

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041520\
 Data File : VX015685.D
 Acq On : 15 Apr 2020 16:00
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 16 05:52:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1027142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1548248	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1436186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	785334	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	648185	44.74	ug/l	0.00
Spiked Amount			Recovery	=	89.48%	
35) Dibromofluoromethane	5.47	113	498995	50.42	ug/l	0.00
Spiked Amount			Recovery	=	100.84%	
50) Toluene-d8	8.70	98	1832644	50.30	ug/l	0.00
Spiked Amount			Recovery	=	100.60%	
62) 4-Bromofluorobenzene	11.12	95	733012	49.50	ug/l	0.00
Spiked Amount			Recovery	=	99.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	390238	43.124	ug/l	100
3) Chloromethane	1.31	50	471449	40.909	ug/l	99
4) Vinyl Chloride	1.39	62	498098	47.071	ug/l	98
5) Bromomethane	1.62	94	249177	51.293	ug/l	98
6) Chloroethane	1.71	64	307823	46.904	ug/l	99
7) Trichlorofluoromethane	1.91	101	677505	47.742	ug/l	99
8) Diethyl Ether	2.17	74	288802	48.249	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	450445	48.690	ug/l	97
10) Methyl Iodide	2.49	142	468315	37.546	ug/l	99
11) Tert butyl alcohol	3.01	59	659253	190.125	ug/l	98
12) 1,1-Dichloroethene	2.36	96	441115	45.488	ug/l	98
13) Acrolein	2.27	56	614089	310.895	ug/l	99
14) Allyl chloride	2.71	41	983790	43.418	ug/l	99
15) Acrylonitrile	3.12	53	1502865	227.269	ug/l	99
16) Acetone	2.42	43	1321763	212.371	ug/l	99
17) Carbon Disulfide	2.55	76	1160945	39.245	ug/l	100
18) Methyl Acetate	2.75	43	736066	46.337	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	1711492	45.506	ug/l	100
20) Methylene Chloride	2.83	84	516833	44.458	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	486447	45.200	ug/l	100
22) Diisopropyl ether	3.83	45	1855923	46.224	ug/l	96
23) Vinyl Acetate	3.78	43	8199908	225.565	ug/l	100
24) 1,1-Dichloroethane	3.67	63	952065	45.036	ug/l	99
25) 2-Butanone	4.64	43	2169177	216.718	ug/l	100
26) 2,2-Dichloropropane	4.56	77	835597	48.156	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	570126	45.789	ug/l	100
28) Bromochloromethane	4.98	49	464551	46.026	ug/l	95
29) Tetrahydrofuran	5.09	42	1403299	218.084	ug/l	99
30) Chloroform	5.18	83	934185	45.932	ug/l	95
31) Cyclohexane	5.55	56	838501	45.723	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	854529	46.426	ug/l	99
36) 1,1-Dichloropropene	5.77	75	691453	48.471	ug/l	98
37) Ethyl Acetate	4.80	43	848467	45.679	ug/l	99
38) Carbon Tetrachloride	5.76	117	747940	48.407	ug/l	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	821290	49.932	ug/l	98
40) Benzene	6.12	78	2065092	49.419	ug/l	97
41) Methacrylonitrile	5.01	41	495823	48.086	ug/l	99
42) 1,2-Dichloroethane	6.17	62	793915	47.299	ug/l	99
43) Isopropyl Acetate	6.42	43	1449997	46.243	ug/l	99
44) Trichloroethene	7.19	130	581841	51.055	ug/l	94
45) 1,2-Dichloropropane	7.49	63	552162	48.303	ug/l	98
46) Dibromomethane	7.64	93	366566	48.884	ug/l	95
47) Bromodichloromethane	7.88	83	773756	48.426	ug/l	98
48) Methyl methacrylate	7.75	41	726713	46.400	ug/l	98
49) 1,4-Dioxane	7.72	88	272775	933.613	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	4300886	242.031	ug/l	100
52) Toluene	8.77	92	1310254	50.858	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	878651	46.888	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	917775	48.078	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	537630	50.935	ug/l	99
56) Ethyl methacrylate	9.16	69	892269	47.966	ug/l	97
57) 1,3-Dichloropropane	9.36	76	925936	48.690	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	2253433	249.048	ug/l	99
59) 2-Hexanone	9.48	43	3231120	240.842	ug/l	99
60) Dibromochloromethane	9.57	129	628029	49.516	ug/l	100
61) 1,2-Dibromoethane	9.65	107	573823	49.997	ug/l	99
64) Tetrachloroethene	9.32	164	536633	49.512	ug/l	97
65) Chlorobenzene	10.12	112	1439463	50.257	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	552596	48.293	ug/l	98
67) Ethyl Benzene	10.24	91	2543826	50.076	ug/l	99
68) m/p-Xylenes	10.34	106	1945365	102.843	ug/l	96
69) o-Xylene	10.68	106	940702	50.326	ug/l	100
70) Styrene	10.70	104	1652751	50.248	ug/l	98
71) Bromoform	10.84	173	493755	47.401	ug/l #	97
73) Isopropylbenzene	11.01	105	2527669	49.122	ug/l	100
74) N-amyl acetate	10.89	43	1238603	43.279	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	819046	46.387	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	985329	61.012	ug/l	83
77) Bromobenzene	11.24	156	700970	51.071	ug/l	90
78) n-propylbenzene	11.34	91	2838832	48.247	ug/l	99
79) 2-Chlorotoluene	11.41	91	1709572	47.404	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	2154505	49.027	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	284872	42.325	ug/l	98
82) 4-Chlorotoluene	11.50	91	2018163	47.735	ug/l	99
83) tert-Butylbenzene	11.76	119	2137871	49.804	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2193655	48.985	ug/l	100
85) sec-Butylbenzene	11.93	105	2454762	49.446	ug/l	100
86) p-Isopropyltoluene	12.05	119	2335393	50.673	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	1236846	50.337	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1220227	48.754	ug/l	99
89) n-Butylbenzene	12.37	91	2070418	49.712	ug/l	99
90) Hexachloroethane	12.58	117	409595	45.661	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	1192008	49.571	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	195681	39.266	ug/l	92

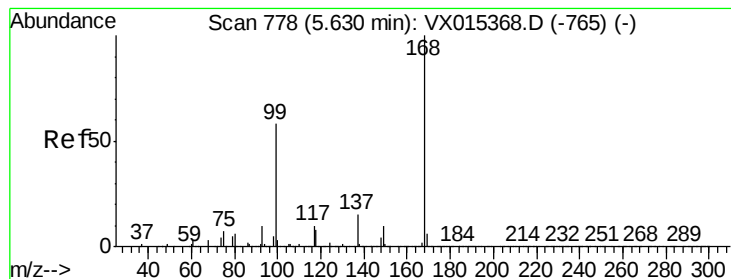
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041520\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	948820	49.884	ug/l	97
94) Hexachlorobutadiene	13.77	225	443775	49.004	ug/l	99
95) Naphthalene	13.82	128	2825604	48.701	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	907908	49.578	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

