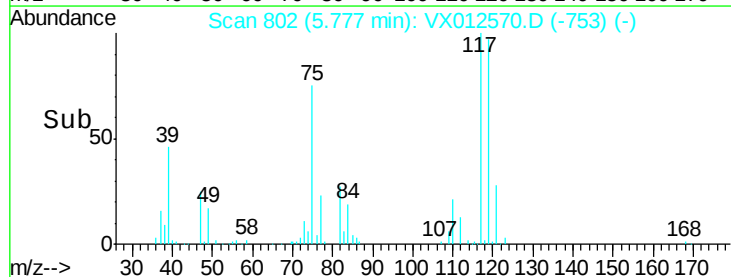
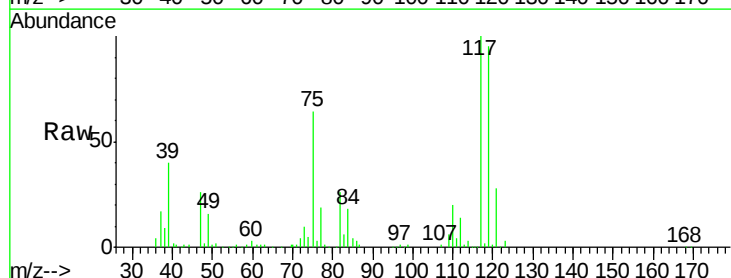
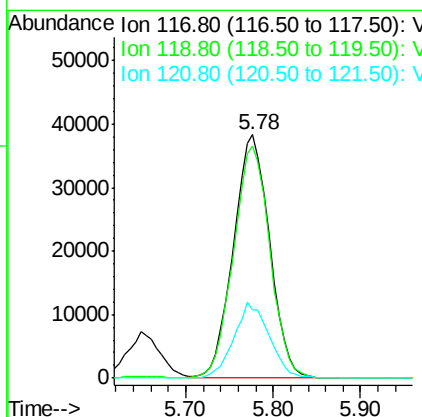
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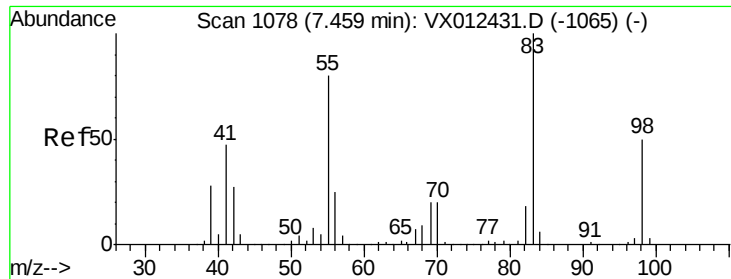
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#38
Carbon Tetrachloride
Concen: 48.772 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Tgt Ion:	117	Resp:	110416
Ion	Ratio	Lower	Upper
117	100		
119	95.1	75.7	113.5
121	28.3	24.2	36.4





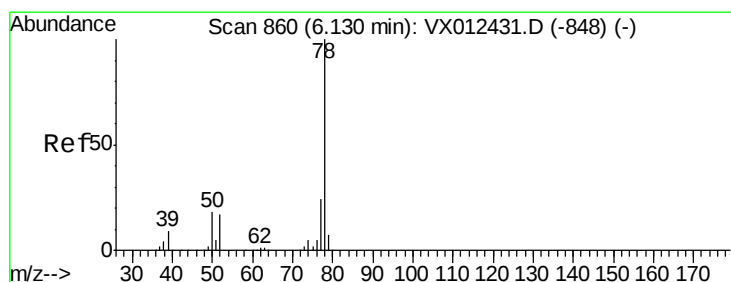
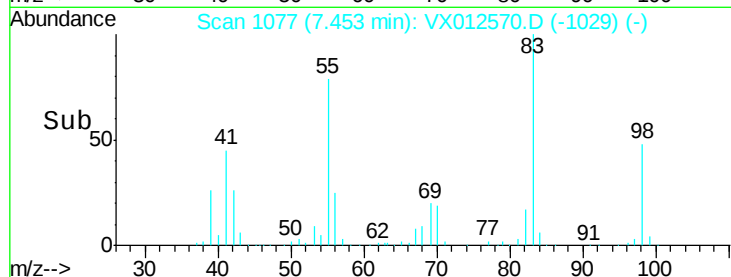
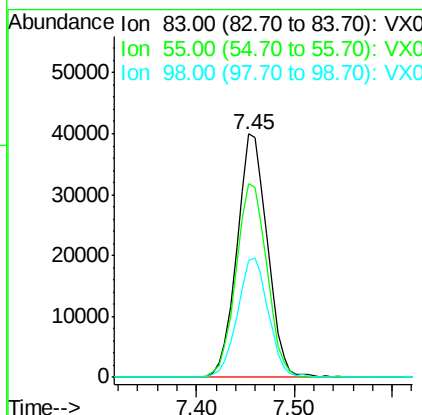
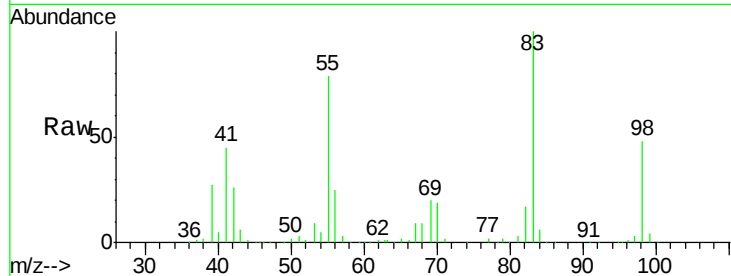
#39
Methvlcvclohexane
Concen: 48.742 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.5	64.4	96.6
98	47.9	40.1	60.1

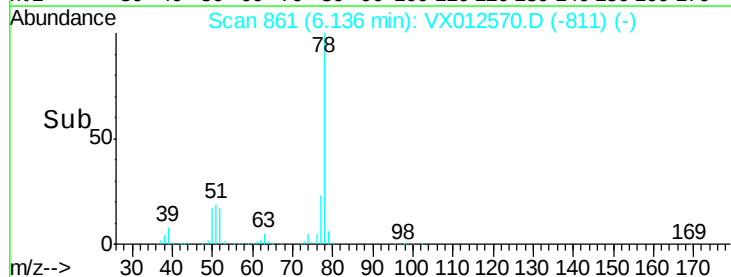
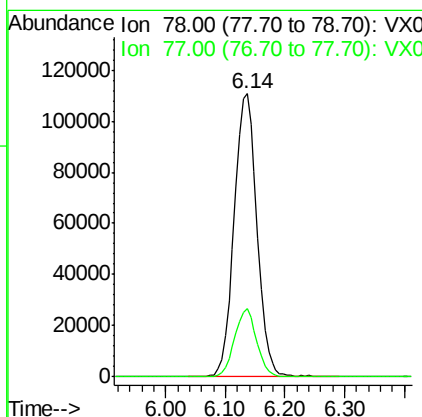
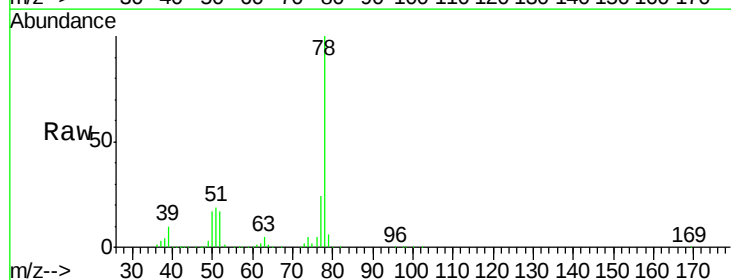
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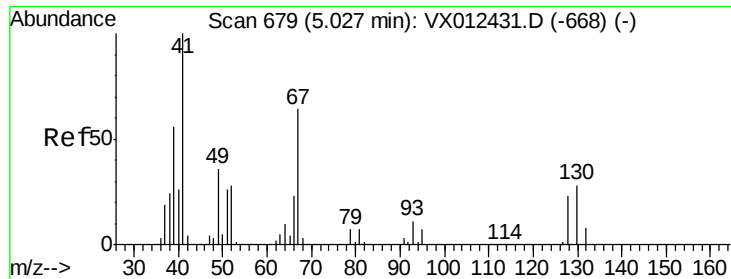
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#40
Benzene
Concen: 51.007 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.2	28.8





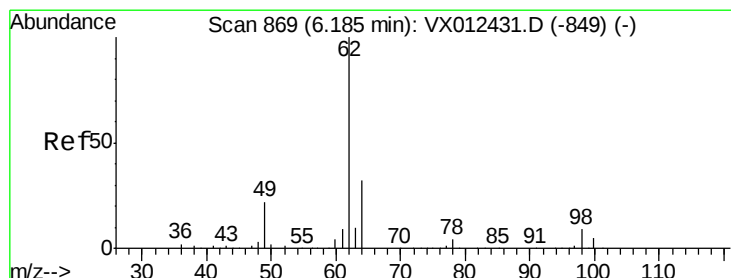
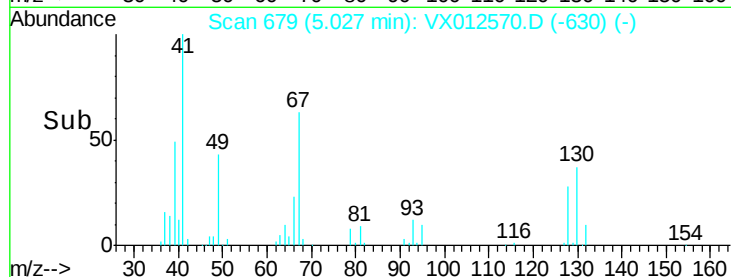
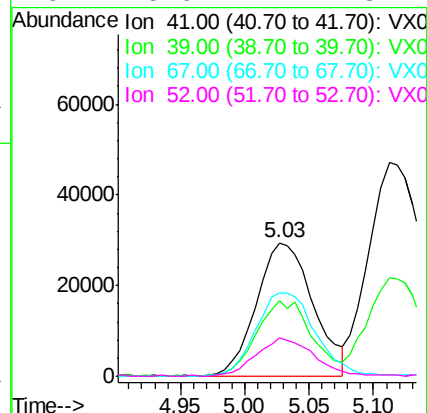
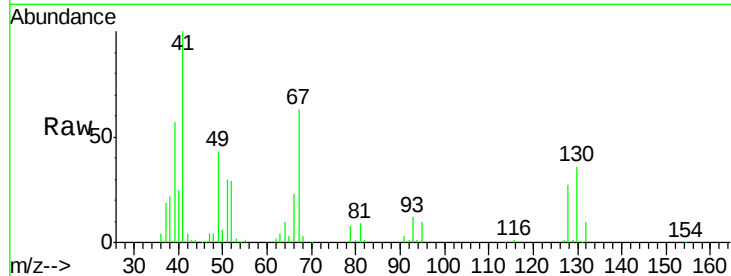
#41
Methacrylonitrile
Concen: 49.854 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.8	46.0	69.0	
67	66.1	52.2	78.2	
52	28.6	22.7	34.1	

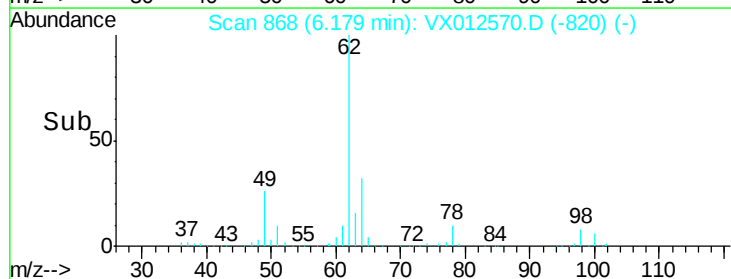
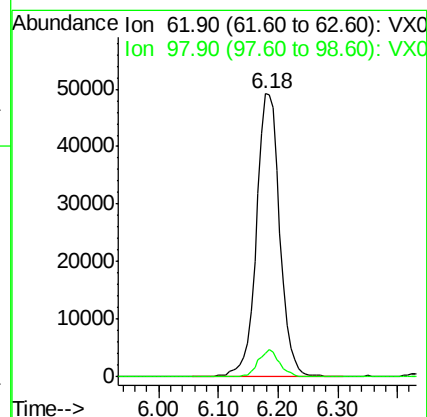
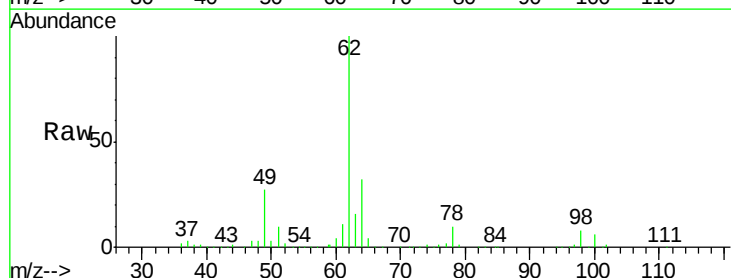
Manual Integrations
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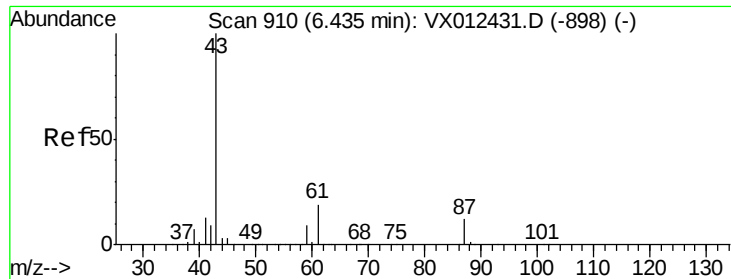
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#42
1,2-Dichloroethane
Concen: 49.891 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.9	0.0	17.8	





#43

Isopropyl Acetate

Concen: 50.287 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

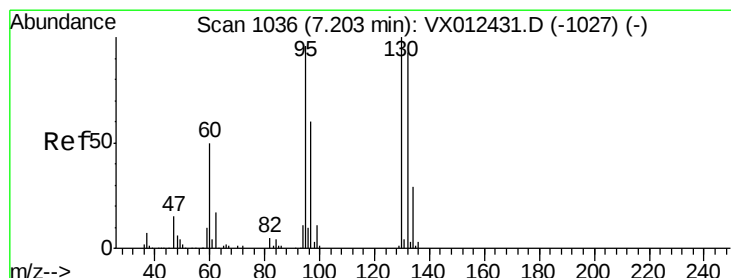
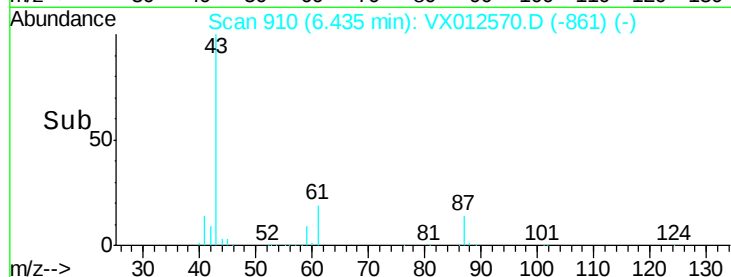
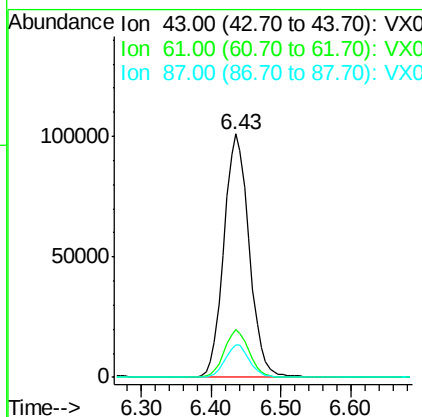
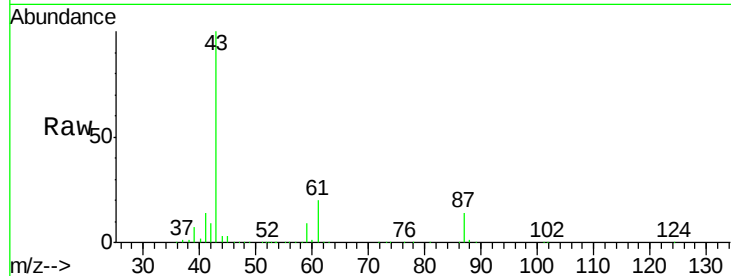
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	252187
Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.4	23.0
87	12.9	9.8	14.8

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#44

Trichloroethene

Concen: 51.714 ug/l

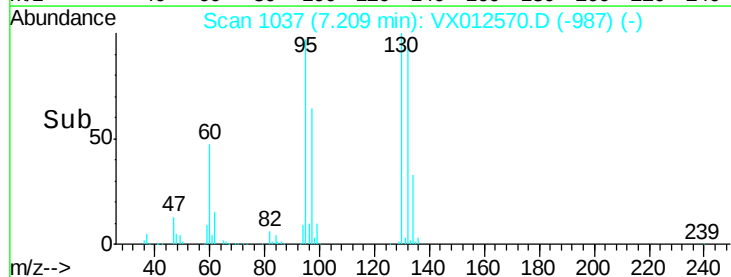
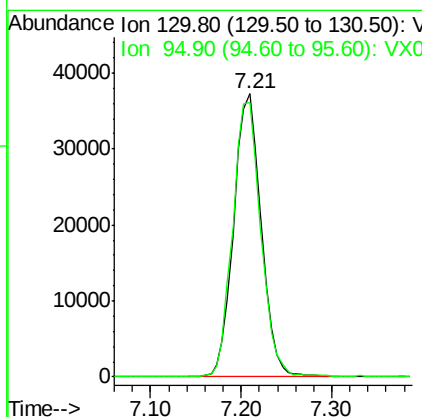
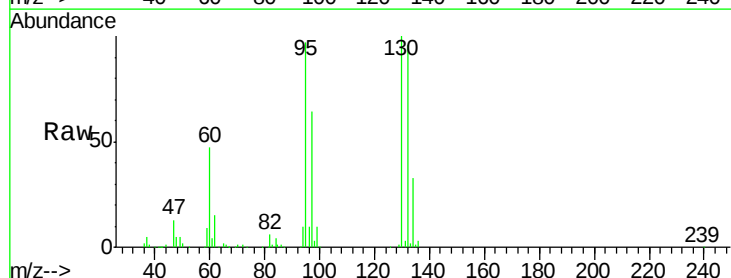
RT: 7.21 min Scan# 1037

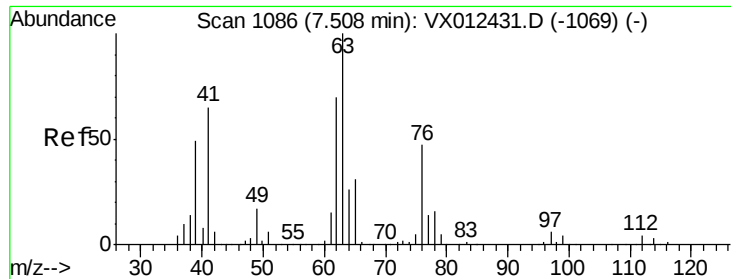
Delta R.T. 0.01 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Tgt Ion:	130	Resp:	78742
Ion	Ratio	Lower	Upper
130	100		
95	96.9	0.0	193.0





