

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100919\
 Data File : VX012955.D
 Acq On : 09 Oct 2019 20:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/10/2019 9:33:19 AM

Quant Time: Oct 10 05:26:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	170432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	293103	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	262664	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	122261	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	107548	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	
35) Dibromofluoromethane	5.48	113	86078	51.17	ug/l	0.00
Spiked Amount			Recovery	=	102.34%	
50) Toluene-d8	8.71	98	324531	49.46	ug/l	0.00
Spiked Amount			Recovery	=	98.92%	
62) 4-Bromofluorobenzene	11.13	95	126881	49.77	ug/l	0.00
Spiked Amount			Recovery	=	99.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	90554	52.125	ug/l	99
3) Chloromethane	1.32	50	96453	51.015	ug/l	97
4) Vinyl Chloride	1.40	62	98814	50.636	ug/l	98
5) Bromomethane	1.63	94	38759	47.780	ug/l	98
6) Chloroethane	1.71	64	61145	51.286	ug/l	99
7) Trichlorofluoromethane	1.92	101	140188	53.224	ug/l	98
8) Diethyl Ether	2.18	74	53813	50.617	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	89055	52.243	ug/l	99
10) Methyl Iodide	2.50	142	96635	50.035	ug/l	99
11) Tert butyl alcohol	3.04	59	141115	249.897	ug/l	98
12) 1,1-Dichloroethene	2.36	96	88455	51.359	ug/l	92
13) Acrolein	2.28	56	84915	211.599	ug/l	99
14) Allyl chloride	2.72	41	158445	51.658	ug/l	99
15) Acrylonitrile	3.13	53	280081	261.725	ug/l	99
16) Acetone	2.43	43	240774	214.437	ug/l	100
17) Carbon Disulfide	2.56	76	239000	48.667	ug/l	100
18) Methyl Acetate	2.76	43	136480	51.282	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	318865	53.611	ug/l	98
20) Methylene Chloride	2.84	84	104071	50.434	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	96368	52.204	ug/l	99
22) Diisopropyl ether	3.84	45	315011	53.598	ug/l	95
23) Vinyl Acetate	3.80	43	1370181	270.056	ug/l	99
24) 1,1-Dichloroethane	3.69	63	173852	52.580	ug/l	99
25) 2-Butanone	4.66	43	390146	250.454	ug/l	98
26) 2,2-Dichloropropane	4.57	77	133374	47.969	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	111941	52.608	ug/l	98
28) Bromochloromethane	5.00	49	53151	53.824	ug/l	100
29) Tetrahydrofuran	5.11	42	250844	261.680	ug/l	99
30) Chloroform	5.20	83	177483	52.314	ug/l	100
31) Cyclohexane	5.57	56	159500	51.589	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	154650	53.798	ug/l	99
36) 1,1-Dichloropropene	5.79	75	134288	52.111	ug/l	99
37) Ethyl Acetate	4.82	43	147165	51.071	ug/l	100
38) Carbon Tetrachloride	5.78	117	131268	52.334	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	162572	52.020	ug/l	96
40) Benzene	6.14	78	403307	52.989	ug/l	98
41) Methacrylonitrile	5.03	41	81397	51.407	ug/l	99
42) 1,2-Dichloroethane	6.19	62	144400	52.873	ug/l	99
43) Isopropyl Acetate	6.44	43	242805	52.499	ug/l	99
44) Trichloroethene	7.20	130	102691	48.655	ug/l	90
45) 1,2-Dichloropropane	7.51	63	102484	52.831	ug/l	98
46) Dibromomethane	7.65	93	68539	53.031	ug/l	100
47) Bromodichloromethane	7.89	83	135499	53.723	ug/l	99
48) Methyl methacrylate	7.76	41	118137	52.417	ug/l	99
49) 1,4-Dioxane	7.73	88	58542	969.046	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	757480	262.688	ug/l	100
52) Toluene	8.78	92	253521	52.065	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	149219	47.520	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	166249	53.593	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	101388	52.615	ug/l	100
56) Ethyl methacrylate	9.17	69	166432	48.297	ug/l	100
57) 1,3-Dichloropropane	9.37	76	172794	51.838	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	364762	257.672	ug/l	99
59) 2-Hexanone	9.48	43	582221	259.378	ug/l	100
60) Dibromochloromethane	9.57	129	103980	48.545	ug/l	100
61) 1,2-Dibromoethane	9.67	107	105607	52.098	ug/l	99
64) Tetrachloroethene	9.33	164	91889	50.438	ug/l	91
65) Chlorobenzene	10.14	112	267286	51.243	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	96811	53.530	ug/l	98
67) Ethyl Benzene	10.25	91	486294	52.486	ug/l	98
68) m/p-Xylenes	10.36	106	367207	106.088	ug/l	99
69) o-Xylene	10.70	106	177410	52.559	ug/l	99
70) Styrene	10.71	104	307939	53.664	ug/l	100
71) Bromoform	10.86	173	71485	46.624	ug/l #	99
73) Isopropylbenzene	11.01	105	475841	52.937	ug/l	99
74) N-amyl acetate	10.89	43	210989	54.501	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	156267	52.268	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	130296m	48.049	ug/l	
77) Bromobenzene	11.25	156	110135	51.995	ug/l	97
78) n-propylbenzene	11.35	91	533353	53.923	ug/l	99
79) 2-Chlorotoluene	11.42	91	324986	52.280	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	405761	54.060	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	49167	46.900	ug/l	98
82) 4-Chlorotoluene	11.51	91	379995	53.333	ug/l	100
83) tert-Butylbenzene	11.76	119	381523	52.108	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	408799	53.778	ug/l	100
85) sec-Butylbenzene	11.94	105	454697	53.604	ug/l	99
86) p-Isopropyltoluene	12.06	119	425624	54.102	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	199757	50.783	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	202033	50.714	ug/l	99
89) n-Butylbenzene	12.39	91	352048	53.244	ug/l	99
90) Hexachloroethane	12.59	117	71428	49.063	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	202031	52.390	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	38765	55.320	ug/l	95

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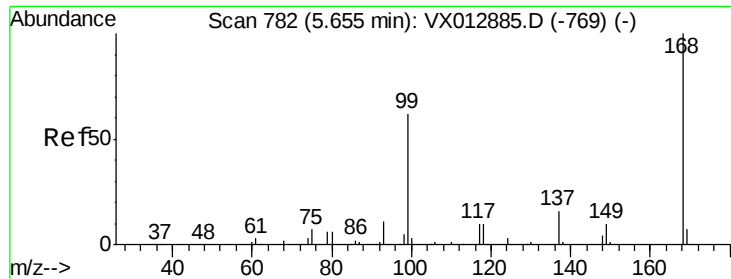
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	127253	52.679	ug/l	97
94) Hexachlorobutadiene	13.78	225	55505	49.788	ug/l	97
95) Naphthalene	13.83	128	465770	55.622	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	130276	52.187	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. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 170432

Ion Ratio Lower Upper

168 100

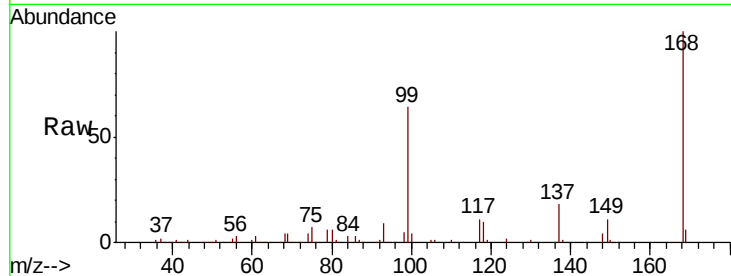
99 63.5 49.4 74.0

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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

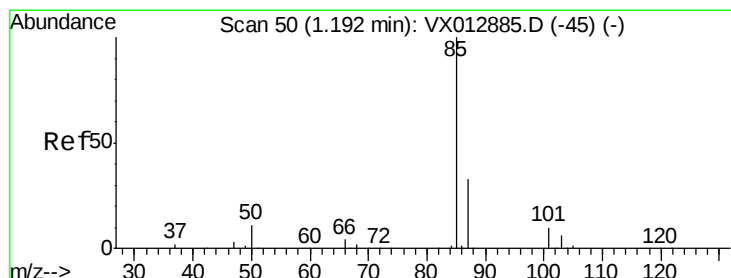
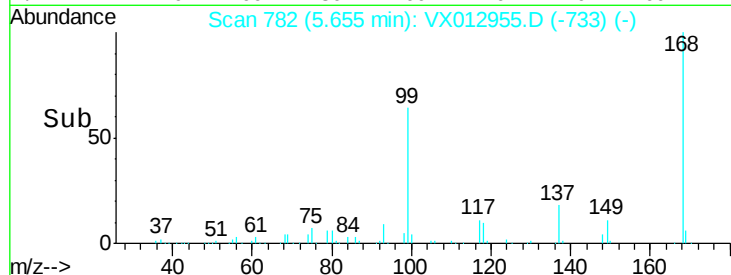
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 52.125 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX012955.D

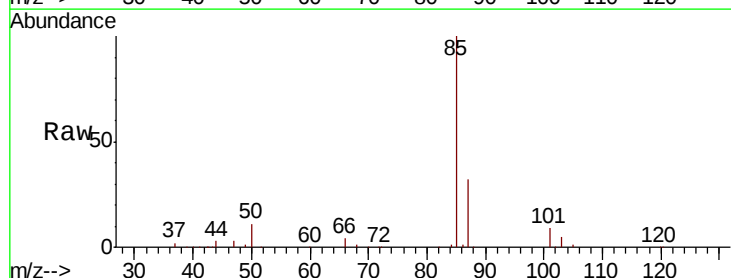
Acq: 09 Oct 2019 20:01

Tgt Ion: 85 Resp: 90554

Ion Ratio Lower Upper

85 100

87 32.2 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

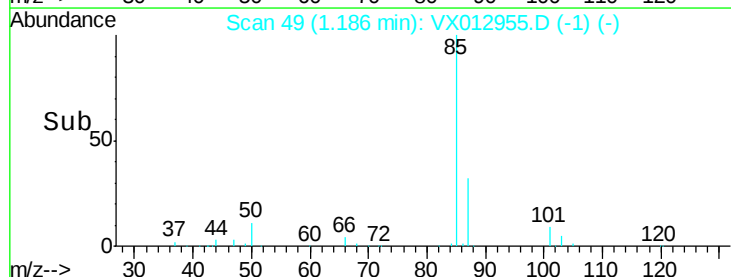
60000

40000

20000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 51.015 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 96453

Ion Ratio Lower Upper

50 100

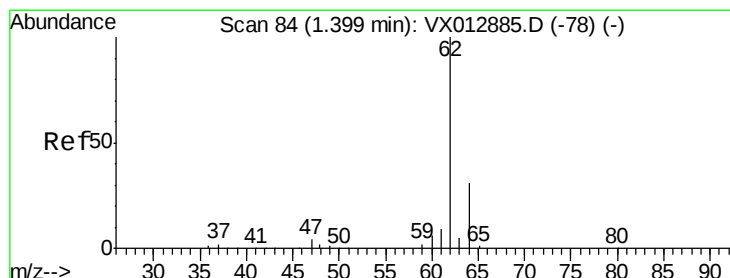
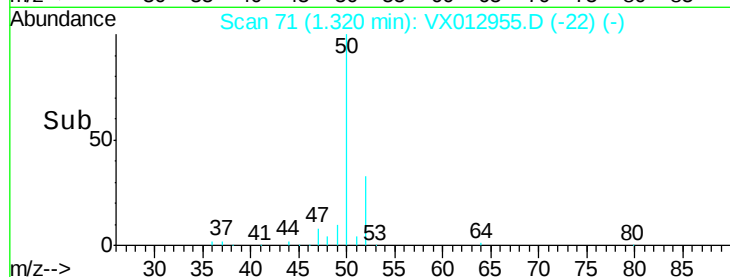
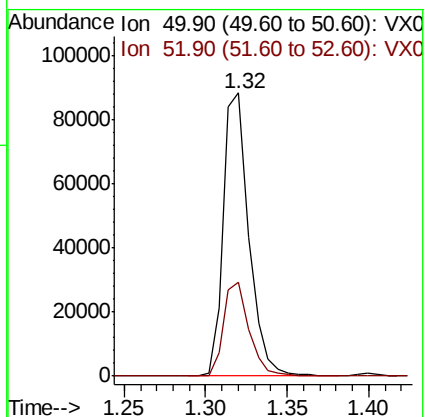
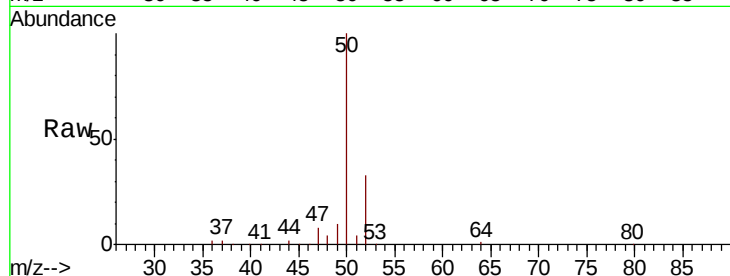
52 33.4 25.2 37.8

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#4

Vinyl Chloride

Concen: 50.636 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012955.D

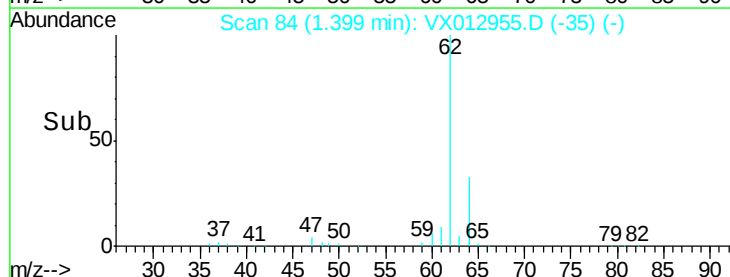
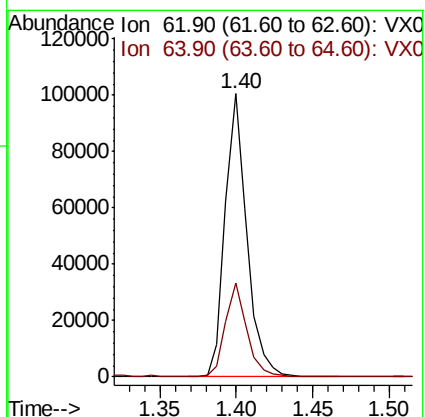
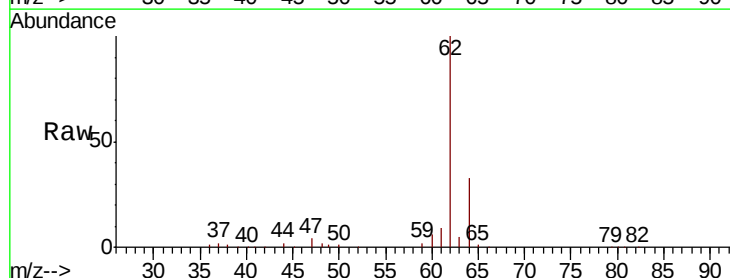
Acq: 09 Oct 2019 20:01

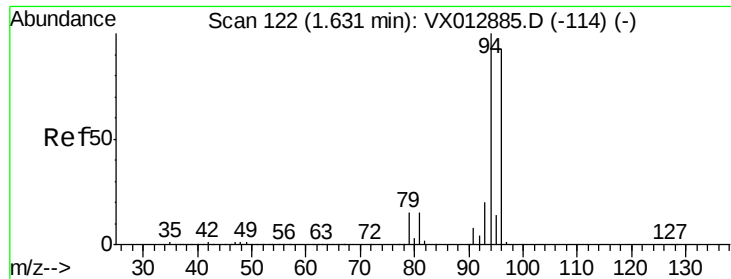
Tgt Ion: 62 Resp: 98814

Ion Ratio Lower Upper

62 100

64 32.9 25.3 37.9





#5

Bromomethane

Concen: 47.780 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 38759

Ion Ratio Lower Upper

94 100

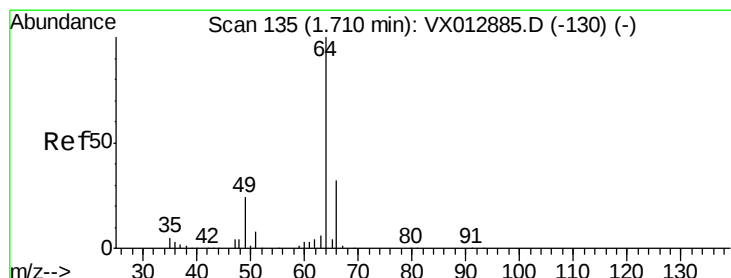
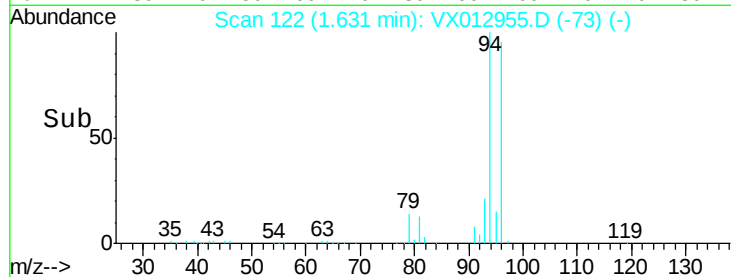
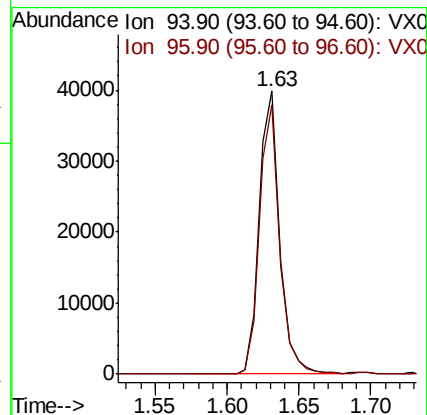
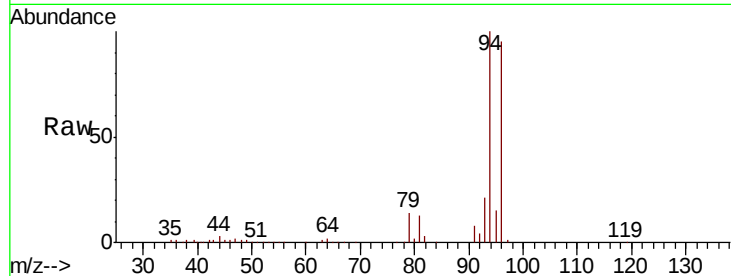
96 95.2 74.7 112.1

Manual Integrations

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#6

Chloroethane

Concen: 51.286 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012955.D

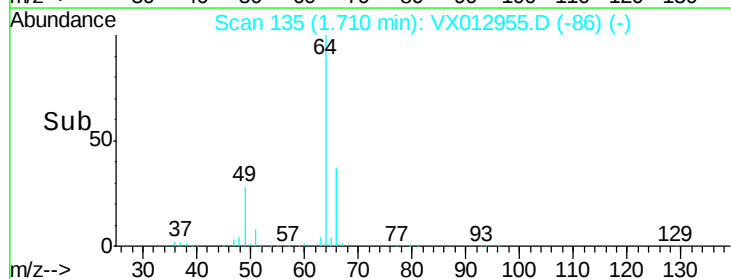
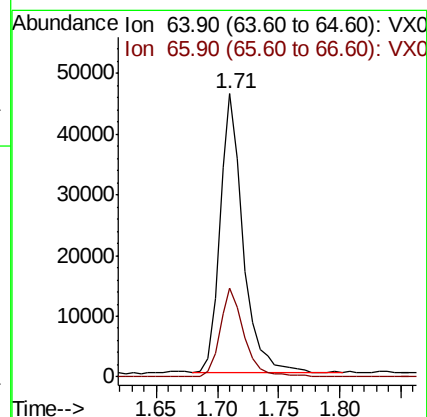
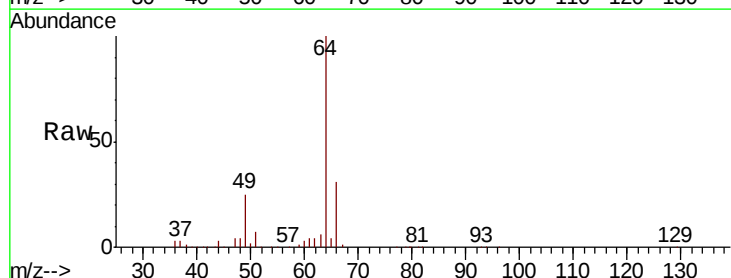
Acq: 09 Oct 2019 20:01

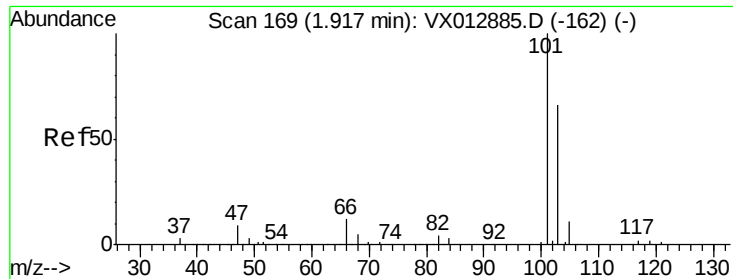
Tgt Ion: 64 Resp: 61145

Ion Ratio Lower Upper

64 100

66 31.7 25.6 38.4





#7

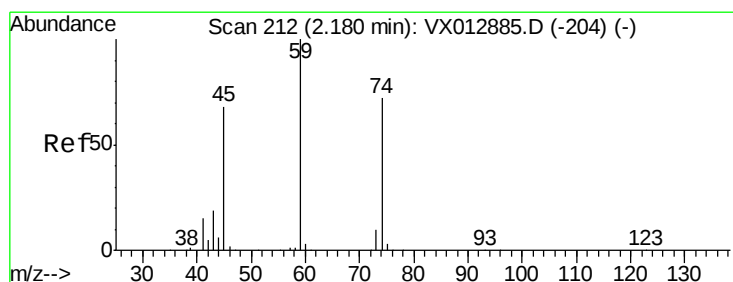
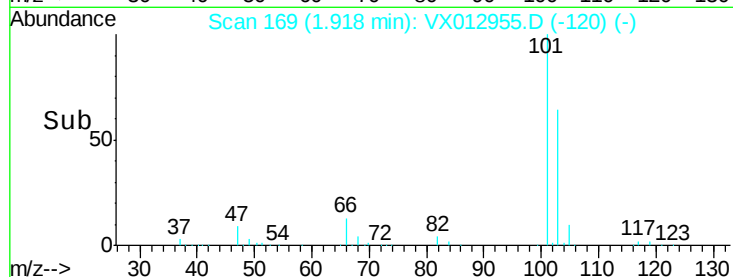
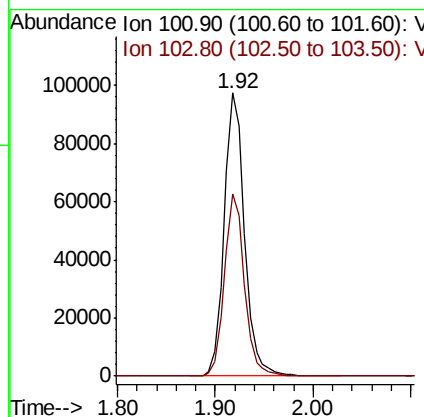
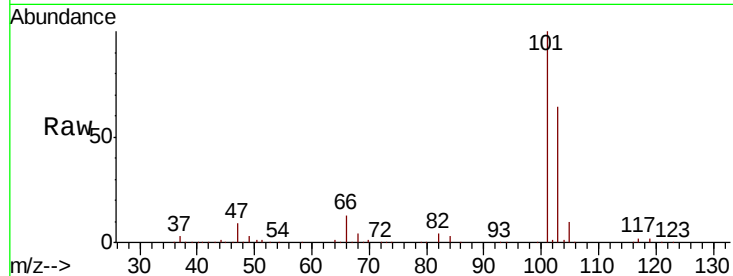
Trichlorofluoromethane
Concen: 53.224 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	52.5	78.7

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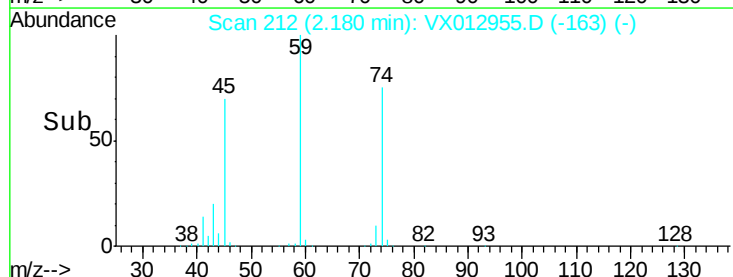
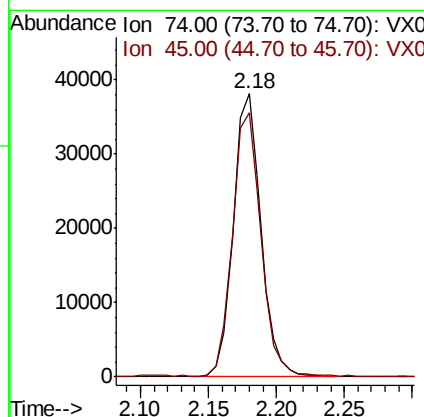
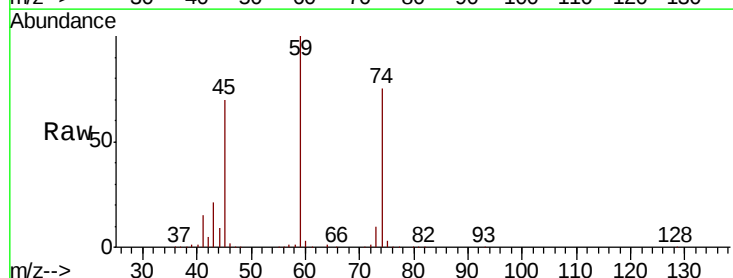
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10/10/2019 9:33:19 AM

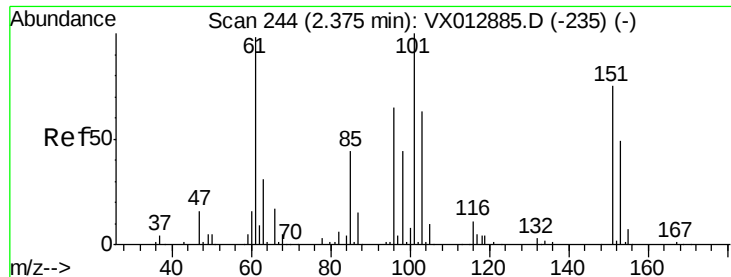


#8

Diethyl Ether
Concen: 50.617 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.2	47.8	143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.243 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA_X

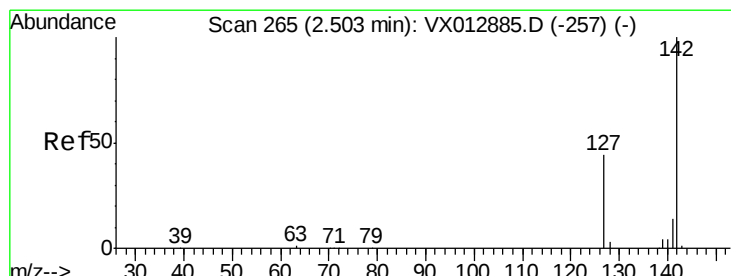
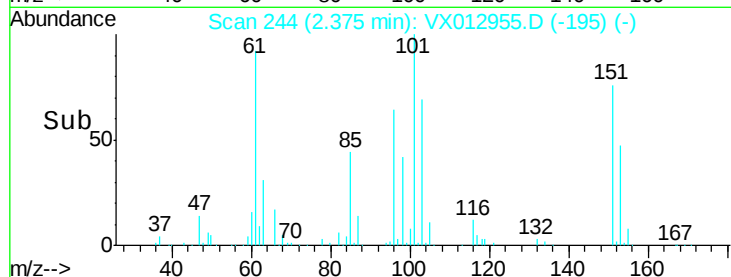
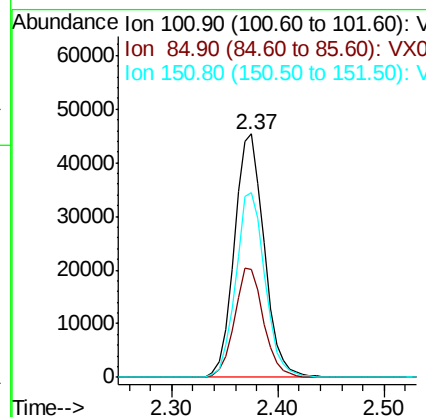
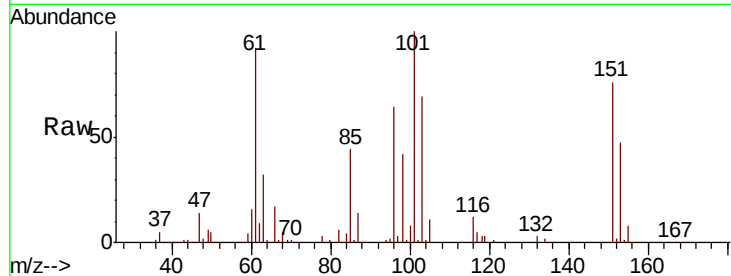
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	89055
Ion Ratio	Lower	Upper	
101	100		
85	44.0	35.2	52.8
151	74.6	60.3	90.5

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#10

Methyl Iodide

Concen: 50.035 ug/l

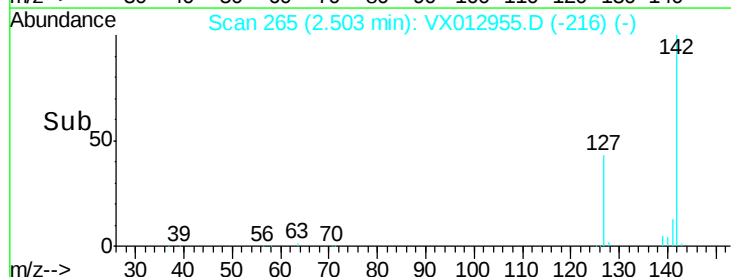
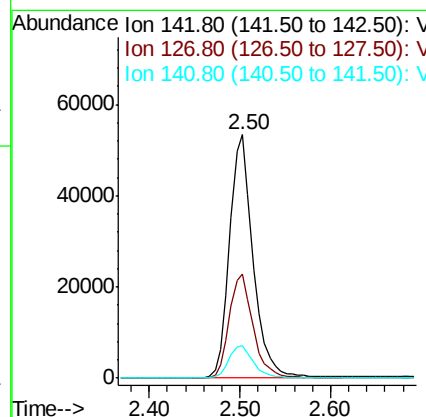
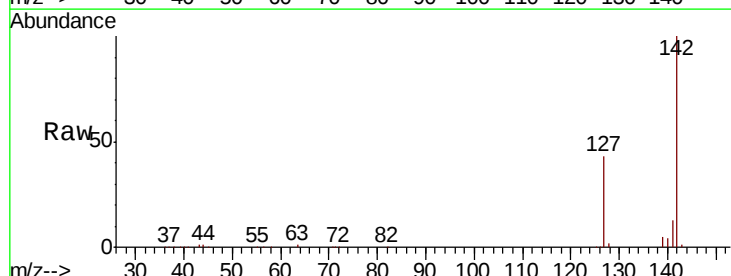
RT: 2.50 min Scan# 265

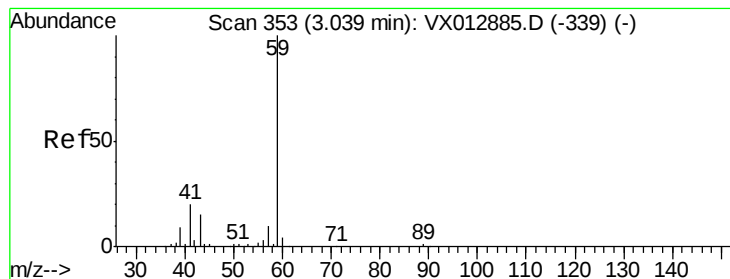
Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Tgt Ion:	142	Resp:	96635
Ion Ratio	Lower	Upper	
142	100		
127	43.2	34.9	52.3
141	13.8	11.6	17.4