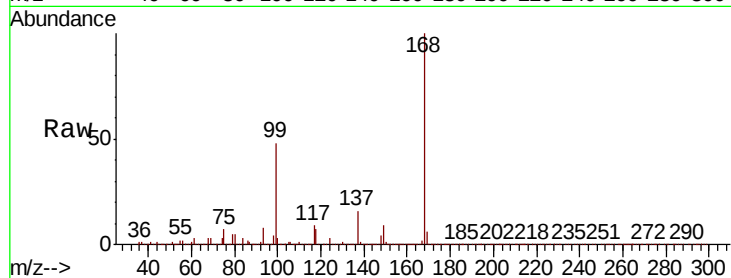
VSTDCCC050

Tot Ion:168 Resp: 1027142

Ion Ratio Lower Upper

168 100

99 47.9 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

300000

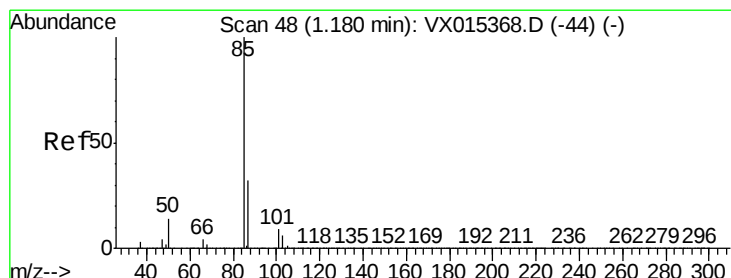
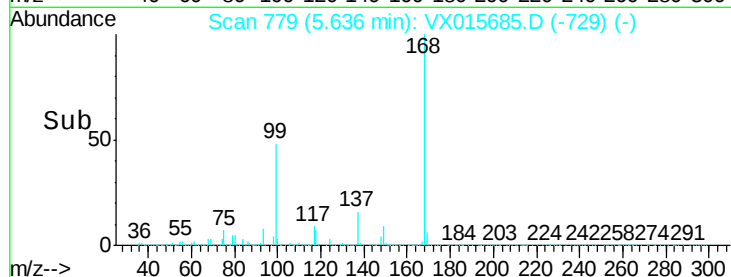
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 43.124 ug/l

RT: 1.18 min Scan# 48

Delta R.T. 0.00 min

Lab File: VX015685.D

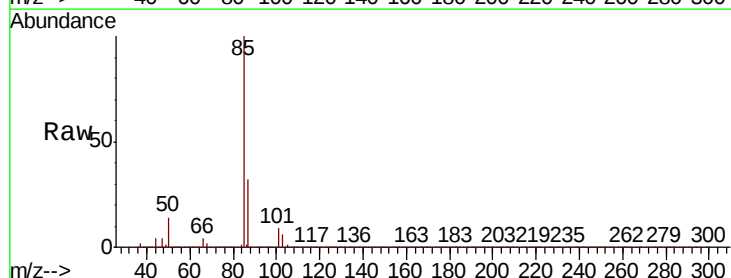
Acq: 15 Apr 2020 16:00

Tgt Ion: 85 Resp: 390238

Ion Ratio Lower Upper

85 100

87 32.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

400000

300000

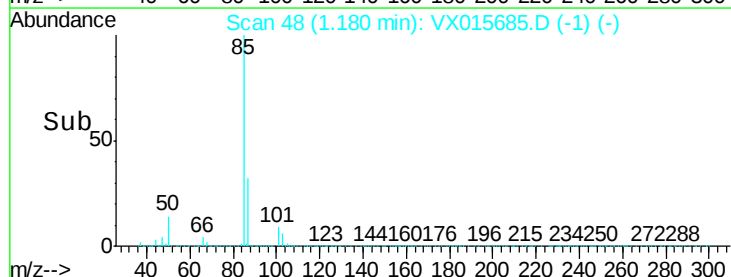
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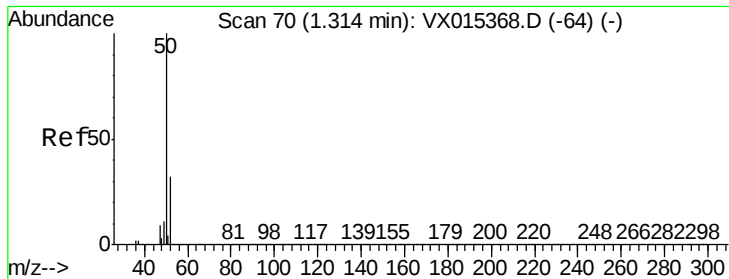
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Time-->

1.10 1.15 1.20 1.25

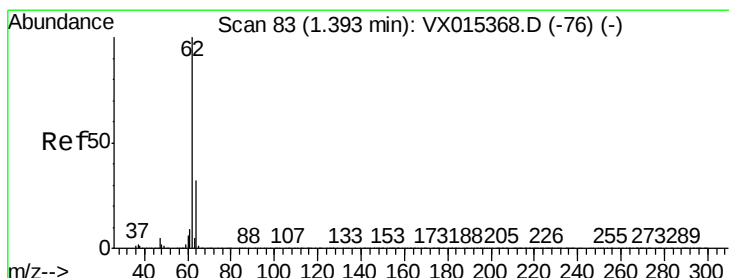
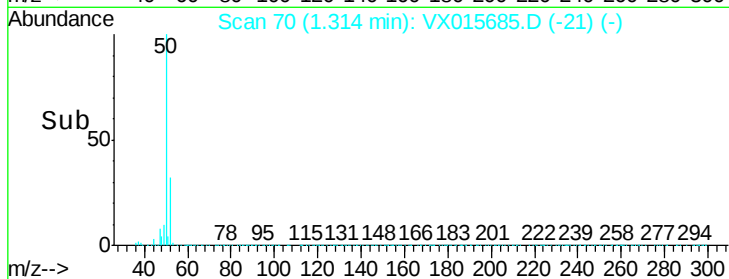
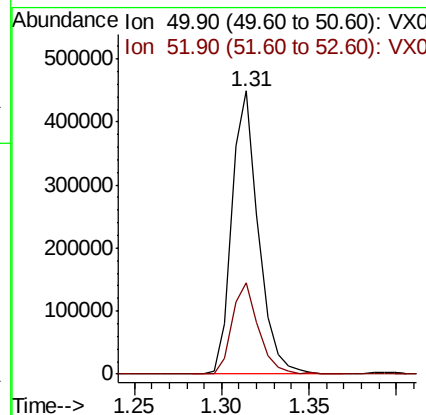
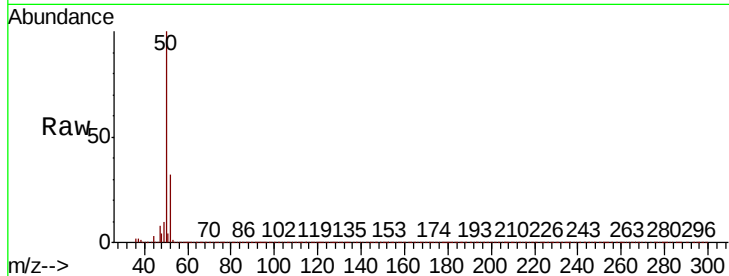