#45

1,2-Dichloropropane

Concen: 50.980 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 90659

Ion Ratio Lower Upper

63 100

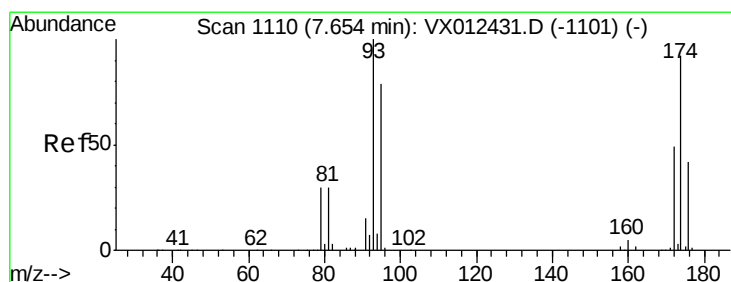
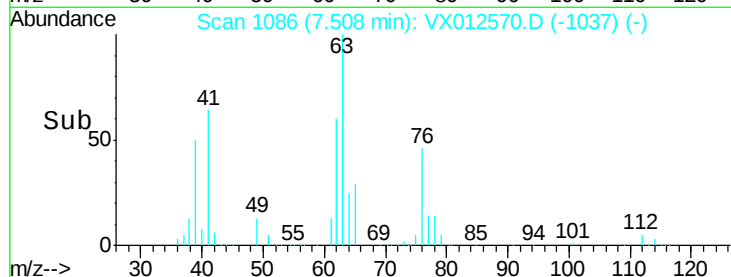
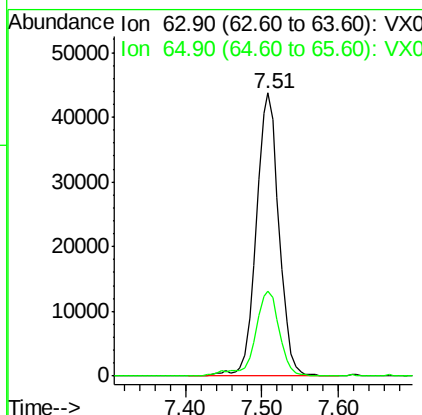
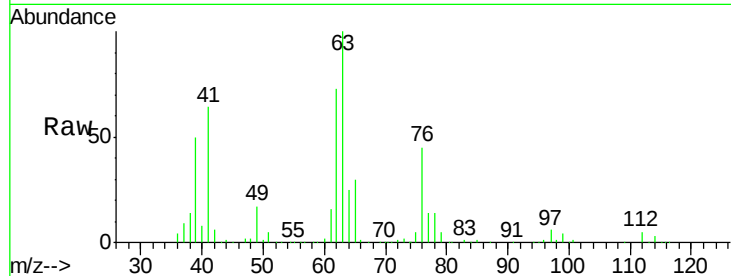
65 30.1 25.0 37.6

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#46

Dibromomethane

Concen: 49.697 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

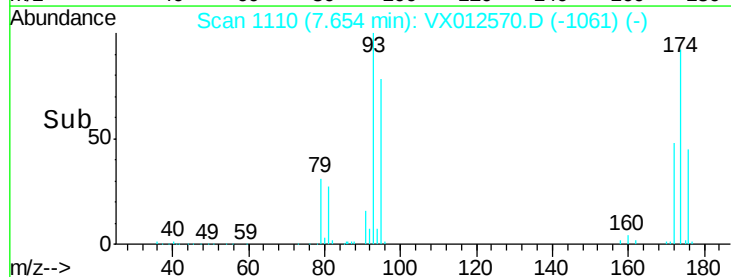
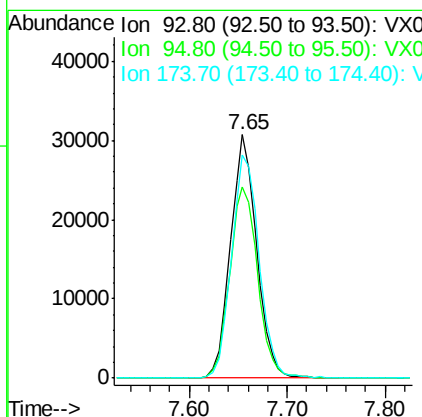
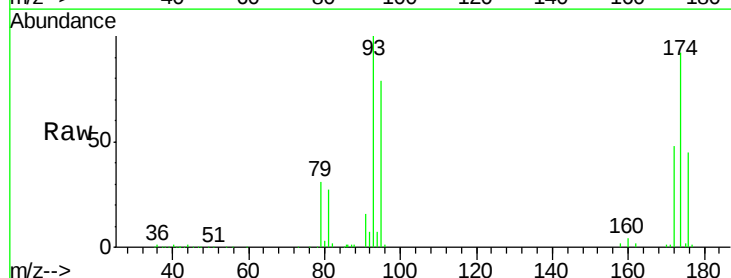
Tgt Ion: 93 Resp: 57191

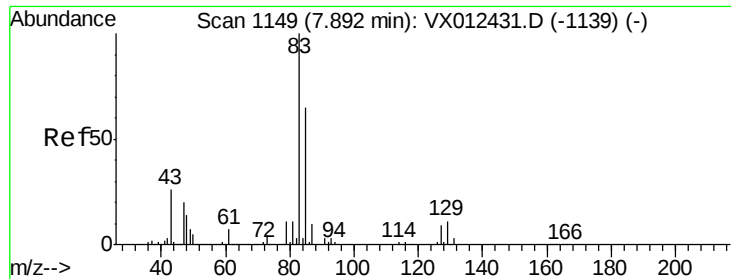
Ion Ratio Lower Upper

93 100

95 83.5 66.6 100.0

174 97.3 77.4 116.0





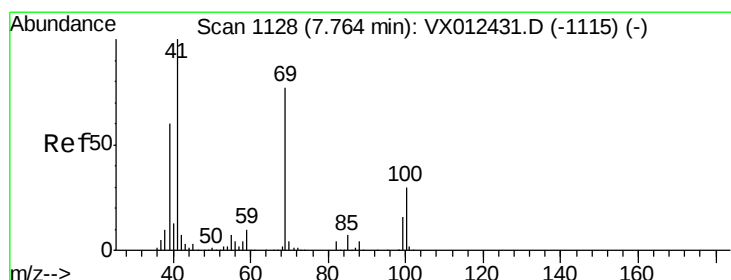
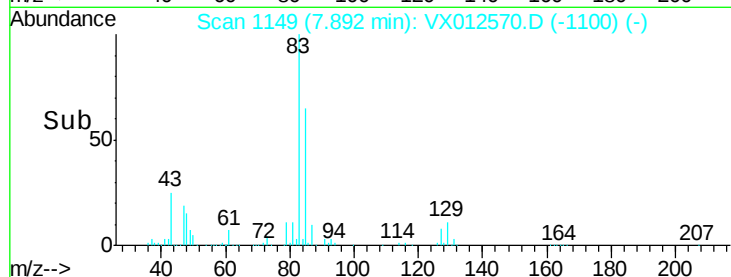
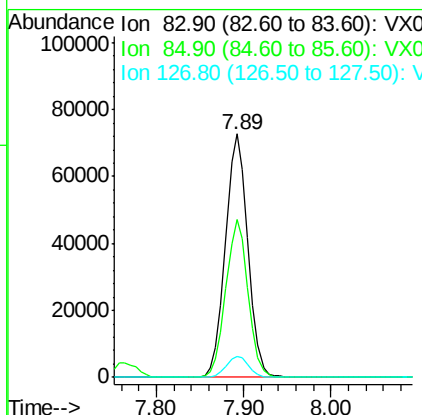
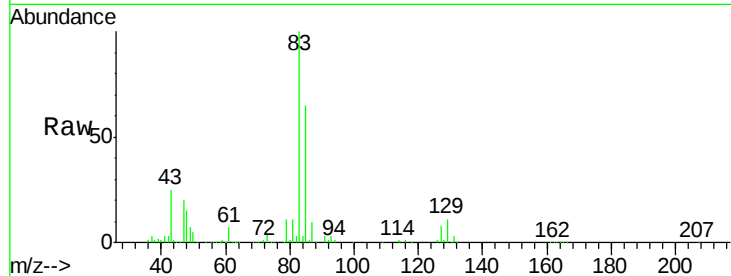
#47
Bromodichloromethane
Concen: 50.442 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	129250		
85	64.9		51.8	77.6
127	8.4		7.3	10.9

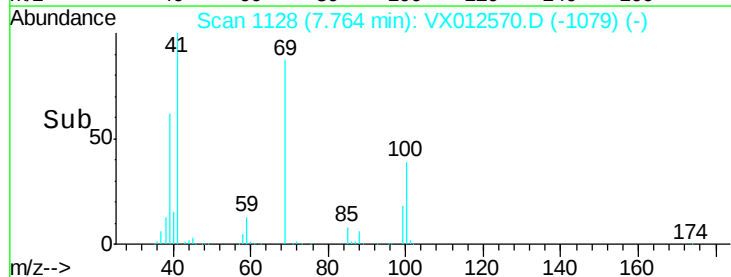
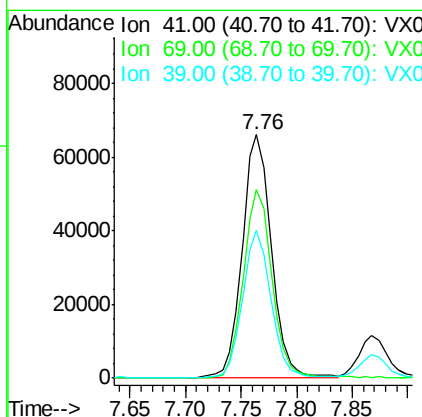
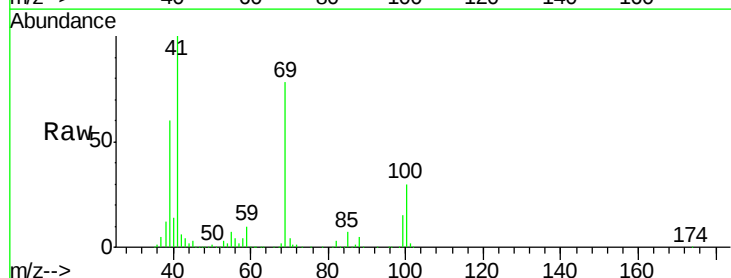
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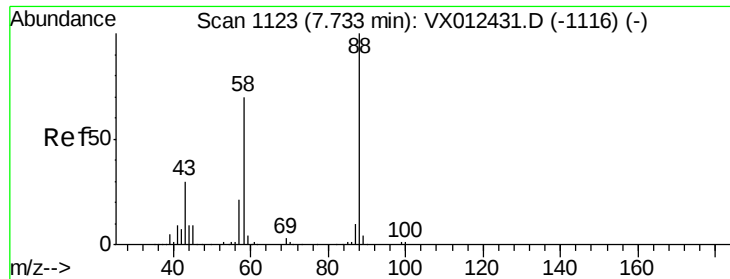
MMDadoda
9/23/2019 11:28:39 AM



#48
Methyl methacrylate
Concen: 50.790 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	120067		
69	77.0		59.9	89.9
39	58.8		47.8	71.6





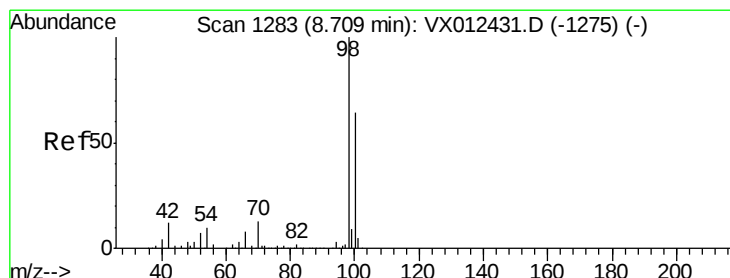
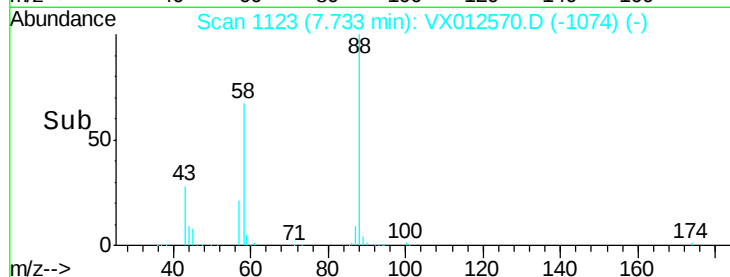
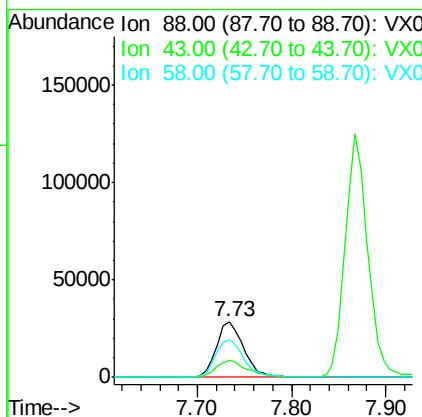
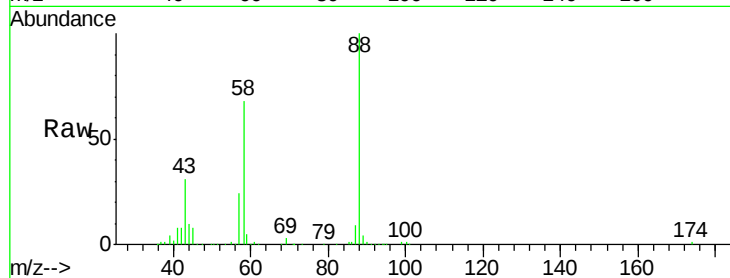
#49
1,4-Dioxane
Concen: 997.965 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.4	29.4	44.0
58	70.9	57.5	86.3

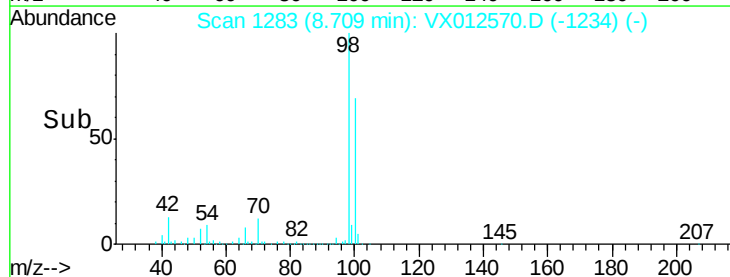
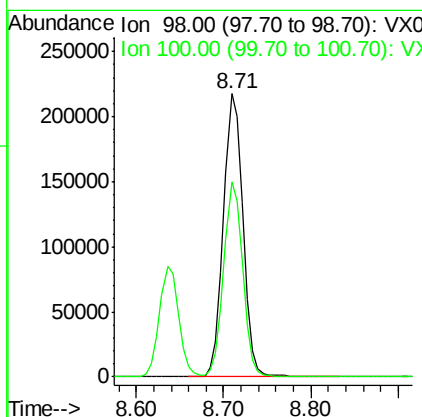
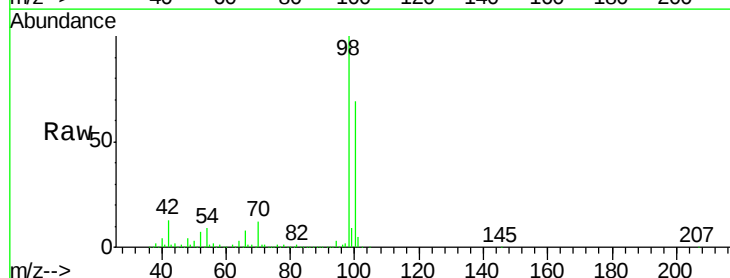
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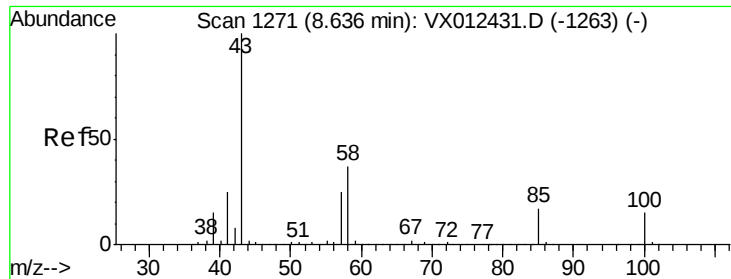
MMDadoda
9/23/2019 11:28:39 AM



#50
Toluene-d8
Concen: 50.198 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 257.501 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 846854

Ion Ratio Lower Upper

43 100

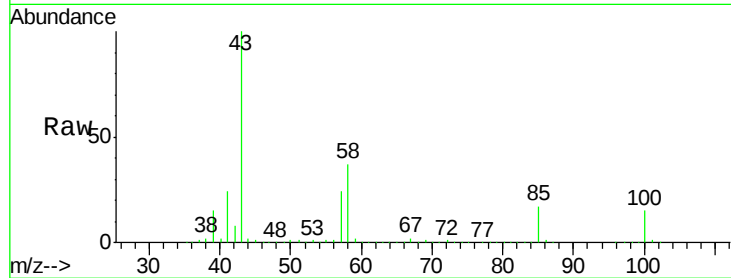
58 37.4 29.8 44.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

600000

500000

400000

300000

200000

100000

0

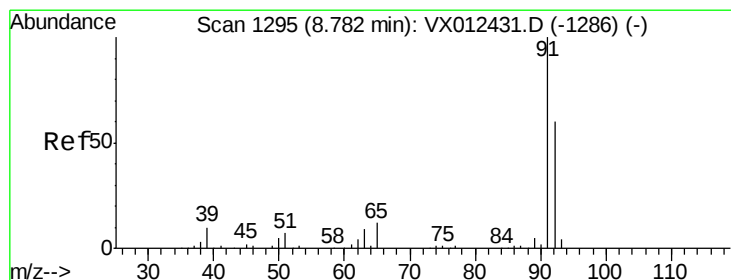
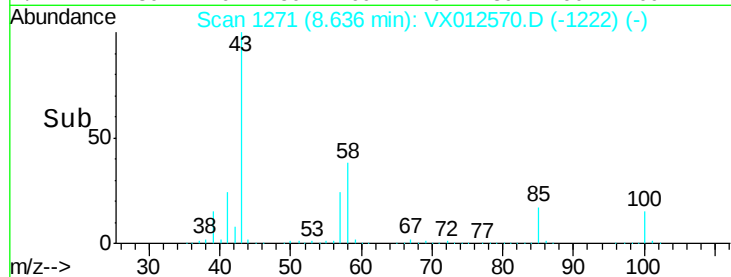
8.60