#11

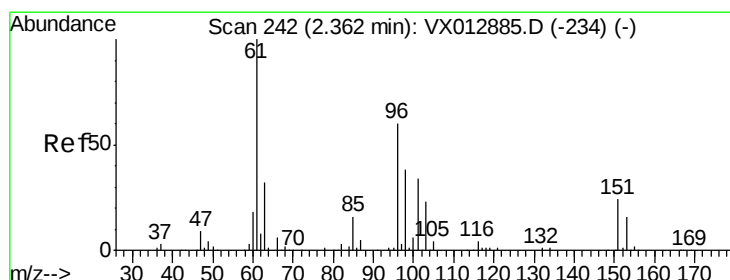
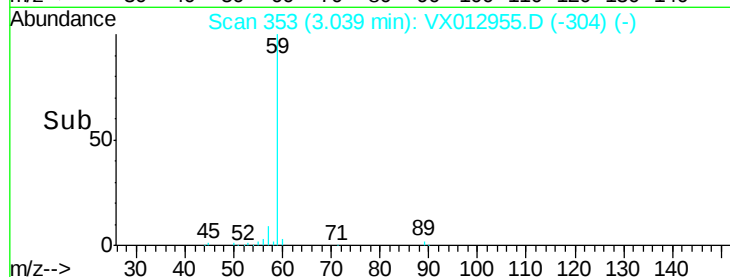
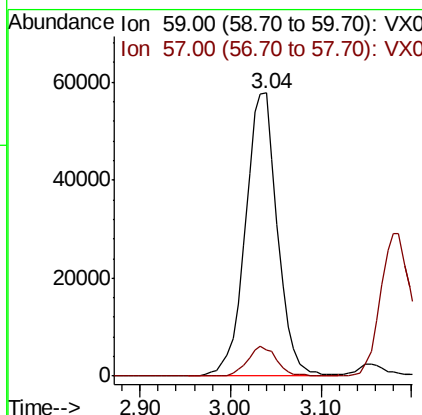
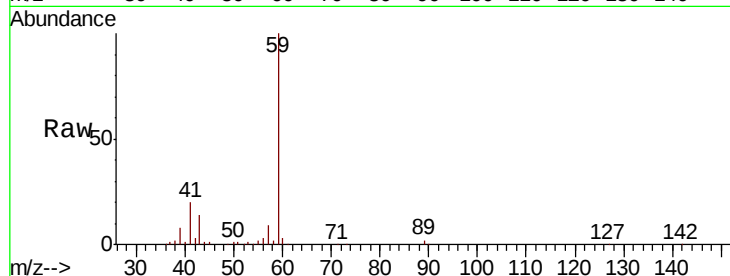
Tert butyl alcohol
Concen: 249.897 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	141115
Ion Ratio	100	Lower	Upper
57	9.7	8.3	12.5

Manual Integrations
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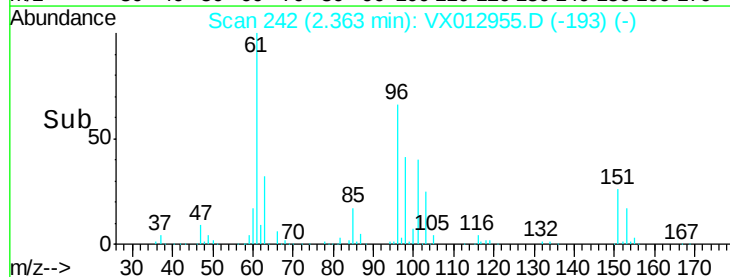
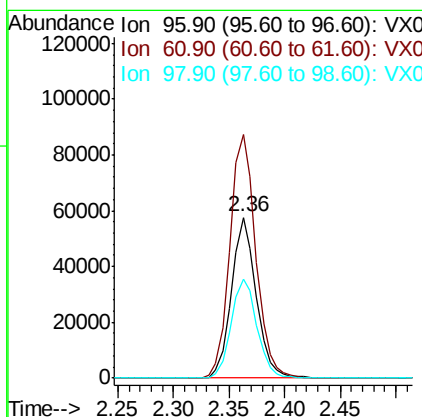
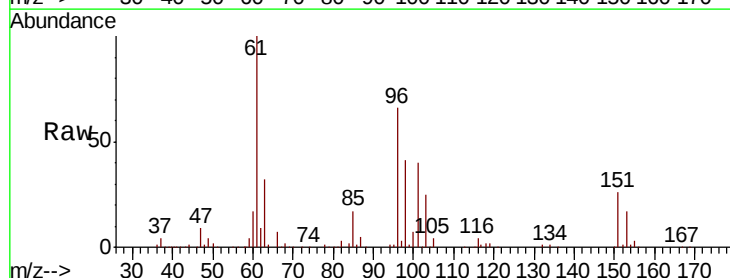
MMDadoda
10/10/2019 9:33:19 AM

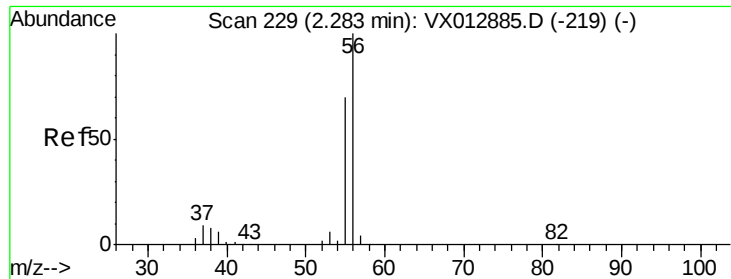


#12

1,1-Dichloroethene
Concen: 51.359 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Tgt Ion	96	Resp	88455
Ion Ratio	100	Lower	Upper
61	151.7	132.2	198.4
98	61.9	50.5	75.7





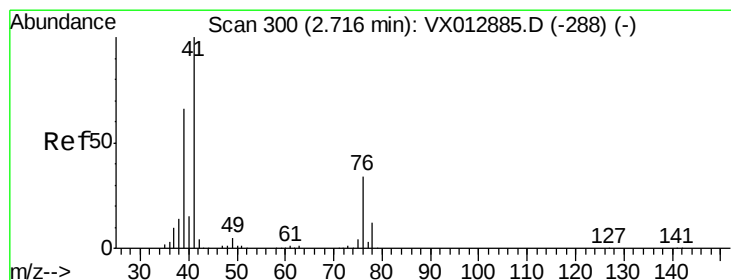
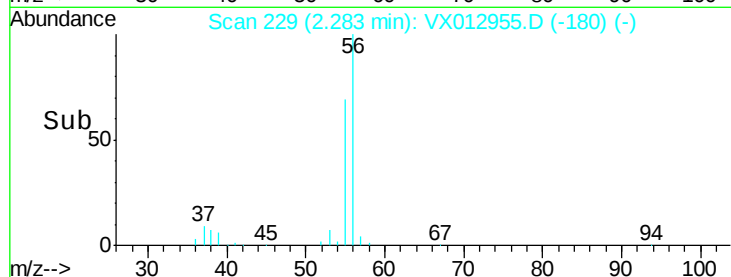
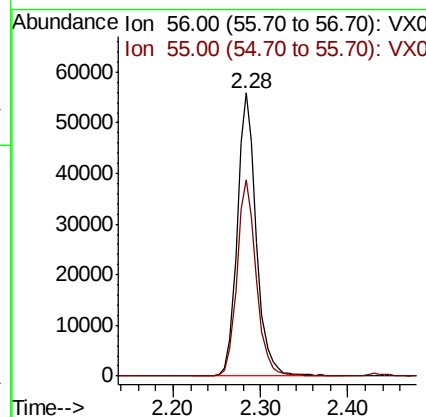
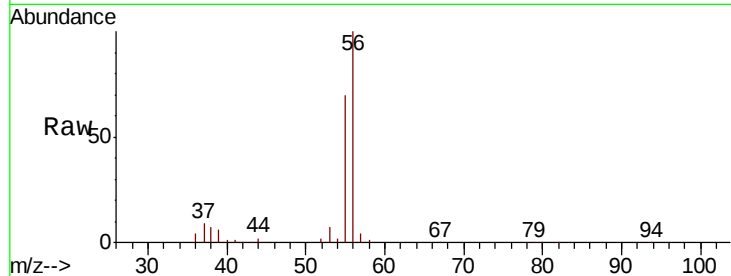
#13
Acrolein
Concen: 211.599 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	55	Ratio	Lower	Upper
84915	100	70.1		56.6	85.0

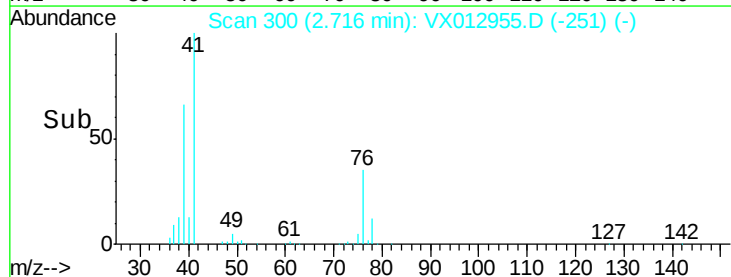
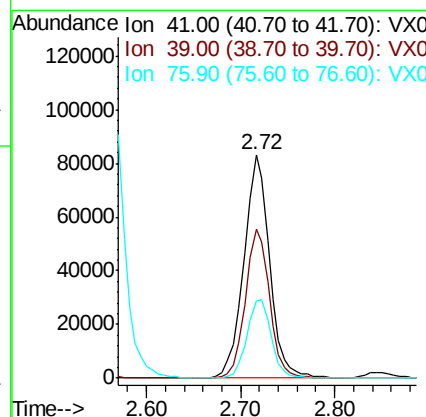
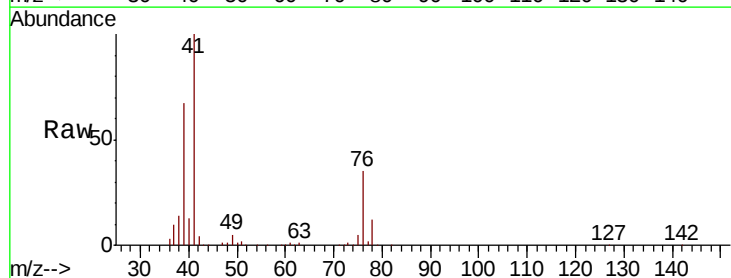
Manual Integrations
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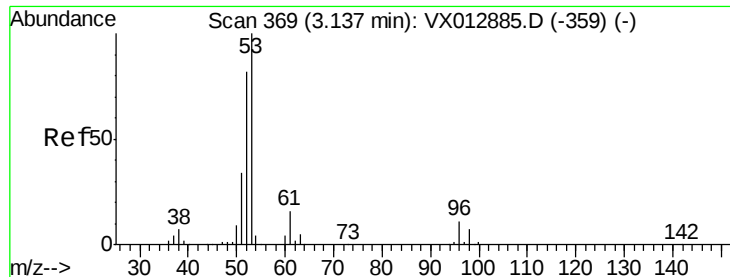
MMDadoda
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#14
Allyl chloride
Concen: 51.658 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Tgt Ion	41	39	76	Ratio	Lower	Upper
158445	100	63.1	33.3		51.0	76.6





#15

Acrylonitrile

Concen: 261.725 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA_X

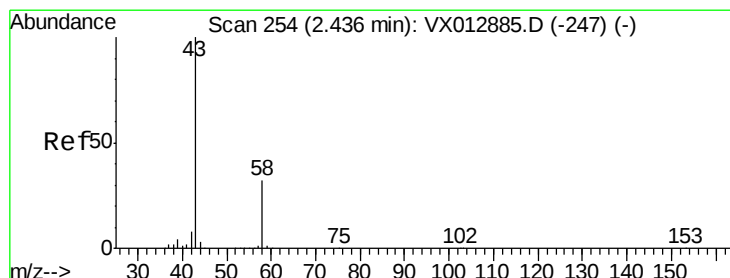
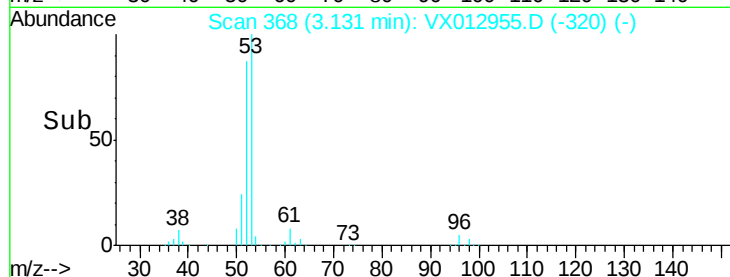
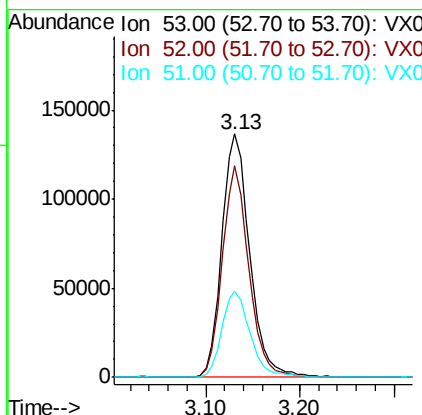
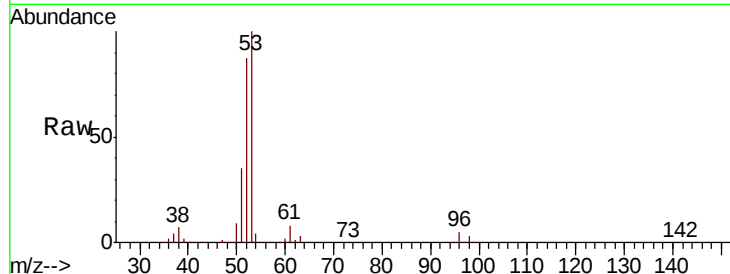
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	280081
Ion Ratio	Lower	Upper	
53	100		
52	83.3	66.2	99.2
51	36.2	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 214.437 ug/l

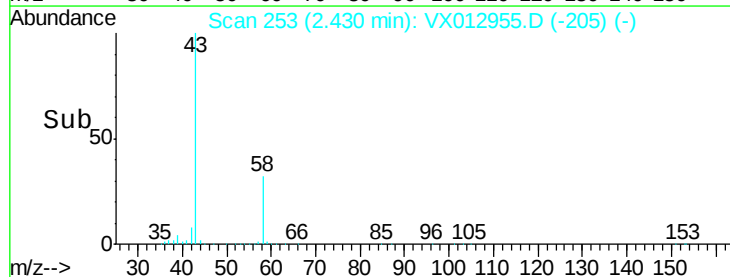
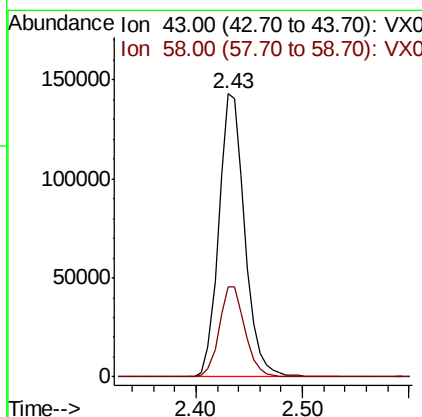
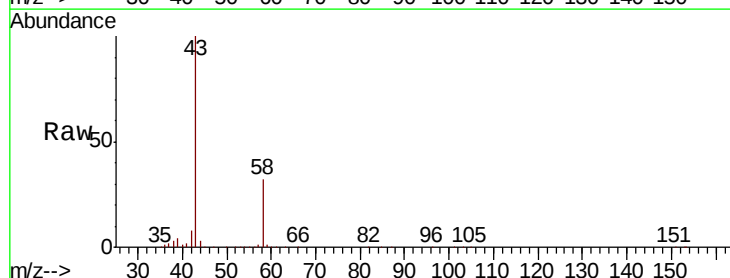
RT: 2.43 min Scan# 253

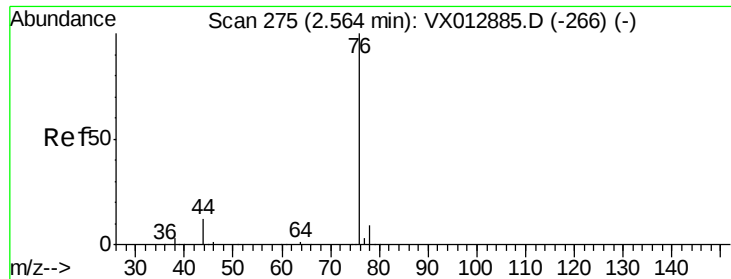
Delta R.T. -0.01 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Tgt Ion:	43	Resp:	240774
Ion Ratio	Lower	Upper	
43	100		
58	31.7	25.4	38.2





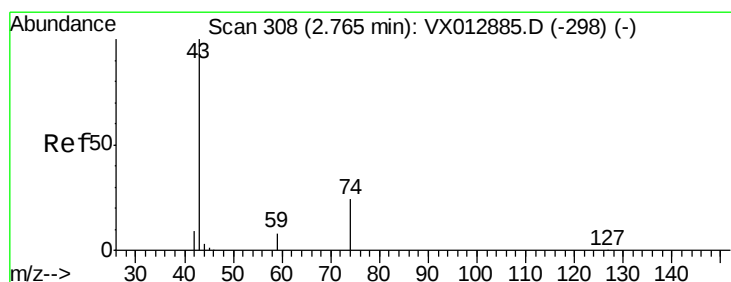
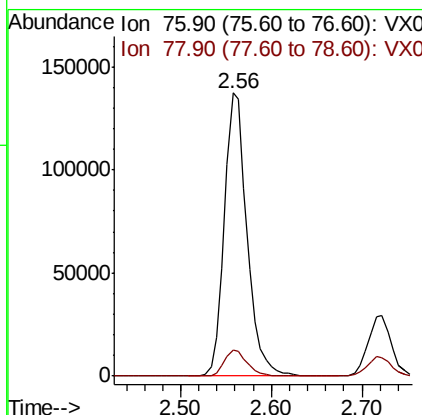
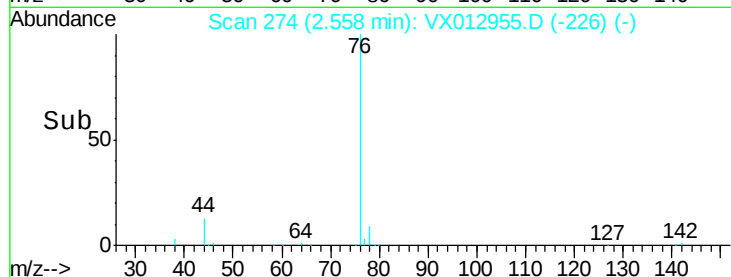
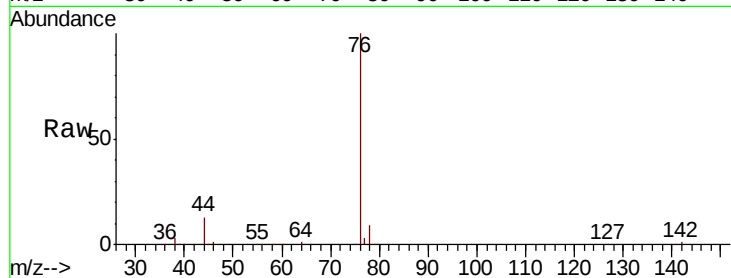
#17
Carbon Disulfide
Concen: 48.667 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.1	10.7

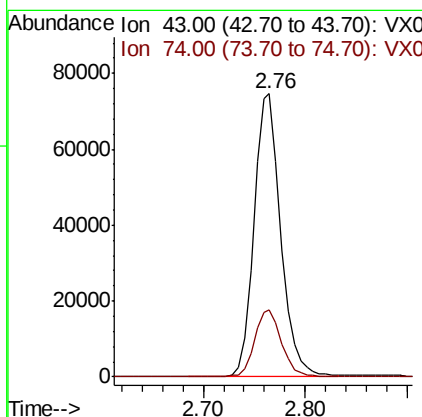
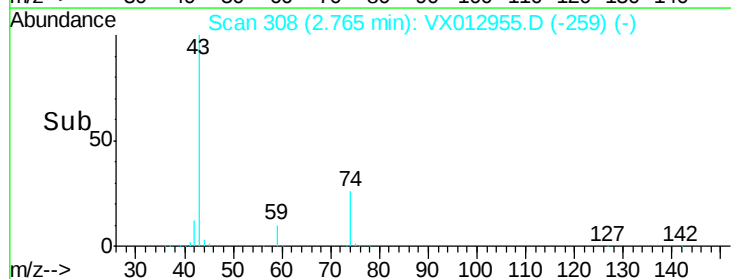
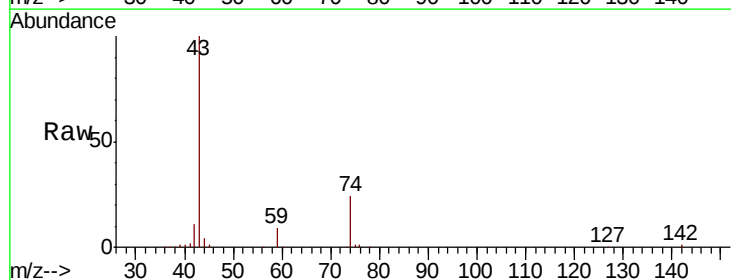
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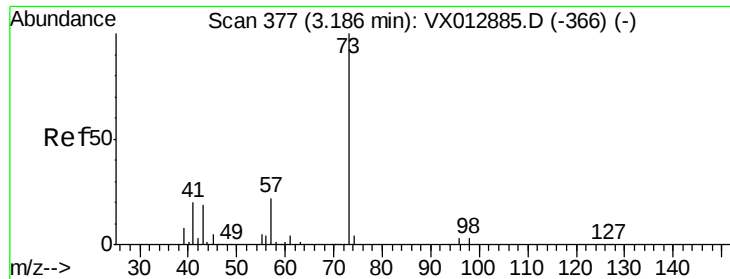
MMDadoda
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#18
Methyl Acetate
Concen: 51.282 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	19.2	28.8





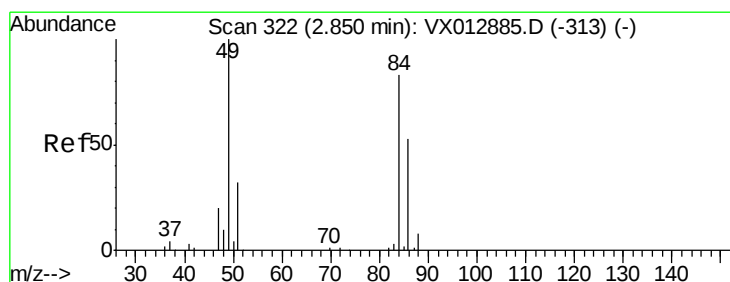
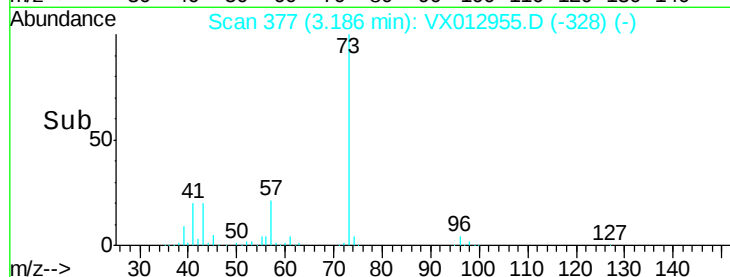
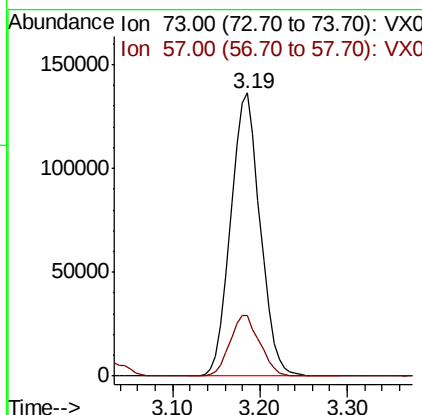
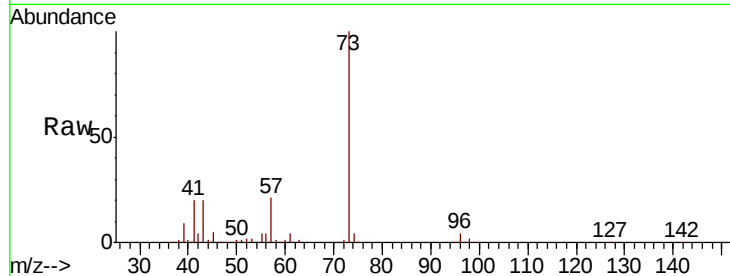
#19
Methvl tert-butvl Ether
Concen: 53.611 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	17.8	26.6

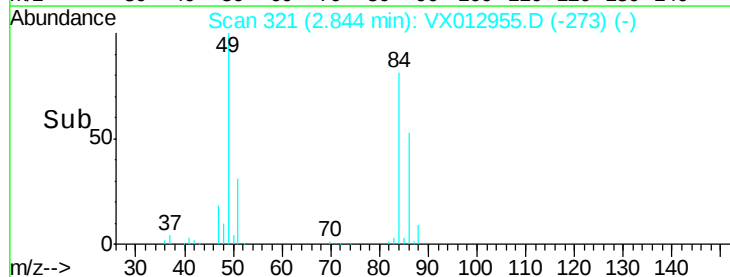
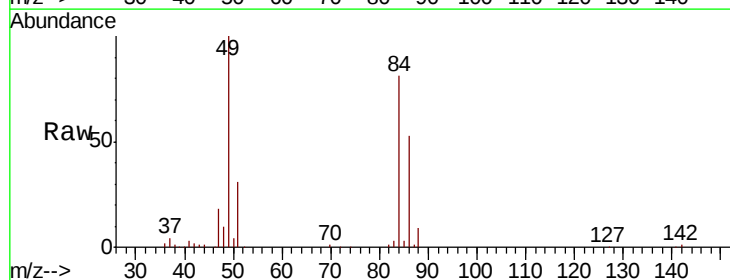
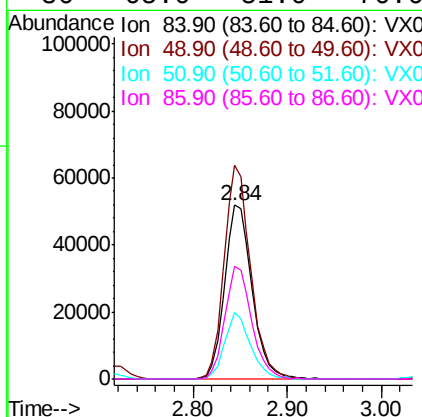
Manual Integrations
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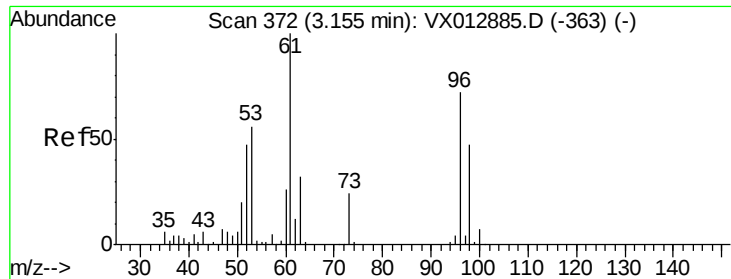
MMDadoda
10/10/2019 9:33:19 AM



#20
Methylene Chloride
Concen: 50.434 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.0	96.6	144.8
51	38.4	30.7	46.1
86	65.0	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 52.204 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 96368

Ion Ratio Lower Upper

96 100

61 136.7 110.4 165.6

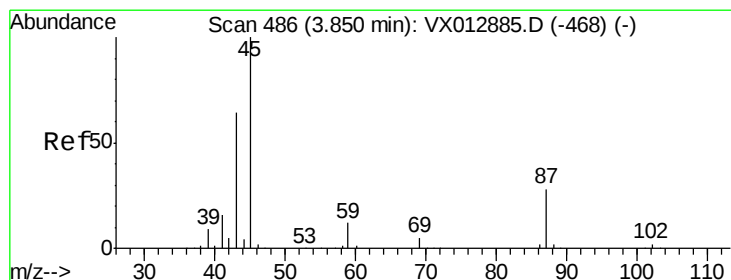
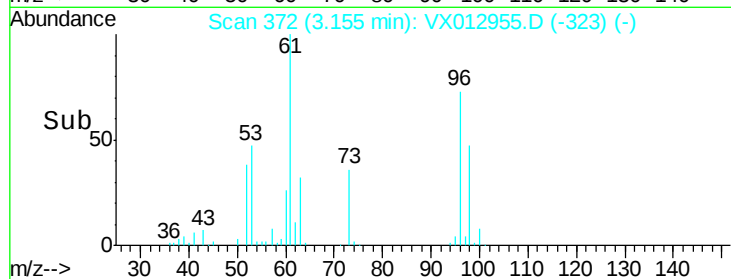
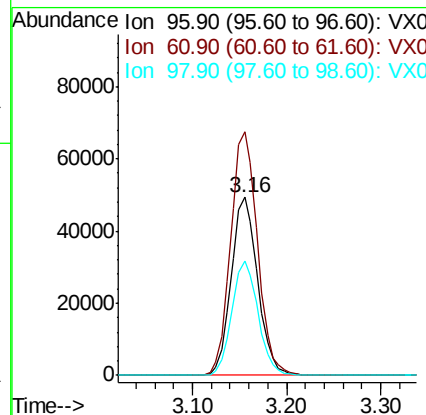
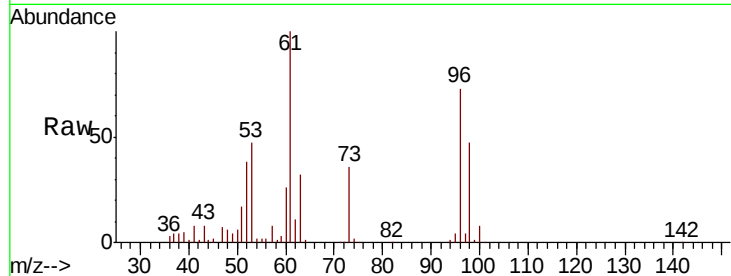
98 64.3 51.5 77.3

Manual Integrations

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#22

Diisopropyl ether

Concen: 53.598 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Tgt Ion: 45 Resp: 315011

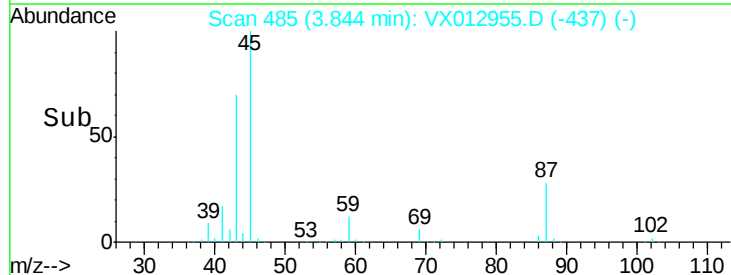
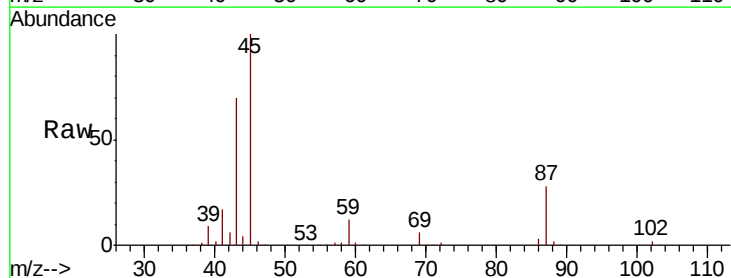
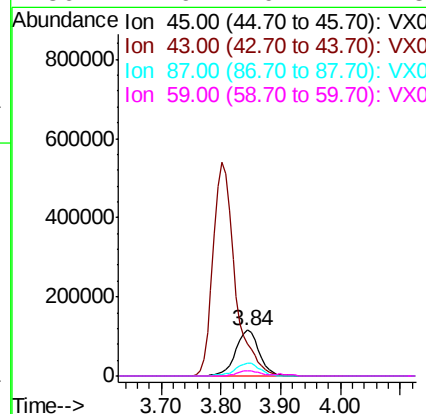
Ion Ratio Lower Upper