#3
Chloromethane
Concen: 40.909 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

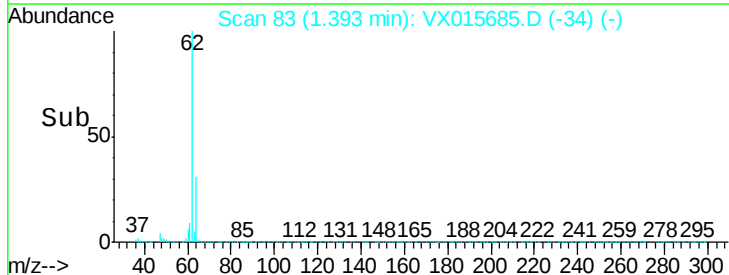
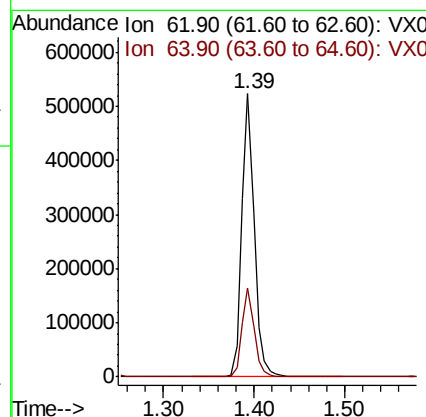
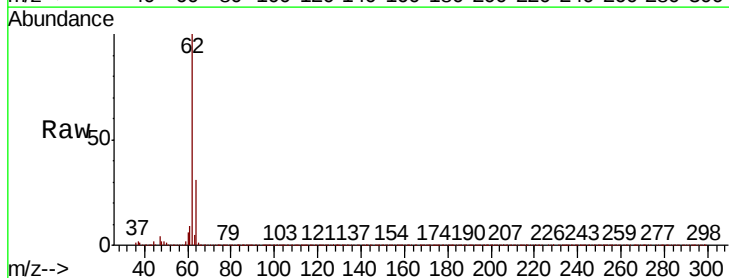
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 50 Resp: 471449
Ion Ratio Lower Upper
50 100
52 32.1 25.3 37.9



#4
Vinyl Chloride
Concen: 47.071 ug/l
RT: 1.39 min Scan# 83
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Tgt Ion: 62 Resp: 498098
Ion Ratio Lower Upper
62 100
64 31.2 26.0 39.0





#5

Bromomethane

Concen: 51.293 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

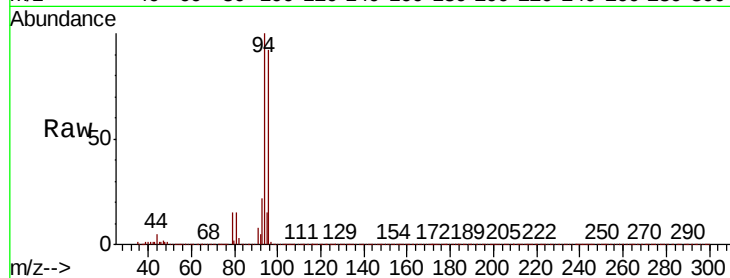
VSTDCCC050

Tot Ion: 94 Resp: 249177

Ion Ratio Lower Upper

94 100

96 91.8 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

250000

200000

150000

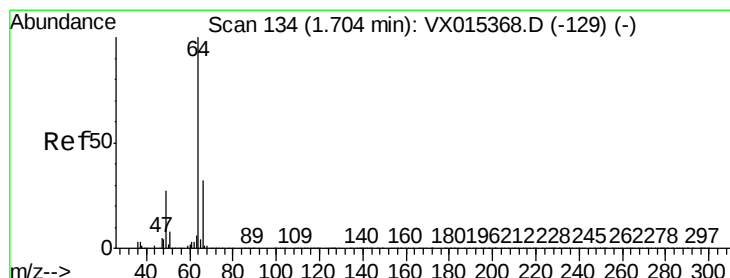
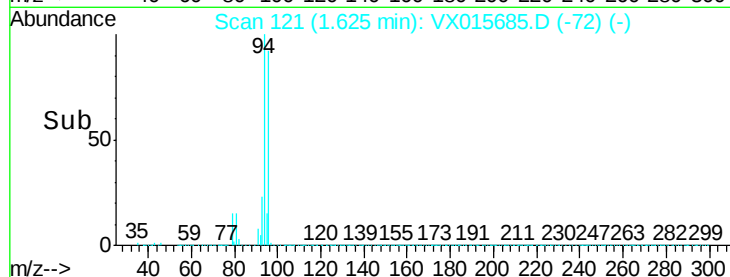
100000