8.64

8.70

8.80

Time-->



#52

Toluene

Concen: 50.975 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012570.D

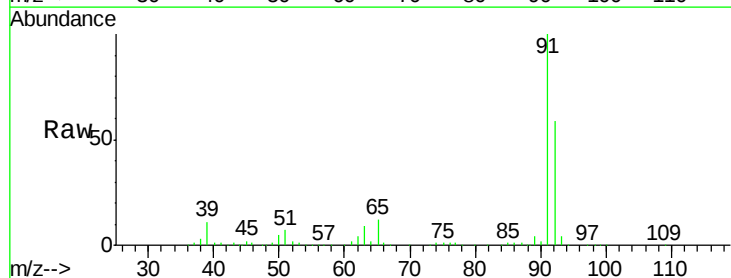
Acq: 20 Sep 2019 20:16

Tgt Ion: 92 Resp: 190130

Ion Ratio Lower Upper

92 100

91 169.6 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

200000

150000

100000

50000

0

8.70

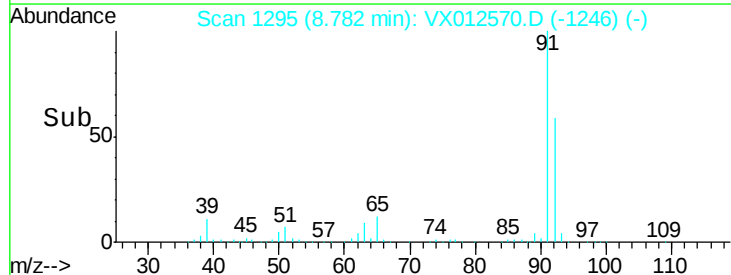
8.75

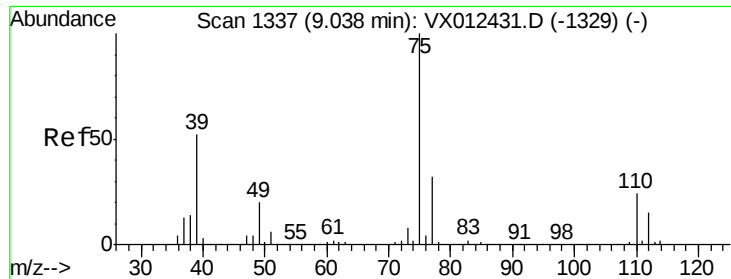
8.78

8.80

8.85

Time-->





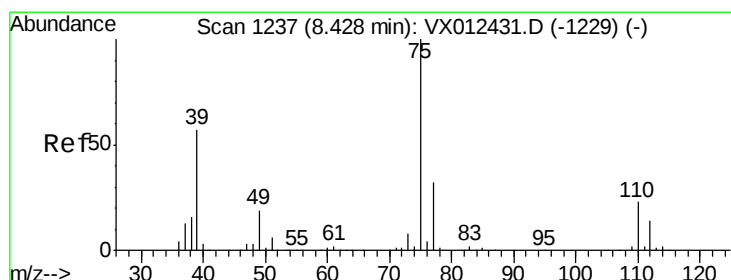
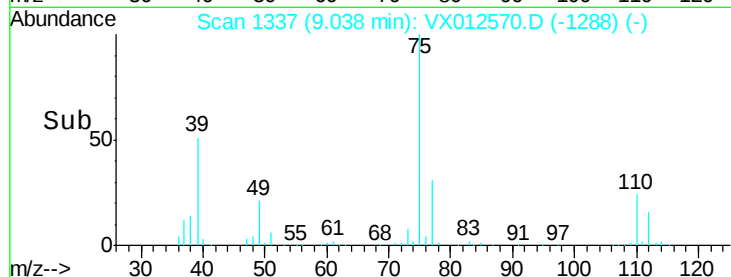
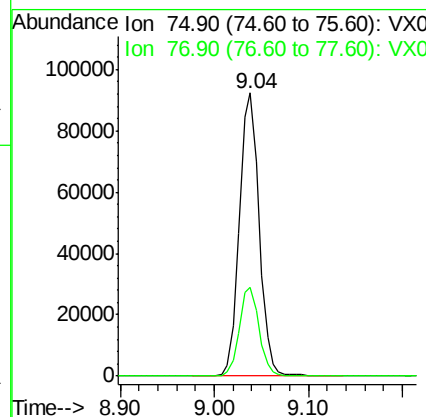
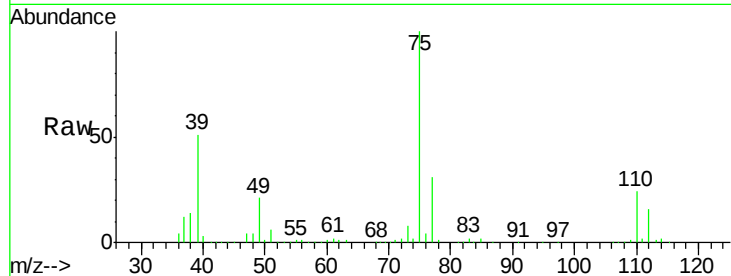
#53
t-1,3-Dichloropropene
Concen: 50.454 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.2	37.8

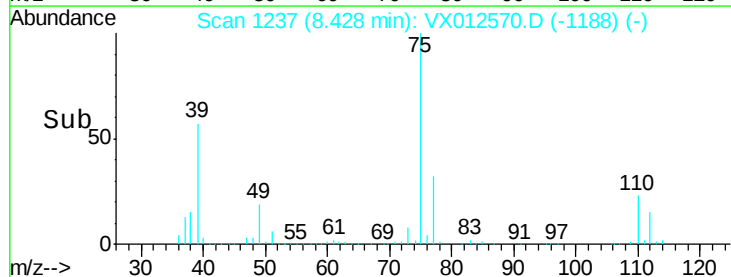
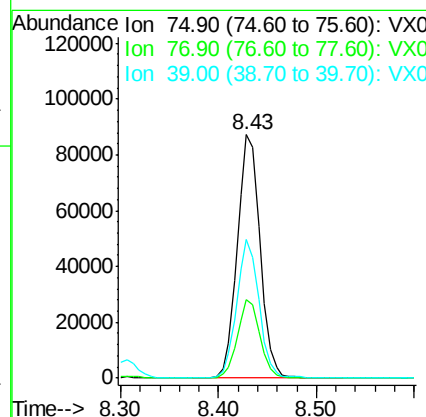
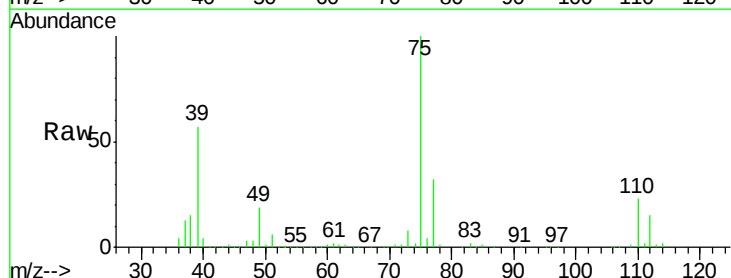
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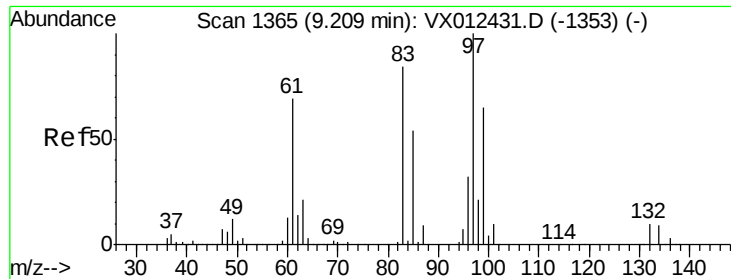
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 51.207 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.8	38.8
39	56.6	45.5	68.3





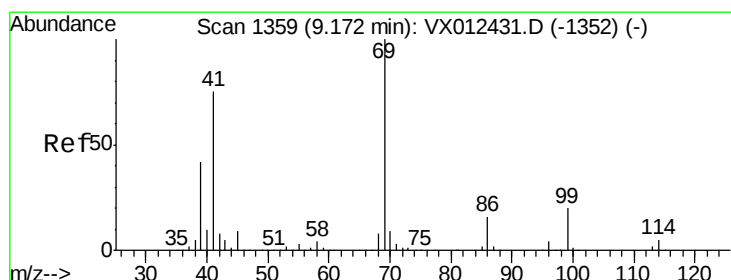
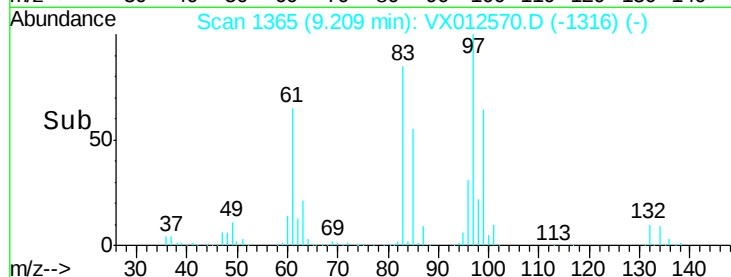
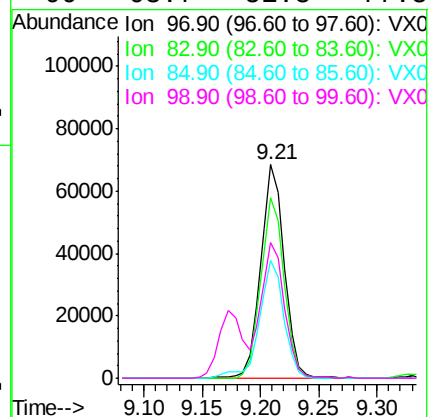
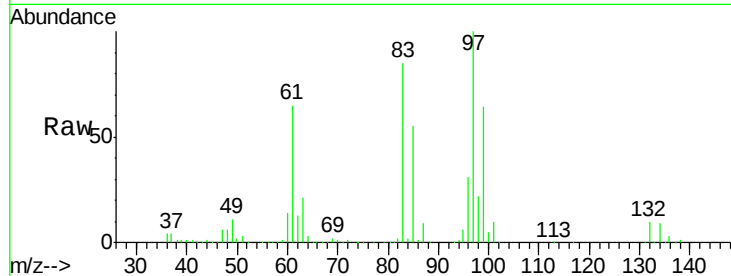
#55
 1,1,2-Trichloroethane
 Concen: 50.482 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012570.D
 Acq: 20 Sep 2019 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	97006
Ion	Ratio	Lower	Upper
97	100		
83	84.8	67.4	101.2
85	55.1	43.5	65.3
99	63.7	51.8	77.8

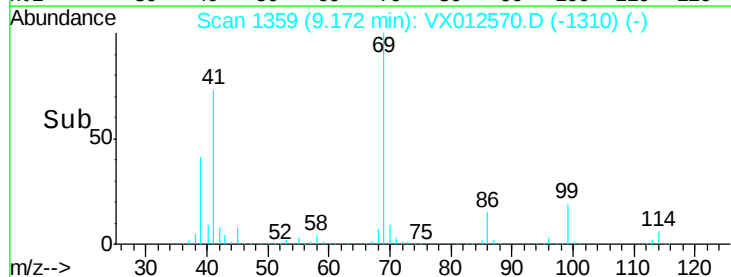
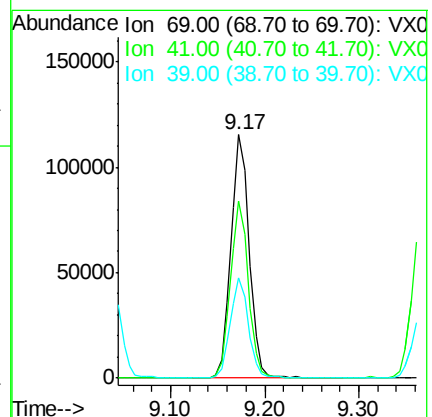
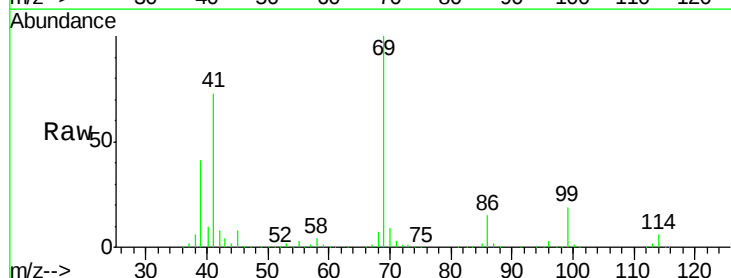
Manual Integrations
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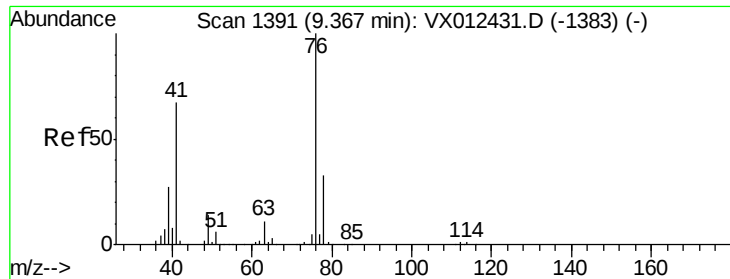
MMDadoda
 9/23/2019 11:28:39 AM



#56
 Ethyl methacrylate
 Concen: 51.883 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012570.D
 Acq: 20 Sep 2019 20:16

Tgt Ion:	69	Resp:	155878
Ion	Ratio	Lower	Upper
69	100		
41	71.3	58.4	87.6
39	40.7	33.4	50.0





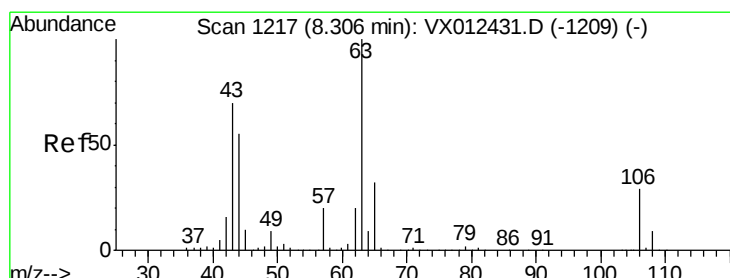
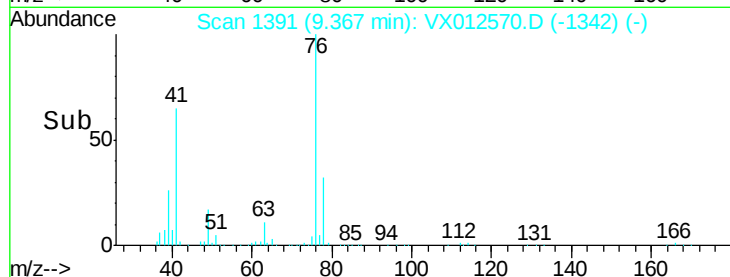
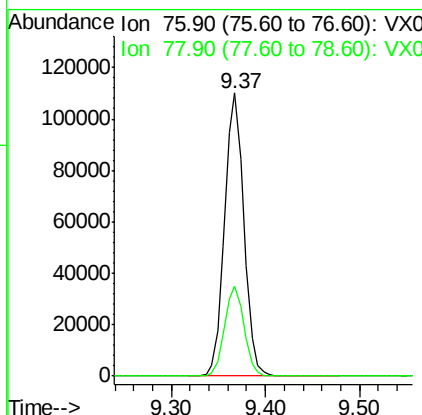
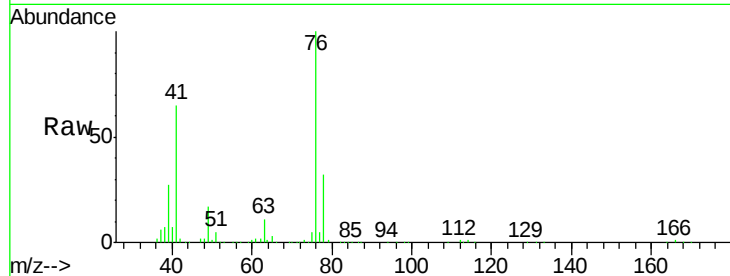
#57
 1,3-Dichloropropane
 Concen: 51.114 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012570.D
 Acq: 20 Sep 2019 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.2	39.2

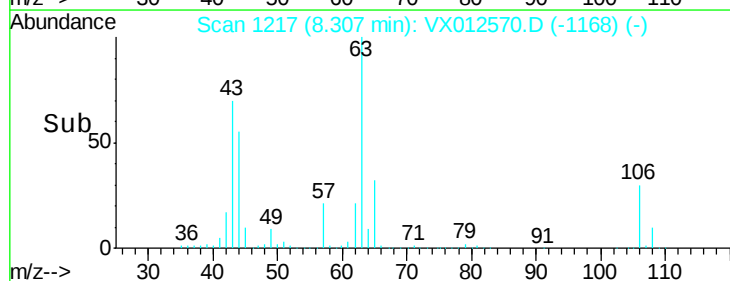
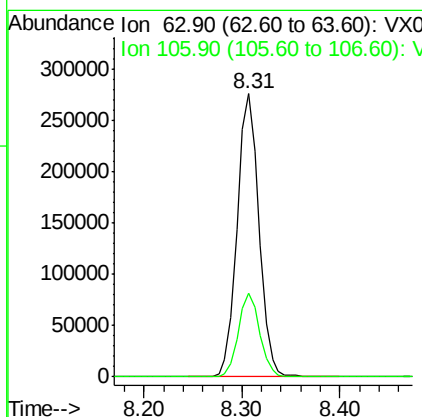
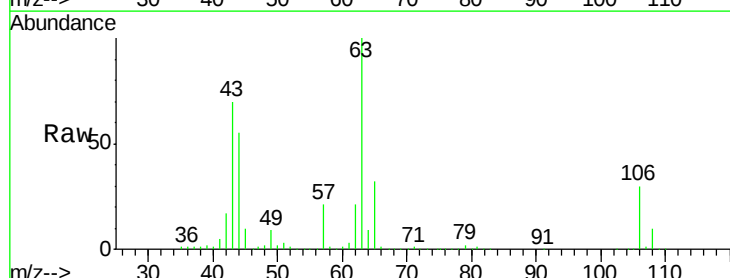
Manual Integrations
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 9/23/2019 11:28:39 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 274.117 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012570.D
 Acq: 20 Sep 2019 20:16

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.4	23.8	35.6





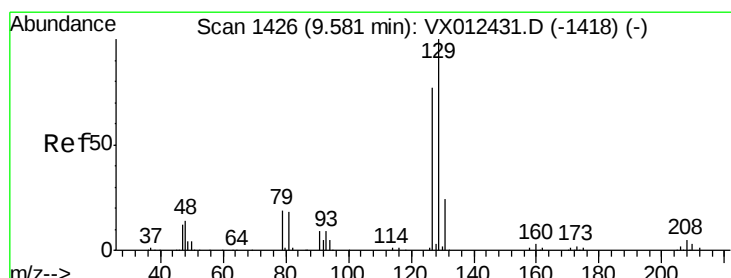
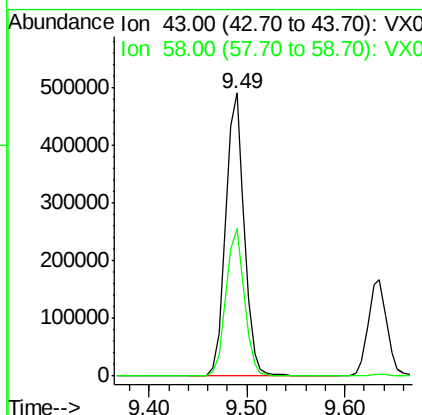
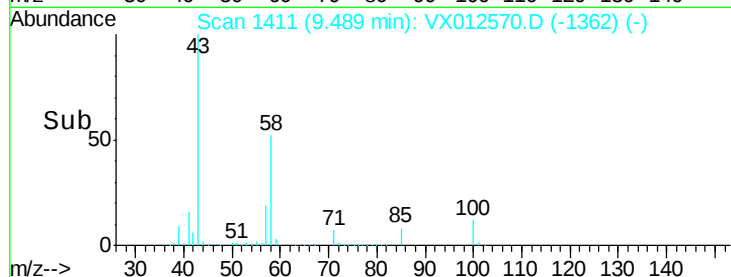
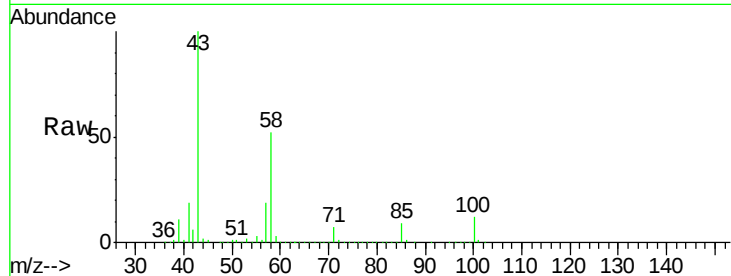
#59
2-Hexanone
Concen: 251.977 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 646513
Ion Ratio Lower Upper
43 100
58 52.1 25.7 77.1