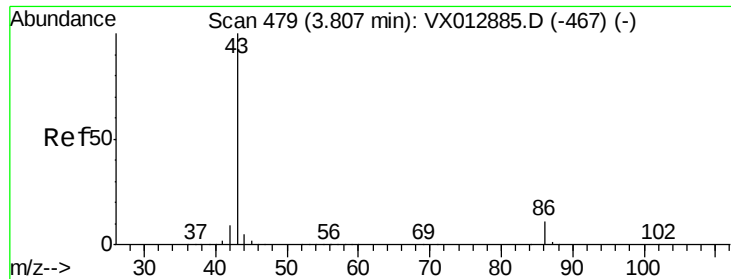
45 100

43 69.7 51.4 77.0

87 27.7 22.5 33.7

59 11.9 9.7 14.5





#23

Vinyl Acetate

Concen: 270.056 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1370181

Ion Ratio Lower Upper

43 100

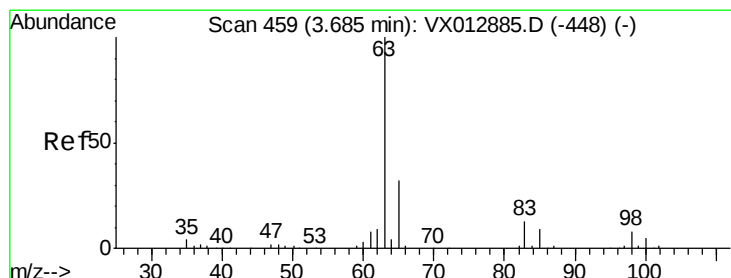
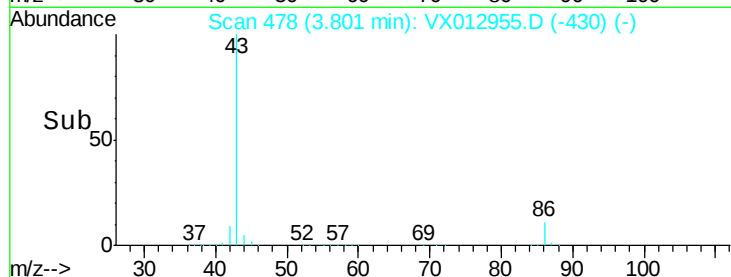
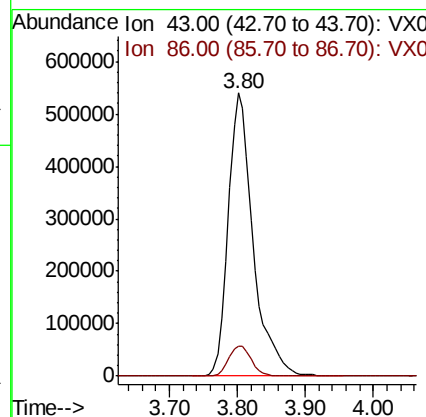
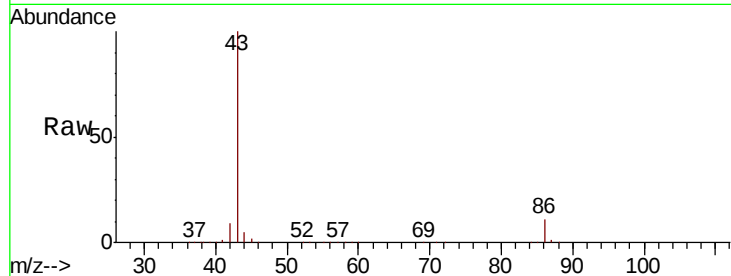
86 10.8 9.0 13.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 52.580 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

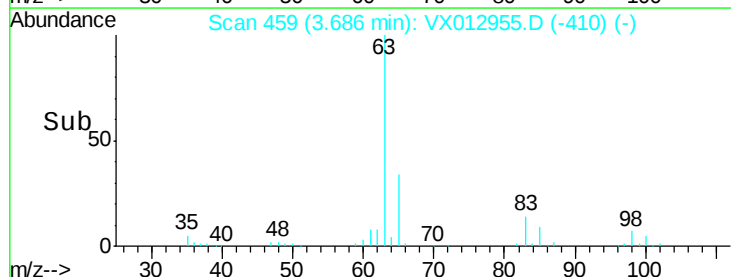
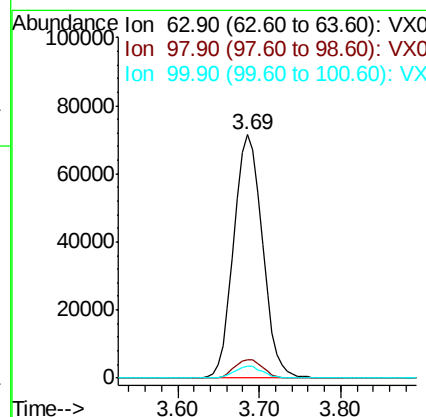
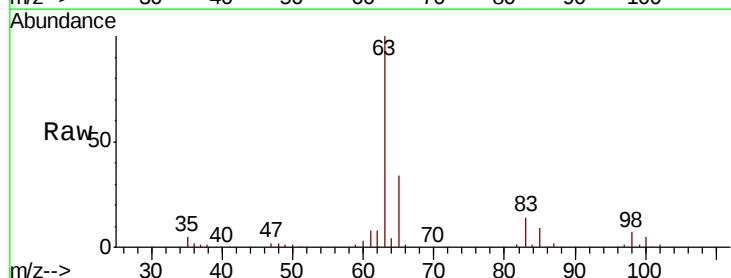
Tgt Ion: 63 Resp: 173852

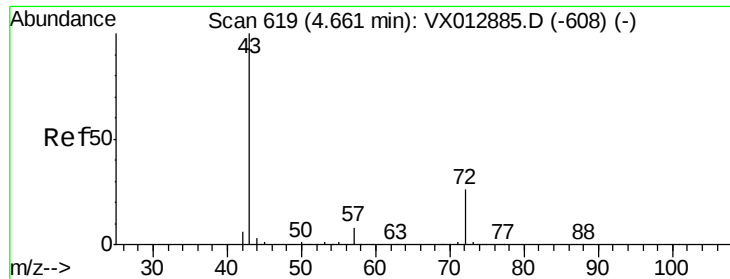
Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.5

100 4.9 2.3 6.9





#25

2-Butanone

Concen: 250.454 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 390146

Ion Ratio Lower Upper

43 100

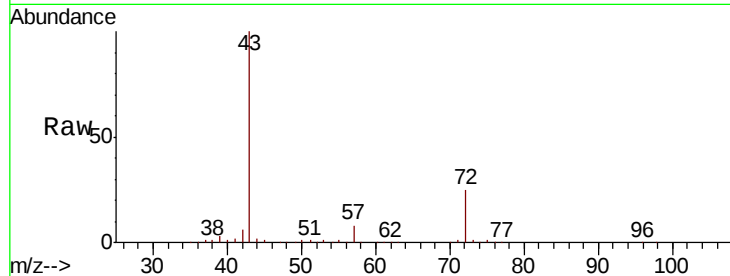
72 25.1 21.0 31.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

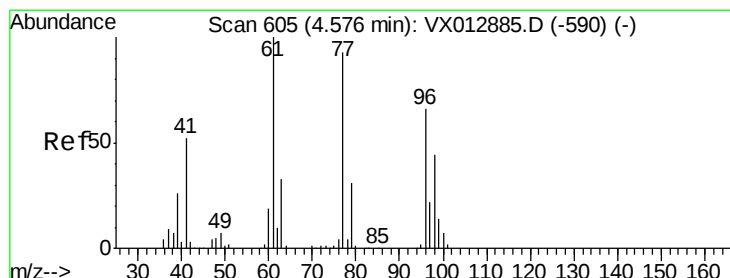
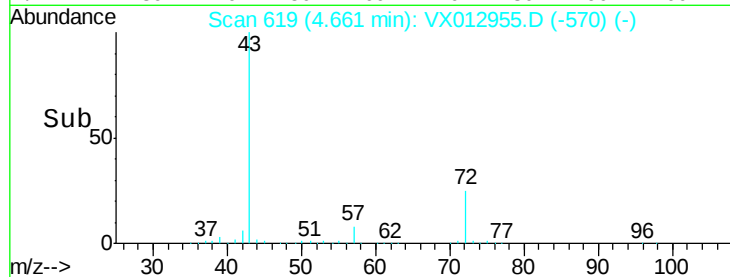
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 47.969 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX012955.D

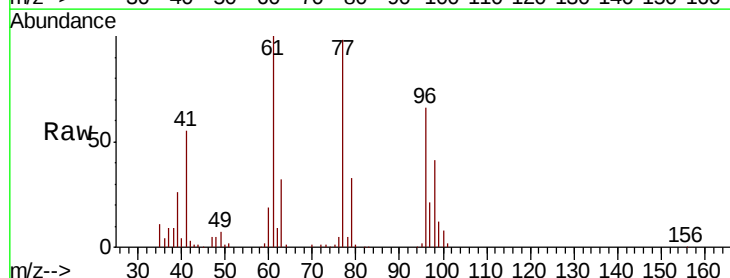
Acq: 09 Oct 2019 20:01

Tgt Ion: 77 Resp: 133374

Ion Ratio Lower Upper

77 100

97 23.3 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

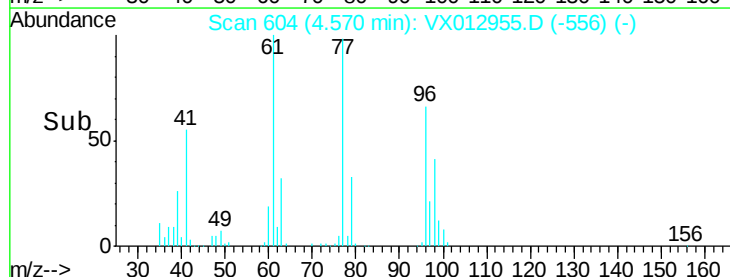
20000

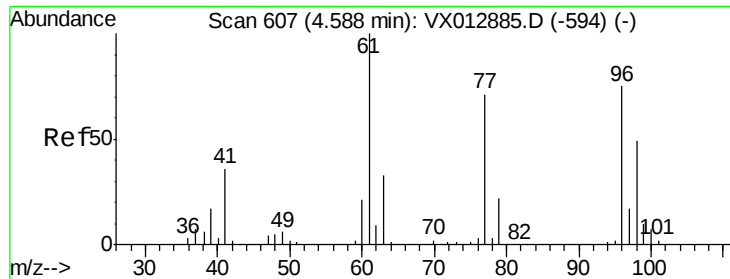
10000

0

4.50 4.60 4.70

Time-->





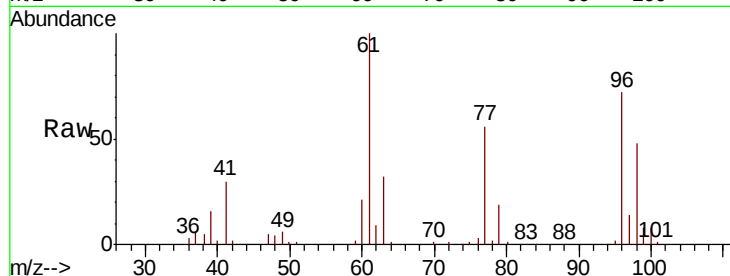
#27
 cis-1,2-Dichloroethene
 Concen: 52.608 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: VX012955.D
 Acq: 09 Oct 2019 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

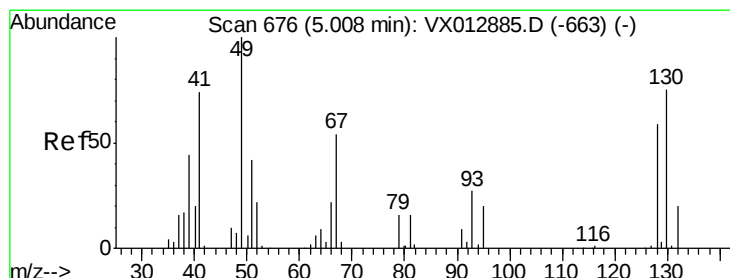
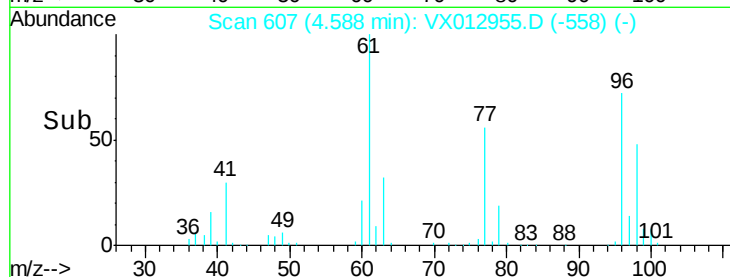
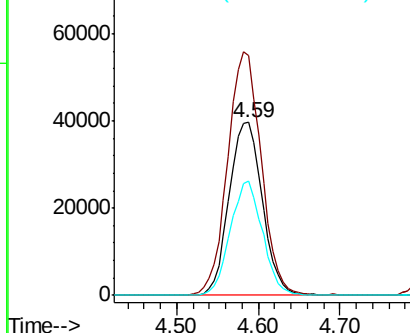
Tot Ion	Ratio	Resp	Lower	Upper
96	100	111941		
61	142.1	0.0	290.6	
98	64.0	0.0	128.8	

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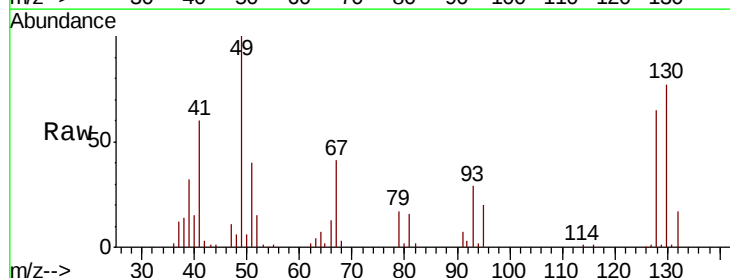


Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0

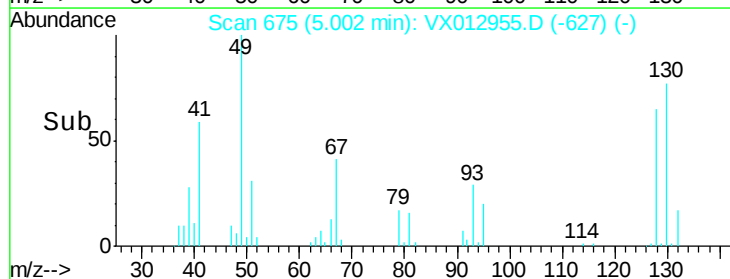
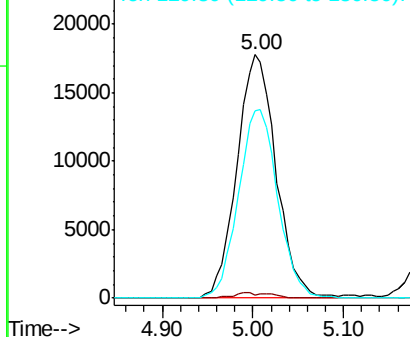


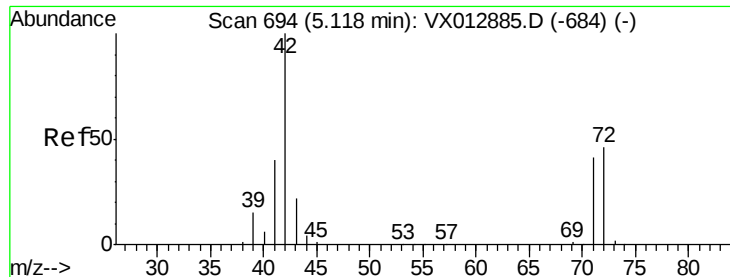
#28
 Bromochloromethane
 Concen: 53.824 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: VX012955.D
 Acq: 09 Oct 2019 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	53151		
129	2.2	0.0	4.2	
130	77.8	62.1	93.1	



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 261.680 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA_X

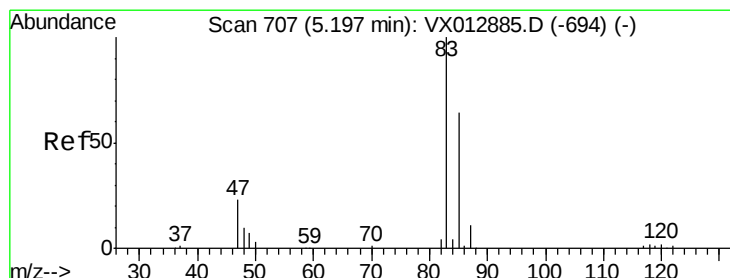
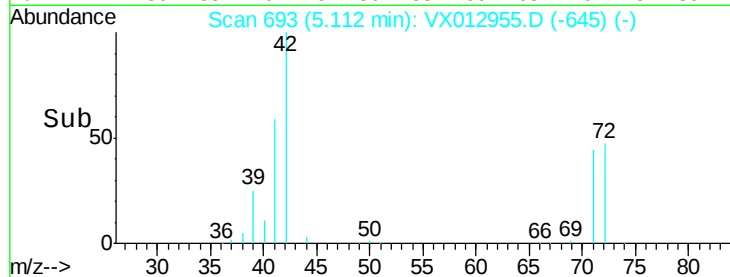
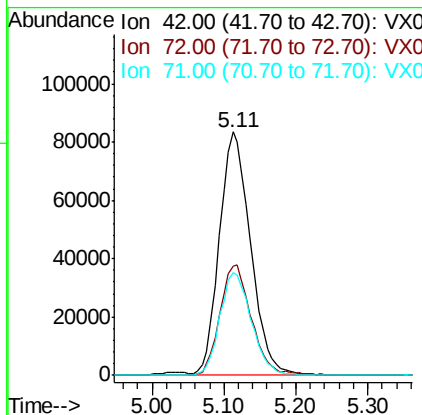
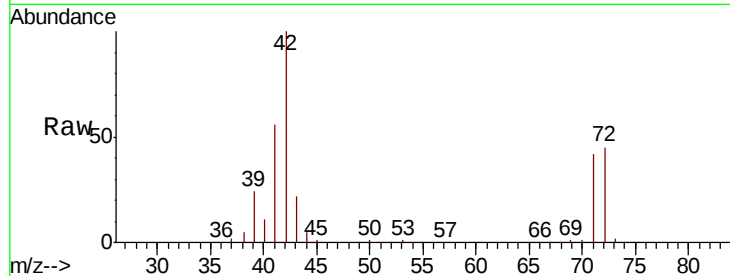
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	250844
Ion	Ratio	Lower	Upper
42	100		
72	46.1	36.9	55.3
71	42.8	33.5	50.3

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#30

Chloroform

Concen: 52.314 ug/l

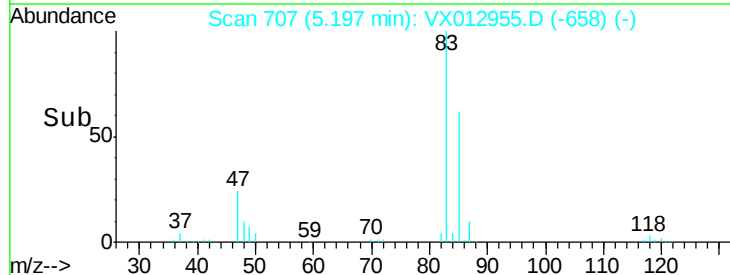
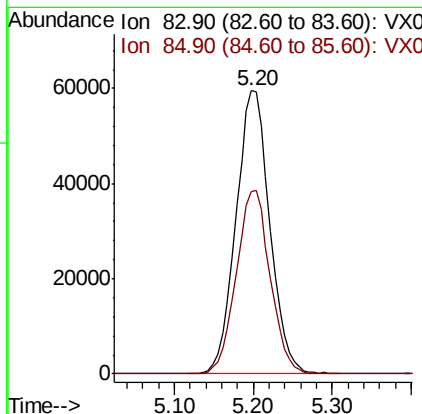
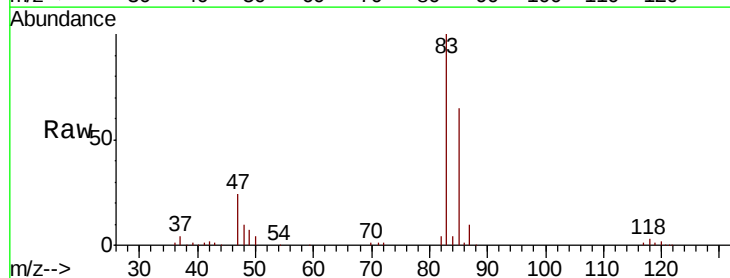
RT: 5.20 min Scan# 707

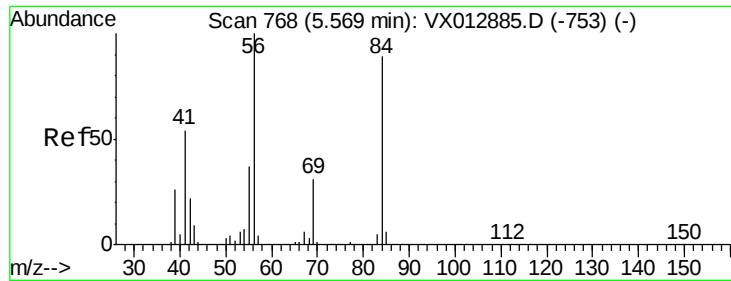
Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Tgt Ion:	83	Resp:	177483
Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.5	77.3





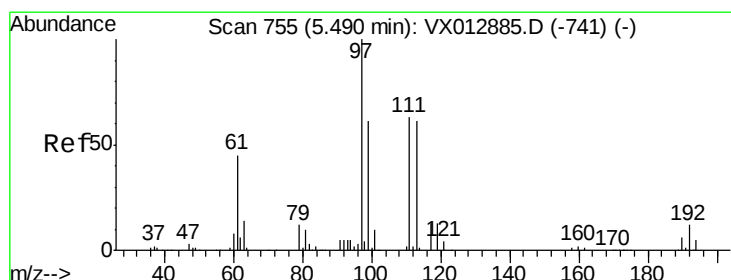
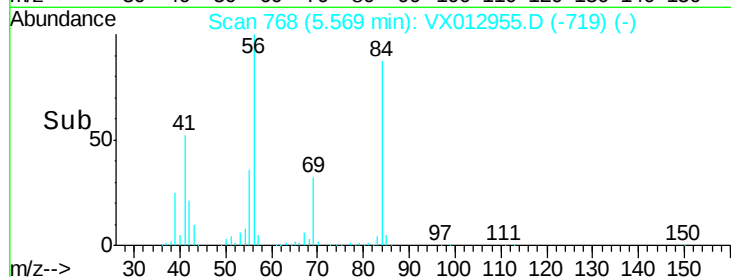
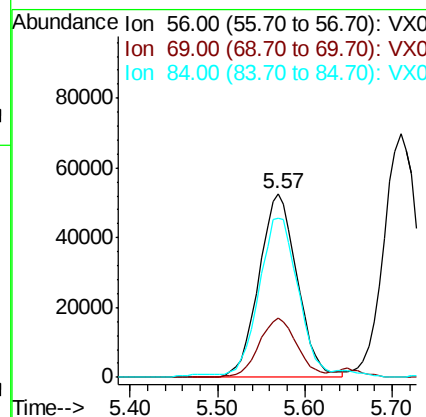
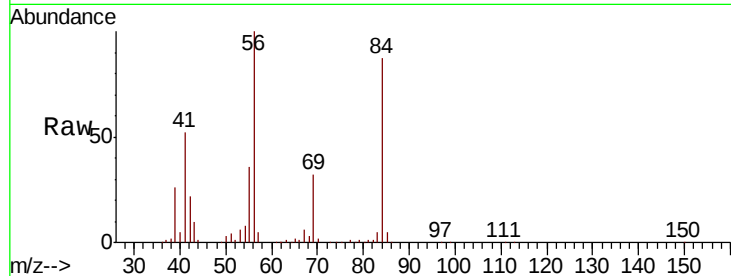
#31
Cyclohexane
Concen: 51.589 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.5	25.2	37.8
84	85.1	71.3	106.9

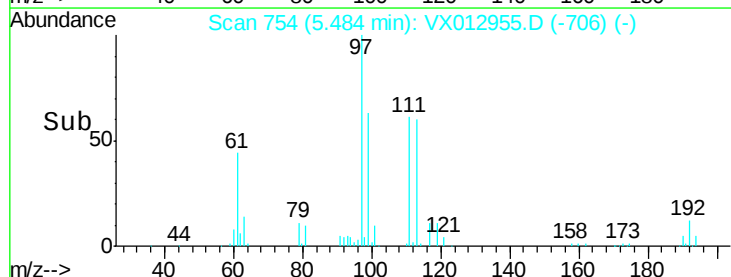
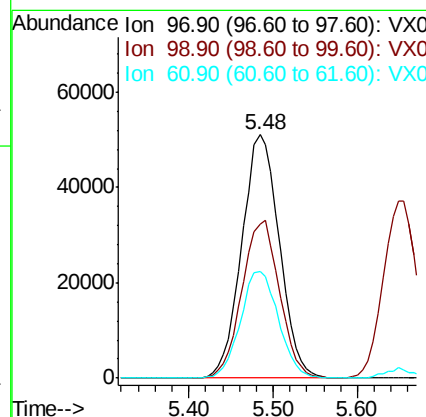
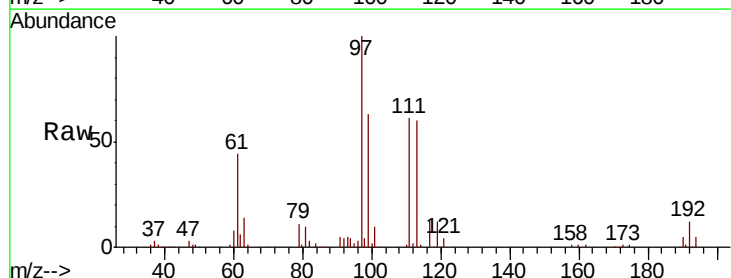
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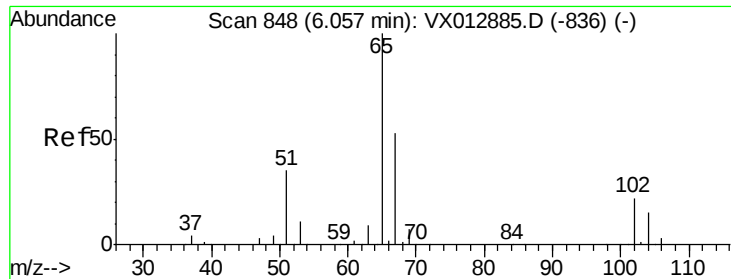
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#32
1,1,1-Trichloroethane
Concen: 53.798 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	52.3	78.5
61	44.5	35.0	52.4





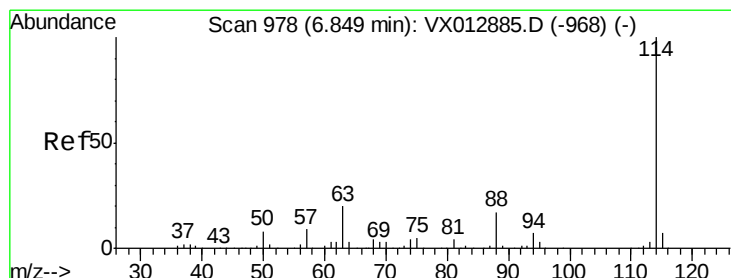
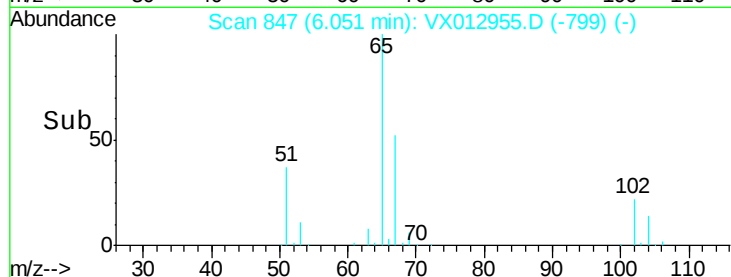
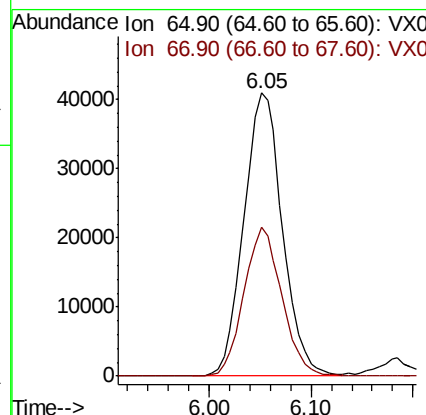
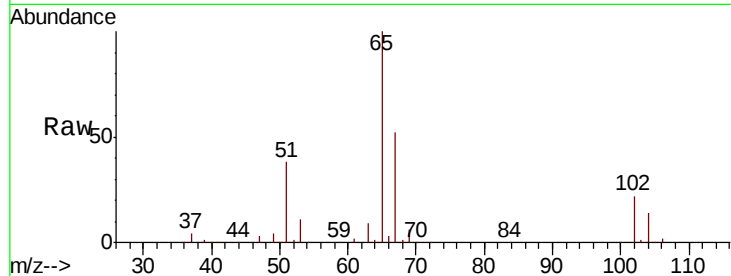
#33
 1,2-Dichloroethane-d4
 Concen: 50.488 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX012955.D
 Acq: 09 Oct 2019 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	104.4

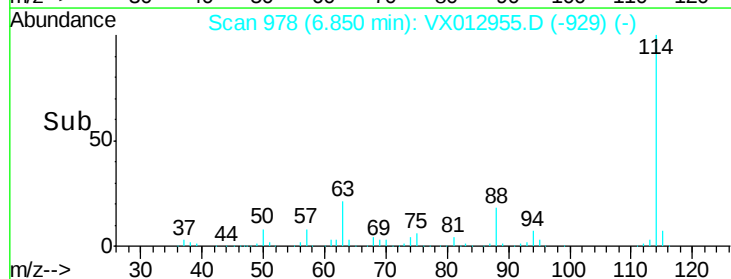
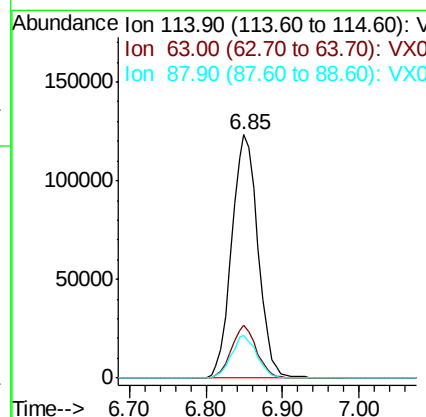
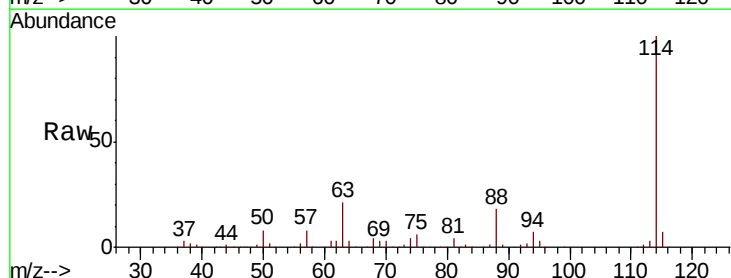
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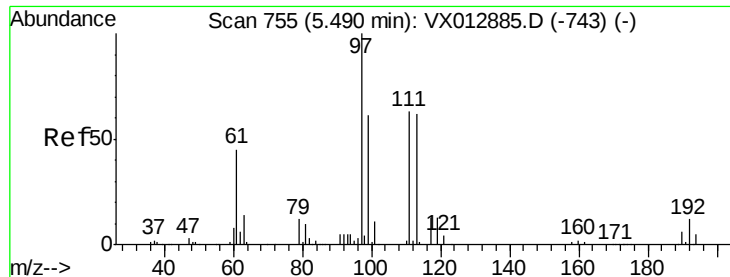
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012955.D
 Acq: 09 Oct 2019 20:01