50000

0

Time-->

1.60 1.65



#6

Chloroethane

Concen: 46.904 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015685.D

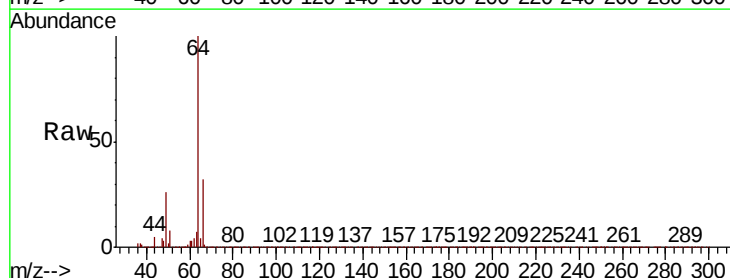
Acq: 15 Apr 2020 16:00

Tgt Ion: 64 Resp: 307823

Ion Ratio Lower Upper

64 100

66 32.2 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

250000

200000

150000

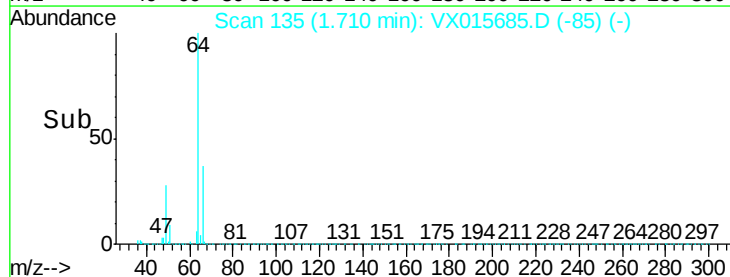
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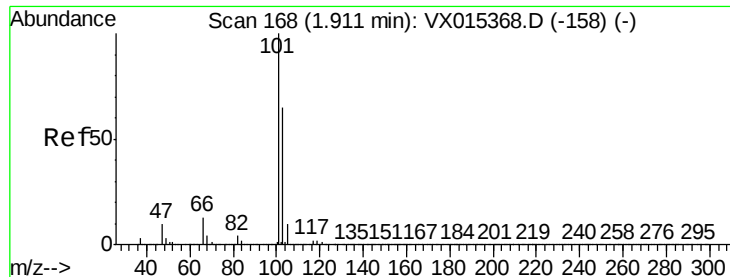
50000

0

Time-->

1.65 1.70 1.75 1.80



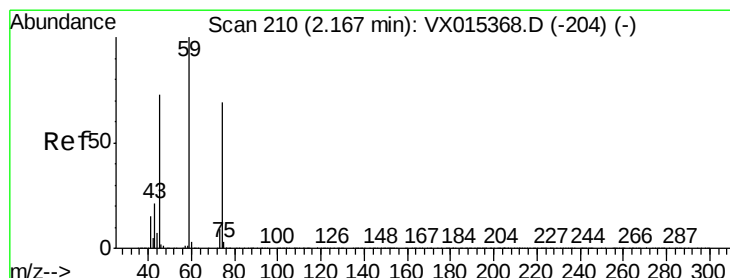
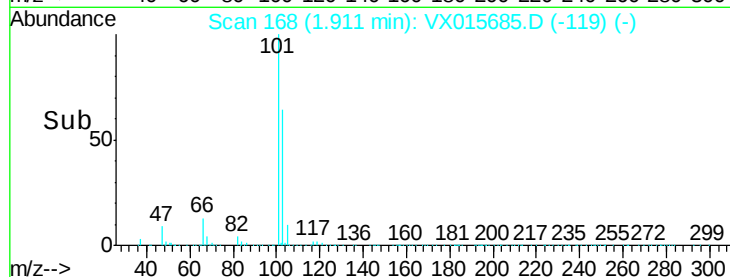
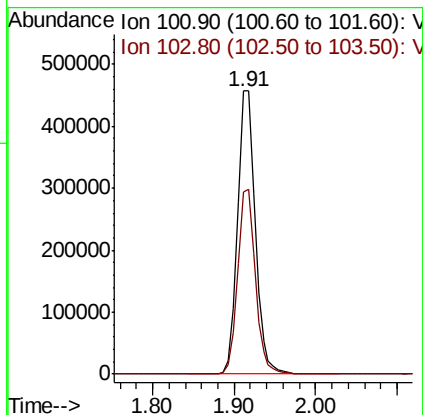
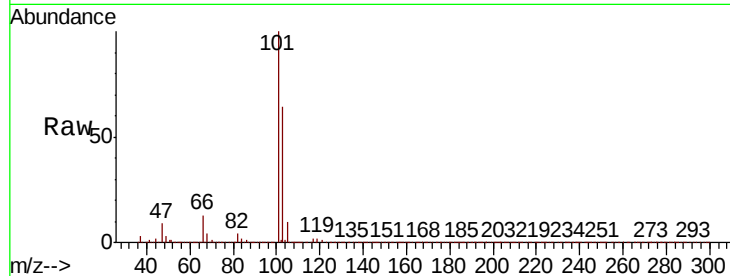


#7

Trichlorofluoromethane
Concen: 47.742 ug/l
RT: 1.91 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Instrument :
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ClientSampleId :
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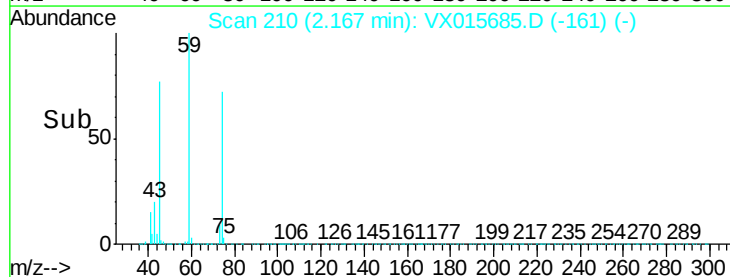
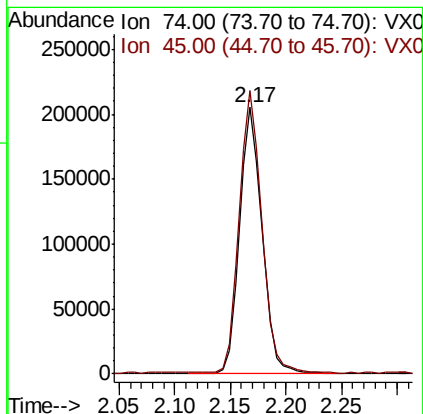
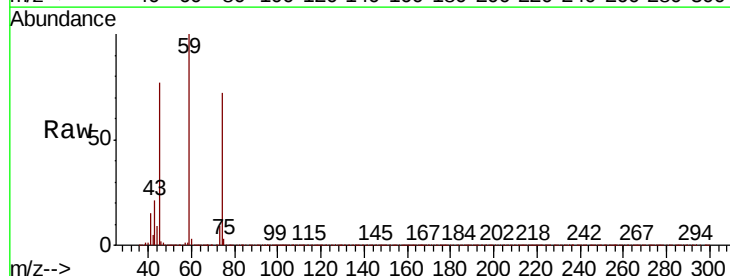
Tot Ion:101 Resp: 677505
Ion Ratio Lower Upper
101 100
103 64.3 52.3 78.5

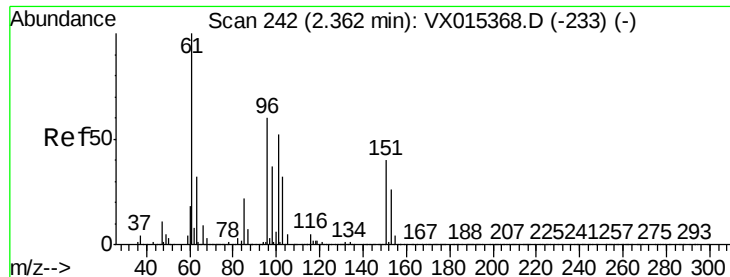


#8

Diethyl Ether
Concen: 48.249 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Tgt Ion: 74 Resp: 288802
Ion Ratio Lower Upper
74 100
45 106.0 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.690 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