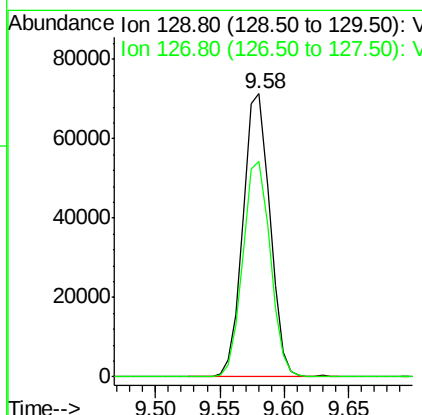
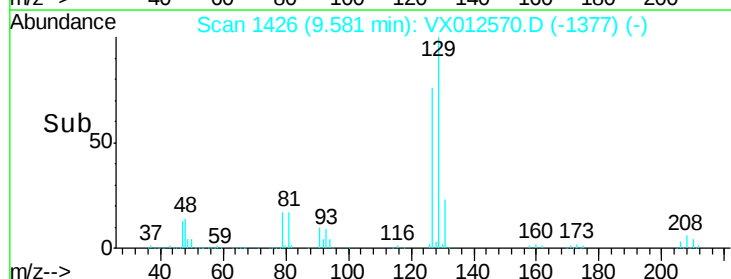
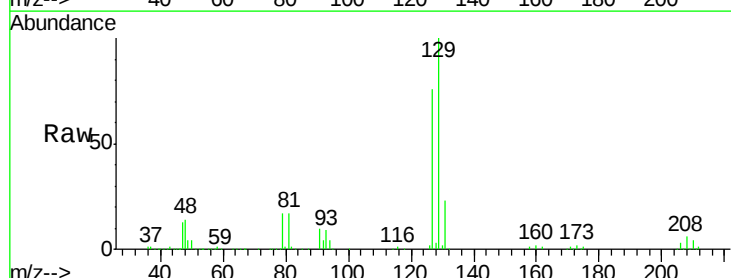
Manual Integrations
APPROVED

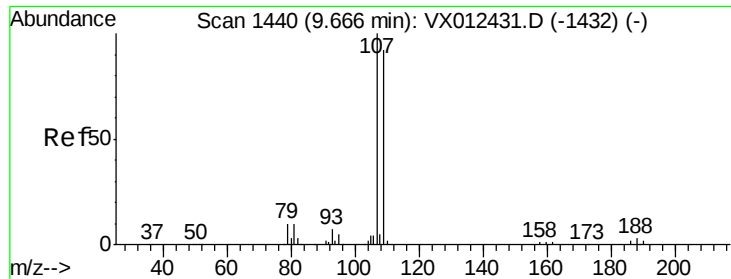
MMDadoda
9/23/2019 11:28:39 AM



#60
Dibromochloromethane
Concen: 52.659 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Tgt Ion: 129 Resp: 103072
Ion Ratio Lower Upper
129 100
127 77.4 38.9 116.6





#61

1,2-Dibromoethane

Concen: 51.547 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 90465

Ion Ratio Lower Upper

107 100

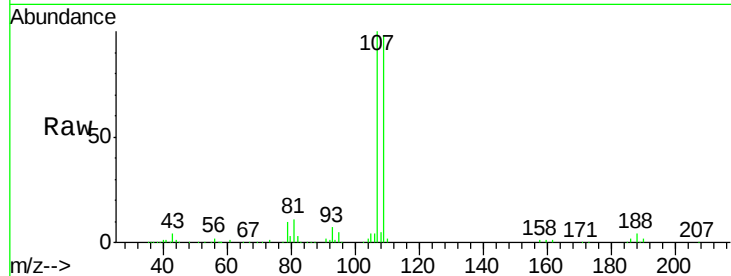
109 96.3 74.7 112.1

Manual Integrations

APPROVED

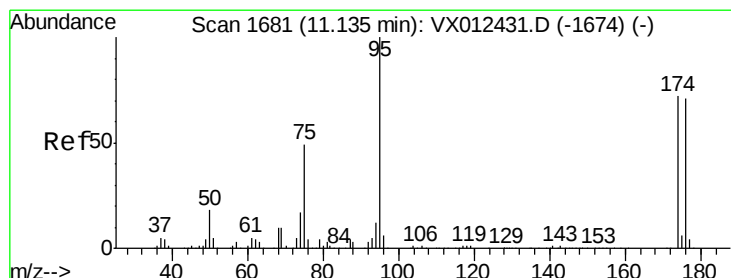
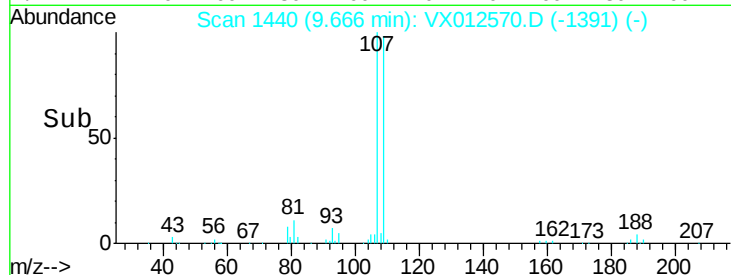
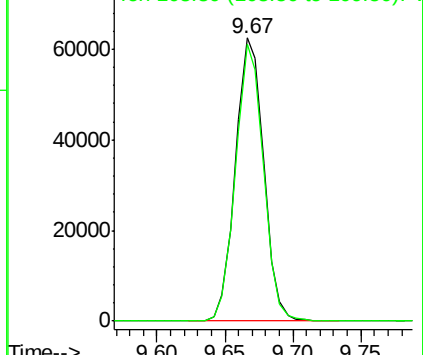
MMDadoda

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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: 49.592 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

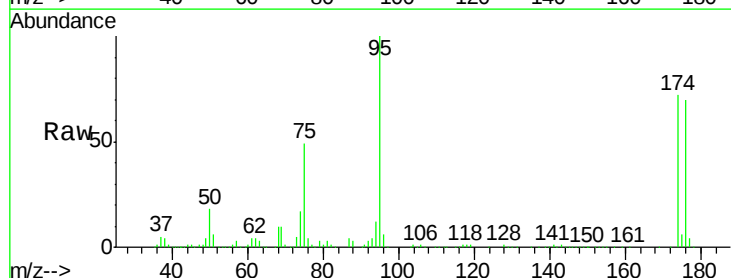
Tgt Ion: 95 Resp: 138165

Ion Ratio Lower Upper

95 100

174 71.6 0.0 140.0

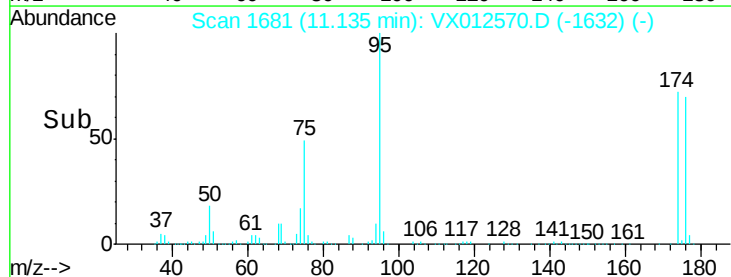
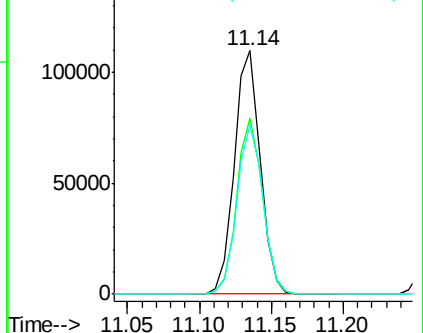
176 69.5 0.0 135.4

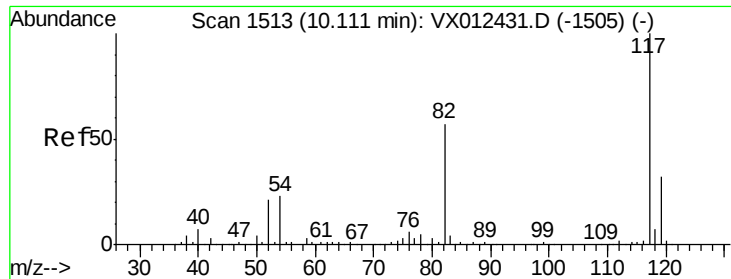


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





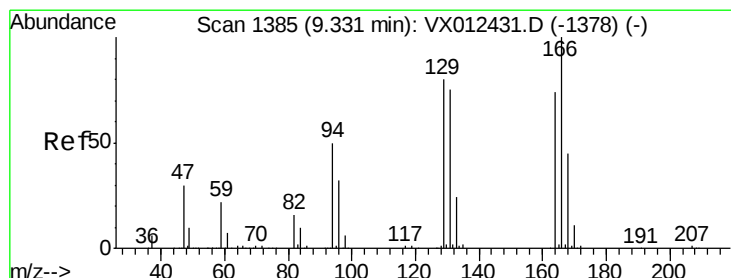
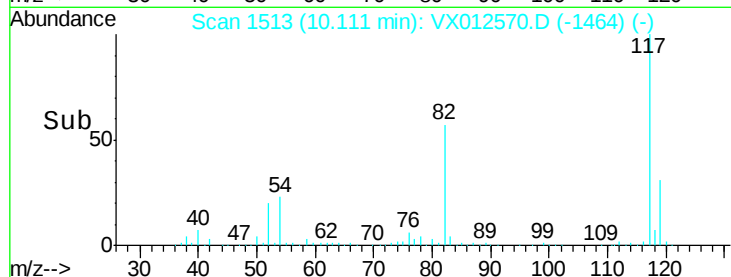
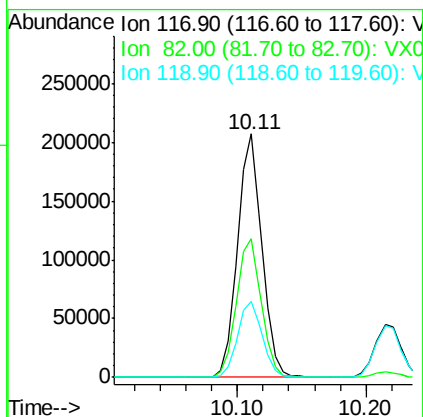
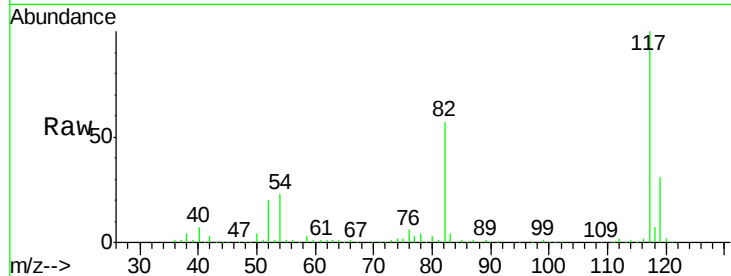
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	45.9	68.9
119	31.0	25.3	37.9

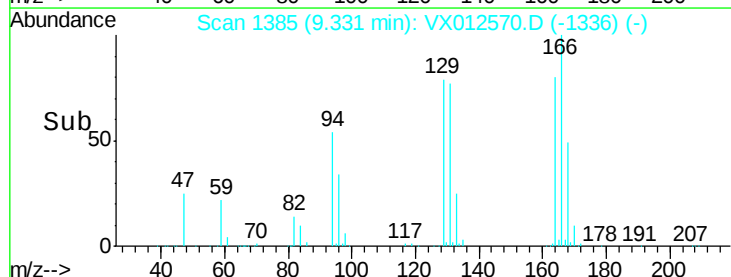
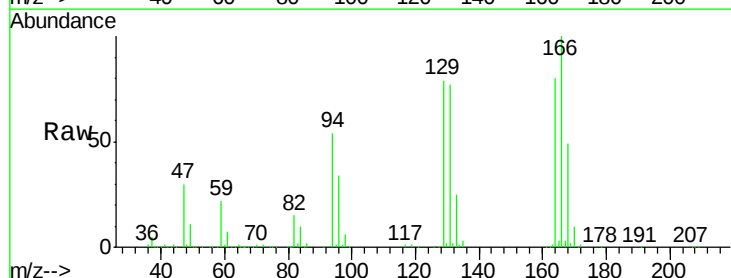
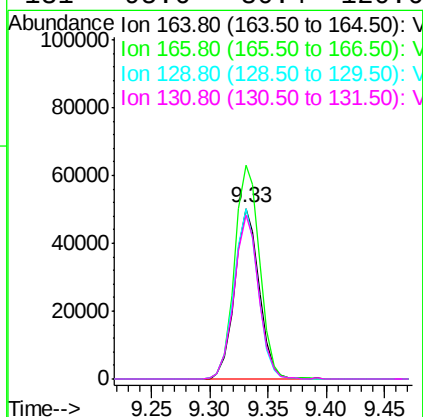
Manual Integrations
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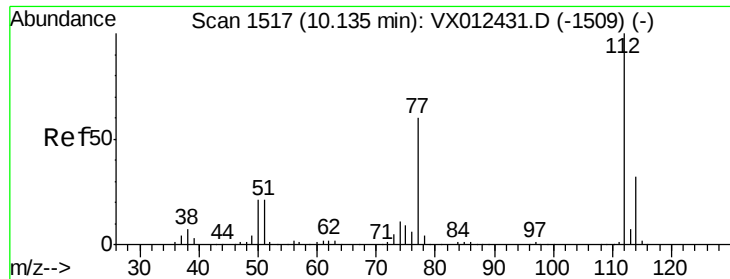
MMDadoda
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#64
Tetrachloroethene
Concen: 59.307 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.0	107.8	161.6
129	99.3	86.2	129.2
131	95.6	80.4	120.6





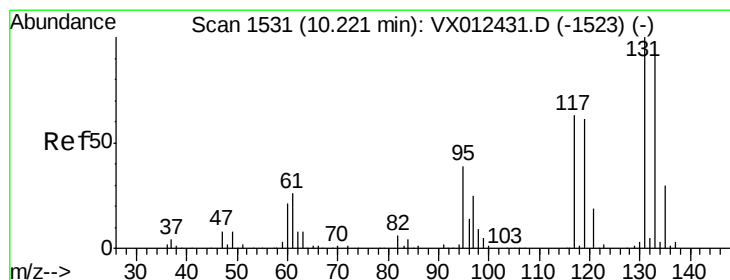
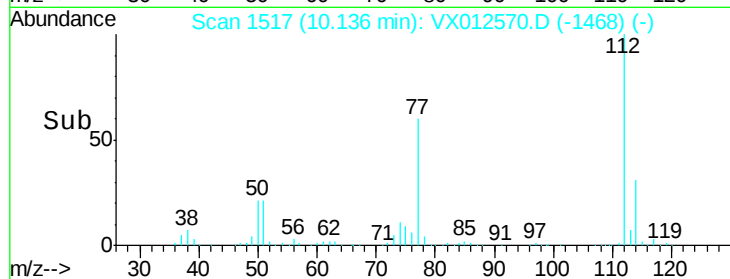
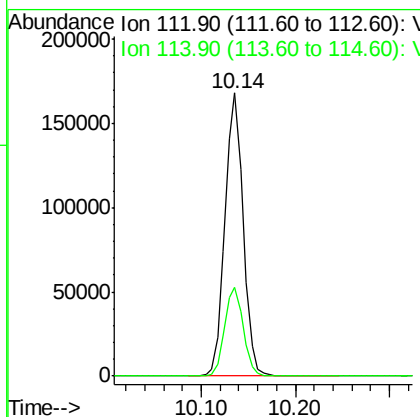
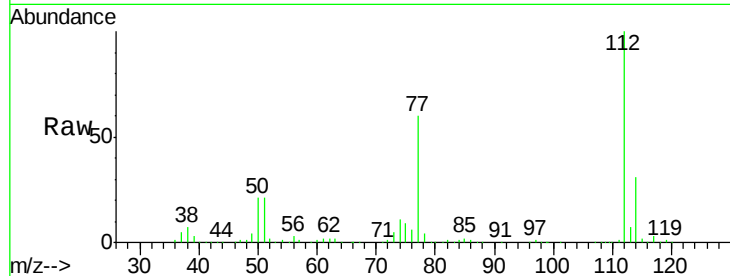
#65
Chlorobenzene
Concen: 50.419 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 22547
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.0

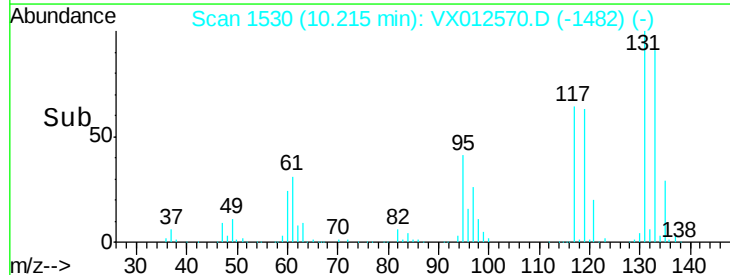
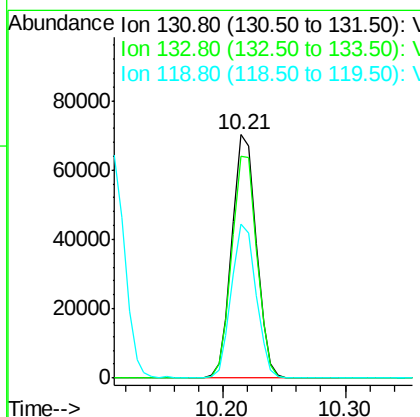
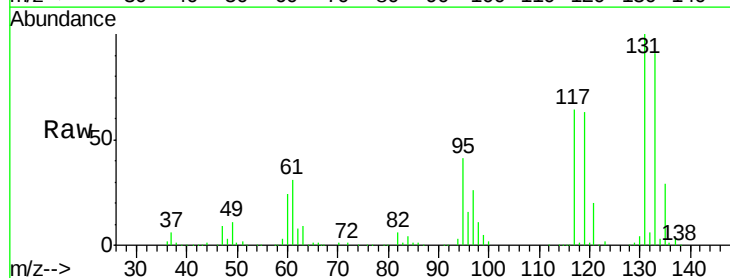
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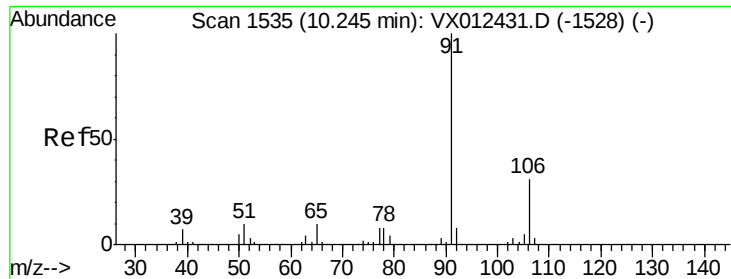
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.147 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Tgt Ion:131 Resp: 96816
Ion Ratio Lower Upper
131 100
133 93.6 47.6 142.9
119 63.2 31.3 93.8