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	40.8
88	17.6	0.0	33.8





#35

Dibromofluoromethane

Concen: 51.168 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA_X

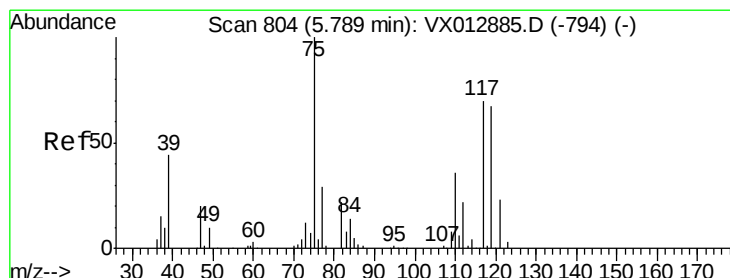
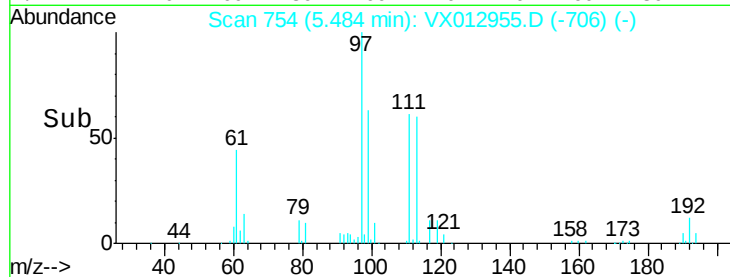
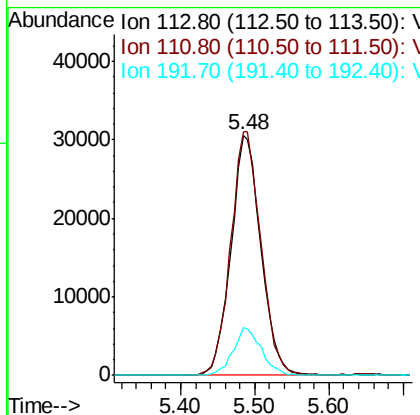
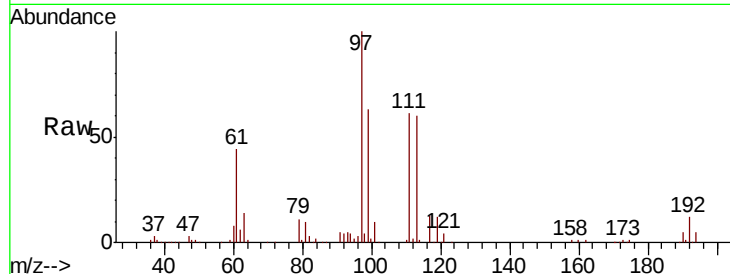
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	86078
Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.2	124.8
192	18.8	15.4	23.2

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#36

1,1-Dichloropropene

Concen: 52.111 ug/l

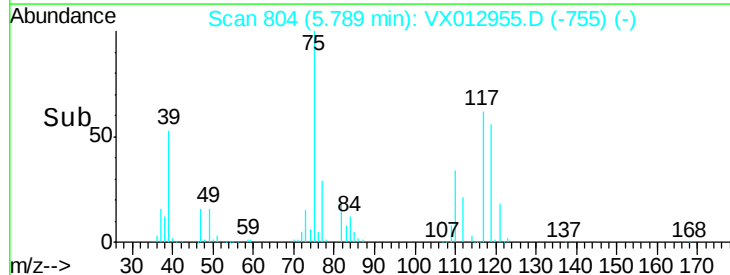
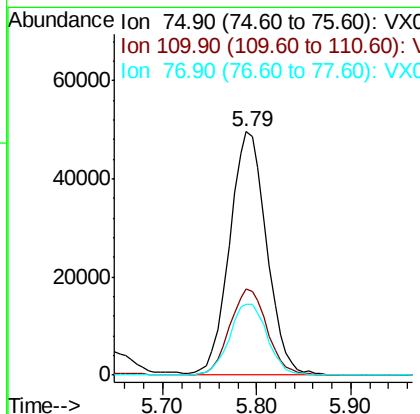
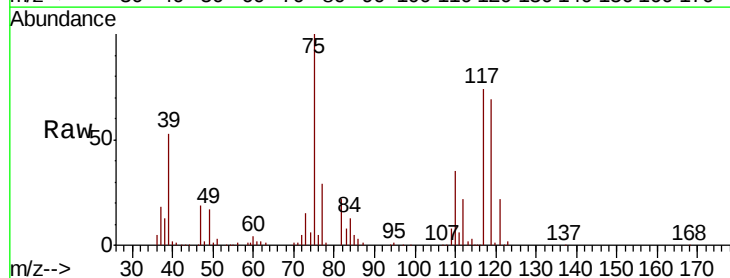
RT: 5.79 min Scan# 804

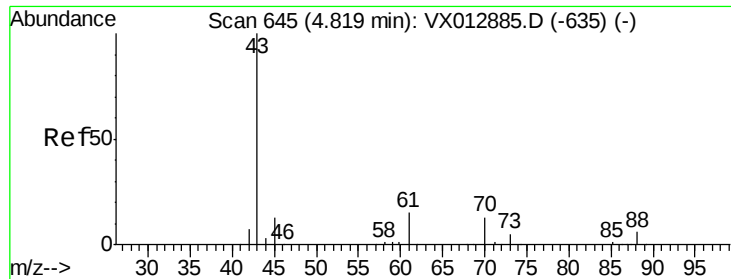
Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Tgt Ion:	75	Resp:	134288
Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.6	52.9
77	30.1	24.4	36.6





#37

Ethyl Acetate

Concen: 51.071 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA_X

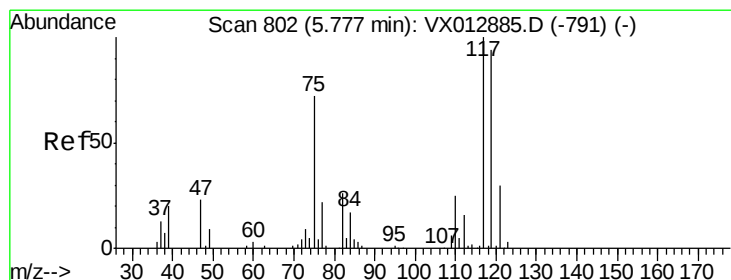
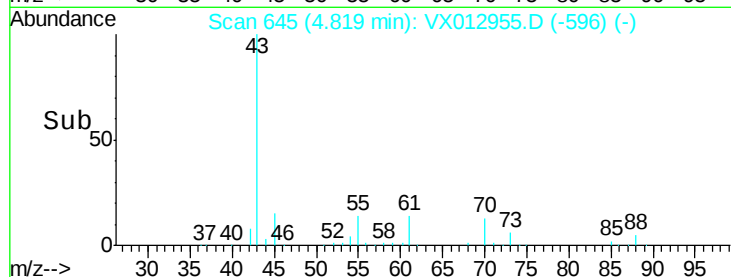
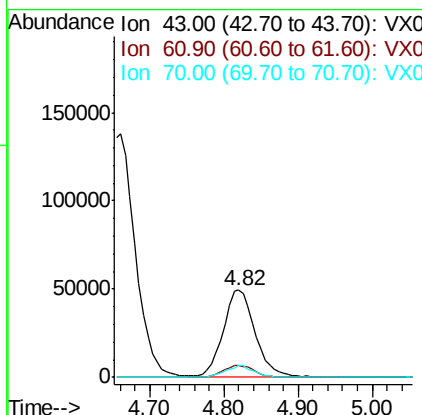
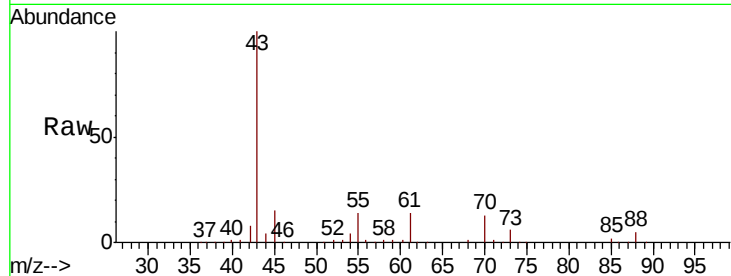
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	147165
Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.4	17.0
70	12.0	9.8	14.6

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#38

Carbon Tetrachloride

Concen: 52.334 ug/l

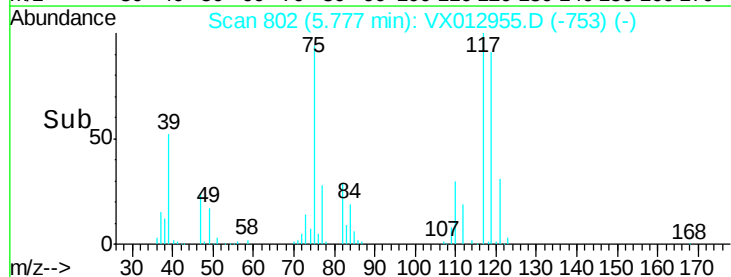
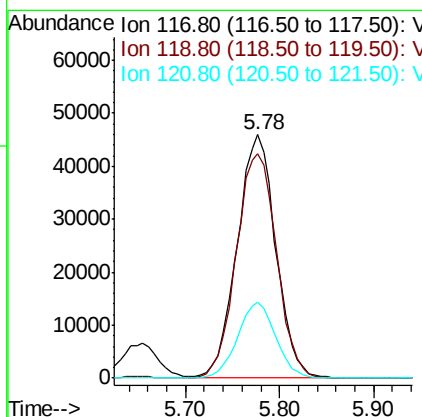
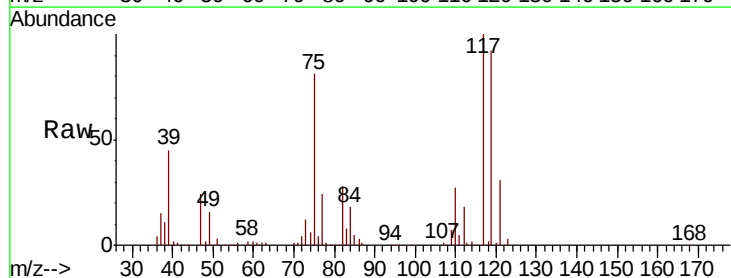
RT: 5.78 min Scan# 802

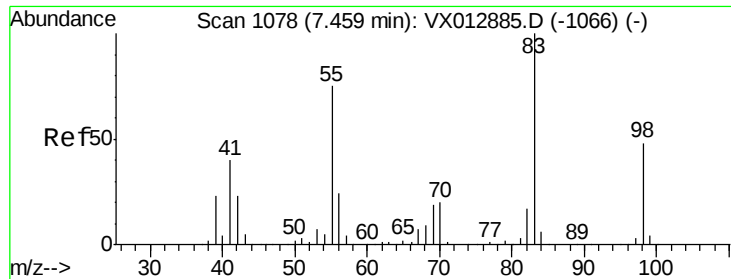
Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Tgt Ion:	117	Resp:	131268
Ion	Ratio	Lower	Upper
117	100		
119	92.7	74.5	111.7
121	31.0	24.2	36.4





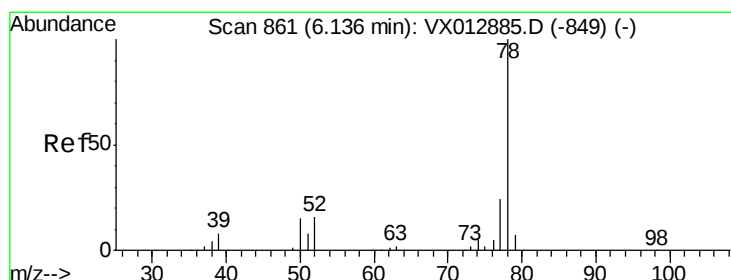
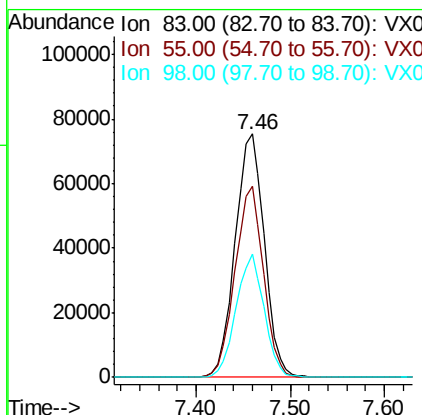
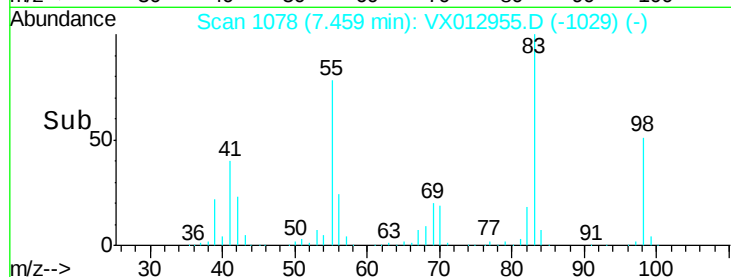
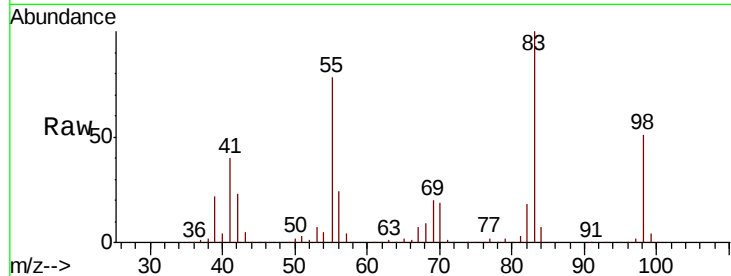
#39
Methvlcvclohexane
Concen: 52.020 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.3	60.2	90.4
98	50.7	38.5	57.7

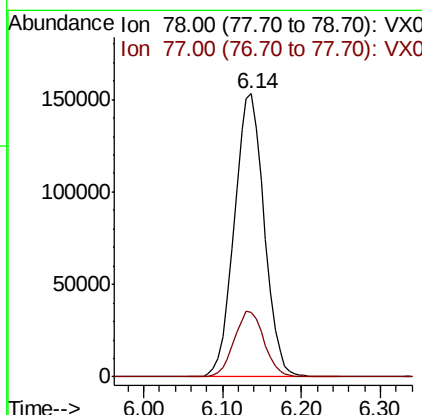
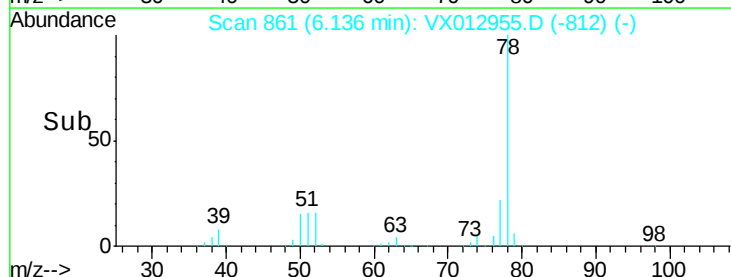
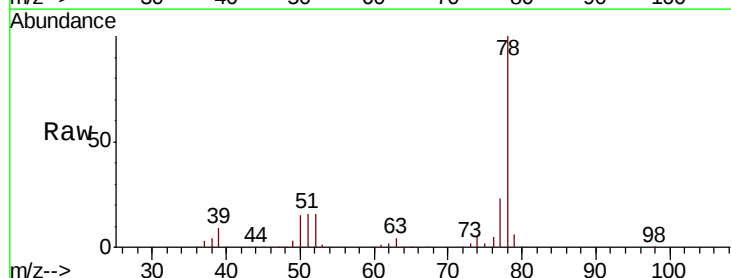
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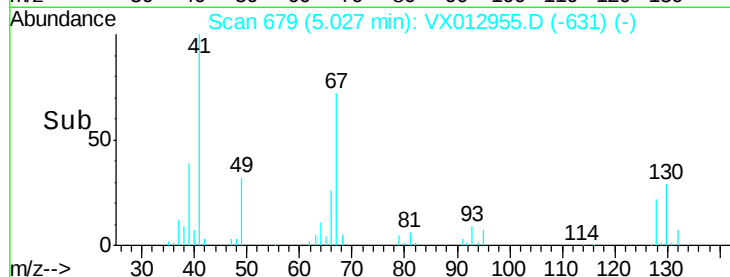
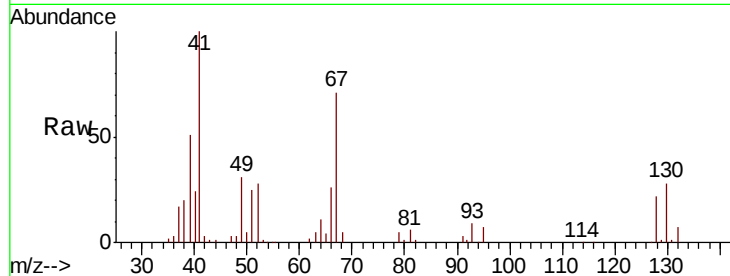
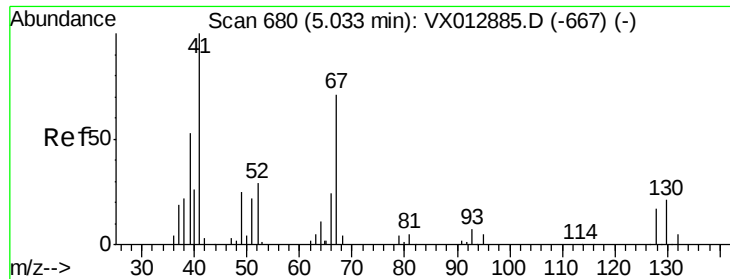
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#40
Benzene
Concen: 52.989 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.0	28.4





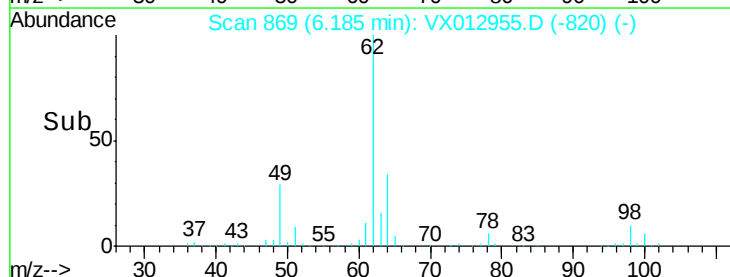
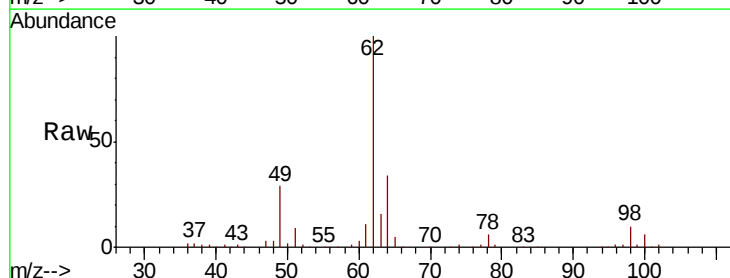
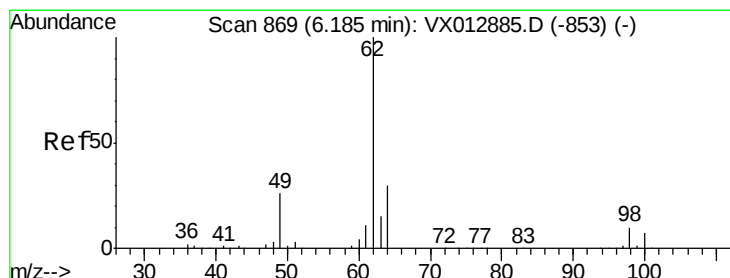
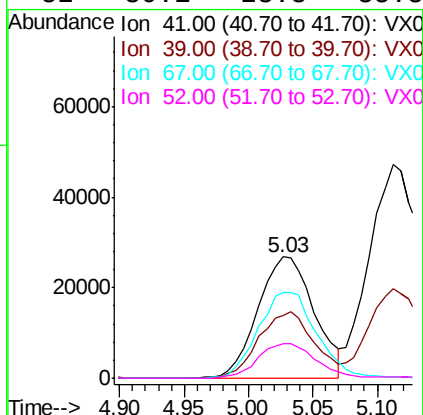
#41
Methacrylonitrile
Concen: 51.407 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		81397		
39	53.6	44.0	66.0		
67	73.9	58.5	87.7		
52	30.1	23.8	35.8		

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

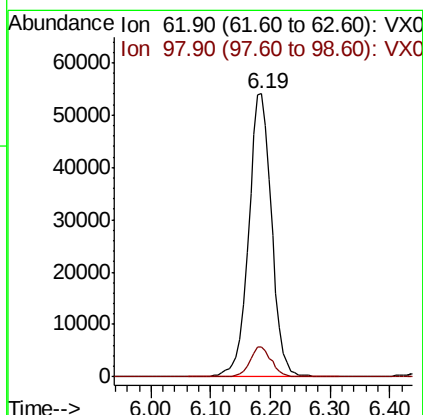
Manual Integrations
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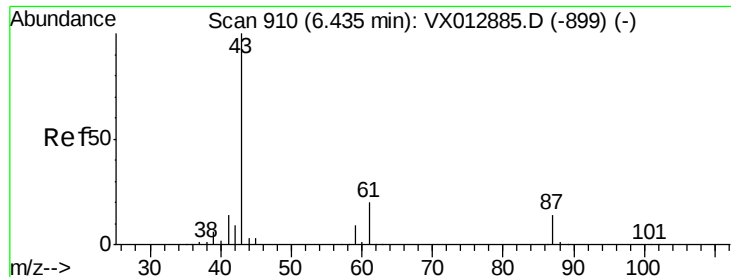
MMDadoda
10/10/2019 9:33:19 AM



#42
1,2-Dichloroethane
Concen: 52.873 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		144400		
98	10.0	0.0	20.4		





#43

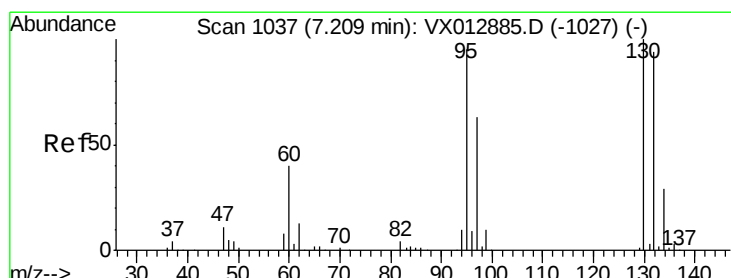
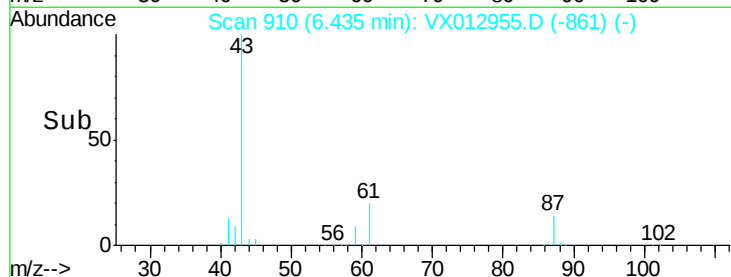
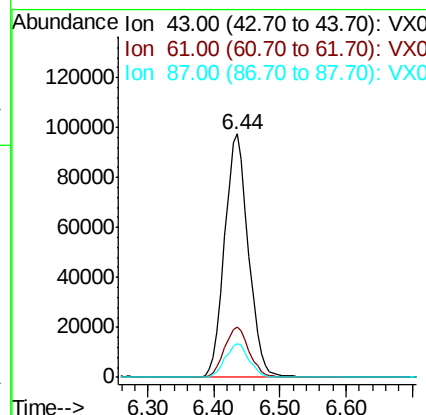
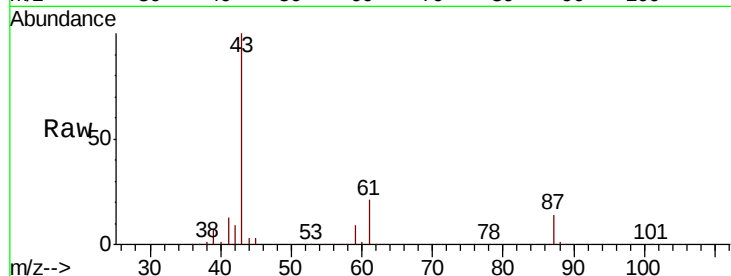
Isopropyl Acetate
 Concen: 52.499 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX012955.D
 Acq: 09 Oct 2019 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.2	16.6	24.8
87	13.9	11.0	16.6

Manual Integrations
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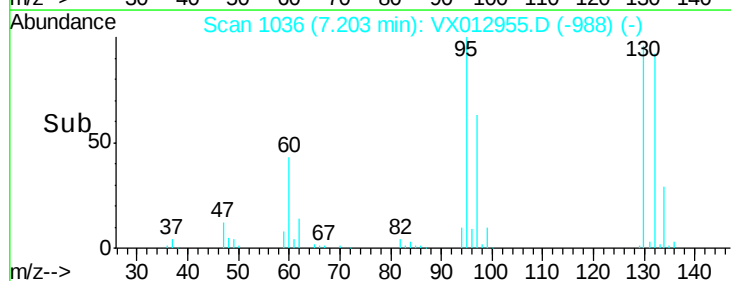
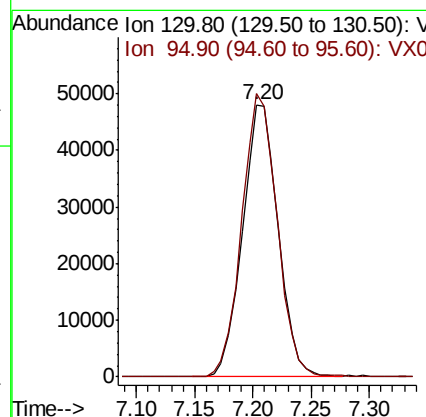
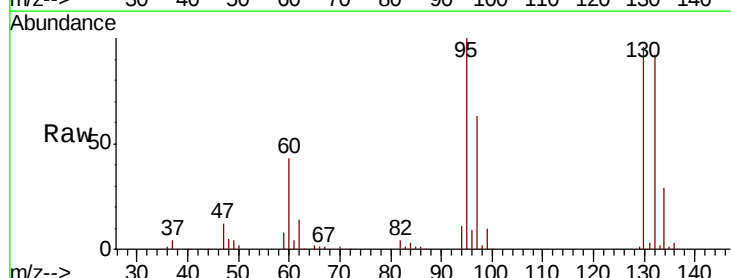
MMDadoda
 10/10/2019 9:33:19 AM



#44

Trichloroethene
 Concen: 48.655 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX012955.D
 Acq: 09 Oct 2019 20:01

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.9	0.0	189.2





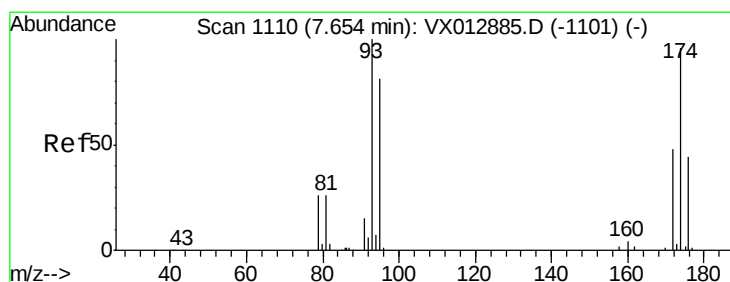
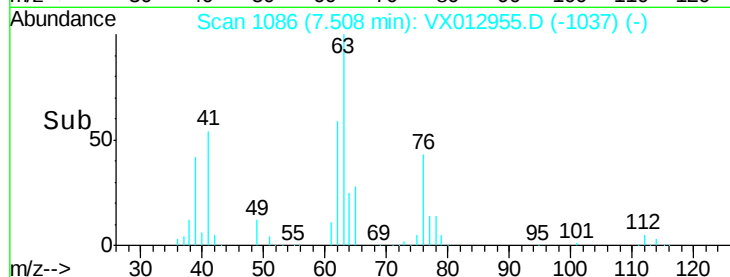
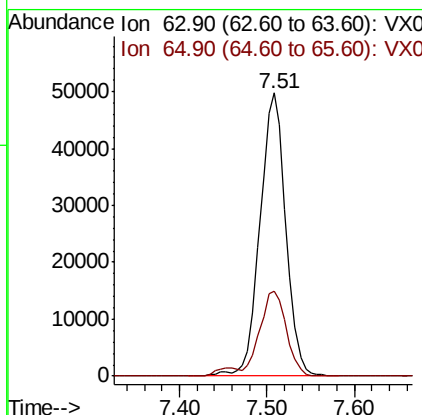
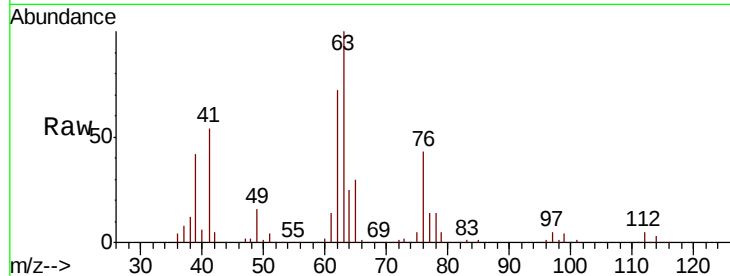
#45
 1,2-Dichloropropane
 Concen: 52.831 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012955.D
 Acq: 09 Oct 2019 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 102484
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.6 37.0

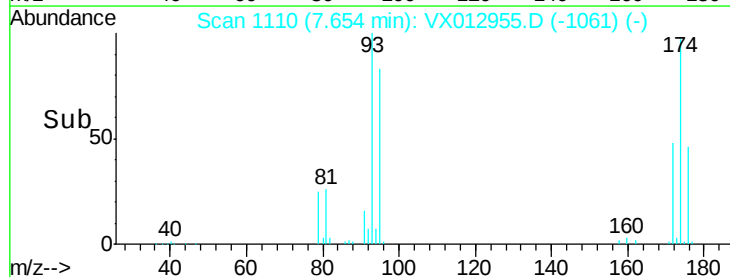
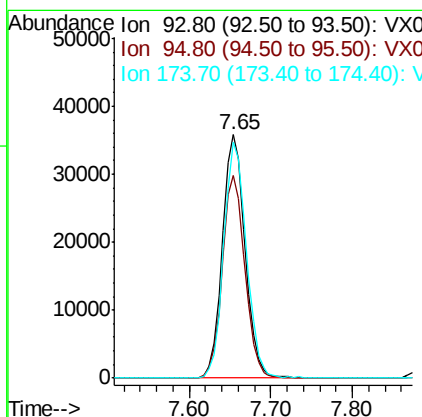
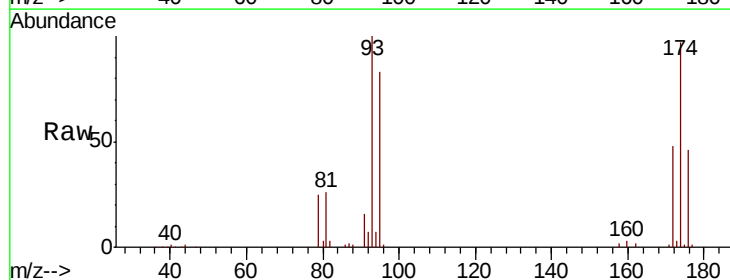
Manual Integrations
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MMDadoda
 10/10/2019 9:33:19 AM



#46
 Dibromomethane
 Concen: 53.031 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012955.D
 Acq: 09 Oct 2019 20:01

Tgt Ion: 93 Resp: 68539
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.3 99.5
 174 97.3 77.8 116.6





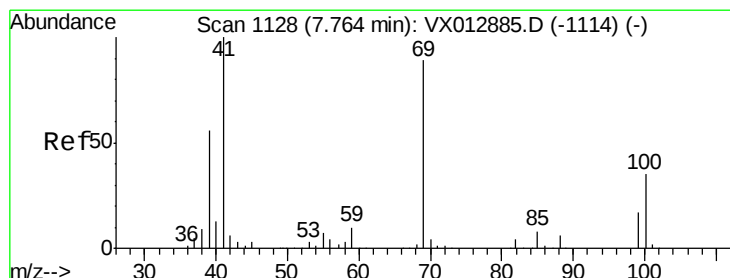
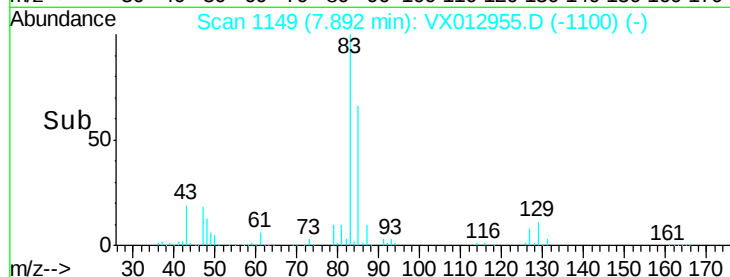
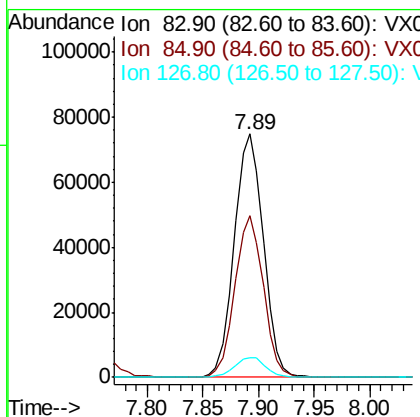
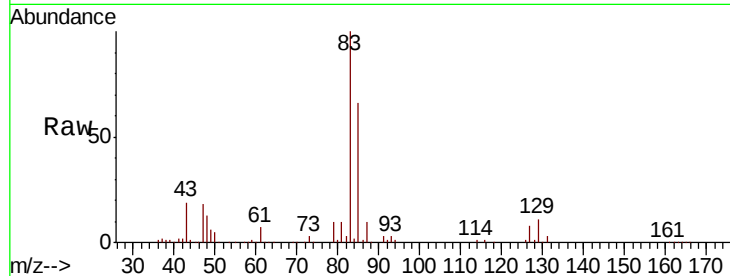
#47
Bromodichloromethane
Concen: 53.723 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	135499
Ion Ratio	100	Lower	Upper
83	100		
85	66.3	52.4	78.6
127	8.3	6.6	10.0