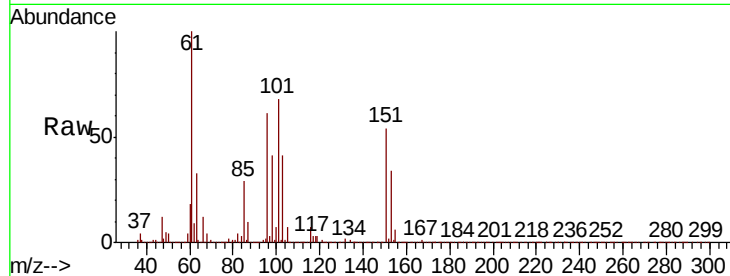
Tot Ion:101 Resp: 450445

Ion Ratio Lower Upper

101 100

85 43.9 35.0 52.4

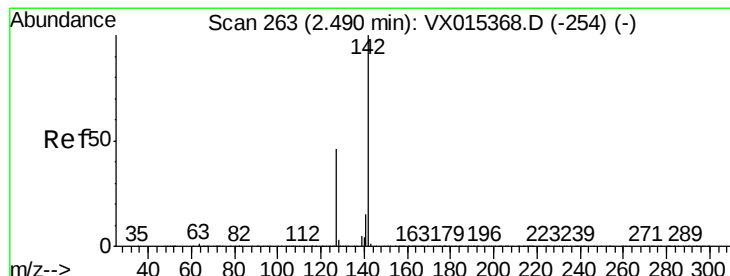
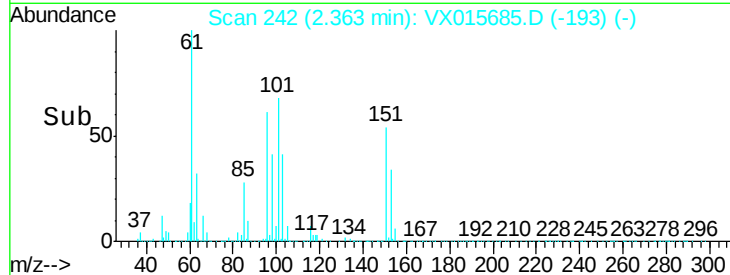
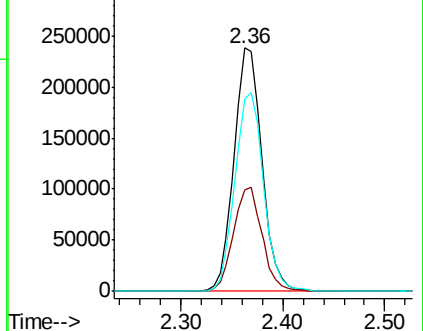
151 84.0 64.1 96.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 37.546 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

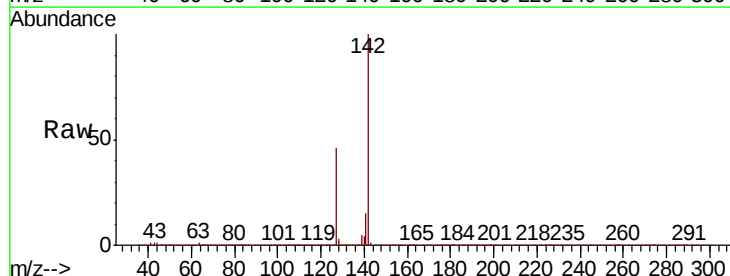
Tgt Ion:142 Resp: 468315

Ion Ratio Lower Upper

142 100

127 43.9 35.9 53.9

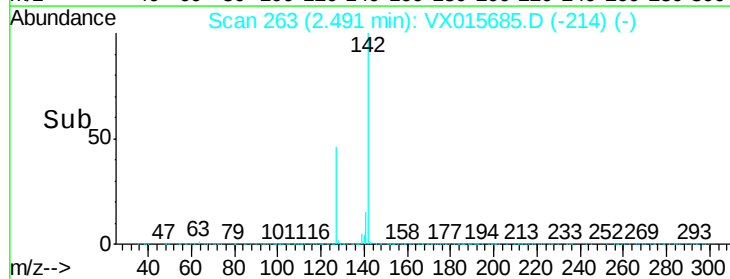
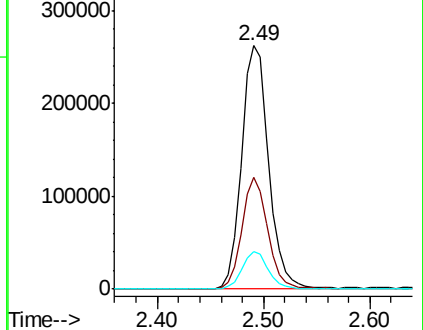
141 15.0 11.6 17.4