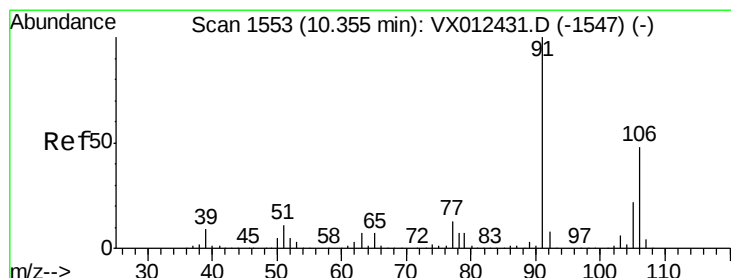
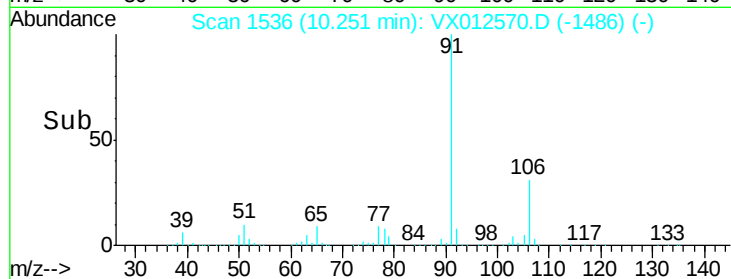
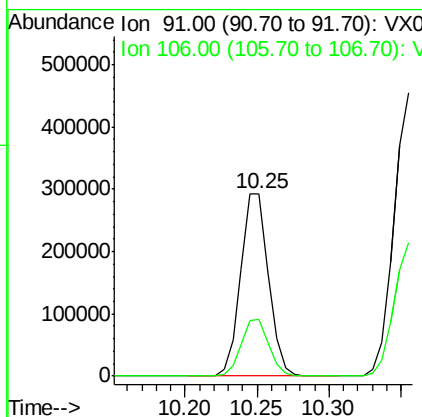
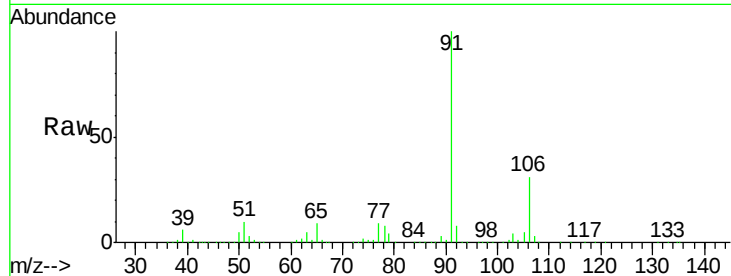
#67
Ethyl Benzene
Concen: 51.156 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 393171
Ion Ratio Lower Upper
91 100
106 31.2 24.6 37.0

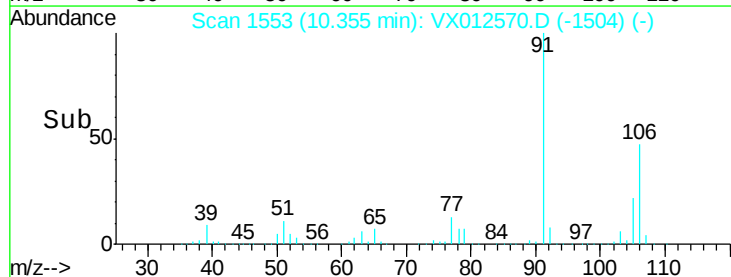
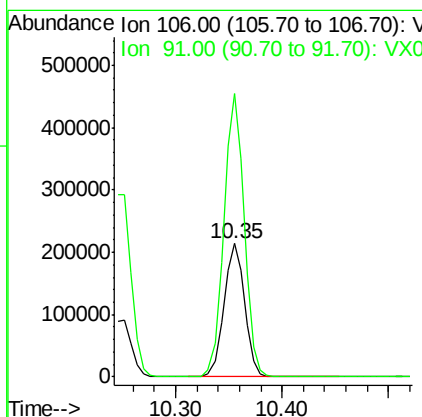
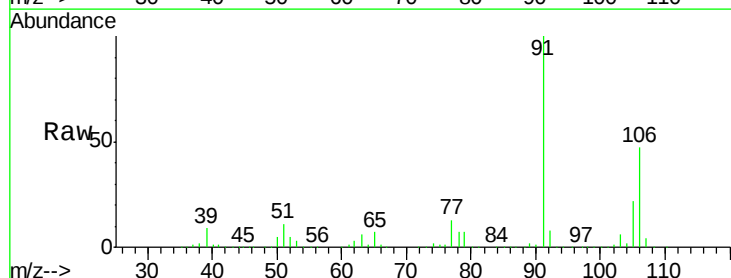
Manual Integrations
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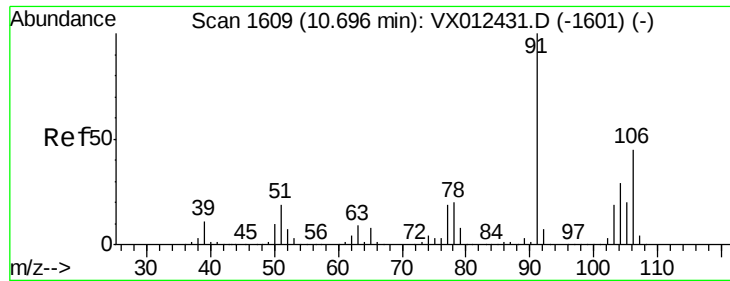
MMDadoda
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#68
m/p-Xylenes
Concen: 103.370 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Tgt Ion: 106 Resp: 289068
Ion Ratio Lower Upper
106 100
91 209.4 166.6 250.0





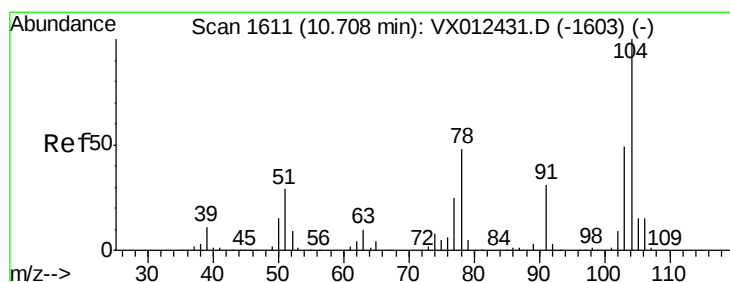
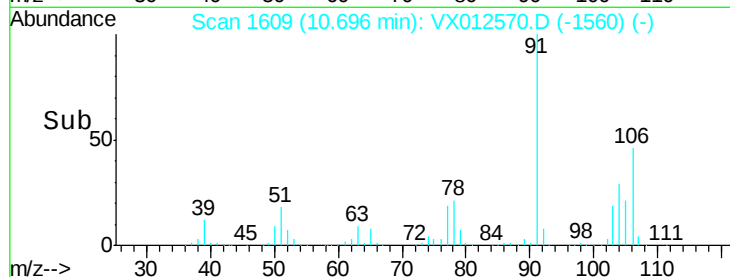
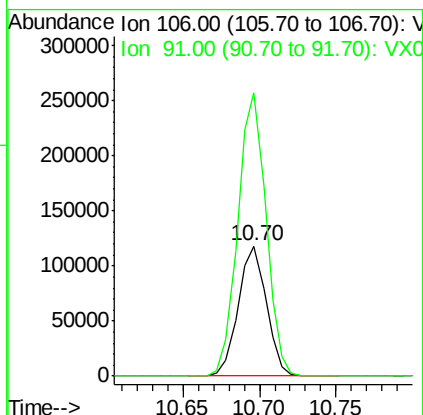
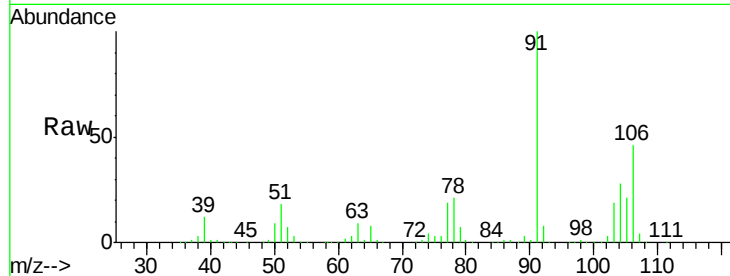
#69
o-Xylene
Concen: 52.193 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	218.2	109.4	328.2

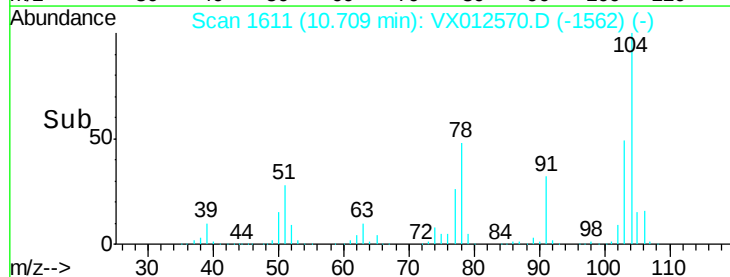
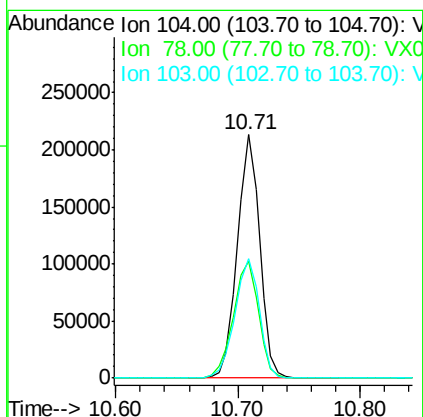
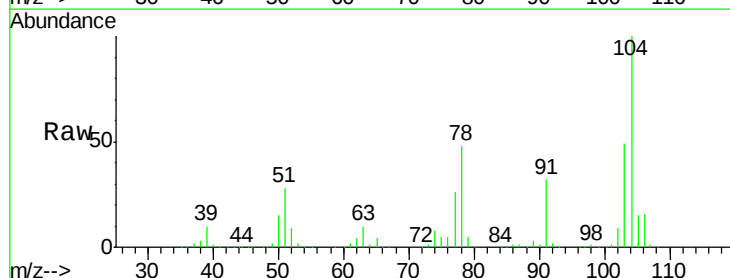
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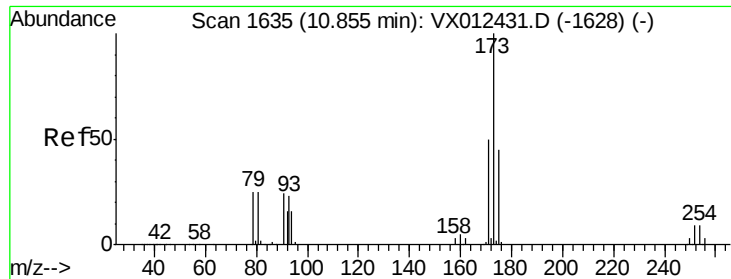
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#70
Styrene
Concen: 52.695 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Tgt Ion	Ratio	Lower	Upper
104	100		
78	54.1	43.4	65.2
103	53.7	43.3	64.9





#71

Bromoform

Concen: 45.829 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 72855

Ion Ratio Lower Upper

173 100

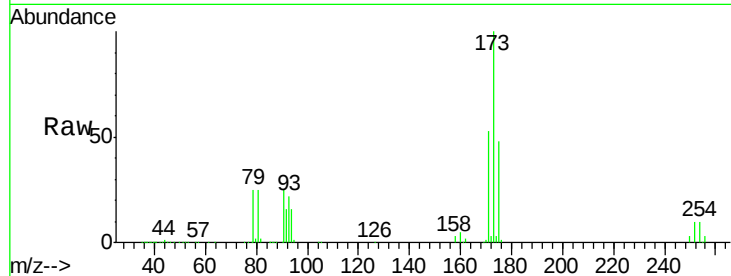
175 47.8 23.7 71.1

254 0.1 0.1 0.1#

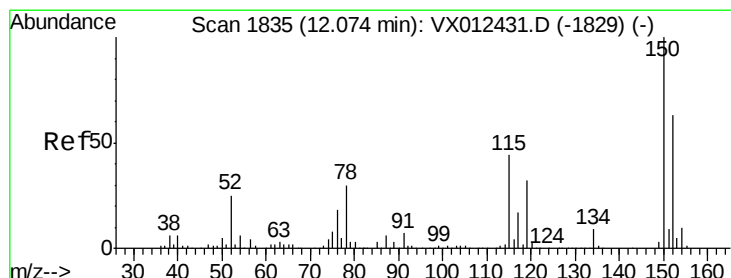
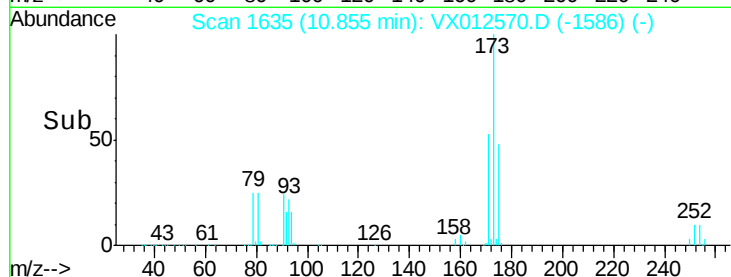
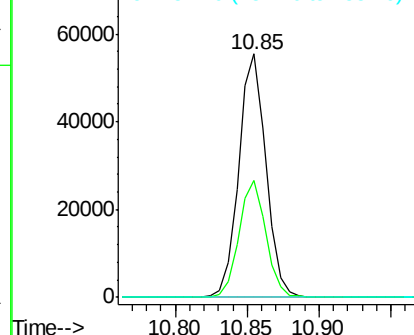
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

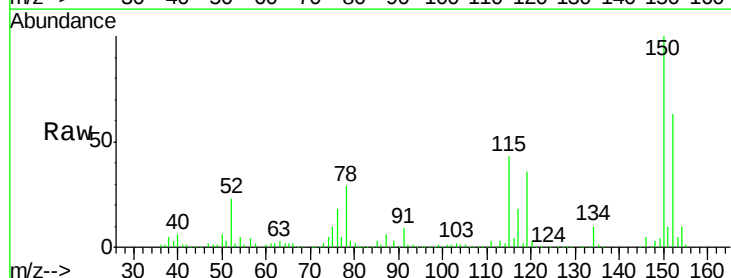
Tgt Ion:152 Resp: 131921

Ion Ratio Lower Upper

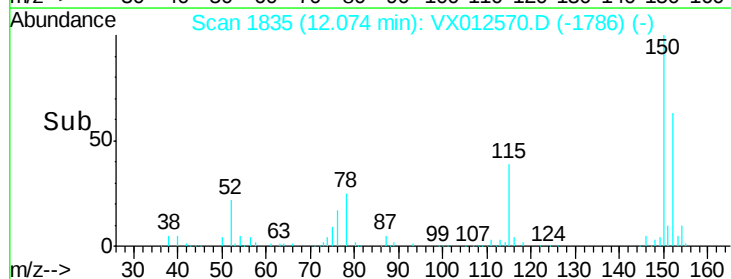
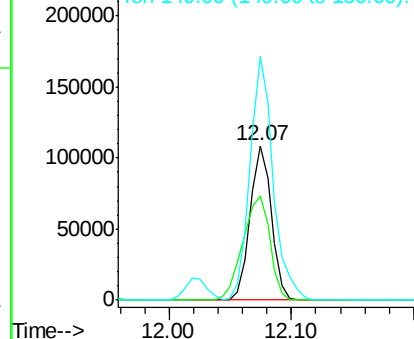
152 100

115 84.9 44.1 132.3

150 171.0 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: 50.141 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 415028

Ion Ratio Lower Upper

105 100

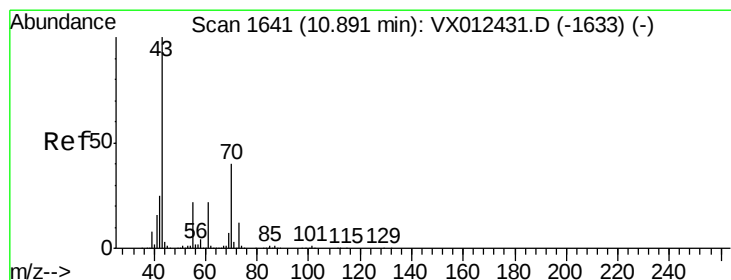
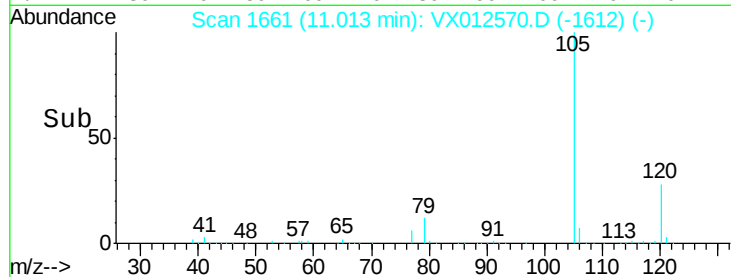
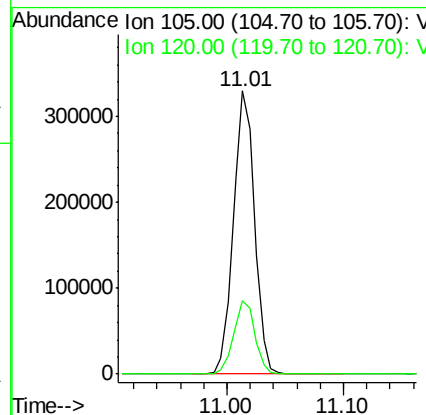
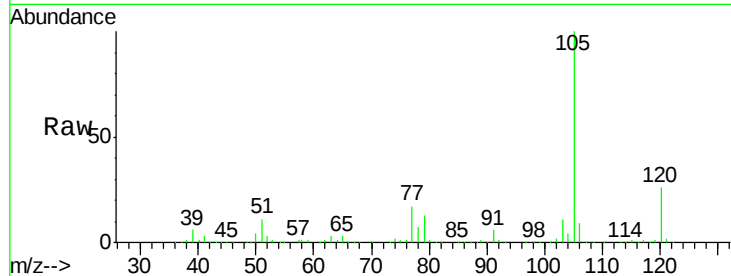
120 26.2 12.9 38.7

Manual Integrations

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#74

N-ethyl acetate

Concen: 50.760 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Tgt Ion: 43 Resp: 226203

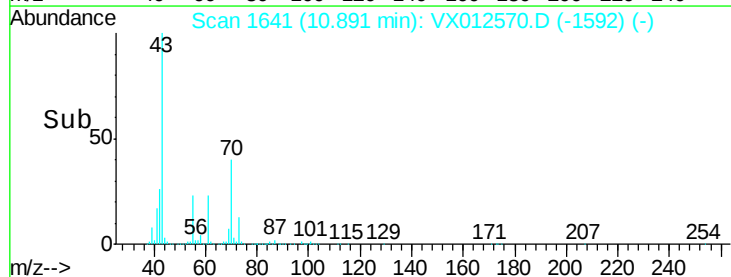
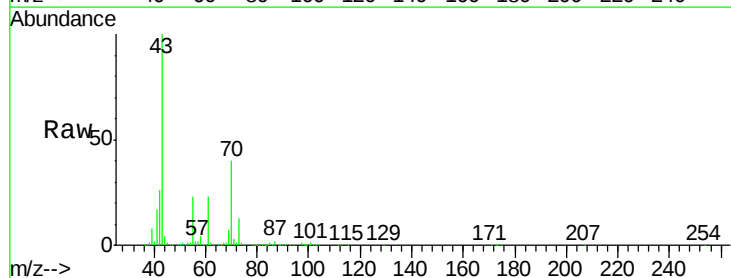
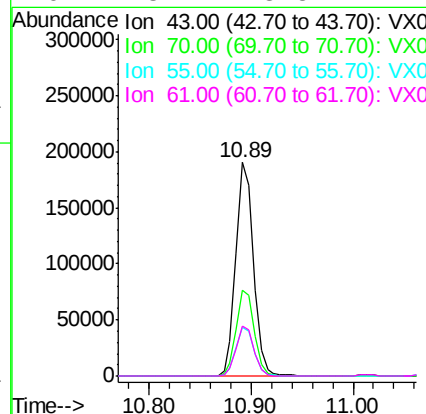
Ion Ratio Lower Upper