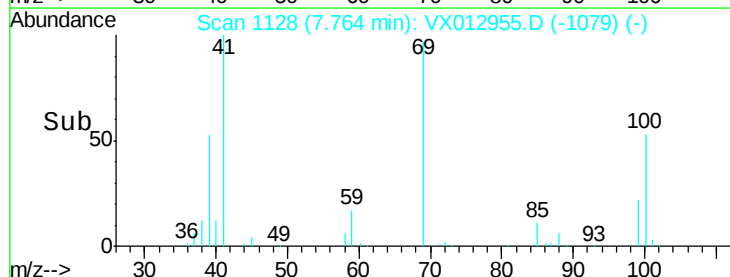
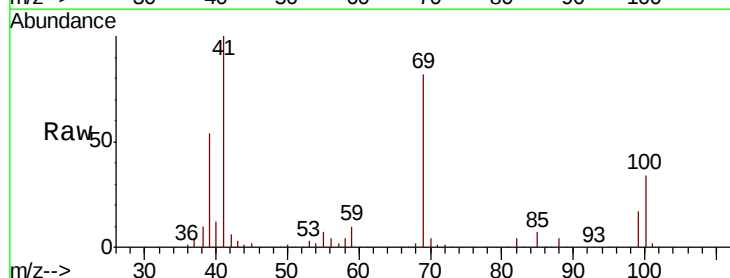
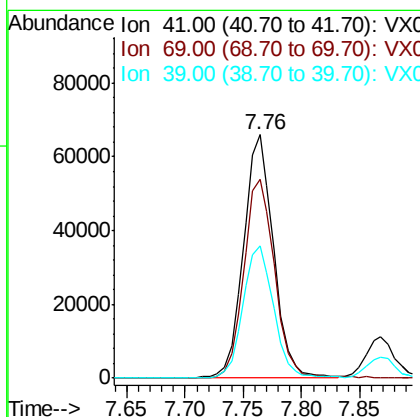
Manual Integrations
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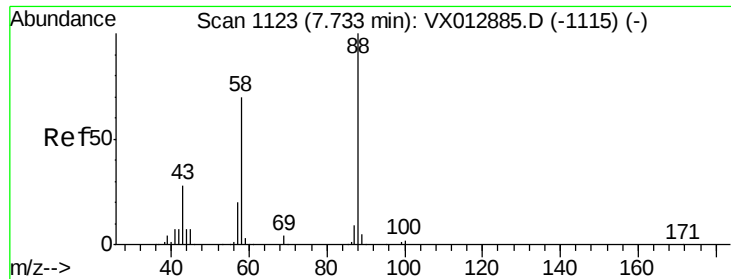
MMDadoda
10/10/2019 9:33:19 AM



#48
Methyl methacrylate
Concen: 52.417 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Tgt Ion	41	Resp	118137
Ion Ratio	100	Lower	Upper
41	100		
69	84.1	68.7	103.1
39	55.9	44.3	66.5





#49

1,4-Dioxane

Concen: 969.046 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA_X

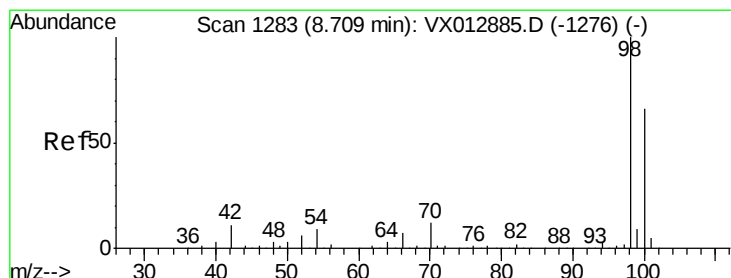
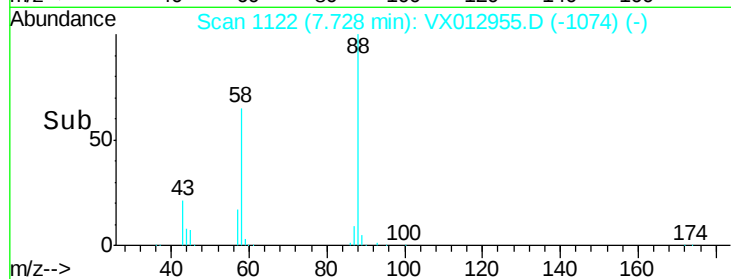
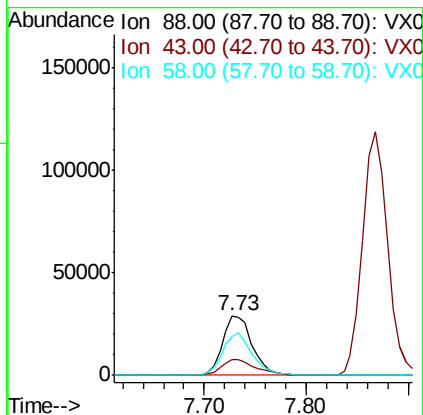
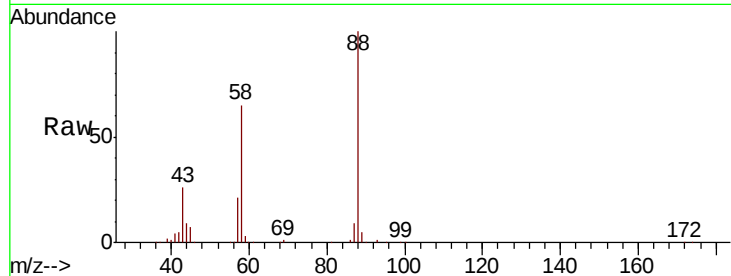
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	58542
Ion	Ratio	Lower	Upper
88	100		
43	31.7	25.0	37.6
58	71.2	55.4	83.2

Manual Integrations
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#50

Toluene-d8

Concen: 49.462 ug/l

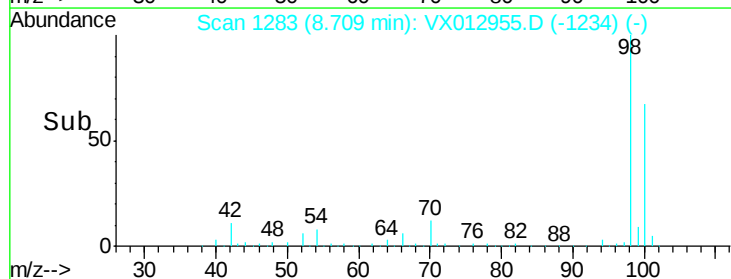
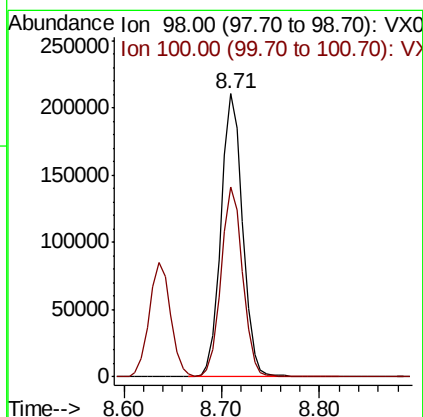
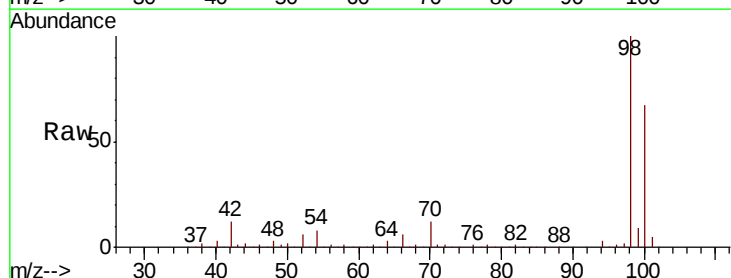
RT: 8.71 min Scan# 1283

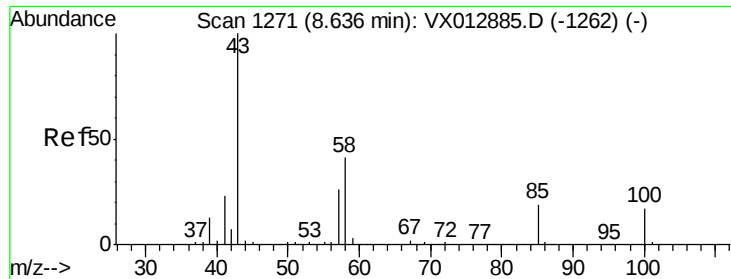
Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Tgt Ion:	98	Resp:	324531
Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.4	80.2





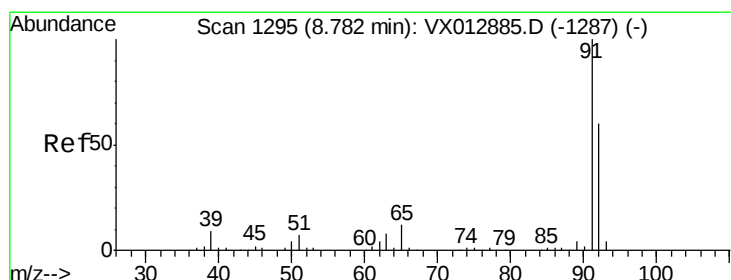
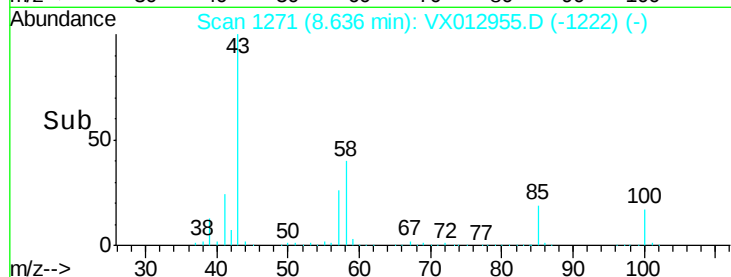
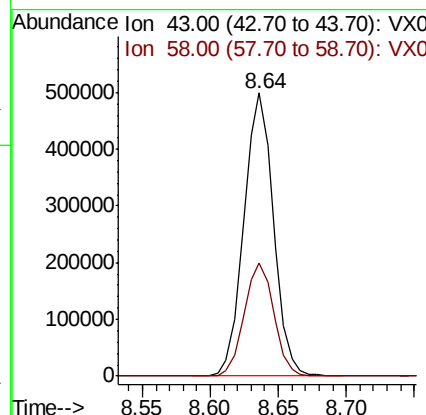
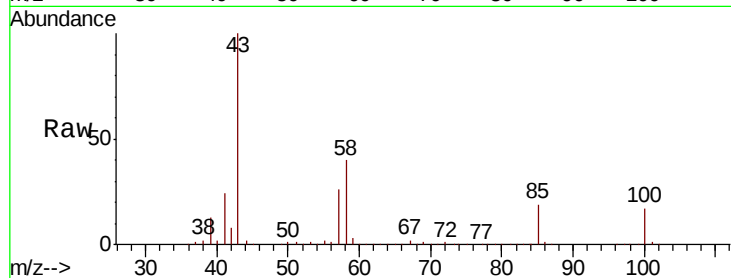
#51
4-Methyl-2-Pentanone
Concen: 262.688 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 757480
Ion Ratio Lower Upper
43 100
58 40.3 32.4 48.6

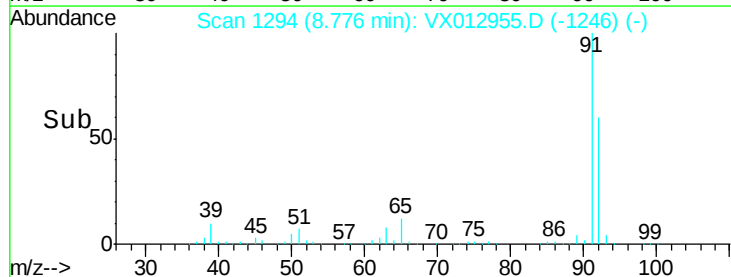
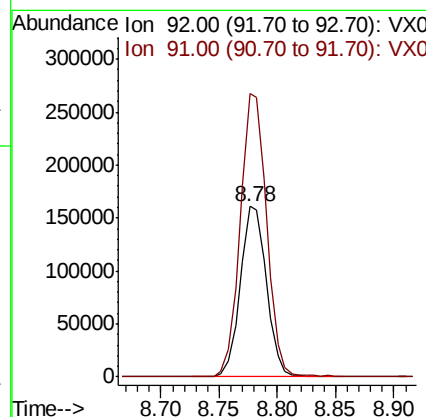
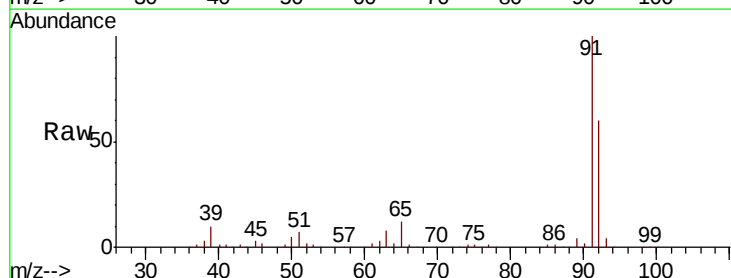
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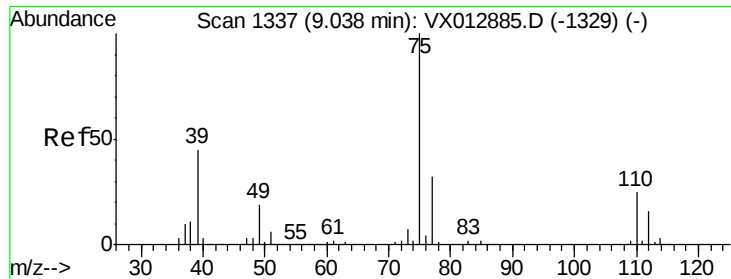
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#52
Toluene
Concen: 52.065 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Tgt Ion: 92 Resp: 253521
Ion Ratio Lower Upper
92 100
91 167.8 135.9 203.9





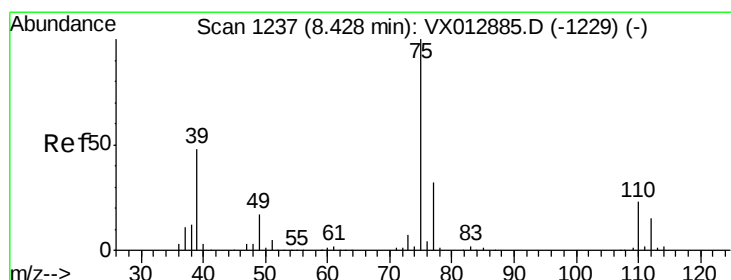
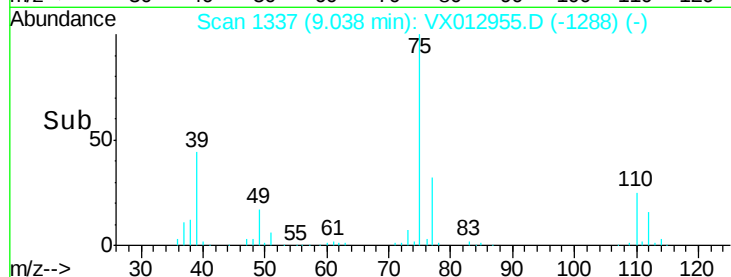
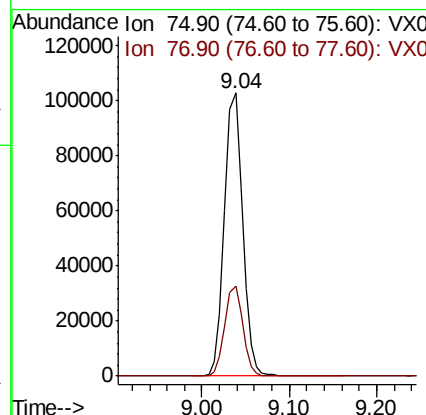
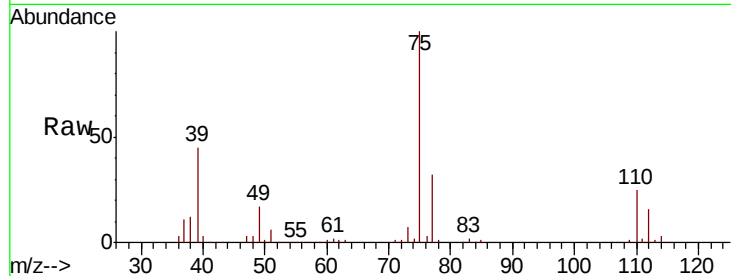
#53
t-1,3-Dichloropropene
Concen: 47.520 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 149219
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.6

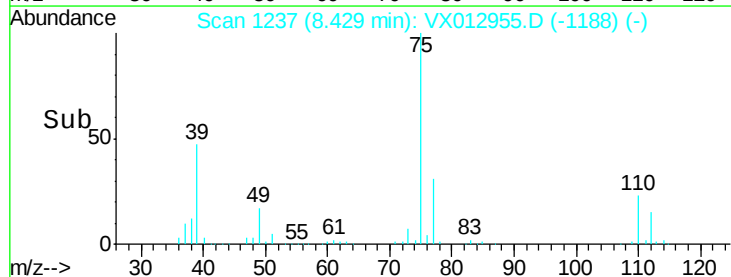
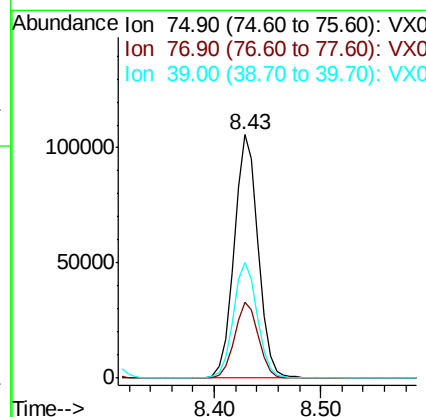
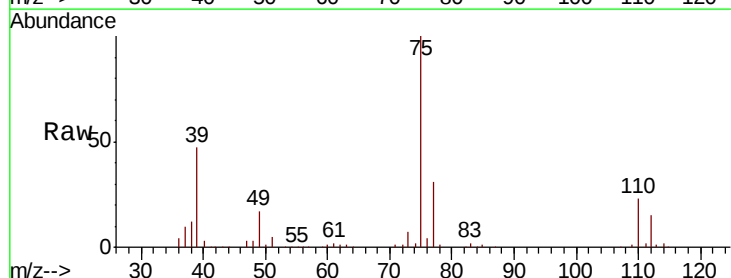
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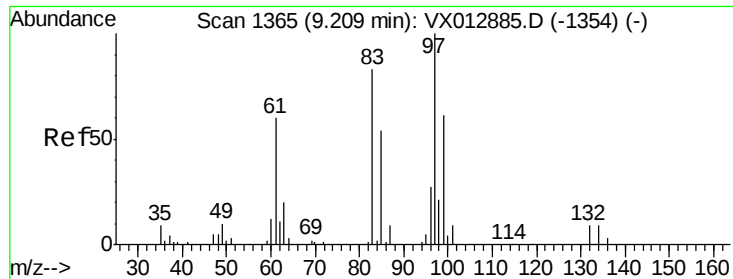
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#54
cis-1,3-Dichloropropene
Concen: 53.593 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Tgt Ion: 75 Resp: 166249
Ion Ratio Lower Upper
75 100
77 31.4 25.8 38.8
39 47.3 38.2 57.2





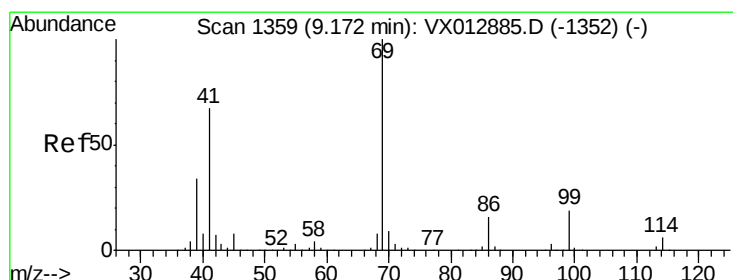
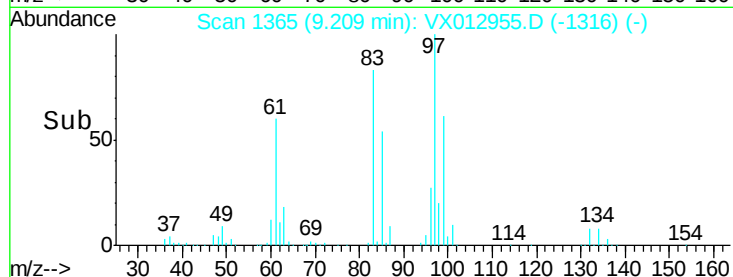
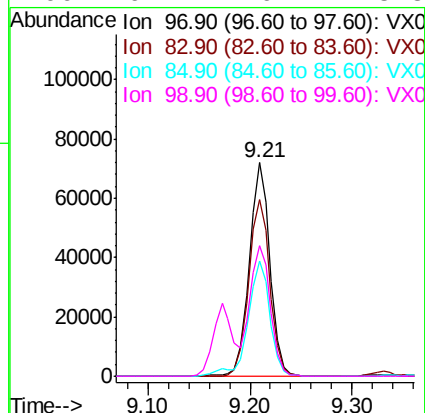
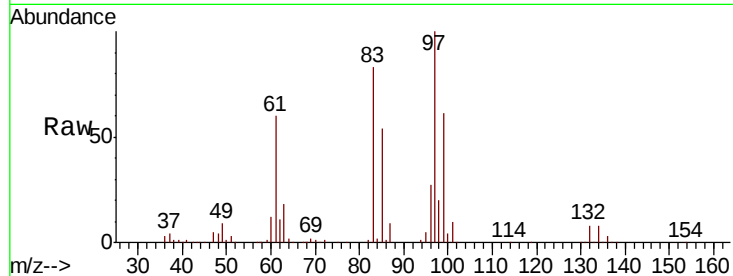
#55
 1,1,2-Trichloroethane
 Concen: 52.615 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012955.D
 Acq: 09 Oct 2019 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	101388
Ion	Ratio	Lower	Upper
97	100		
83	82.6	66.5	99.7
85	54.1	43.1	64.7
99	61.4	49.2	73.8

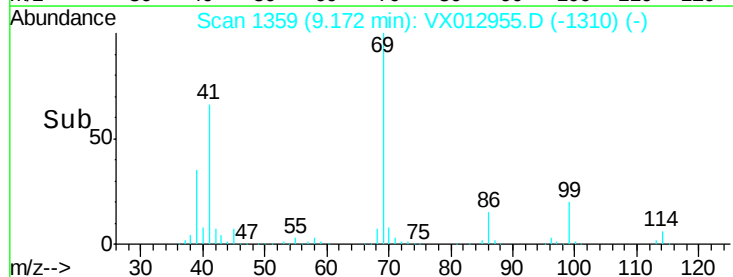
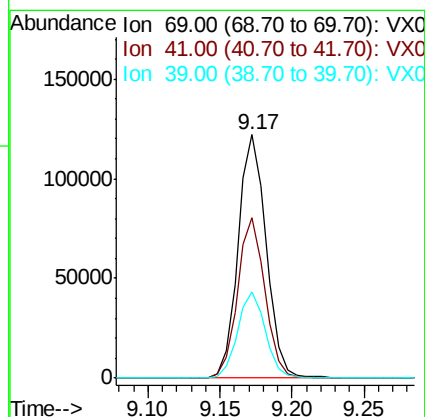
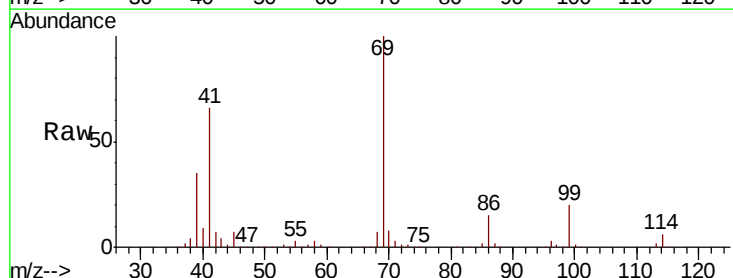
Manual Integrations
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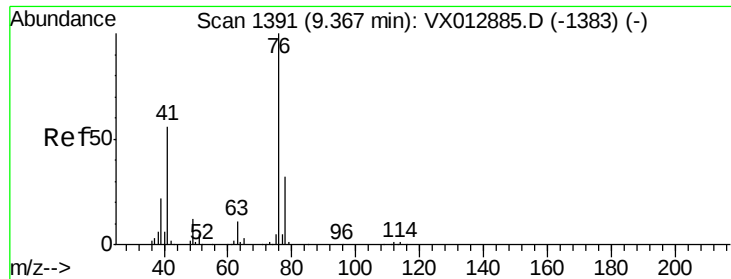
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 10/10/2019 9:33:19 AM



#56
 Ethyl methacrylate
 Concen: 48.297 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012955.D
 Acq: 09 Oct 2019 20:01

Tgt Ion:	69	Resp:	166432
Ion	Ratio	Lower	Upper
69	100		
41	64.9	52.1	78.1
39	35.1	27.8	41.8





#57

1,3-Dichloropropane

Concen: 51.838 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 172794

Ion Ratio Lower Upper

76 100

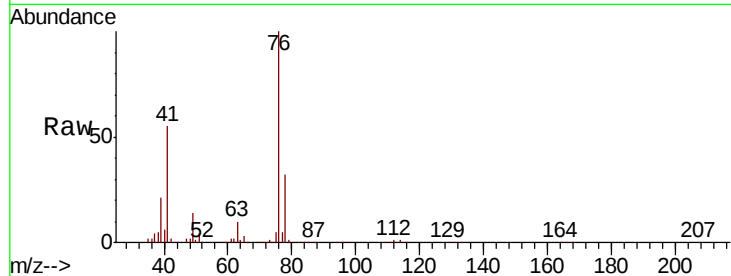
78 32.2 26.1 39.1

Manual Integrations

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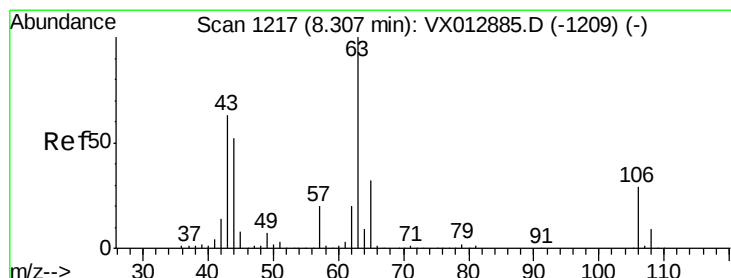
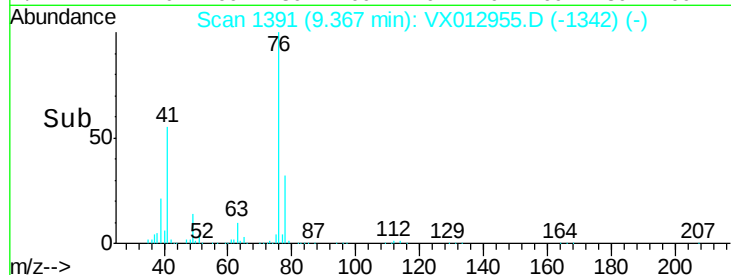
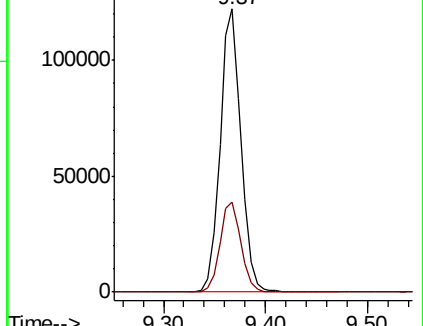
MMDadoda

10/10/2019 9:33:19 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 257.672 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012955.D

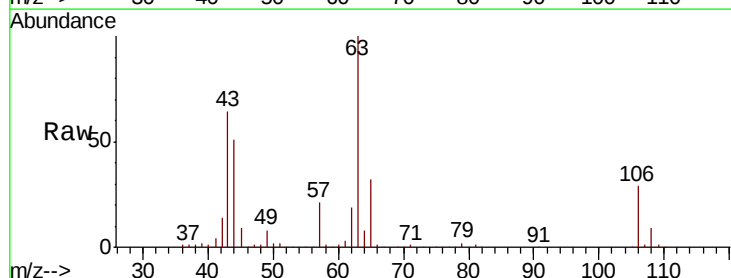
Acq: 09 Oct 2019 20:01

Tgt Ion: 63 Resp: 364762

Ion Ratio Lower Upper

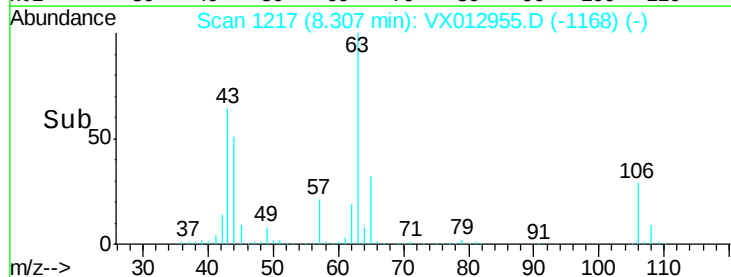
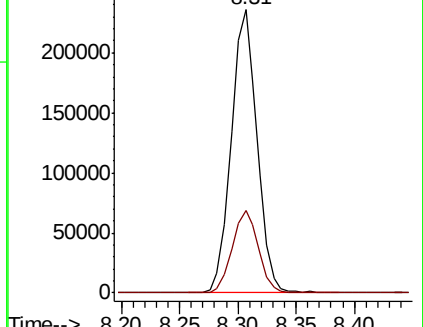
63 100

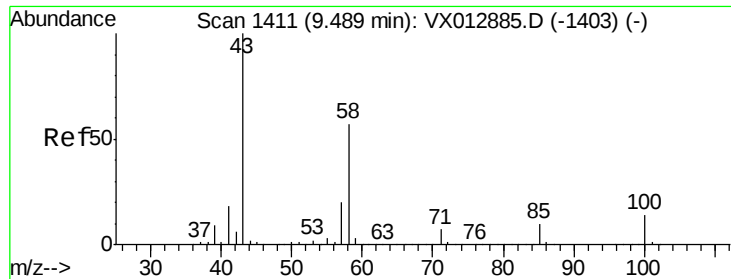
106 29.4 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





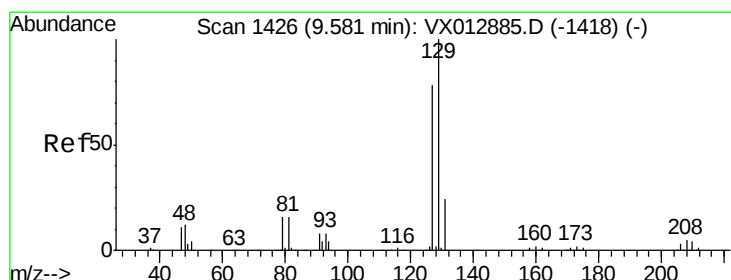
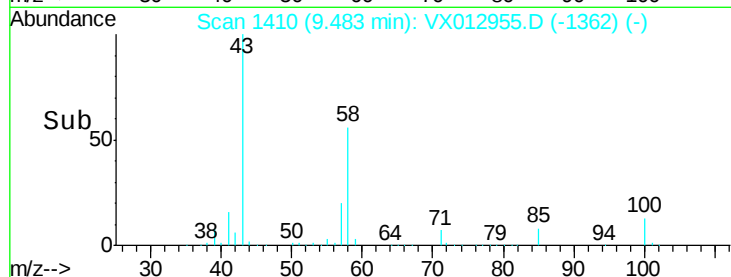
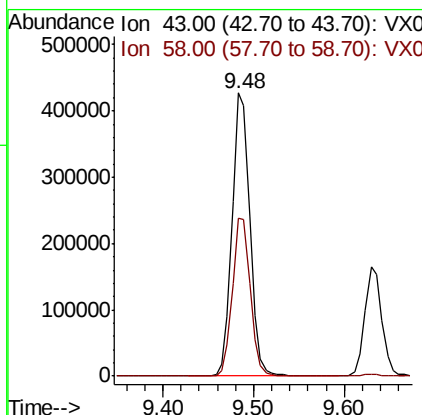
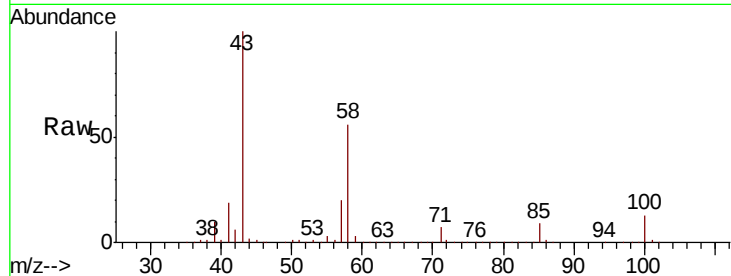
#59
2-Hexanone
Concen: 259.378 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.5	28.1	84.3