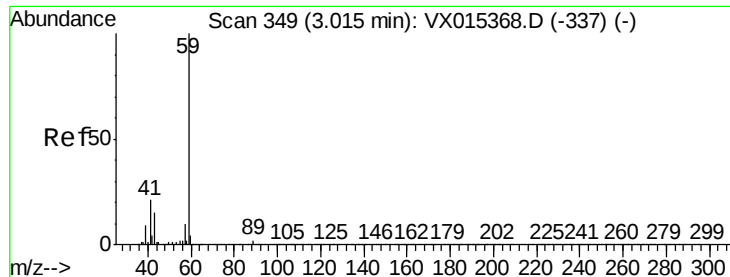


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

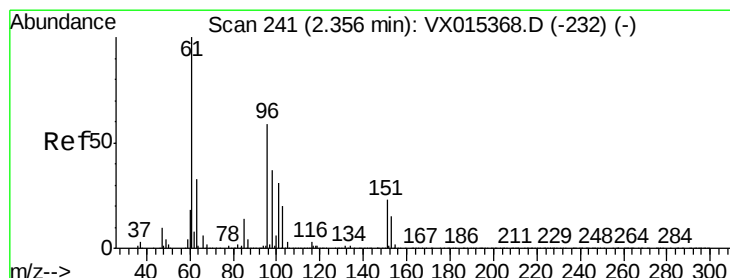
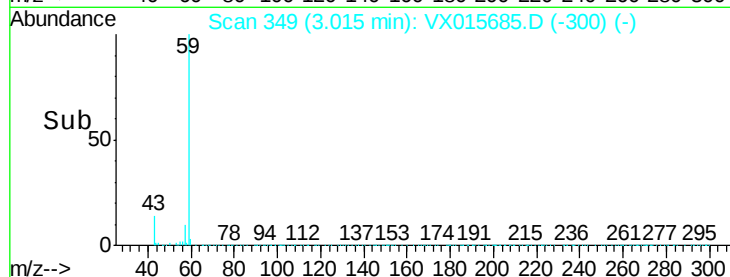
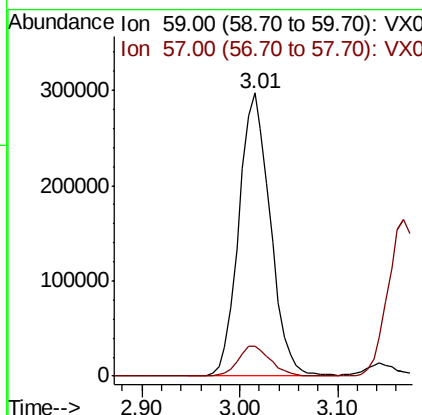
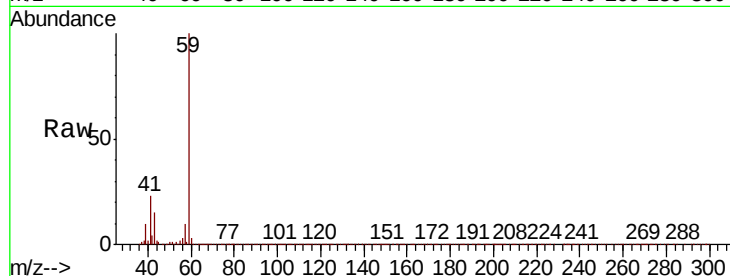




#11
Tert butyl alcohol
Concen: 190.125 ug/l
RT: 3.01 min Scan# 349
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

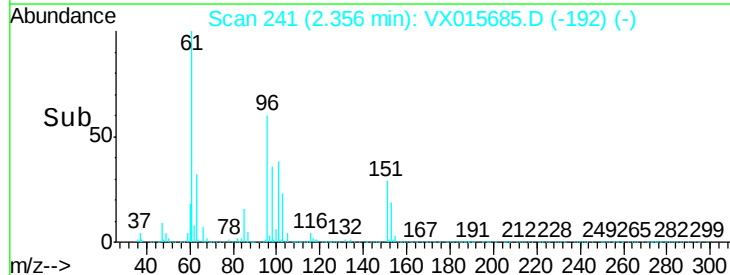
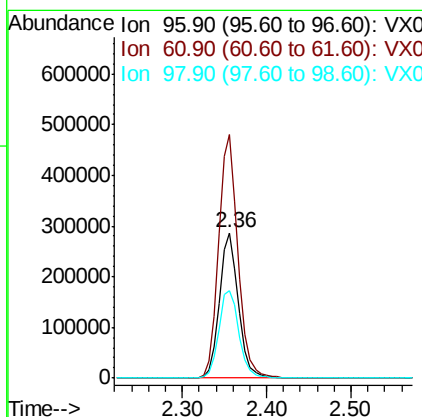
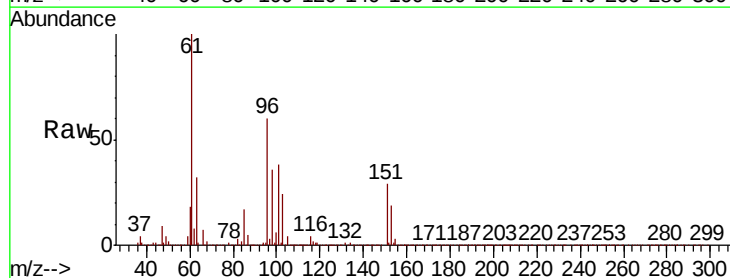
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

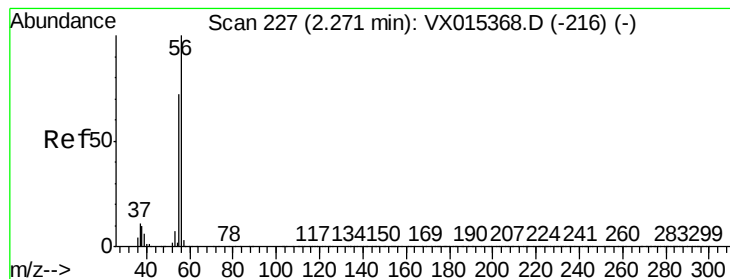
Tot Ion: 59 Resp: 659253
Ion Ratio Lower Upper
59 100
57 10.7 8.1 12.1



#12
1,1-Dichloroethene
Concen: 45.488 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Tgt Ion: 96 Resp: 441115
Ion Ratio Lower Upper
96 100
61 167.7 135.7 203.5
98 60.6 50.6 75.8





#13

Acrolein

Concen: 310.895 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

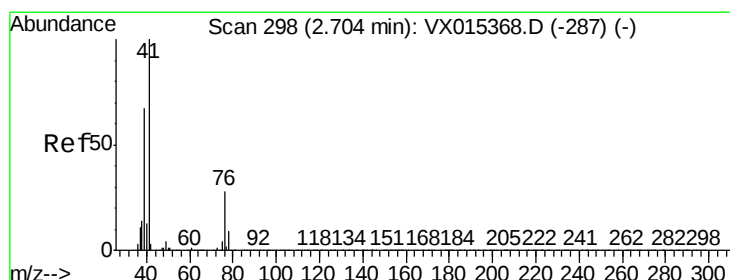
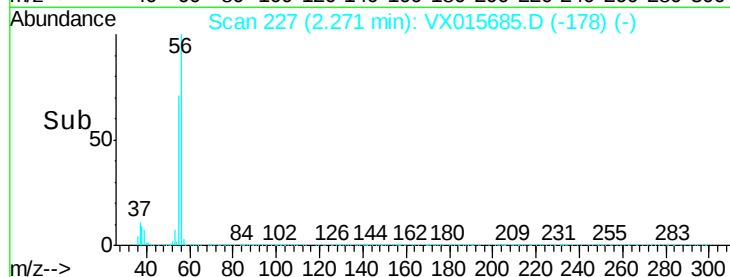
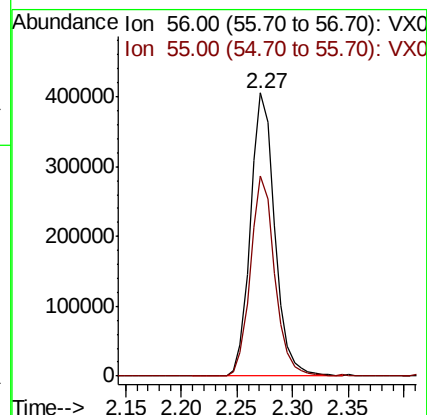
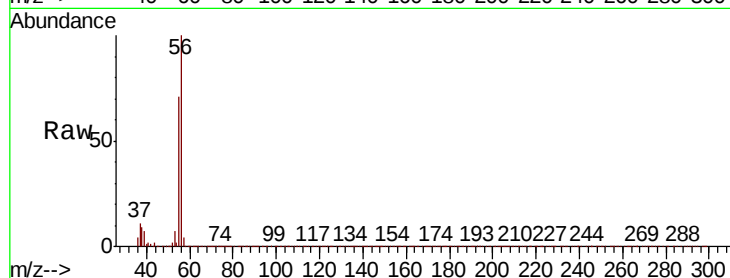
VSTDCCC050