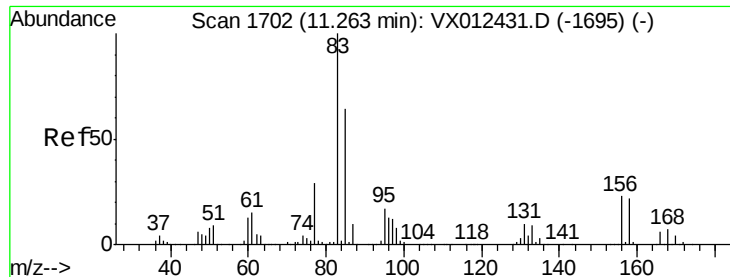
43 100

70 41.3 32.4 48.6

55 23.6 18.2 27.4

61 23.7 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 50.287 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

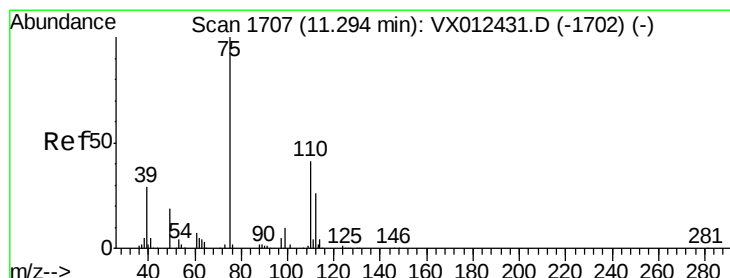
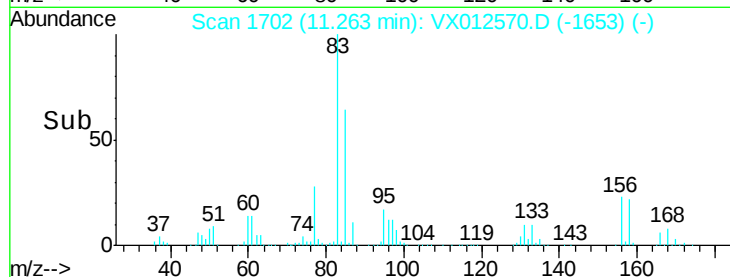
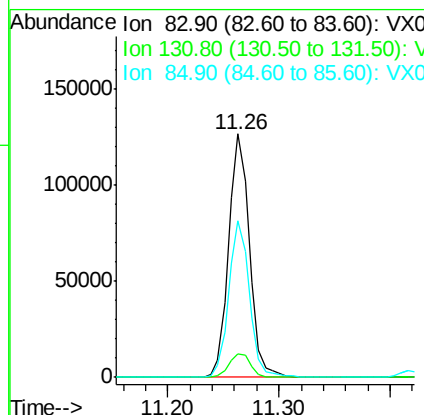
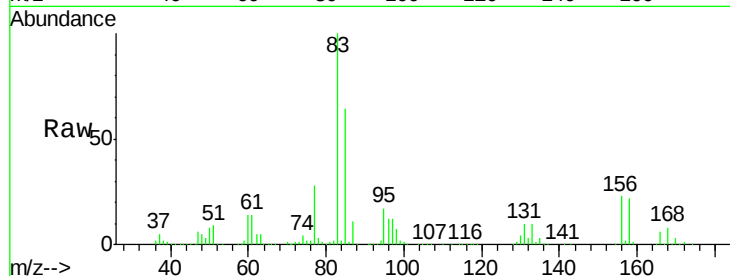
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	163280
Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.2	15.6
85	64.3	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.996 ug/l m

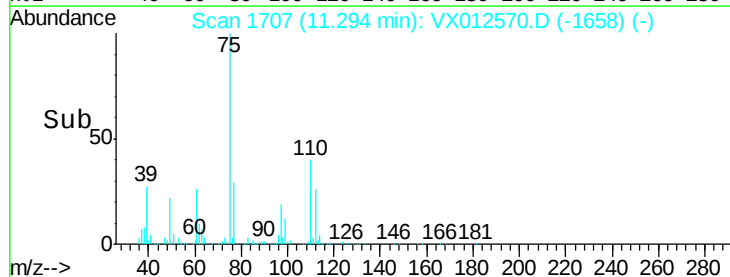
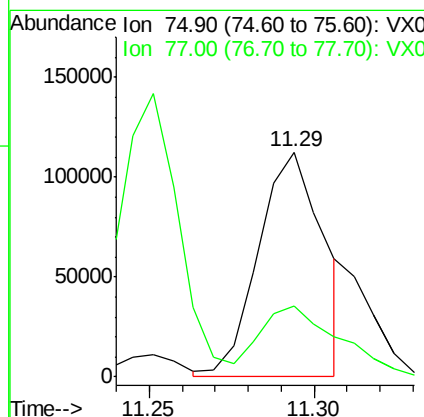
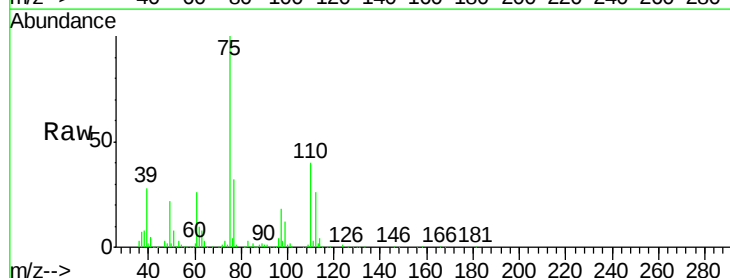
RT: 11.29 min Scan# 1707

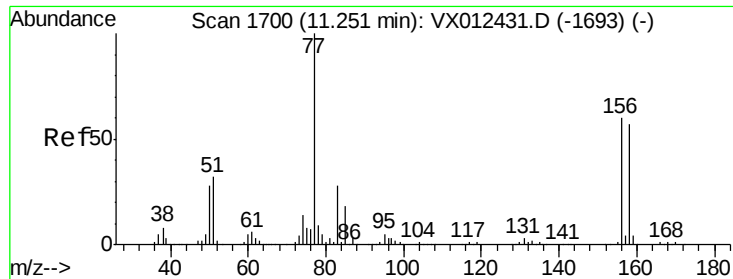
Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Tgt Ion:	75	Resp:	154534
Ion	Ratio	Lower	Upper
75	100		
77	38.4	19.7	59.0





#77

Bromobenzene

Concen: 50.726 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

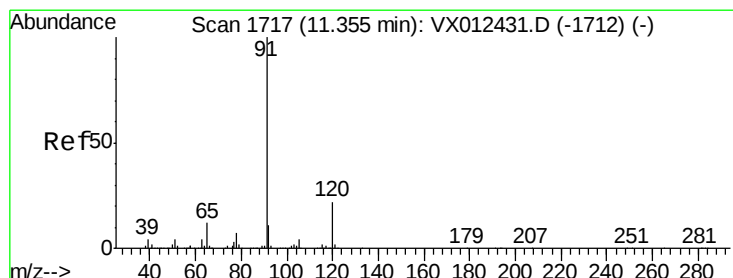
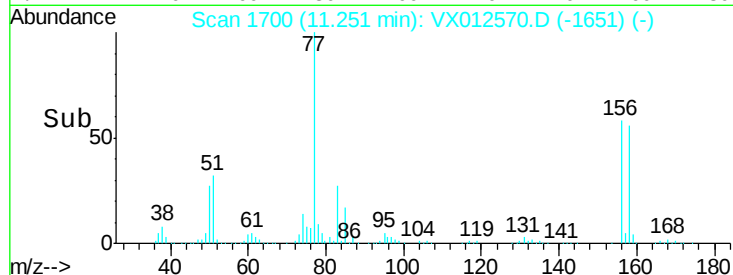
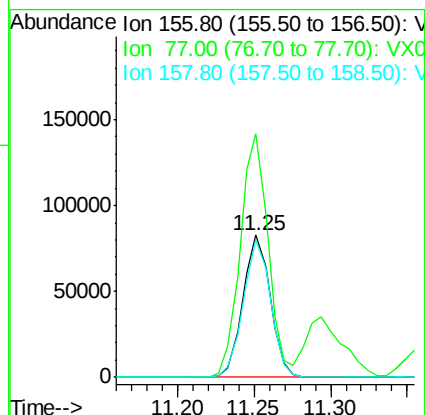
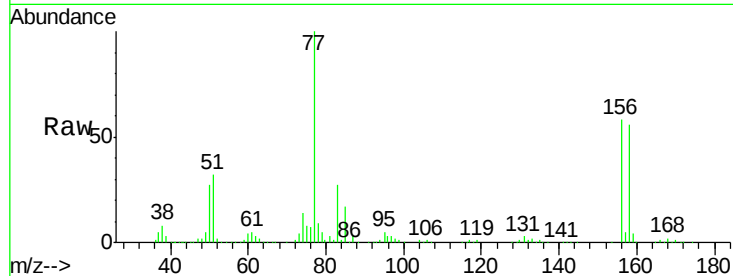
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	102399
Ion	Ratio	Lower	Upper
156	100		
77	174.5	87.3	261.8
158	96.5	48.5	145.6

Manual Integrations
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#78

n-propylbenzene

Concen: 50.070 ug/l

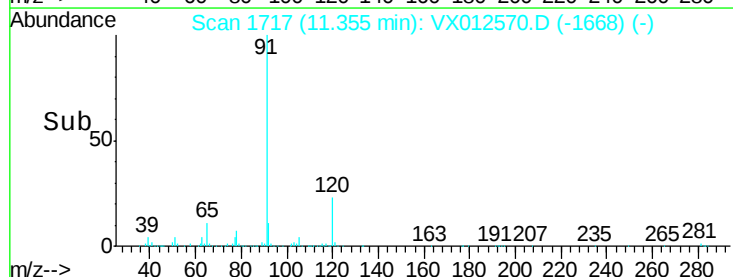
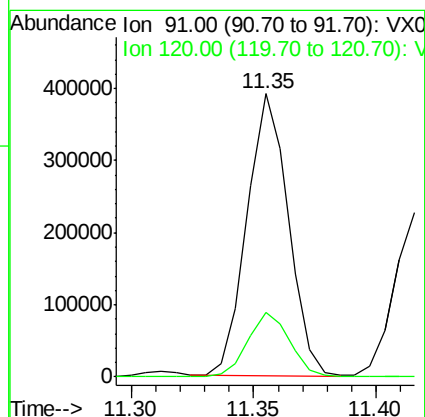
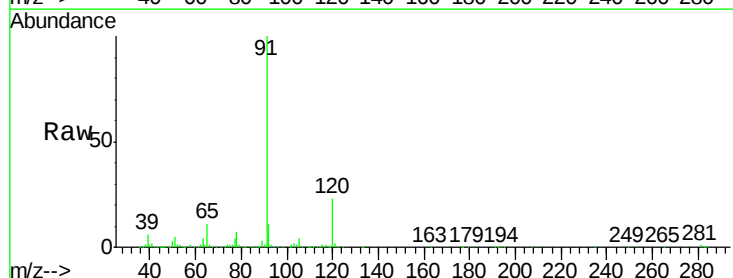
RT: 11.35 min Scan# 1717

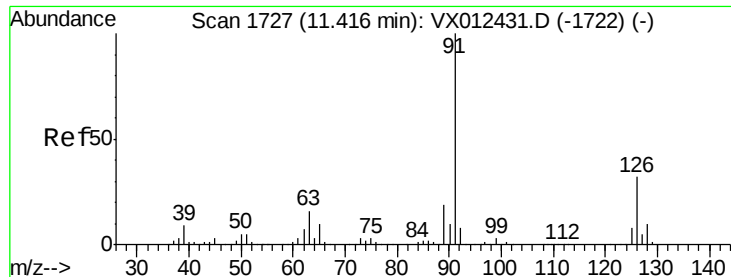
Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Tgt Ion:	91	Resp:	461911
Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.3	33.8





#79

2-Chlorotoluene

Concen: 48.754 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 292604

Ion Ratio Lower Upper

91 100

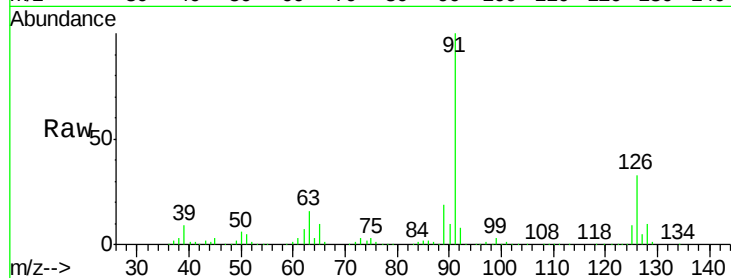
126 32.7 16.4 49.4

Manual Integrations

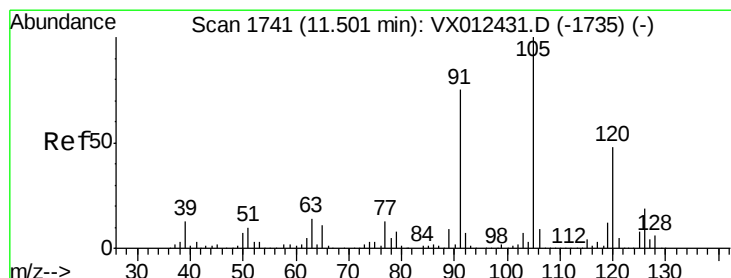
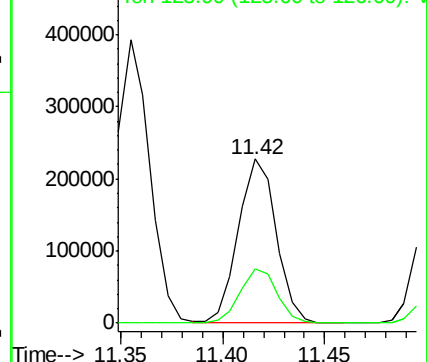
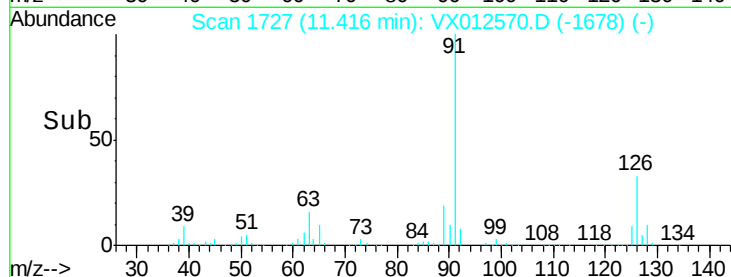
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Abundance Ion 91.00 (90.70 to 91.70): VX012570.D (-1678) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.341 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX012570.D

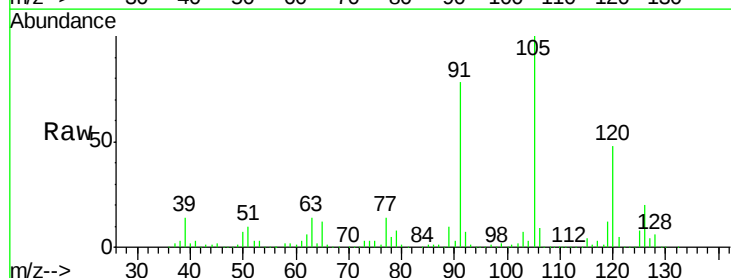
Acq: 20 Sep 2019 20:16

Tgt Ion: 105 Resp: 355368

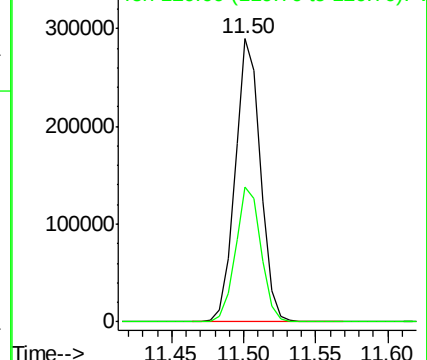
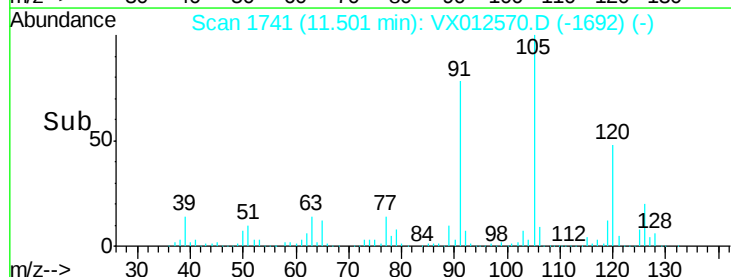
Ion Ratio Lower Upper

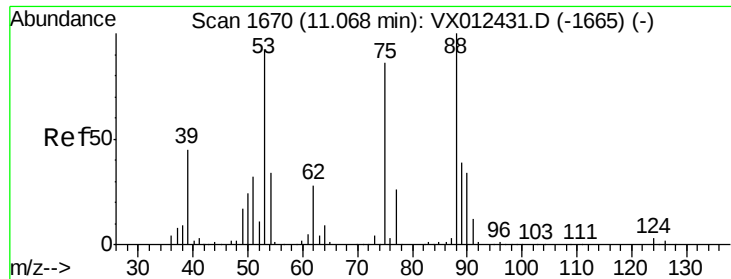
105 100

120 48.2 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX012570.D (-1692) (-)





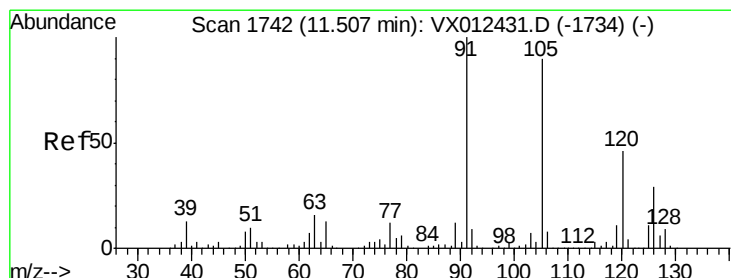
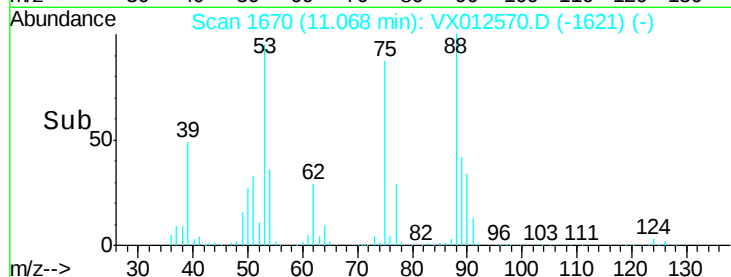
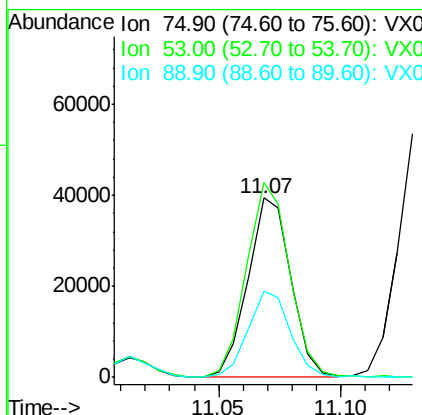
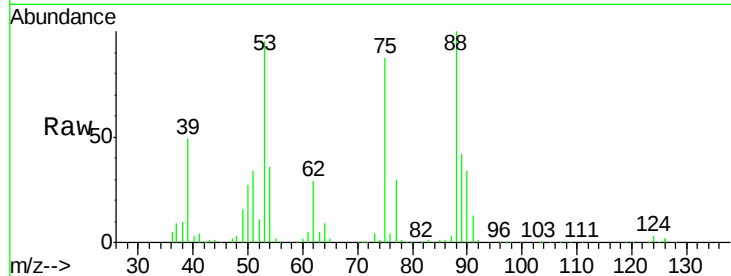
#81
trans-1,4-Dichloro-2-butene
Concen: 44.126 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.9	83.6	125.4
89	47.7	36.3	54.5