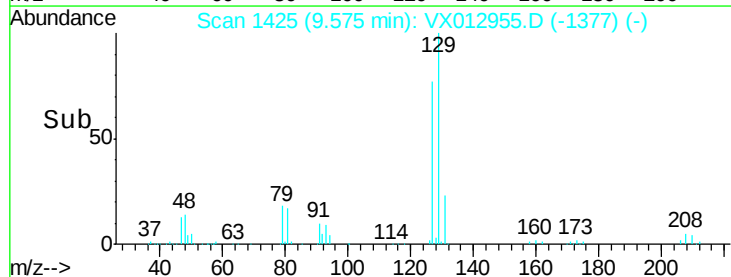
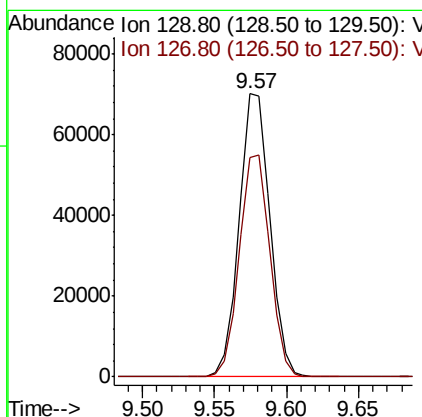
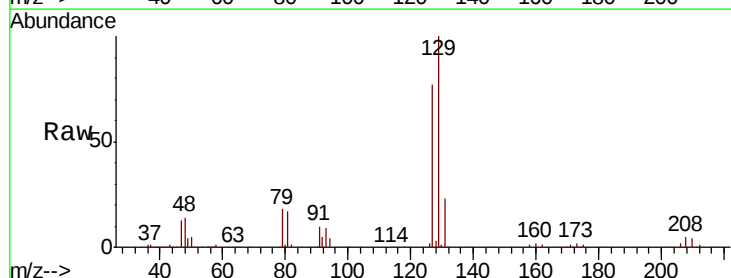
Manual Integrations
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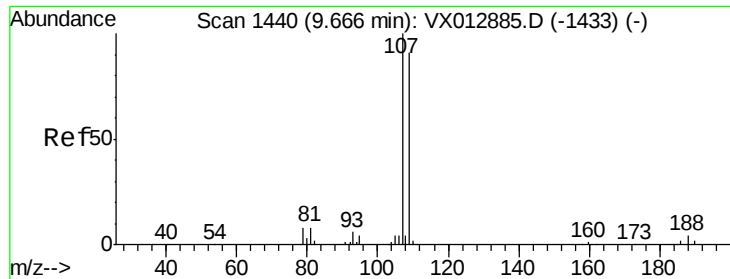
MMDadoda
10/10/2019 9:33:19 AM



#60
Dibromochloromethane
Concen: 48.545 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.9	38.9	116.7





#61

1,2-Dibromoethane

Concen: 52.098 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 105607

Ion Ratio Lower Upper

107 100

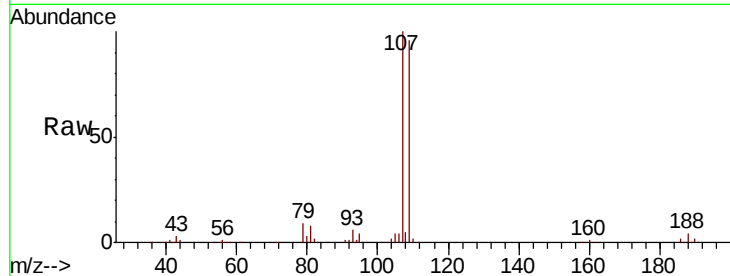
109 95.2 75.8 113.6

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

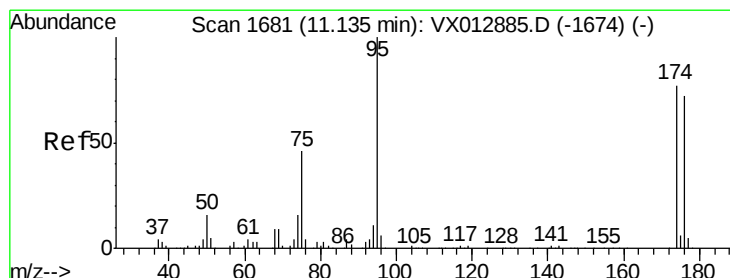
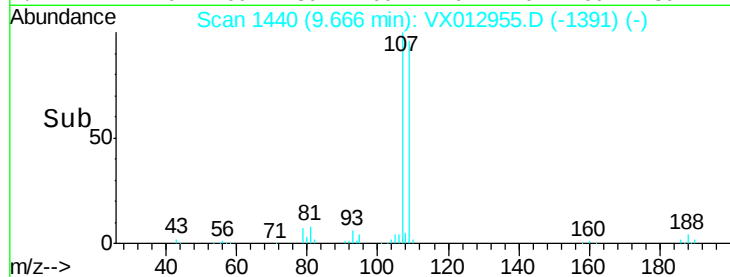
40000

20000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 49.769 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

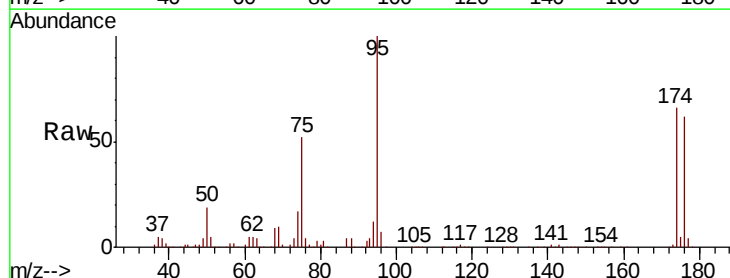
Tgt Ion: 95 Resp: 126881

Ion Ratio Lower Upper

95 100

174 71.7 0.0 143.4

176 69.3 0.0 136.0



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

11.13

120000

100000

80000

60000

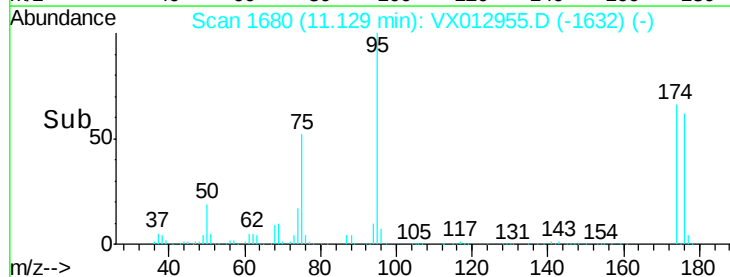
40000

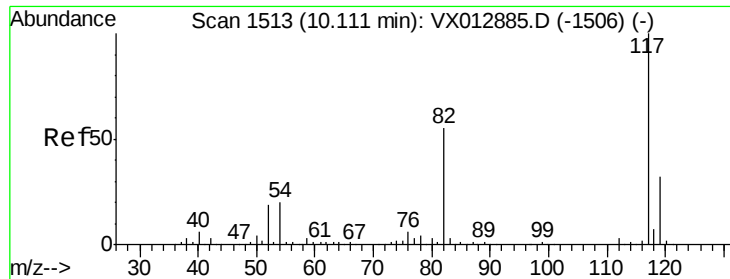
20000

0

11.05 11.10 11.15 11.20

Time-->





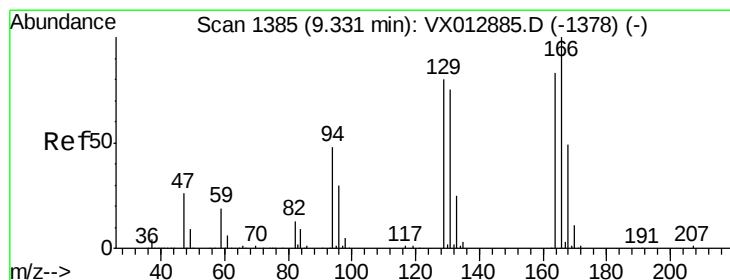
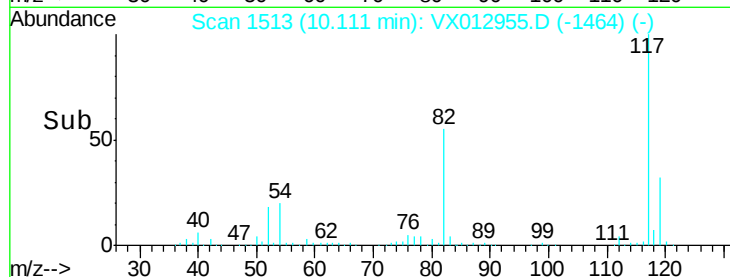
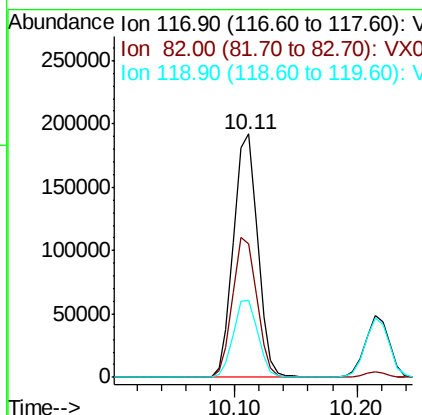
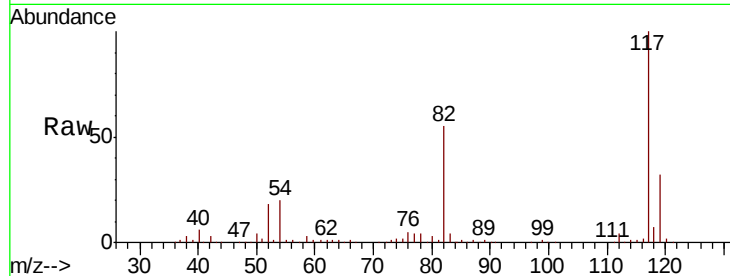
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.1	66.1
119	31.7	25.8	38.8

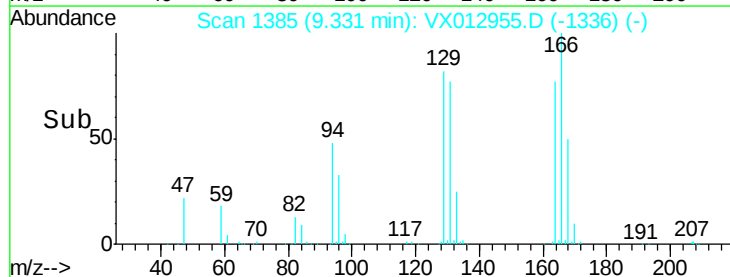
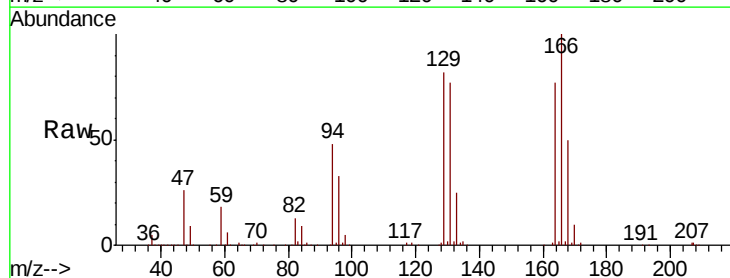
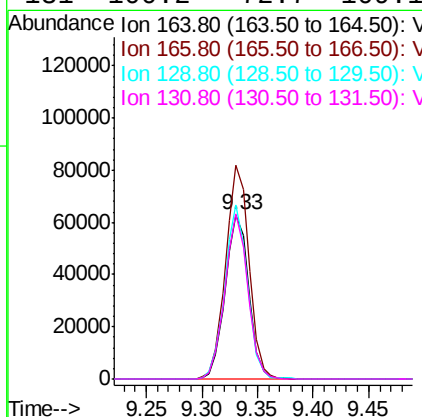
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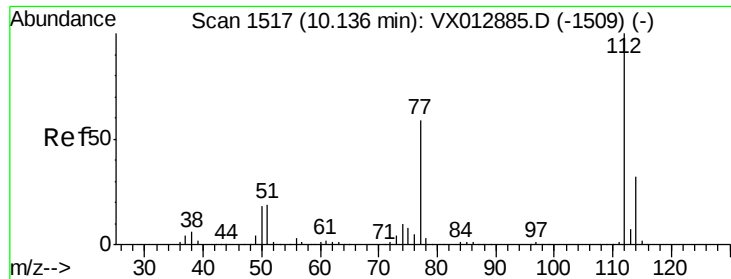
MMDadoda
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#64
Tetrachloroethene
Concen: 50.438 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.9	96.9	145.3
129	106.1	77.9	116.9
131	100.2	72.7	109.1





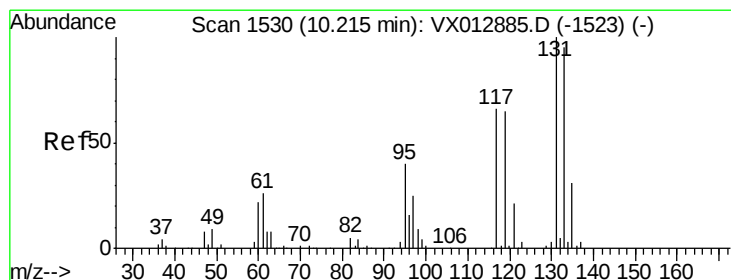
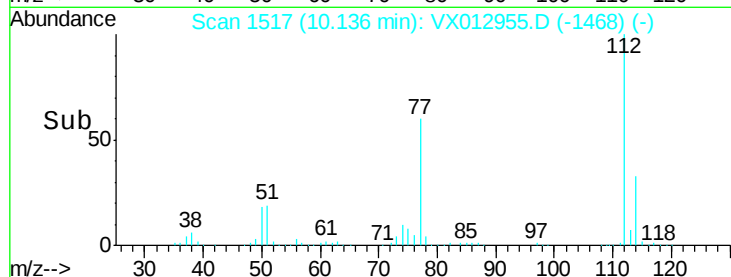
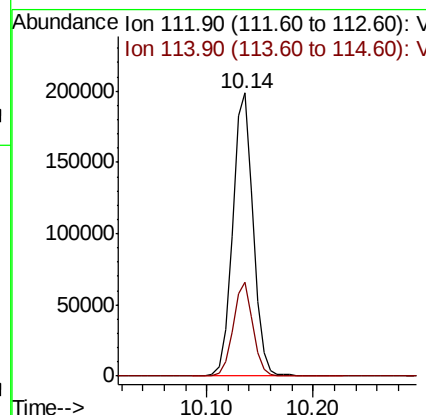
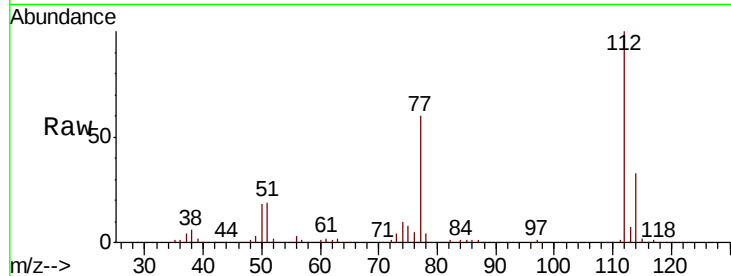
#65
Chlorobenzene
Concen: 51.243 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 267286
Ion Ratio Lower Upper
112 100
114 33.0 25.7 38.5

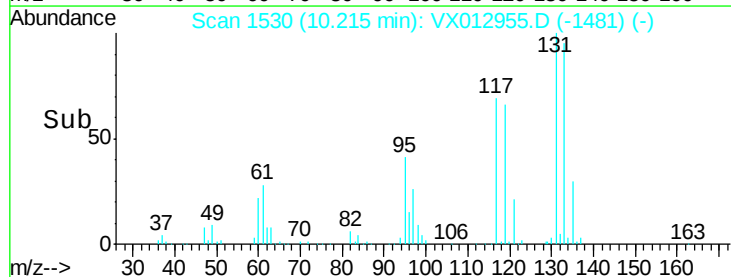
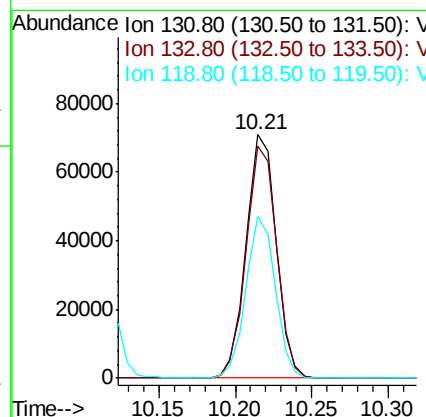
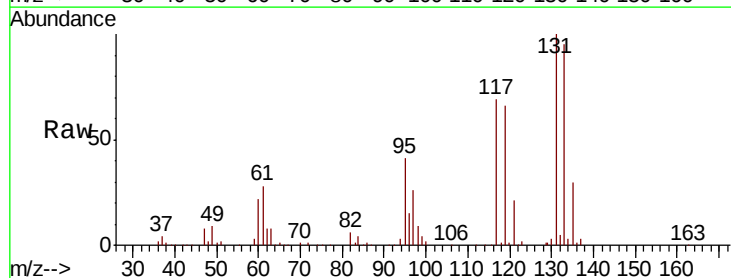
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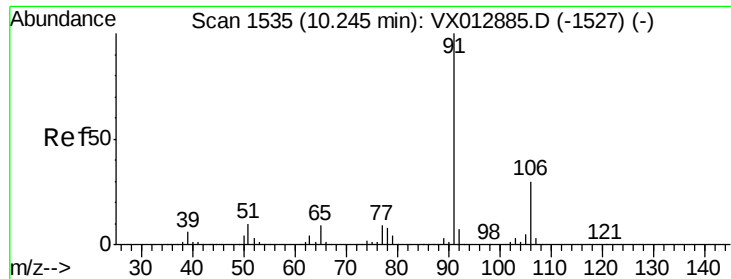
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.530 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Tgt Ion:131 Resp: 96811
Ion Ratio Lower Upper
131 100
133 96.7 47.2 141.6
119 65.7 32.6 98.0





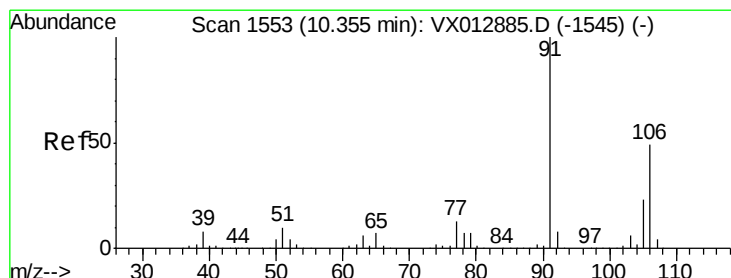
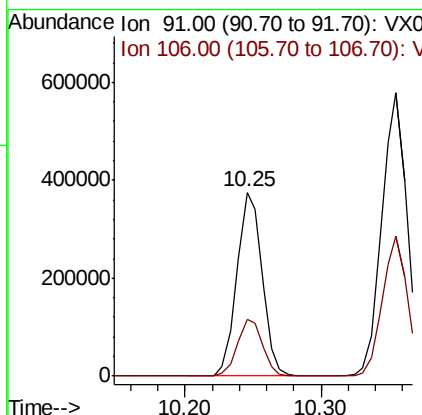
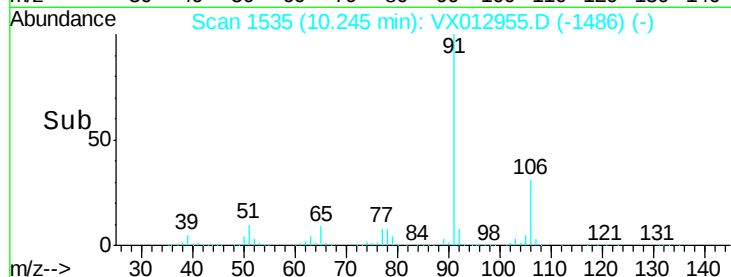
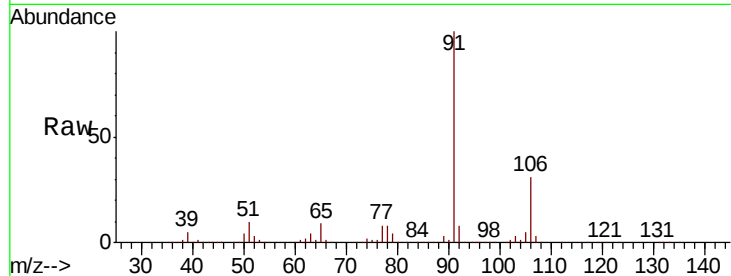
#67
Ethyl Benzene
Concen: 52.486 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 486294
Ion Ratio Lower Upper
91 100
106 30.8 23.9 35.9

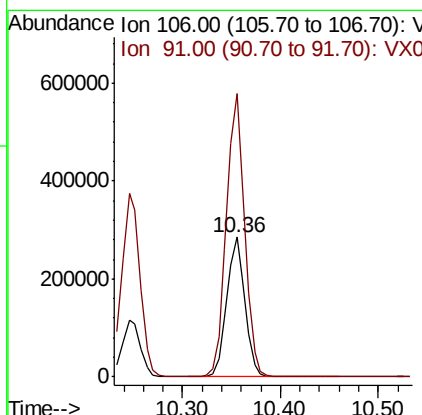
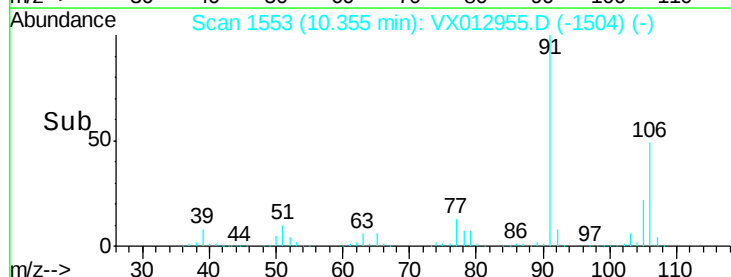
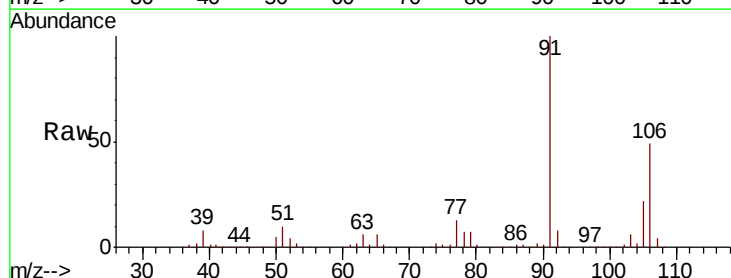
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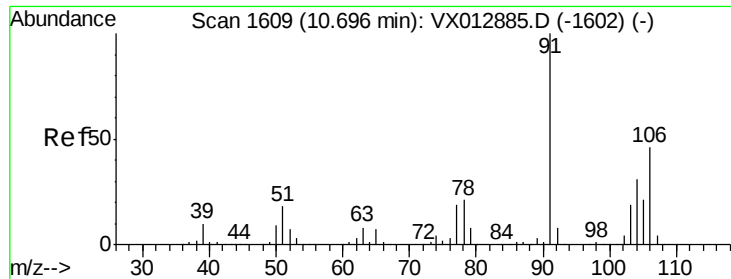
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#68
m/p-Xylenes
Concen: 106.088 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Tgt Ion: 106 Resp: 367207
Ion Ratio Lower Upper
106 100
91 204.8 165.3 247.9





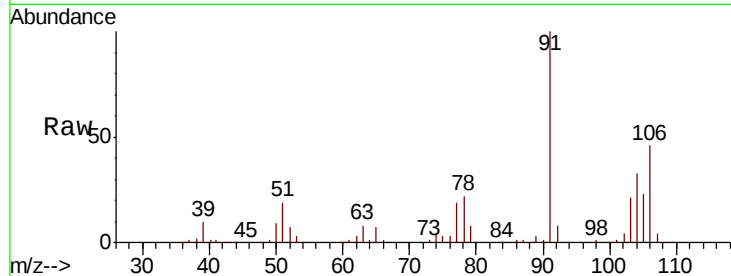
#69
o-Xylene
Concen: 52.559 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

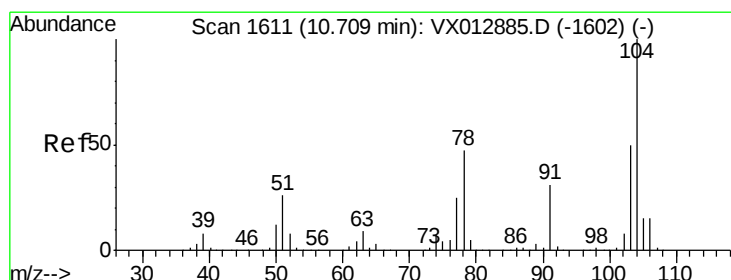
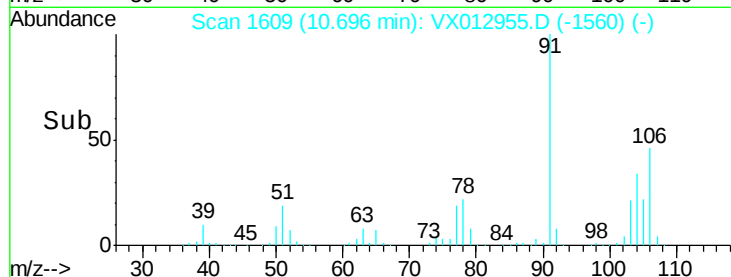
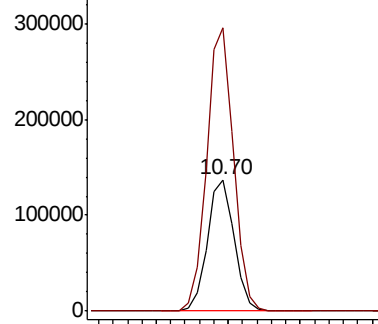
Tot Ion:106 Resp: 177410
Ion Ratio Lower Upper
106 100
91 216.4 109.1 327.3

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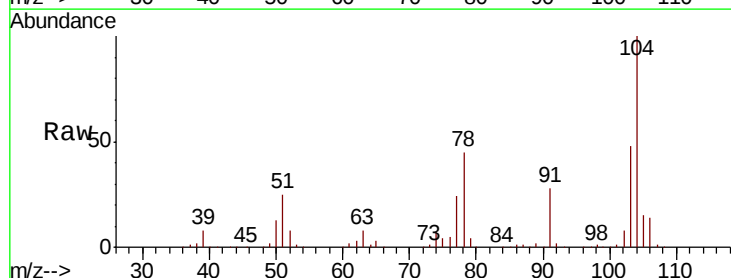


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

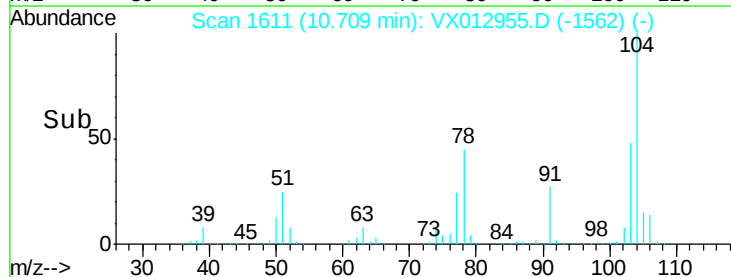
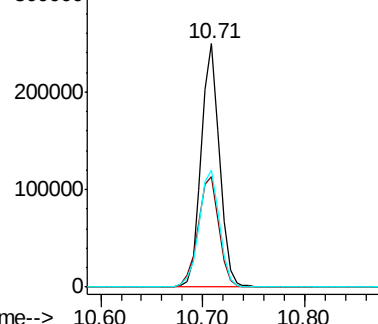


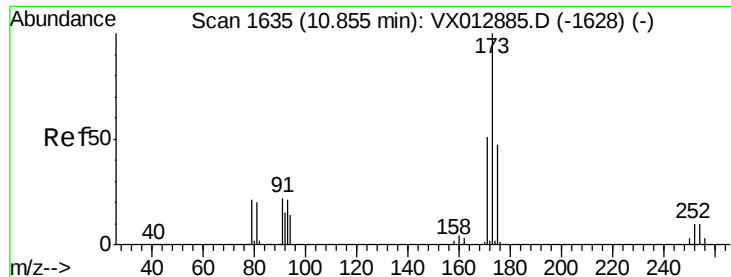
#70
Styrene
Concen: 53.664 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Tgt Ion:104 Resp: 307939
Ion Ratio Lower Upper
104 100
78 52.0 41.2 61.8
103 53.6 43.0 64.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 46.624 ug/l

RT: 10.86 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 71485

Ion Ratio Lower Upper

173 100

175 47.8 24.1 72.3

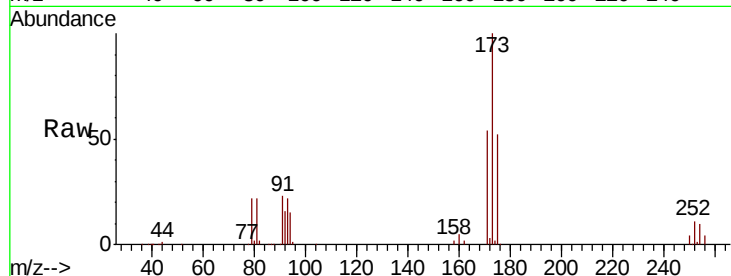
254 0.0 0.1 0.1#

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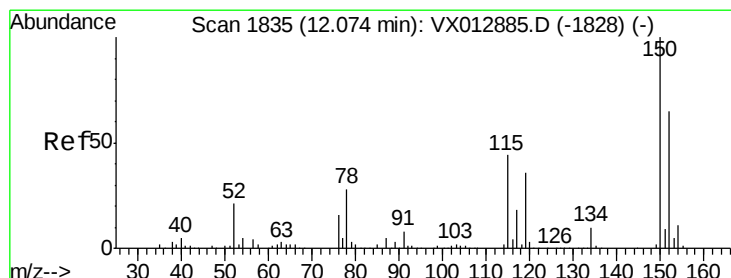
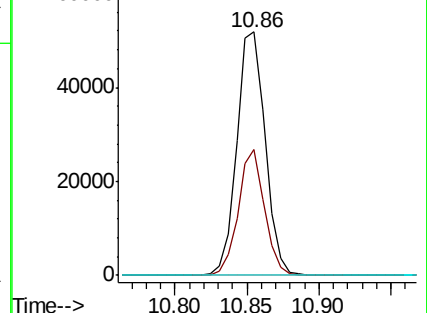
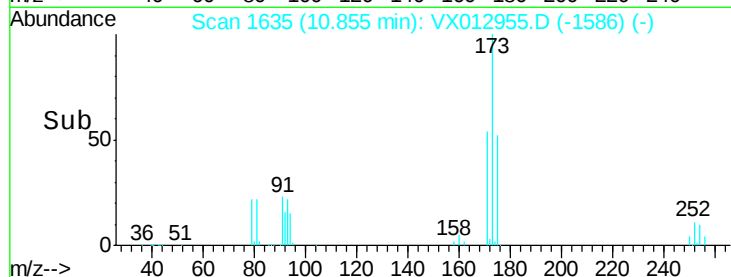
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VX012955.D