Tot Ion: 56 Resp: 614089

Ion Ratio Lower Upper

56 100

55 70.3 57.0 85.4



#14

Allyl chloride

Concen: 43.418 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

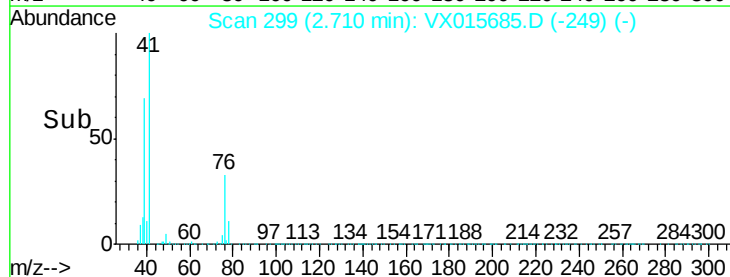
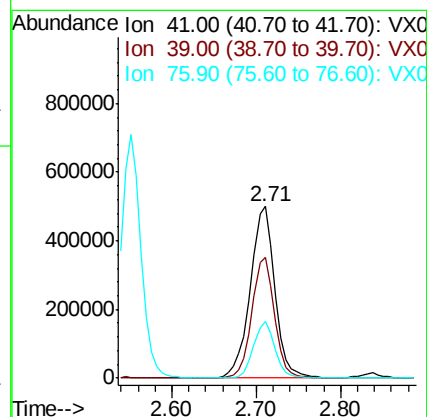
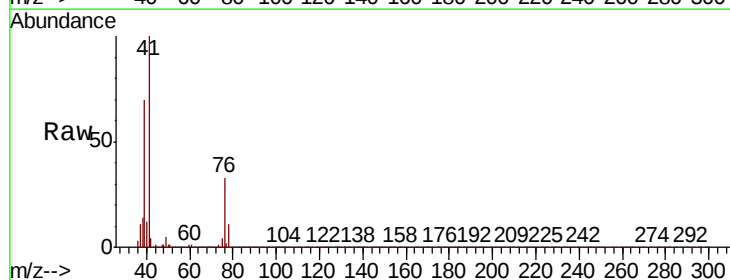
Tgt Ion: 41 Resp: 983790

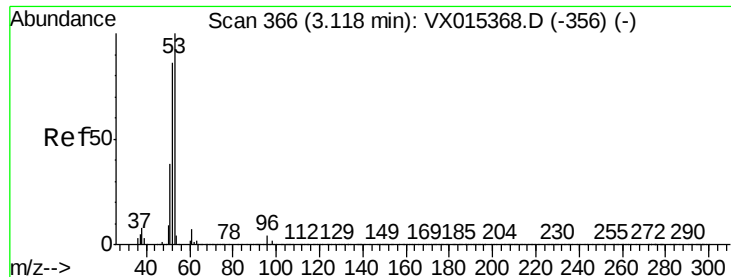
Ion Ratio Lower Upper

41 100

39 64.2 51.4 77.0

76 28.3 21.8 32.8





#15

Acrylonitrile

Concen: 227.269 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

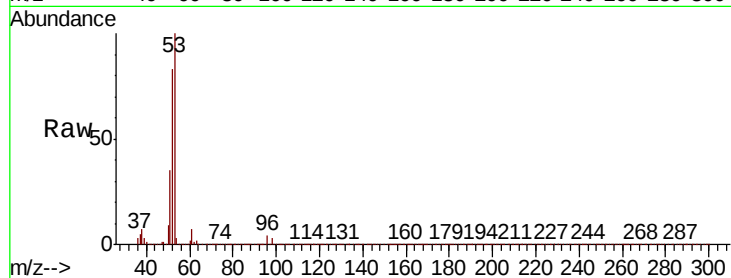
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 1502865

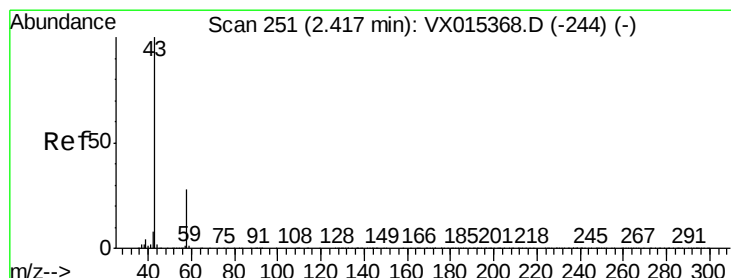
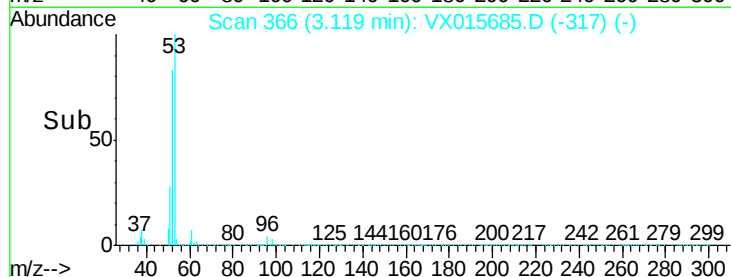
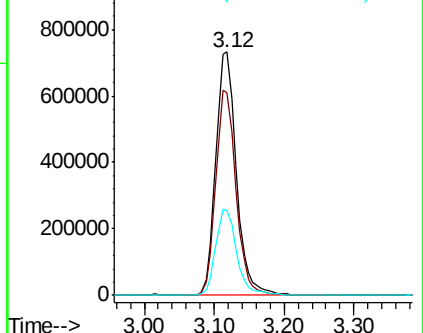
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.8	100.2
51	36.2	29.5	44.3