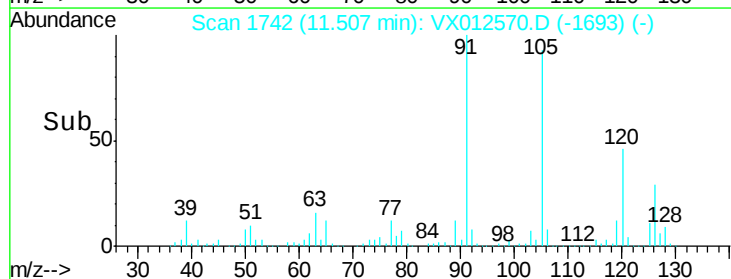
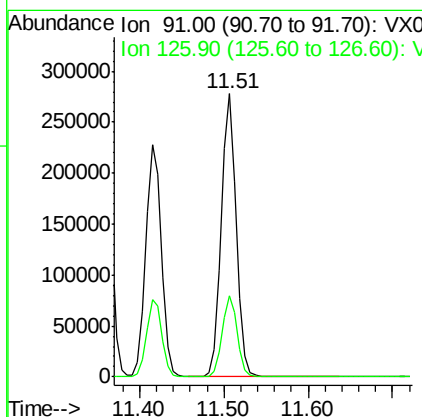
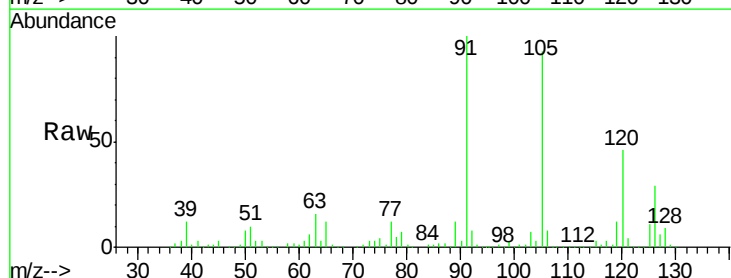
Manual Integrations
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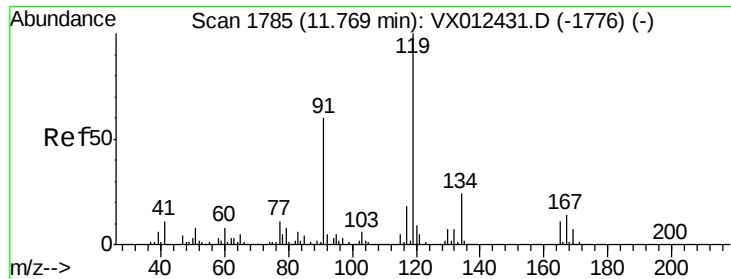
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#82
4-Chlorotoluene
Concen: 49.786 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.8	14.4	43.0





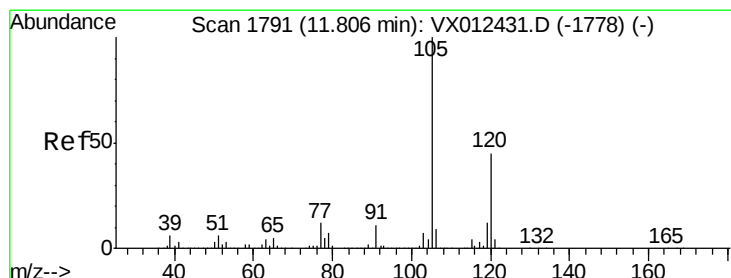
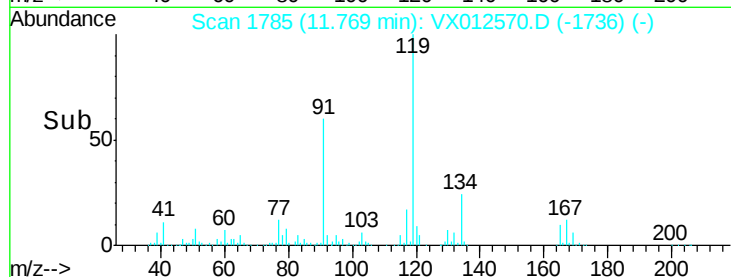
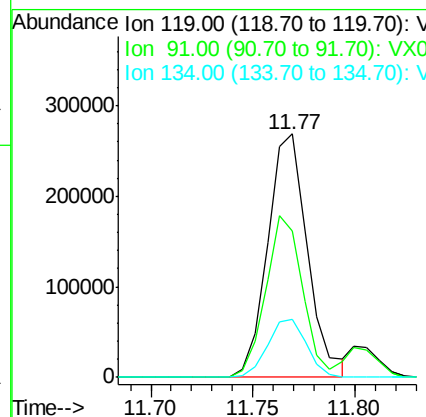
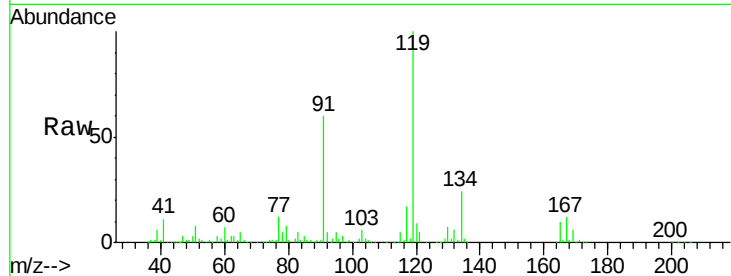
#83
tert-Butylbenzene
Concen: 48.384 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	365984		
91	61.5	30.0	90.0	
134	23.3	11.3	33.9	

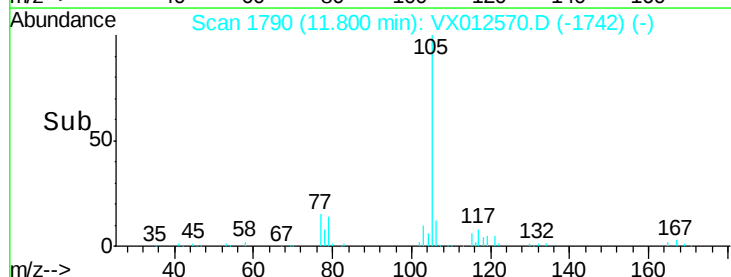
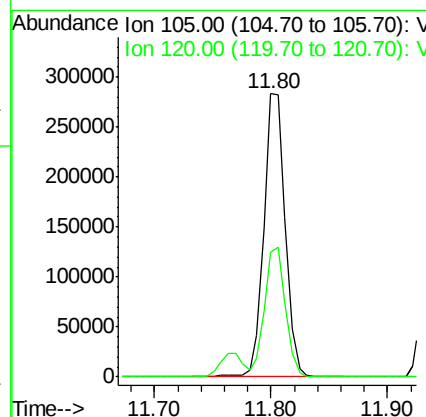
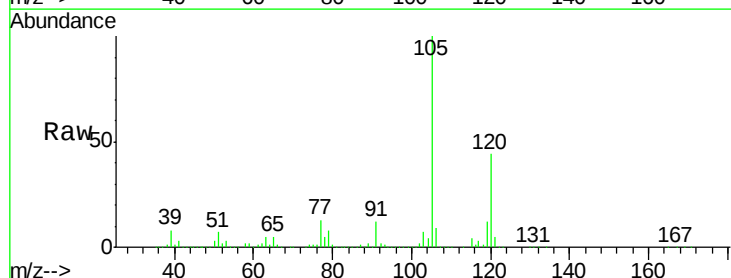
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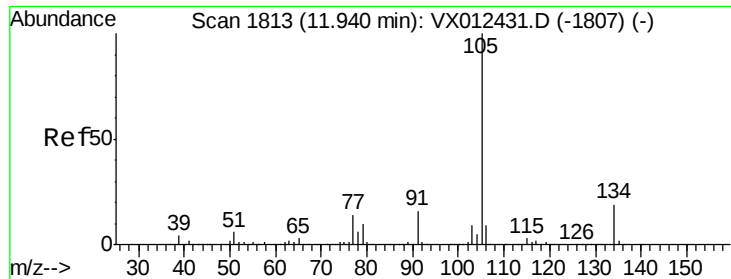
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#84
1,2,4-Trimethylbenzene
Concen: 49.859 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	361384		
120	44.9	22.2	66.6	





#85

sec-Butylbenzene

Concen: 50.055 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 417215

Ion Ratio Lower Upper

105 100

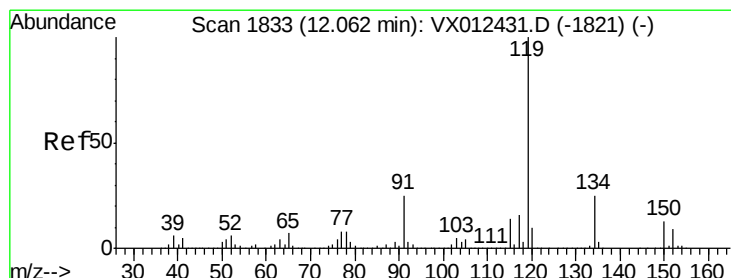
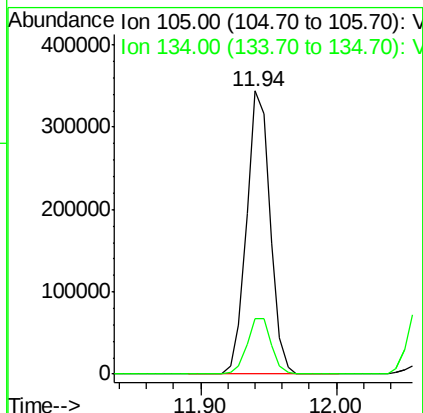
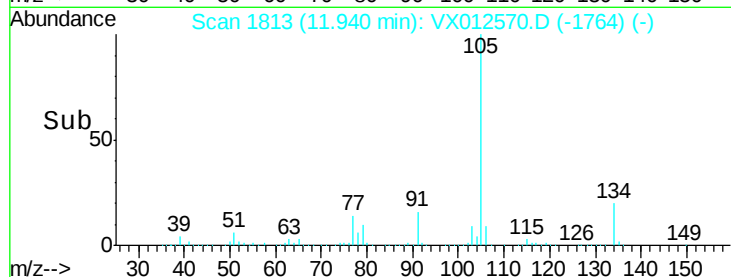
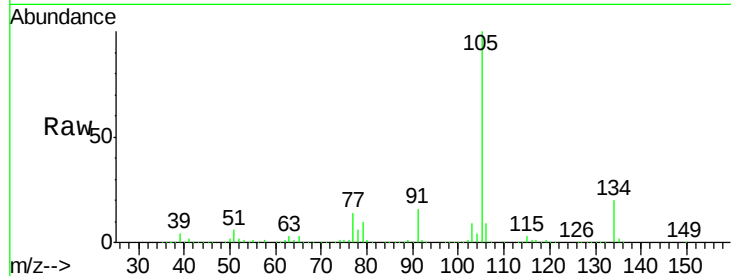
134 20.2 9.8 29.4

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#86

p-Isopropyltoluene

Concen: 50.222 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

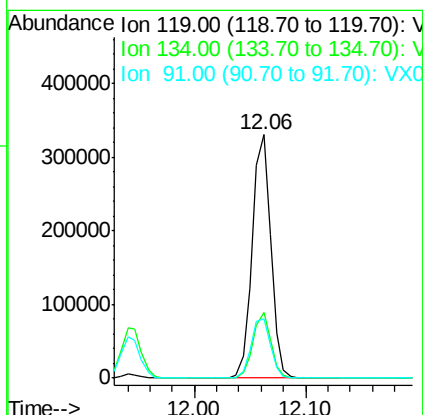
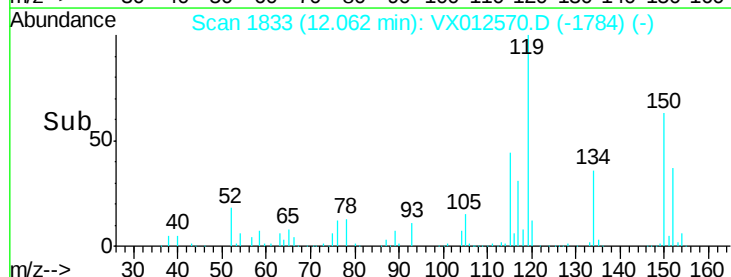
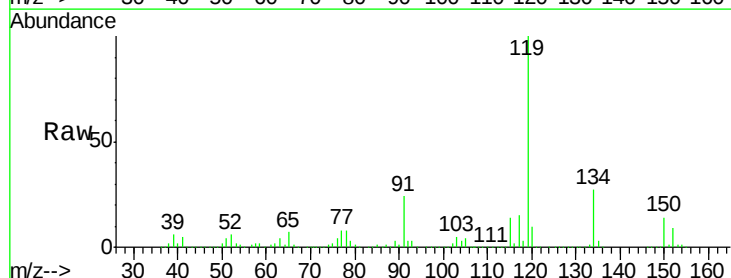
Tgt Ion:119 Resp: 384389

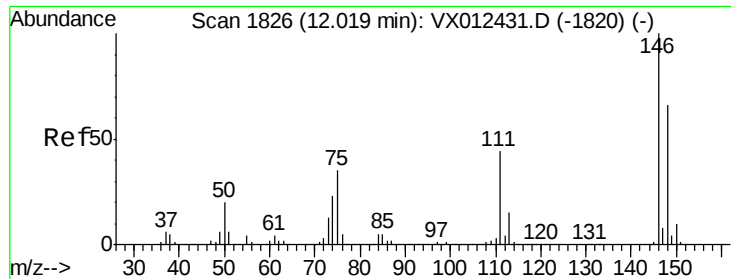
Ion Ratio Lower Upper

119 100

134 26.0 12.7 38.1

91 25.6 12.8 38.4





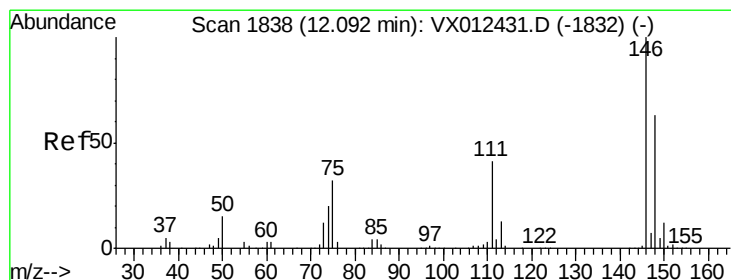
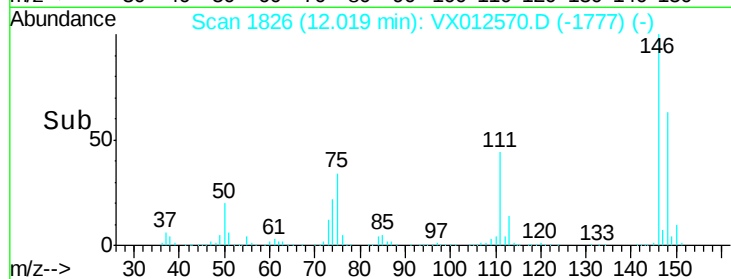
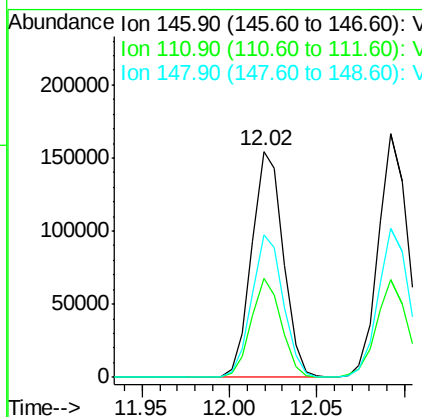
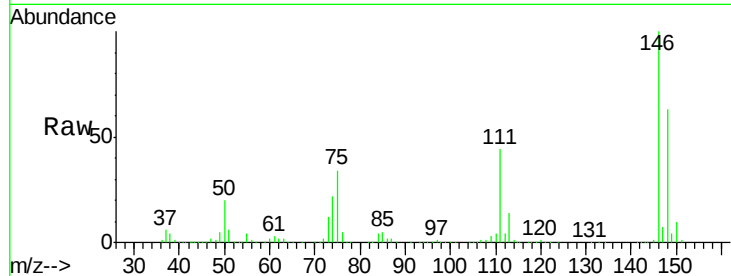
#87
 1,3-Dichlorobenzene
 Concen: 51.260 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012570.D
 Acq: 20 Sep 2019 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.3	64.0
148	62.5	32.4	97.2

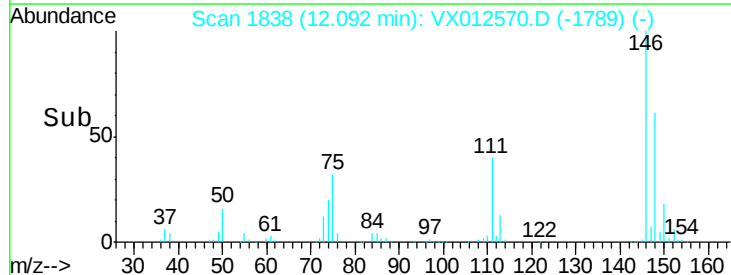
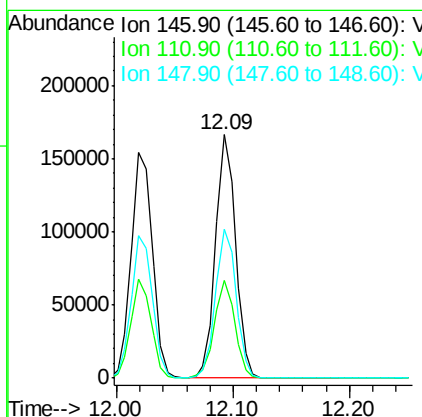
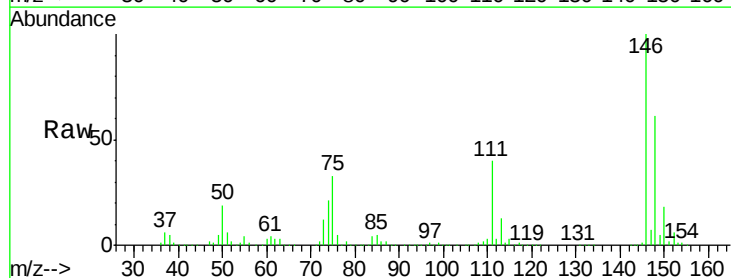
Manual Integrations
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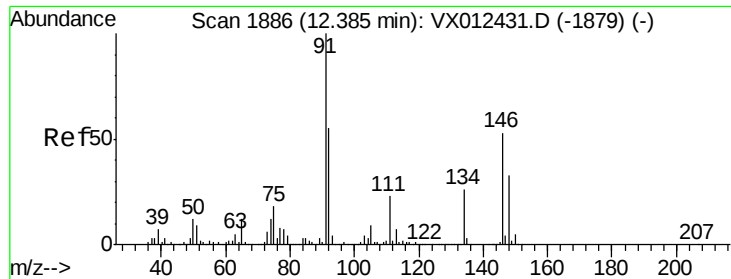
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#88
 1,4-Dichlorobenzene
 Concen: 50.290 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012570.D
 Acq: 20 Sep 2019 20:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	21.1	63.3
148	63.2	32.1	96.5