Acq: 09 Oct 2019 20:01

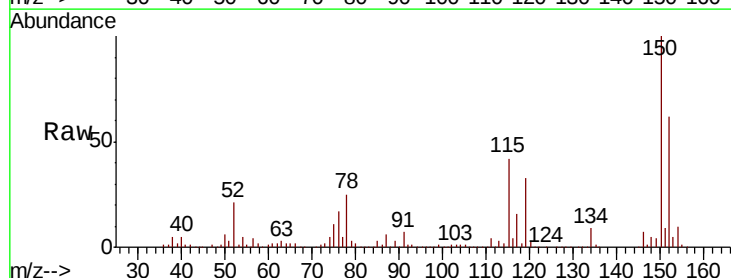
Tgt Ion:152 Resp: 122261

Ion Ratio Lower Upper

152 100

115 89.4 44.5 133.5

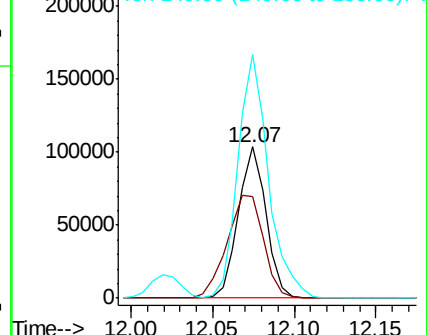
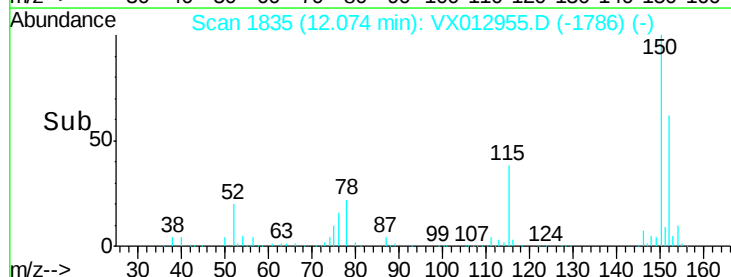
150 177.3 0.0 353.4

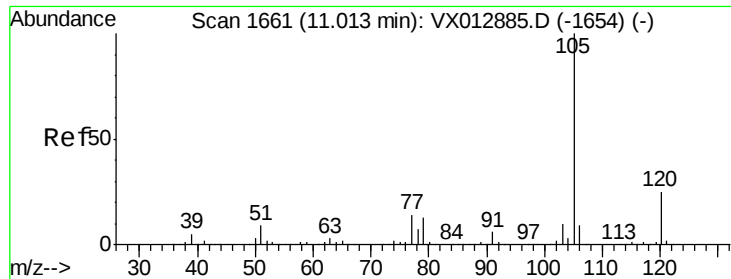


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.937 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 475841

Ion Ratio Lower Upper

105 100

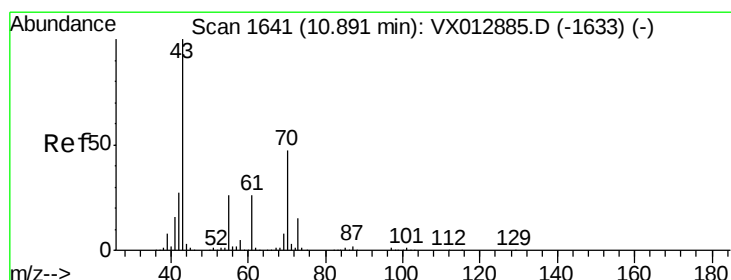
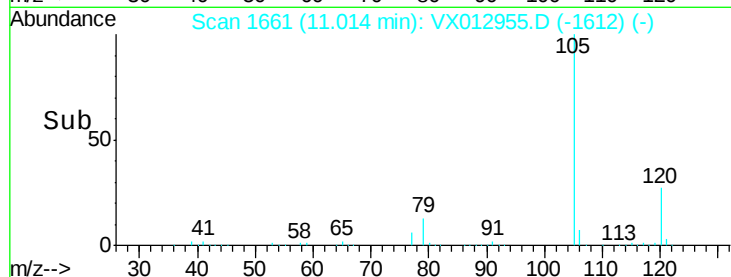
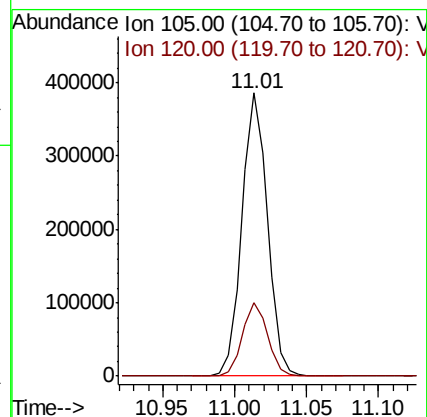
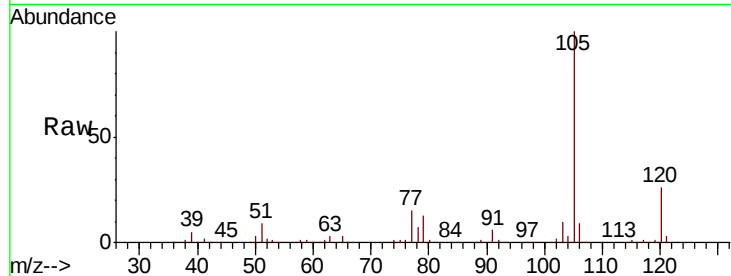
120 25.7 13.0 39.0

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#74

N-ethyl acetate

Concen: 54.501 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Tgt Ion: 43 Resp: 210989

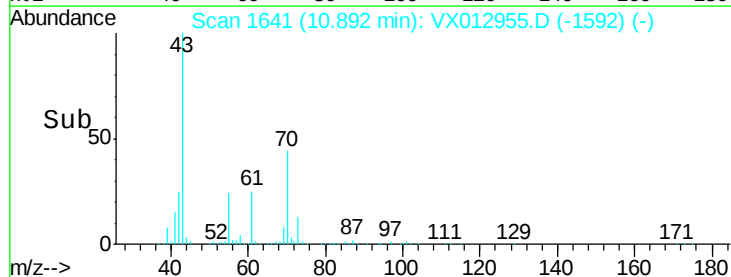
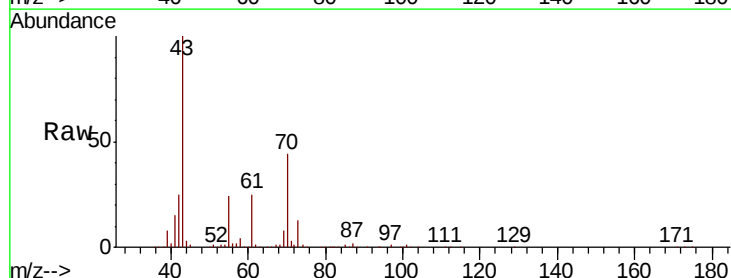
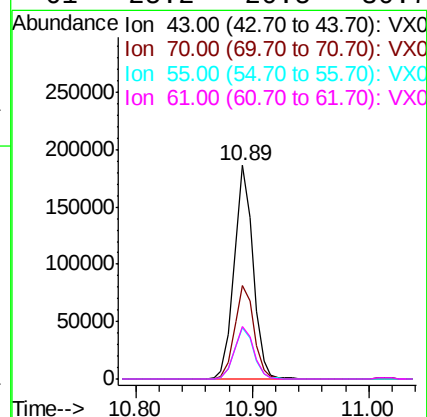
Ion Ratio Lower Upper

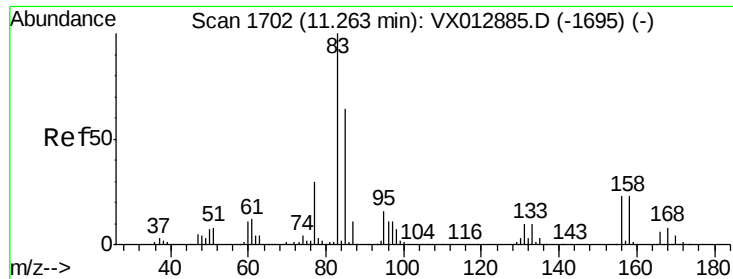
43 100

70 45.0 36.4 54.6

55 24.8 20.2 30.2

61 25.2 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 52.268 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA_X

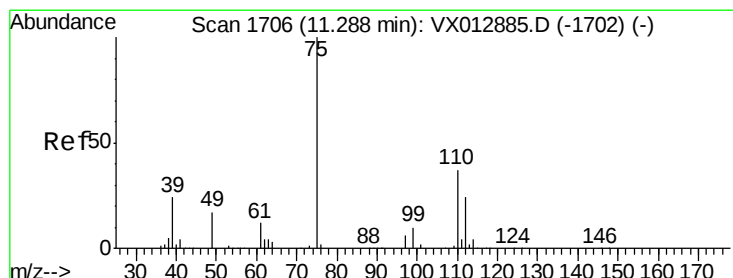
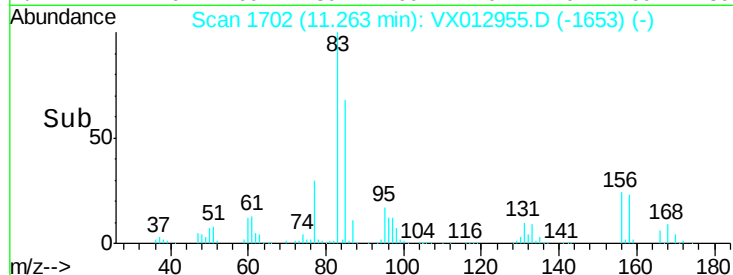
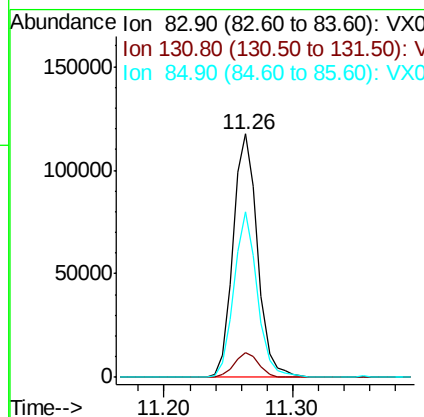
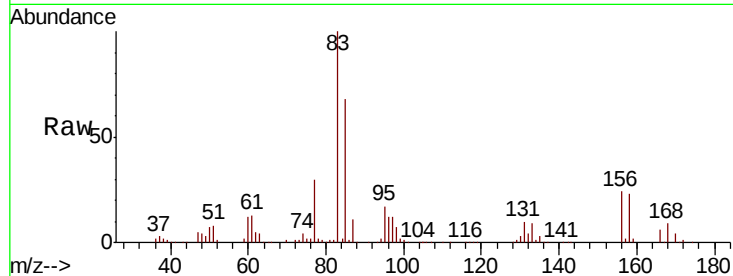
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	156267
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.3
85	65.3	32.1	96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.049 ug/l m

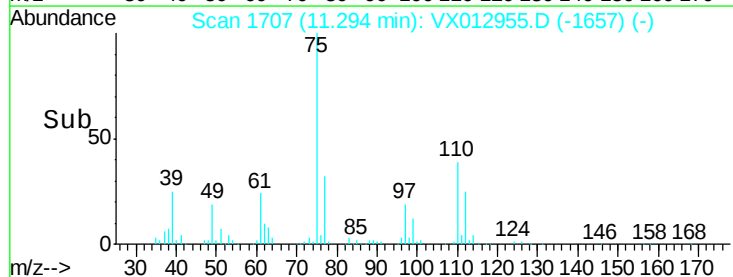
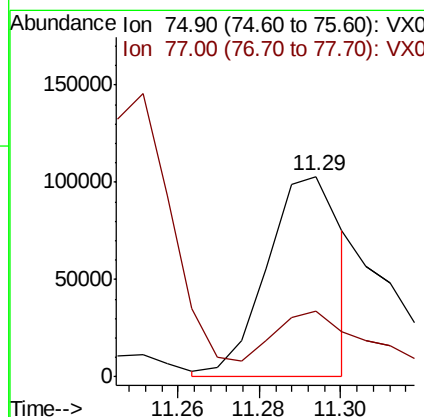
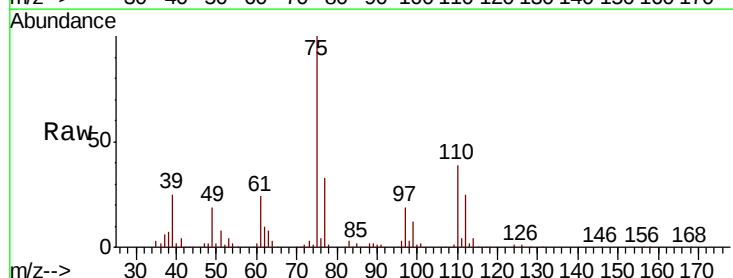
RT: 11.29 min Scan# 1707

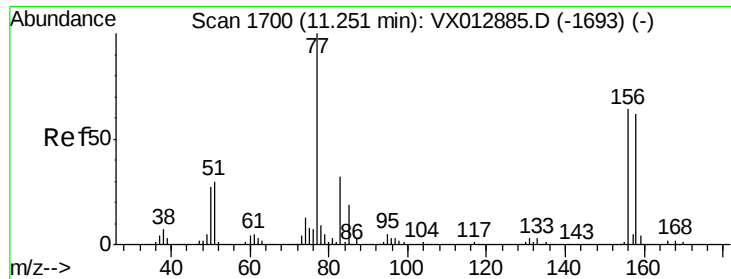
Delta R.T. 0.01 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Tgt Ion:	75	Resp:	130296
Ion Ratio	Lower	Upper	
75	100		
77	43.5	22.9	68.8





#77

Bromobenzene

Concen: 51.995 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA_X

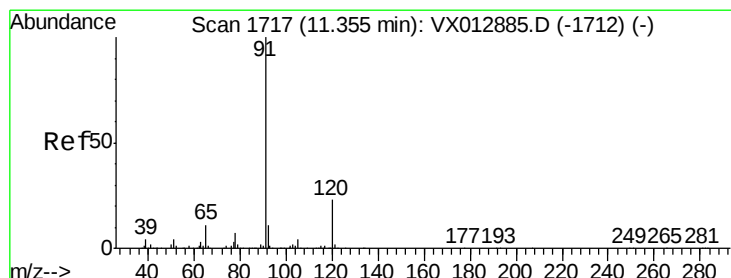
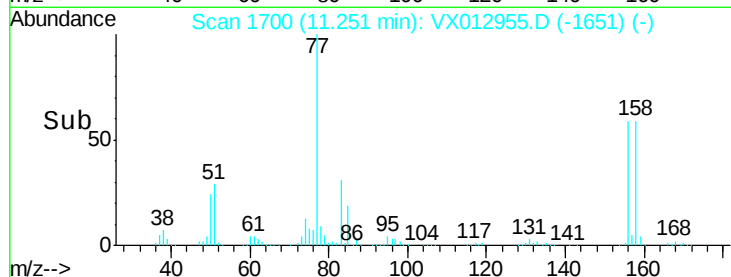
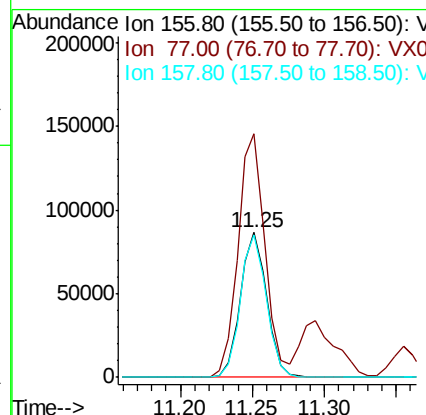
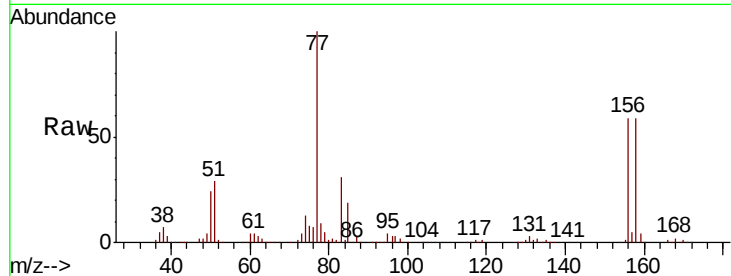
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100				
77	173.2	83.7	251.0		
158	97.1	48.6	145.9		

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#78

n-propylbenzene

Concen: 53.923 ug/l

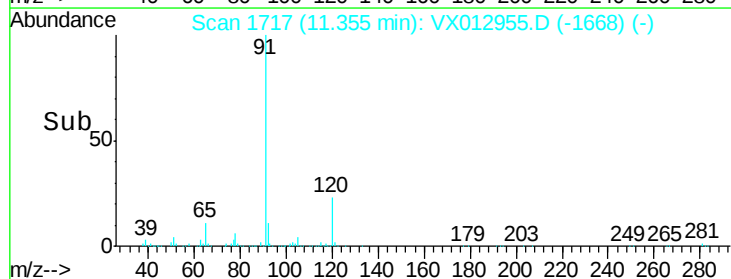
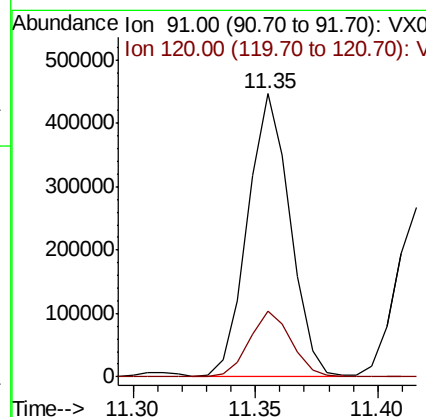
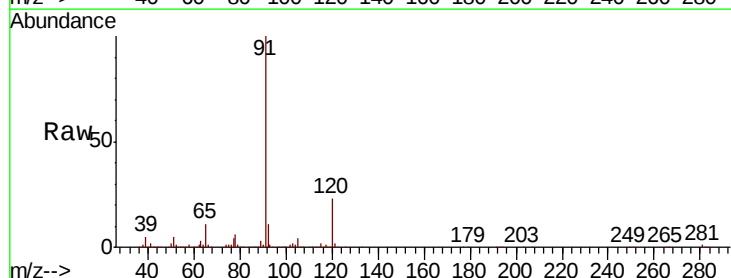
RT: 11.35 min Scan# 1717

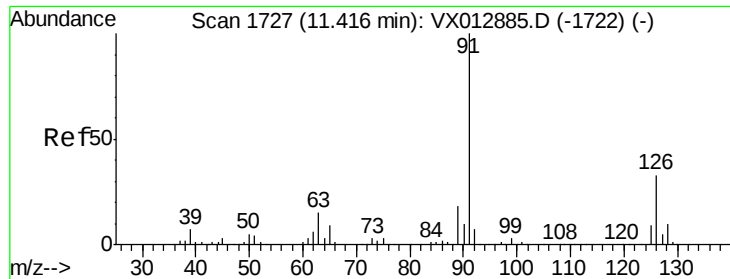
Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
120	23.0	11.7	35.1		





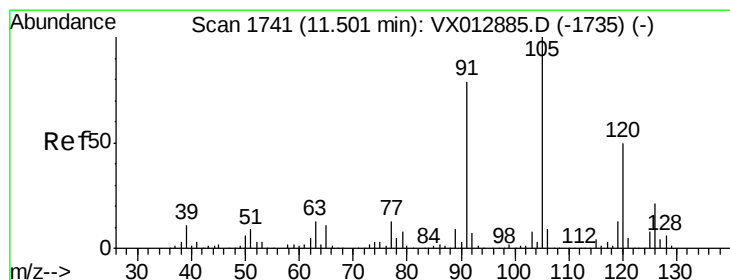
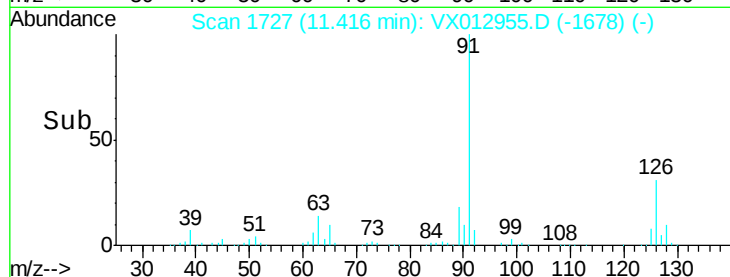
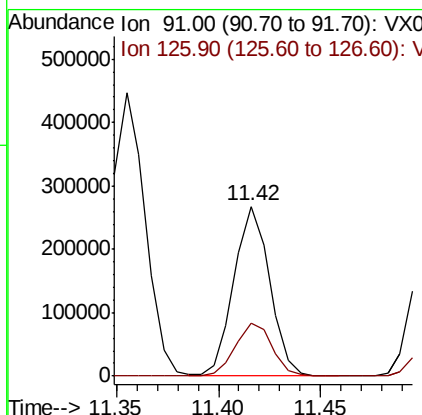
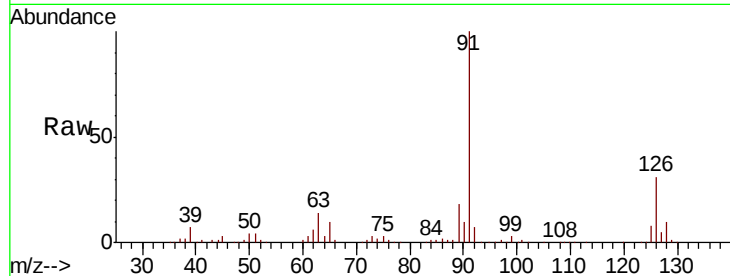
#79
 2-Chlorotoluene
 Concen: 52.280 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012955.D
 Acq: 09 Oct 2019 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 324986
 Ion Ratio Lower Upper
 91 100
 126 32.4 16.3 48.8

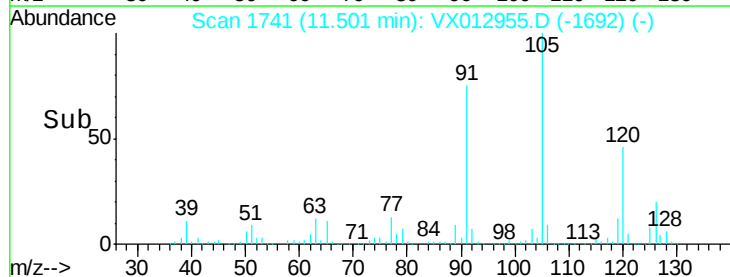
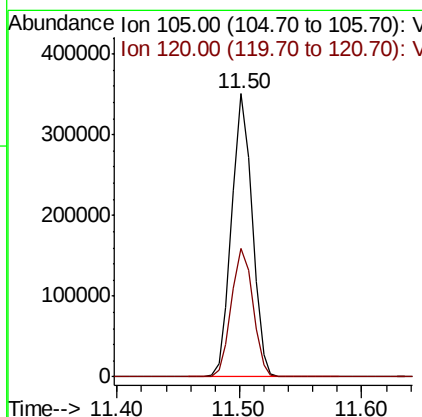
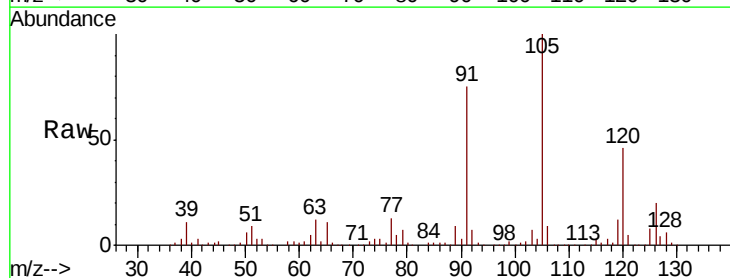
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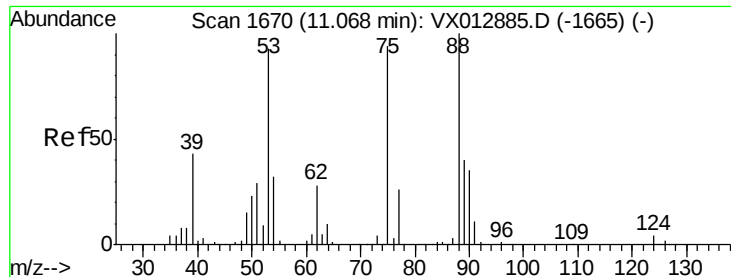
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#80
 1,3,5-Trimethylbenzene
 Concen: 54.060 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012955.D
 Acq: 09 Oct 2019 20:01

Tgt Ion: 105 Resp: 405761
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 46.900 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA_X

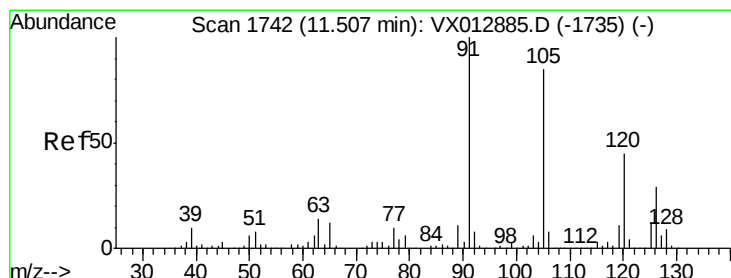
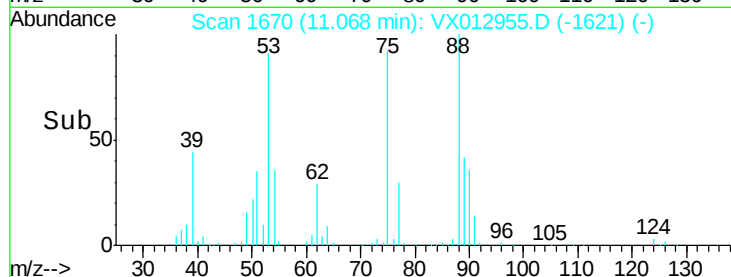
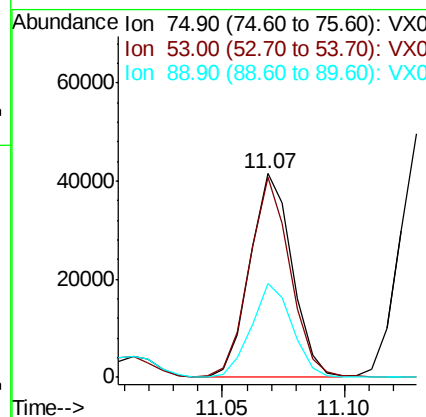
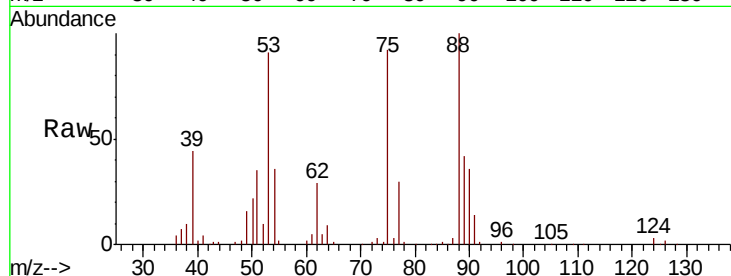
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	49167
Ion Ratio	Lower	Upper	
75	100		
53	96.7	78.5	117.7
89	45.5	37.4	56.2

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#82

4-Chlorotoluene

Concen: 53.333 ug/l

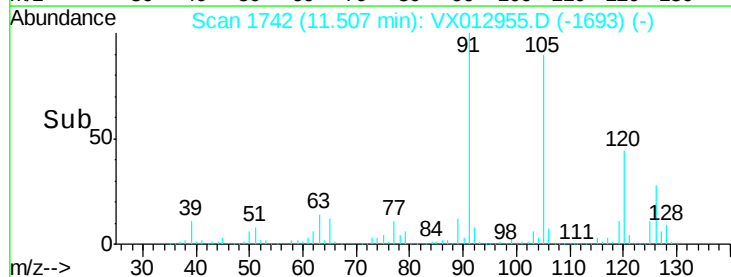
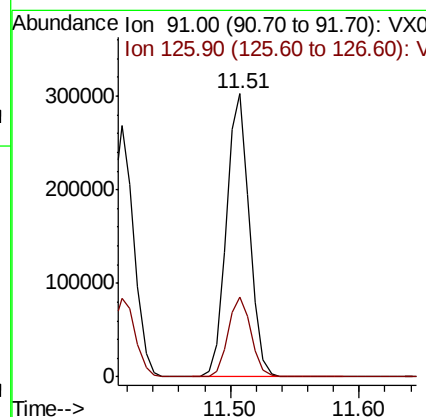
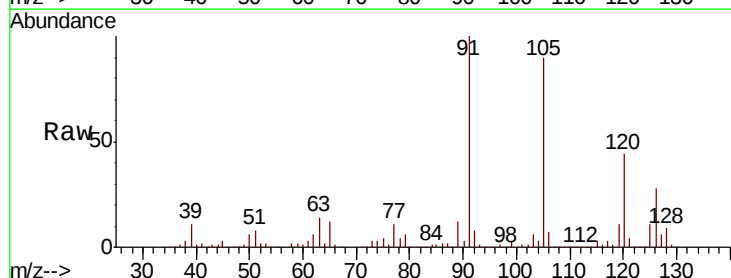
RT: 11.51 min Scan# 1742

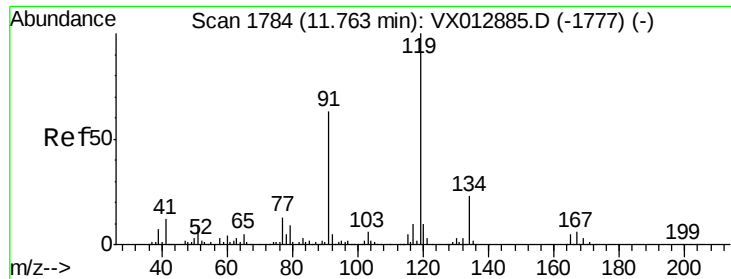
Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Tgt Ion:	91	Resp:	379995
Ion Ratio	Lower	Upper	
91	100		
126	28.3	14.2	42.6





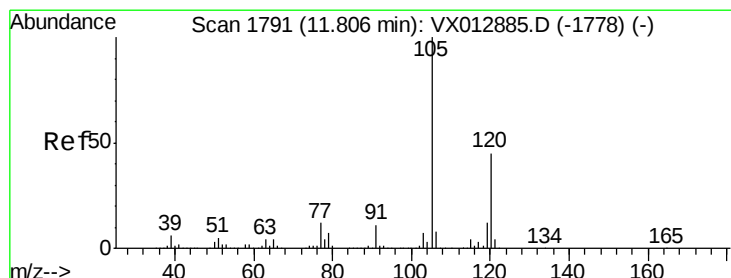
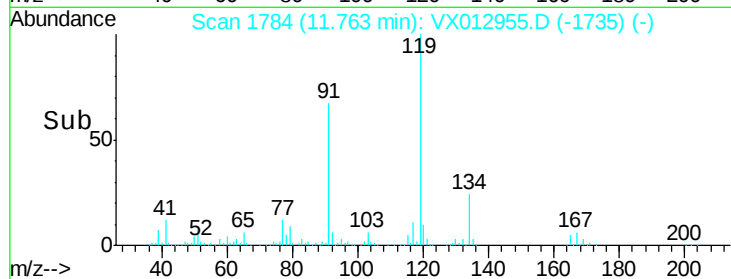
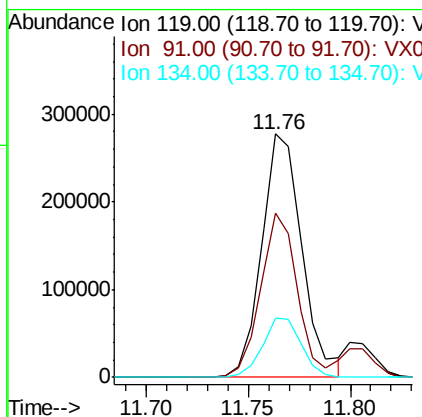
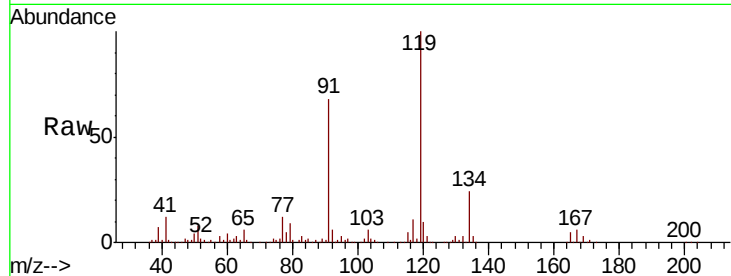
#83
tert-Butylbenzene
Concen: 52.108 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.2	29.3	87.9
134	23.4	11.5	34.4

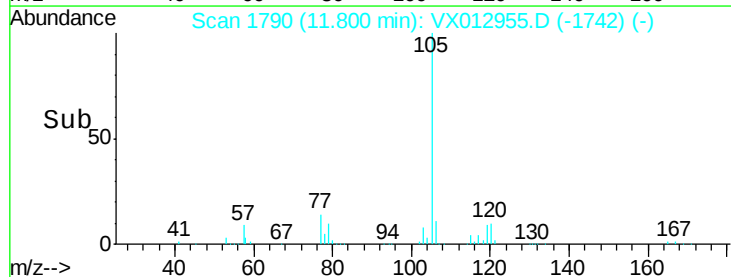
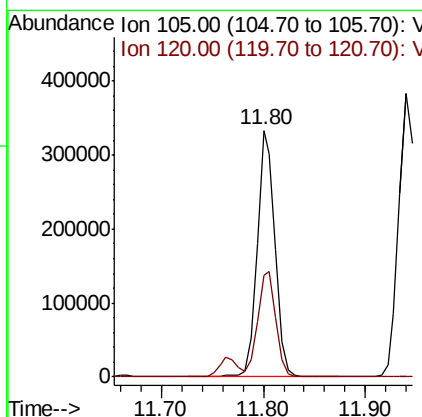
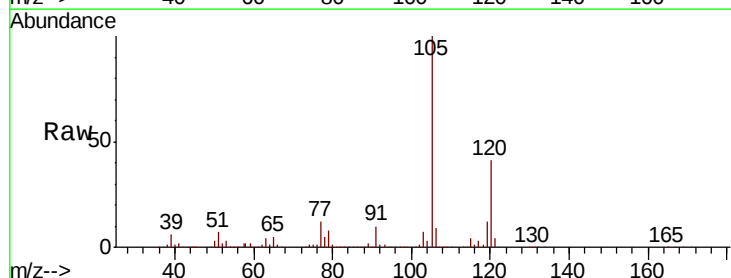
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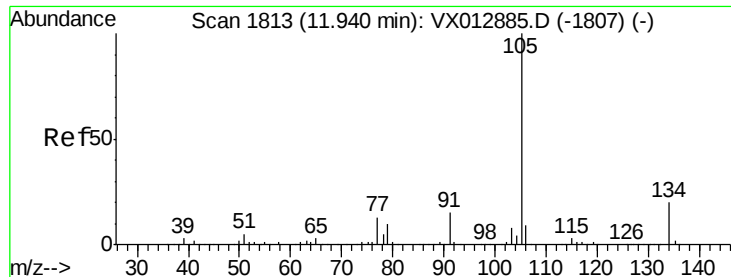
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#84
1,2,4-Trimethylbenzene
Concen: 53.778 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.8	21.8	65.3





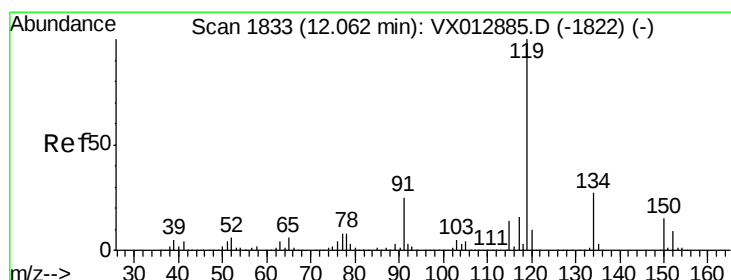
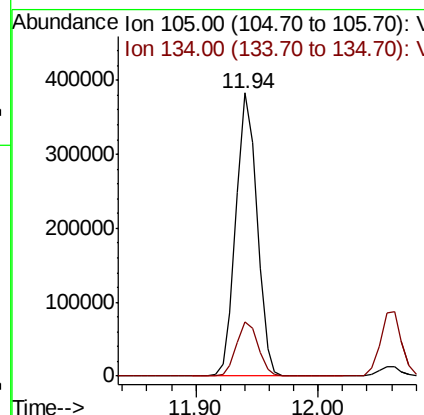
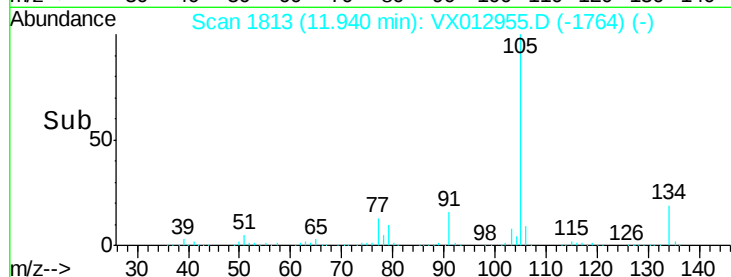
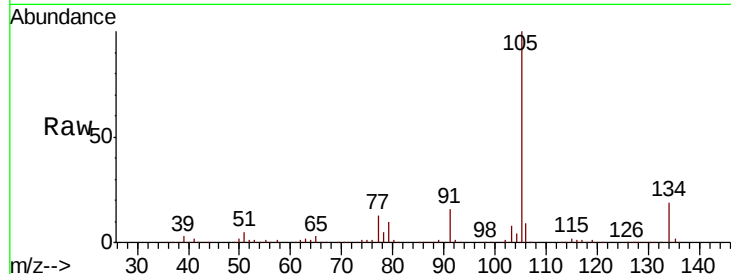
#85
 sec-Butylbenzene
 Concen: 53.604 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012955.D
 Acq: 09 Oct 2019 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 454697
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.0 30.0

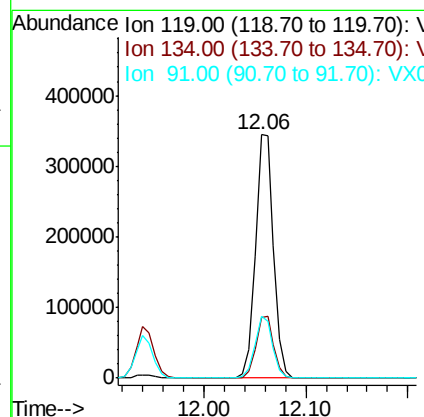
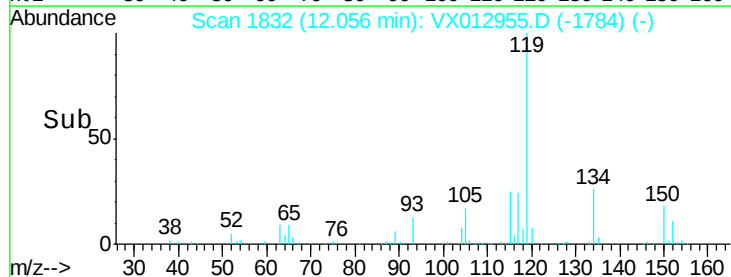
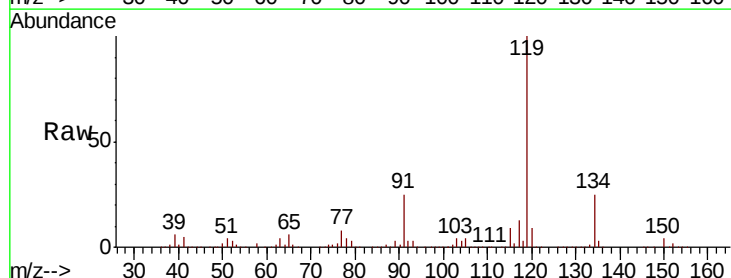
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#86
 p-Isopropyltoluene
 Concen: 54.102 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX012955.D
 Acq: 09 Oct 2019 20:01

Tgt Ion:119 Resp: 425624
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.6 37.8
 91 24.6 12.4 37.4





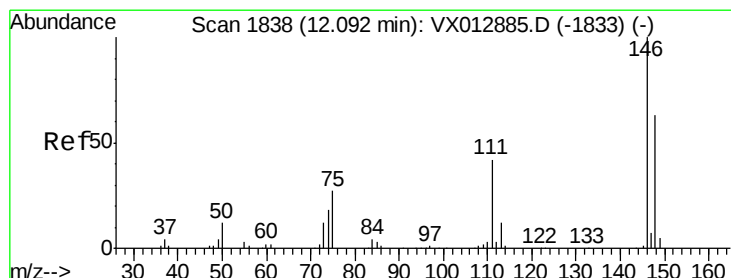
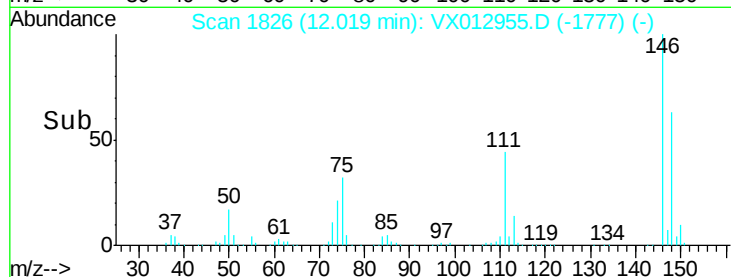
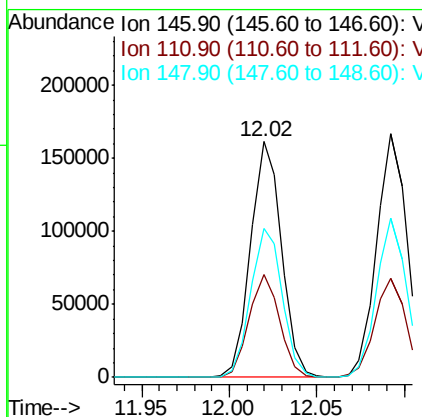
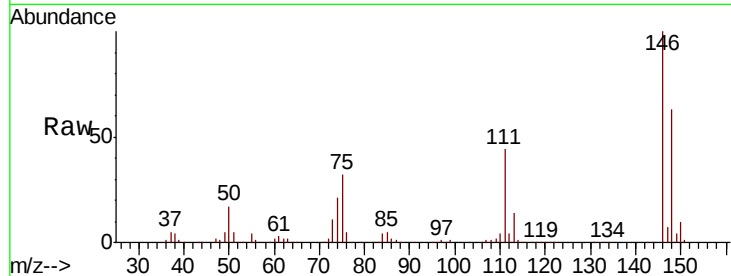
#87
 1,3-Dichlorobenzene
 Concen: 50.783 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012955.D
 Acq: 09 Oct 2019 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.1	63.4
148	64.7	31.6	95.0

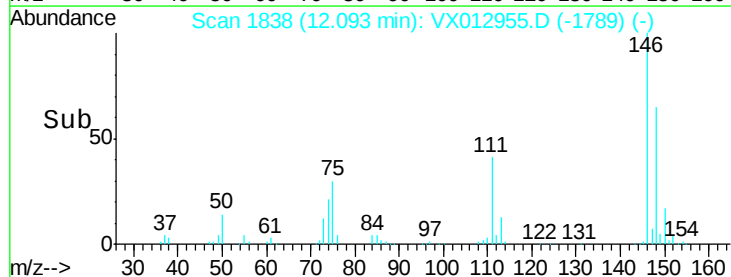
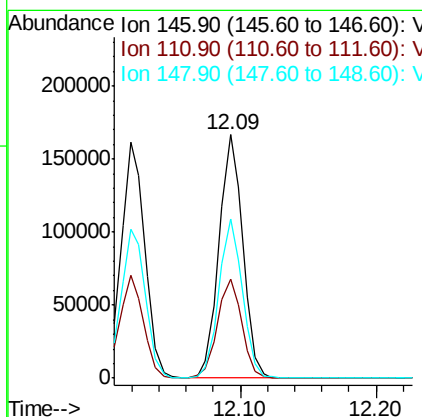
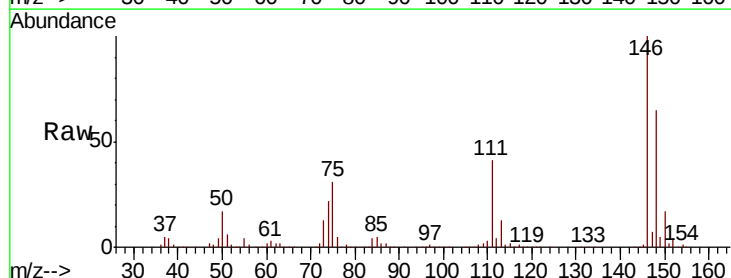
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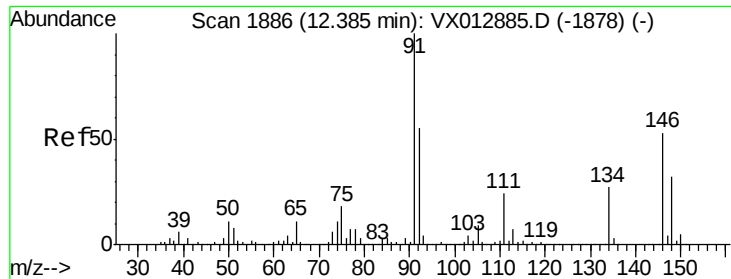
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#88
 1,4-Dichlorobenzene
 Concen: 50.714 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012955.D
 Acq: 09 Oct 2019 20:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.4	64.3
148	64.8	32.1	96.5





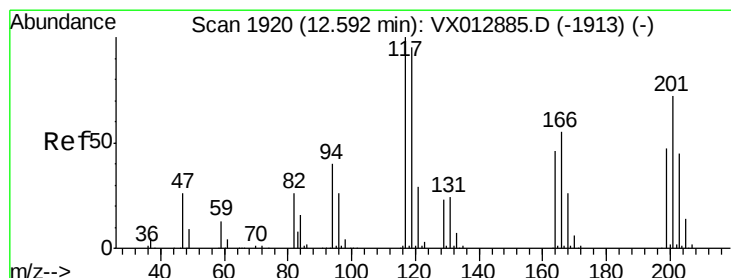
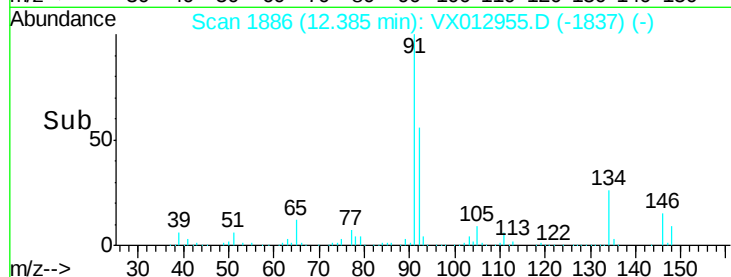
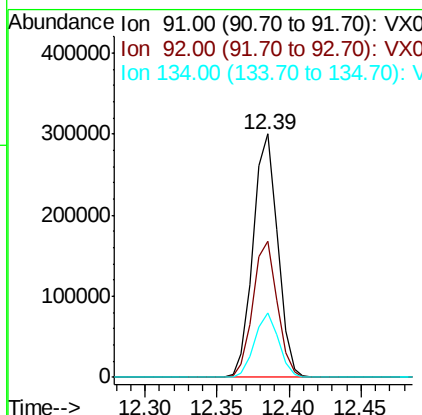
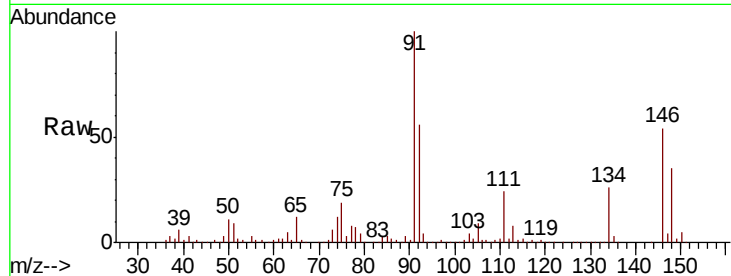
#89
n-Butylbenzene
Concen: 53.244 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.5	27.5	82.5
134	25.7	12.9	38.7

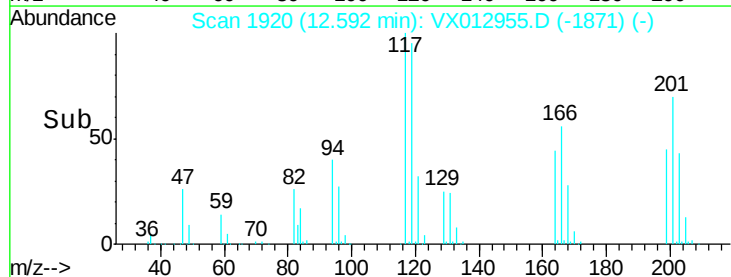
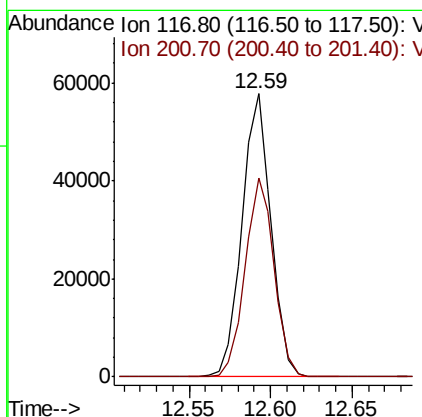
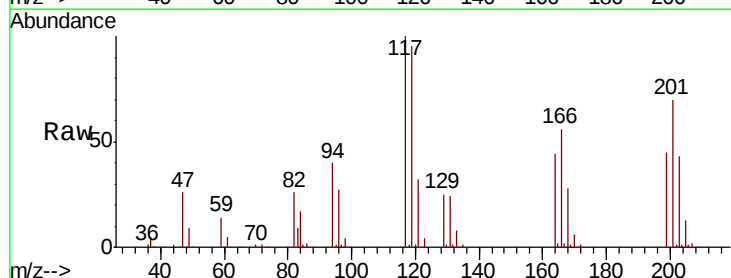
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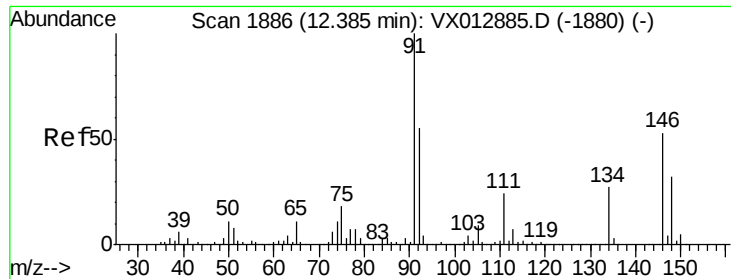
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#90
Hexachloroethane
Concen: 49.063 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012955.D
Acq: 09 Oct 2019 20:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.5	36.9	110.7





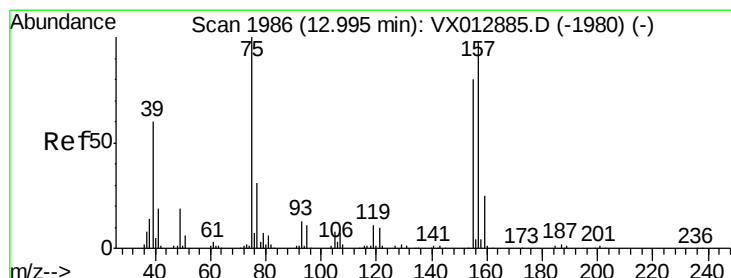
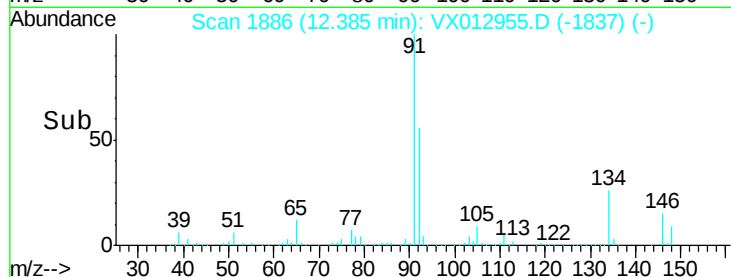
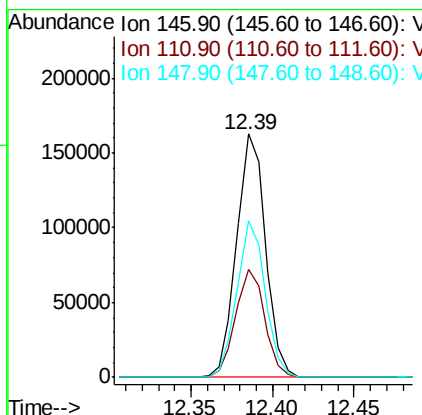
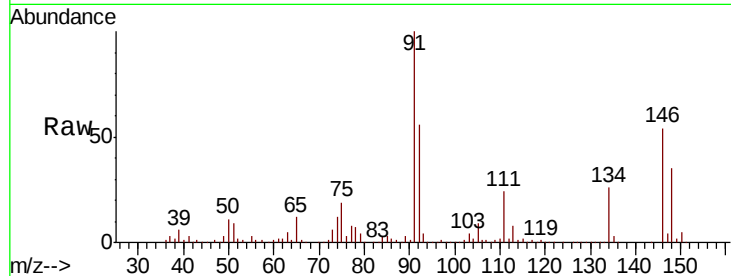
#91
 1,2-Dichlorobenzene
 Concen: 52.390 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012955.D
 Acq: 09 Oct 2019 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.5	22.7	68.0
148	63.0	31.6	94.7

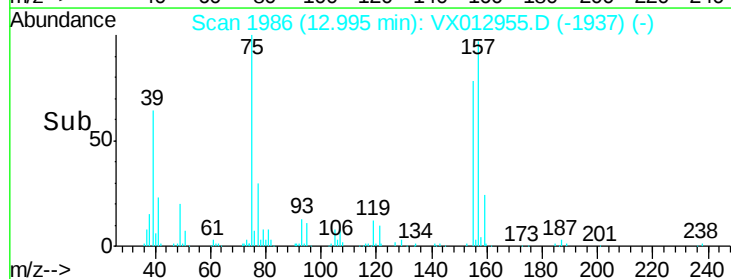
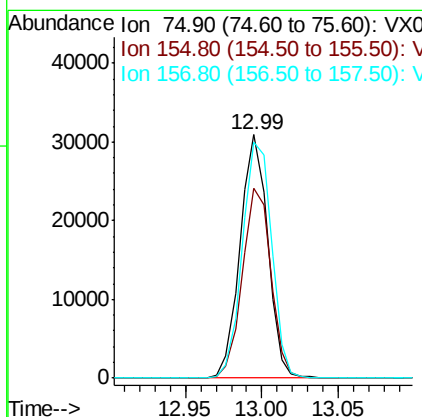
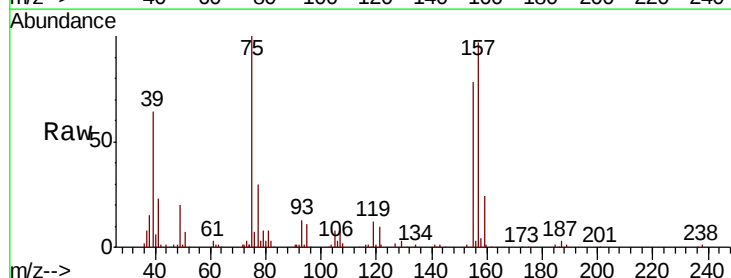
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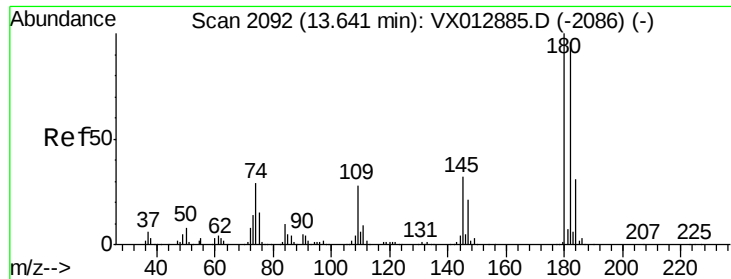
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.320 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012955.D
 Acq: 09 Oct 2019 20:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.6	43.0	128.8
157	102.8	54.1	162.3





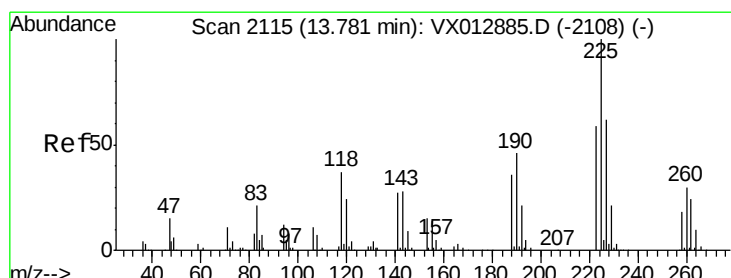
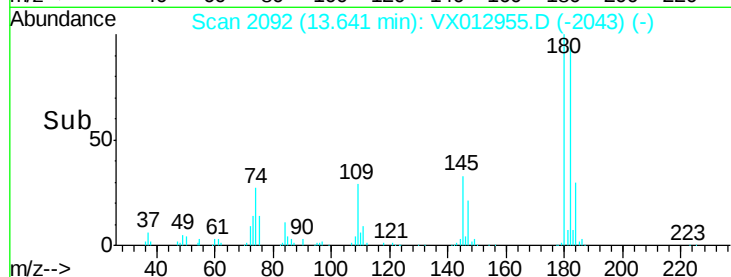
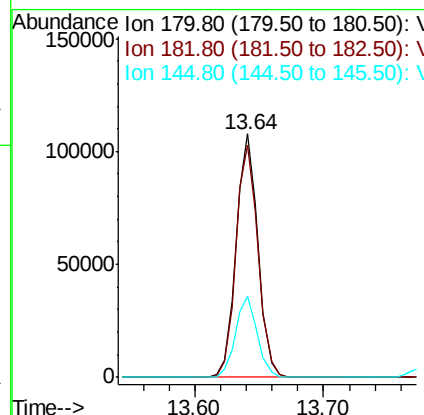
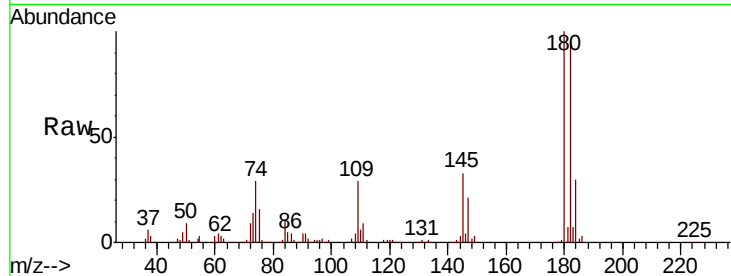
#93
 1,2,4-Trichlorobenzene
 Concen: 52.679 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012955.D
 Acq: 09 Oct 2019 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	127253		
182	96.6	46.8	140.4	
145	33.1	16.2	48.6	

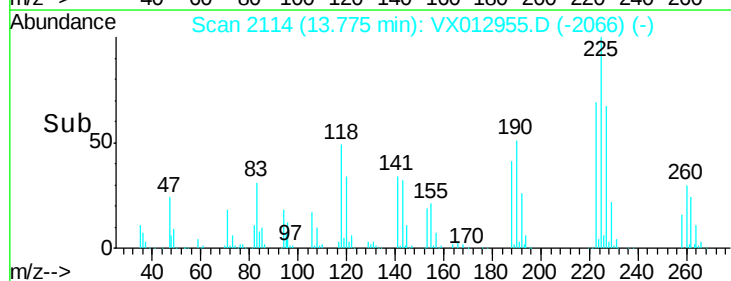
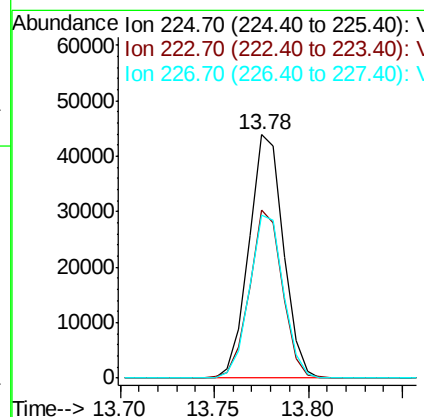
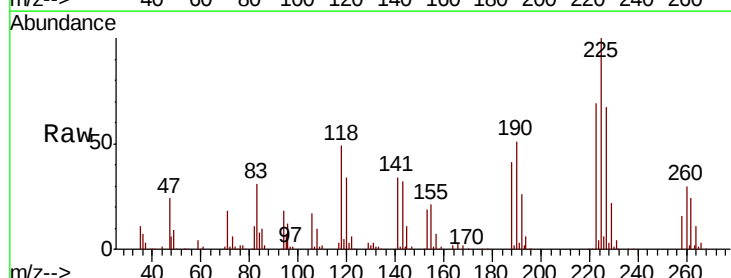
Manual Integrations
 APPROVED

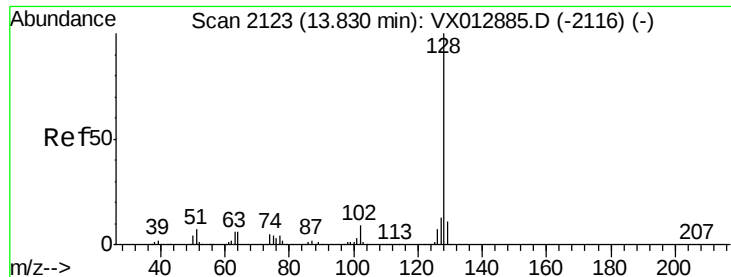
MMDadoda
 10/10/2019 9:33:19 AM



#94
 Hexachlorobutadiene
 Concen: 49.788 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012955.D
 Acq: 09 Oct 2019 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	55505		
223	65.7	31.1	93.2	
227	65.8	32.3	96.9	





#95

Naphthalene

Concen: 55.622 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Instrument :

MSVOA_X

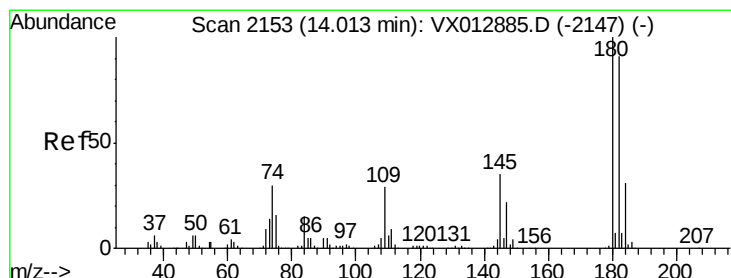
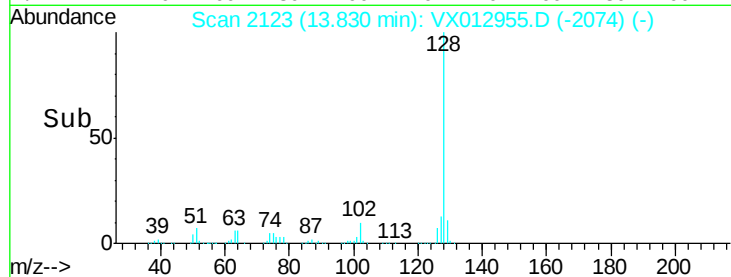
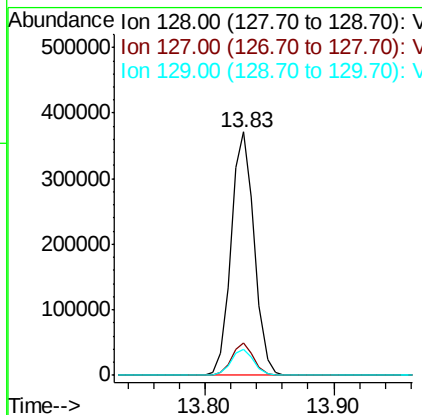
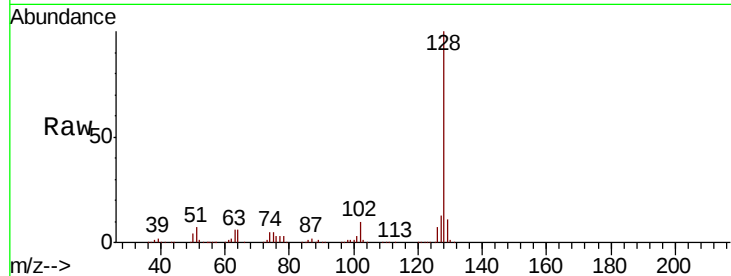
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	465770
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.7	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
10/10/2019 9:33:19 AM



#96

1,2,3-Trichlorobenzene

Concen: 52.187 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX012955.D

Acq: 09 Oct 2019 20:01

Tgt Ion:	180	Resp:	130276
Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.5	142.5
145	36.1	17.4	52.3