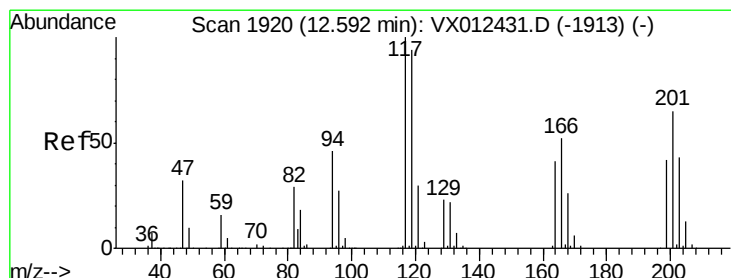
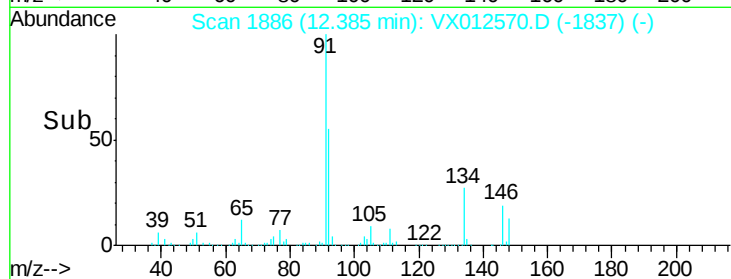
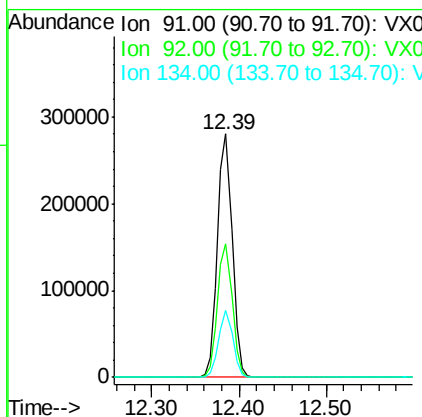
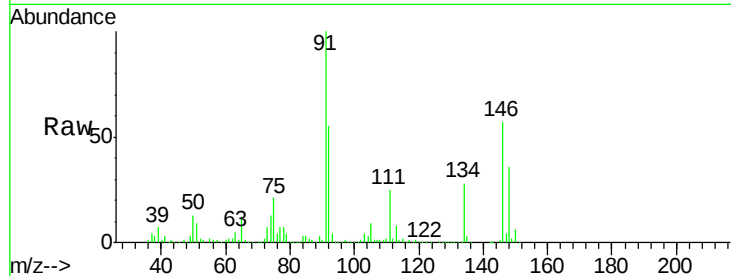
#89
n-Butylbenzene
Concen: 47.768 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.7	83.0
134	26.4	12.9	38.6

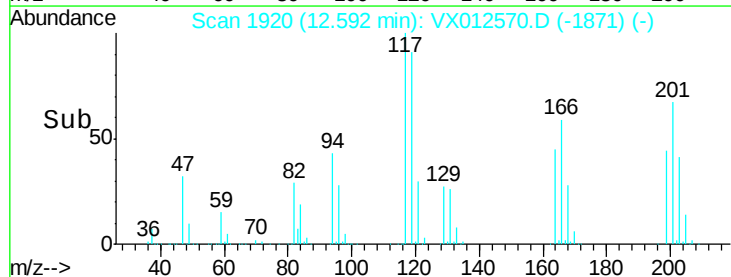
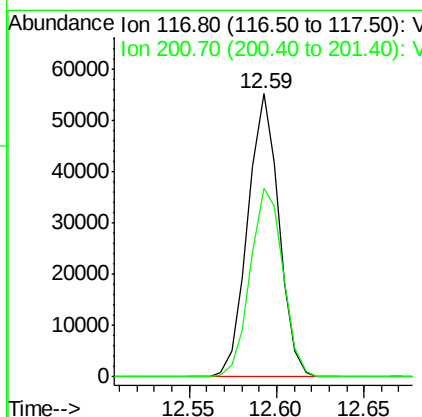
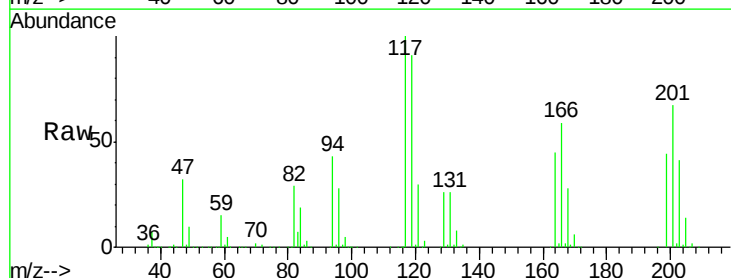
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#90
Hexachloroethane
Concen: 49.116 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.0	33.3	99.8





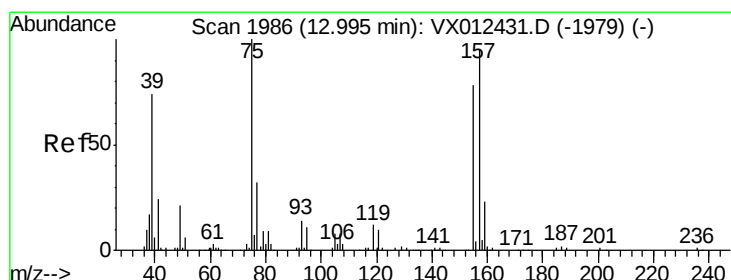
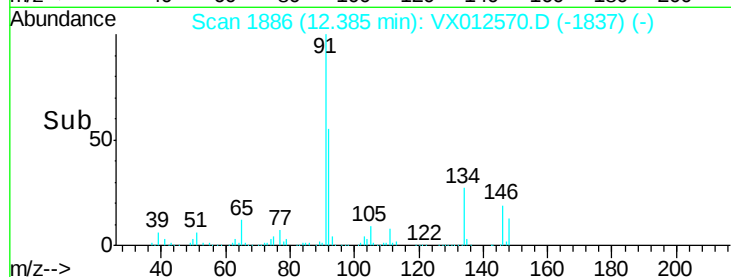
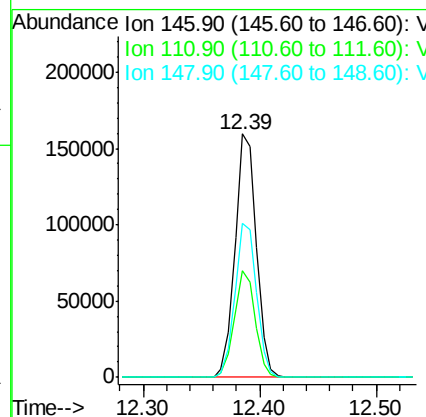
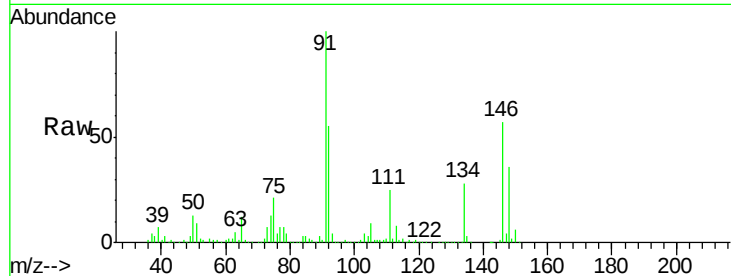
#91
 1,2-Dichlorobenzene
 Concen: 51.253 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012570.D
 Acq: 20 Sep 2019 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	203415		
111	43.2	22.1	66.1	
148	64.0	31.3	93.9	

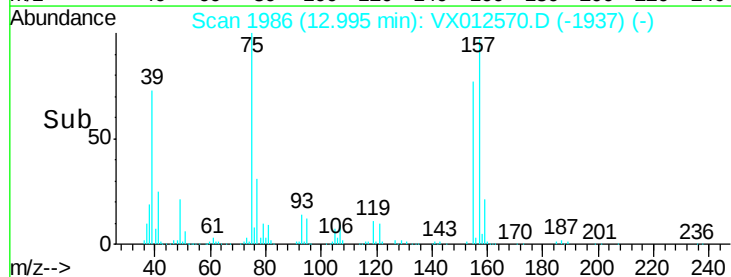
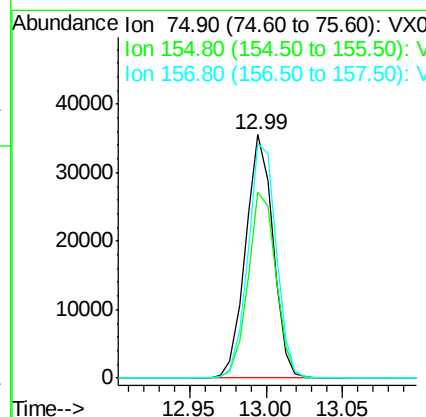
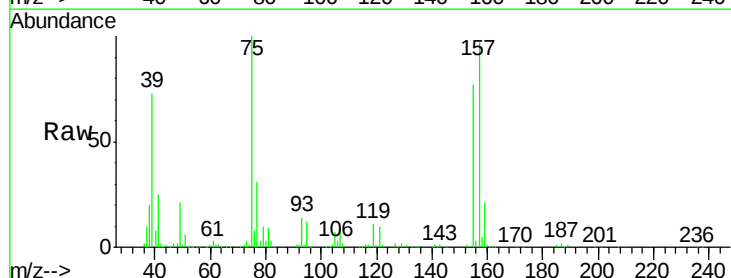
Manual Integrations
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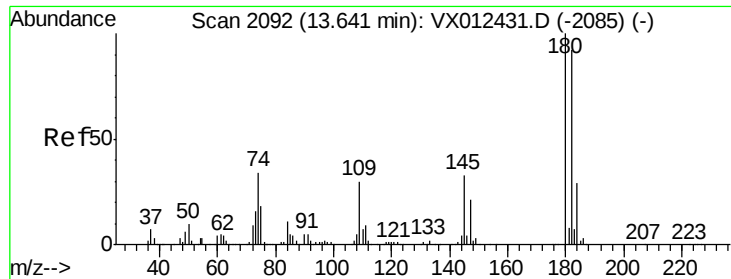
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.455 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012570.D
 Acq: 20 Sep 2019 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	44156		
155	78.0	38.6	115.8	
157	99.0	50.6	151.9	





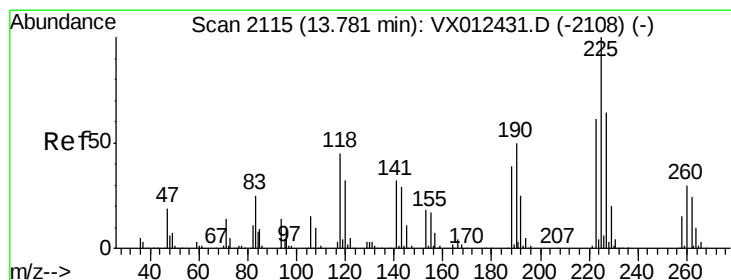
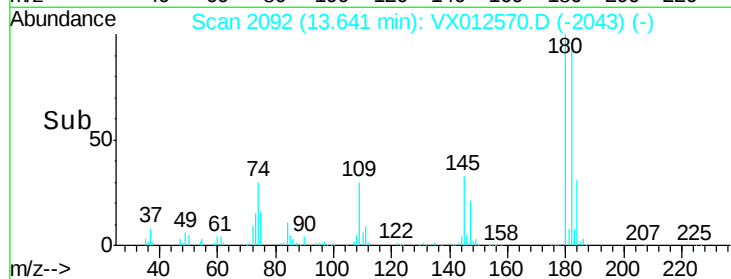
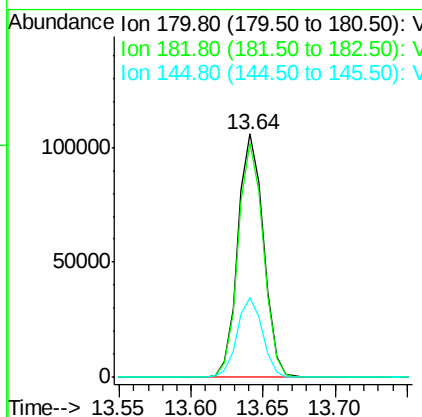
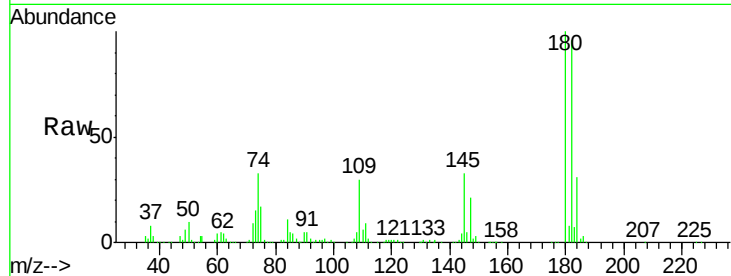
#93
 1,2,4-Trichlorobenzene
 Concen: 51.194 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012570.D
 Acq: 20 Sep 2019 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.1	47.0	141.0	
145	32.7	16.8	50.4	

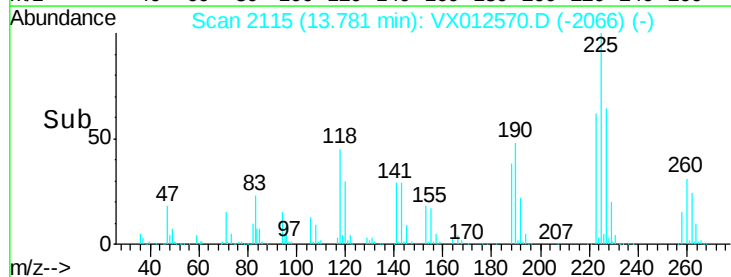
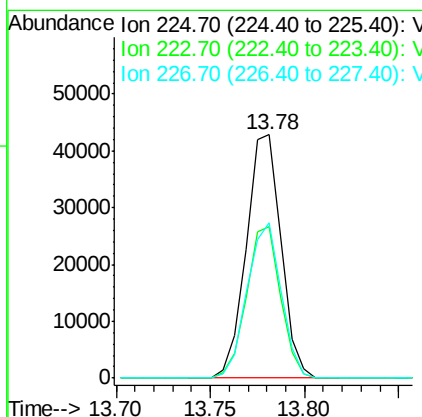
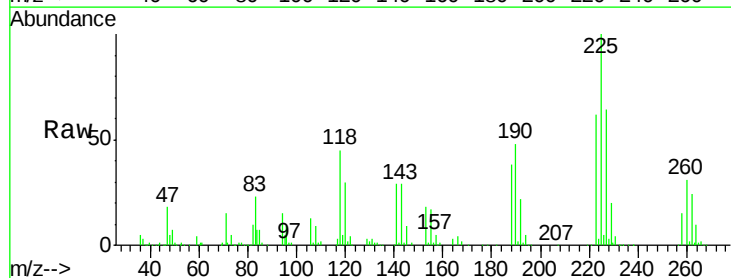
Manual Integrations
 APPROVED

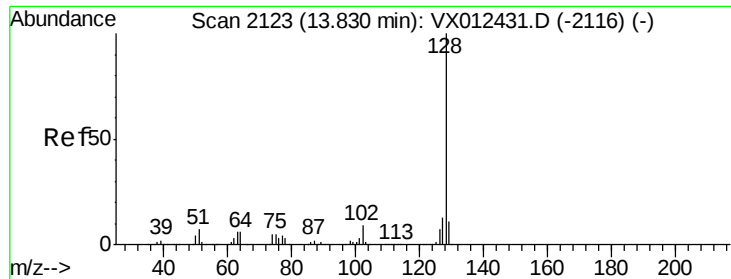
MMDadoda
 9/23/2019 11:28:39 AM



#94
 Hexachlorobutadiene
 Concen: 45.470 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VX012570.D
 Acq: 20 Sep 2019 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.4	32.0	96.2	
227	62.3	31.9	95.5	





#95

Naphthalene

Concen: 54.131 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

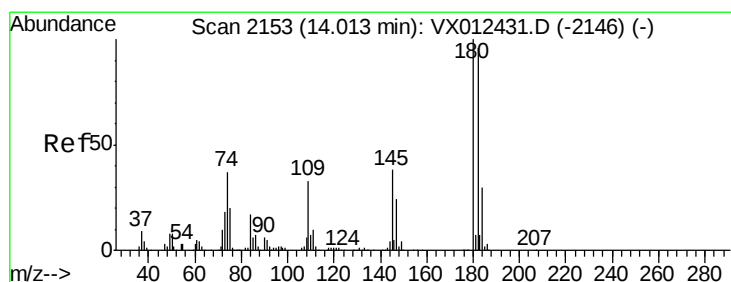
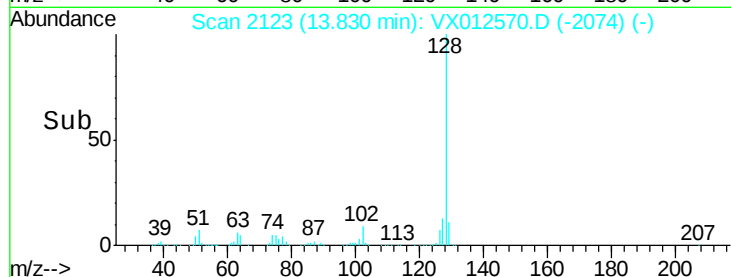
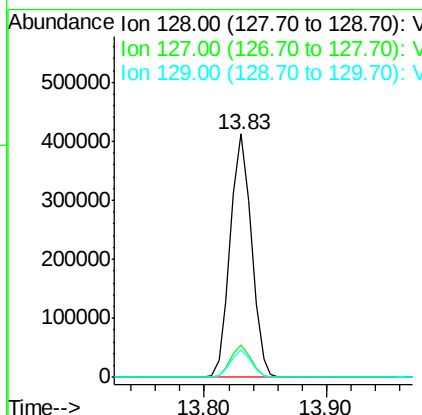
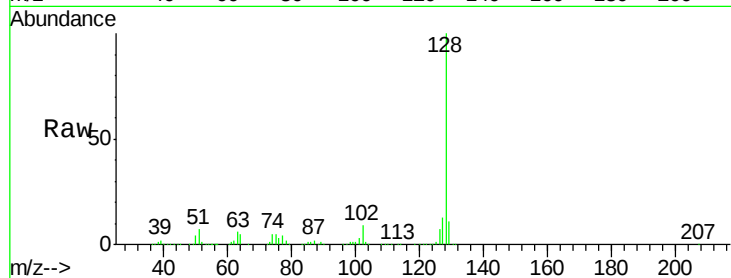
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	492385
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
9/23/2019 11:28:39 AM



#96

1,2,3-Trichlorobenzene

Concen: 52.442 ug/l

RT: 14.02 min Scan# 2154

Delta R.T. 0.01 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Tgt Ion:	180	Resp:	136615
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.1	141.3
145	34.6	18.0	54.0