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 212.371 ug/l

RT: 2.42 min Scan# 251

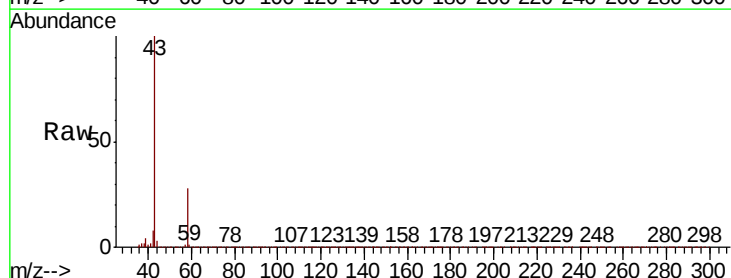
Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

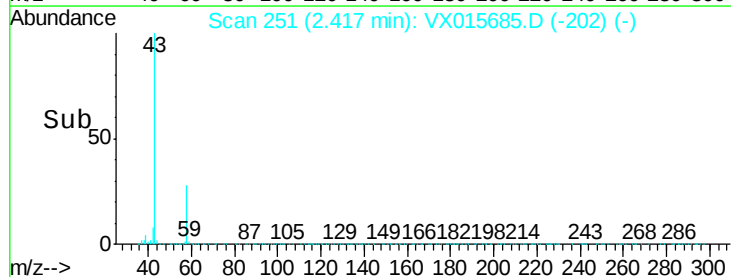
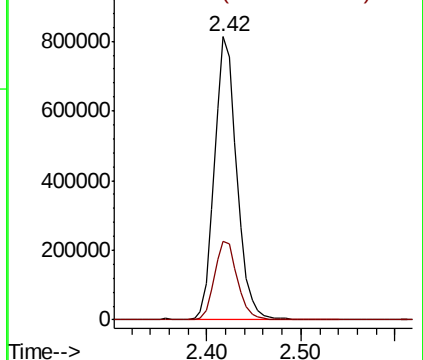
Tgt Ion: 43 Resp: 1321763

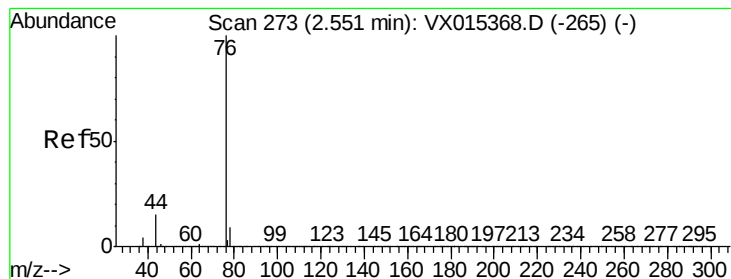
Ion	Ratio	Lower	Upper
43	100		
58	27.9	22.1	33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 39.245 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

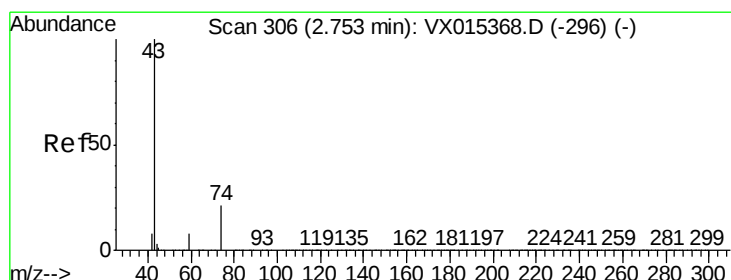
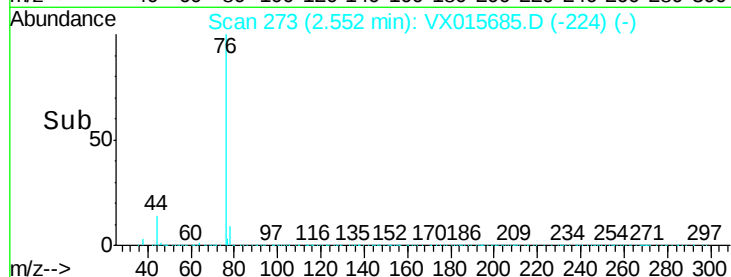
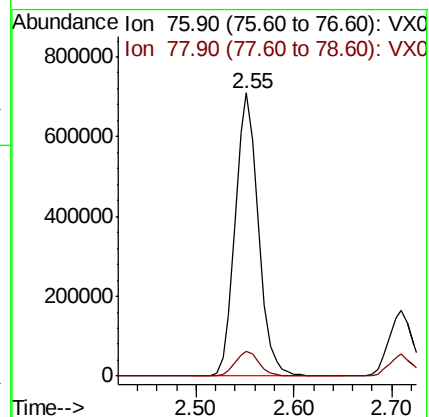
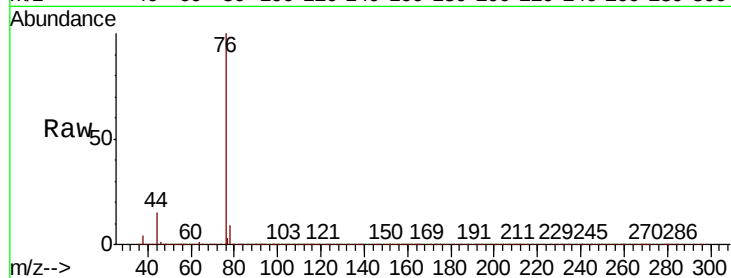
VSTDCCC050

Tot Ion: 76 Resp: 1160945

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7



#18

Methyl Acetate

Concen: 46.337 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015685.D

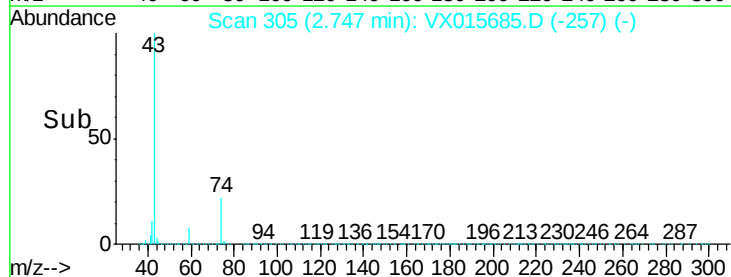
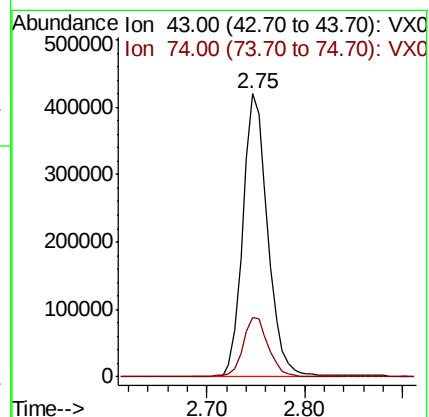
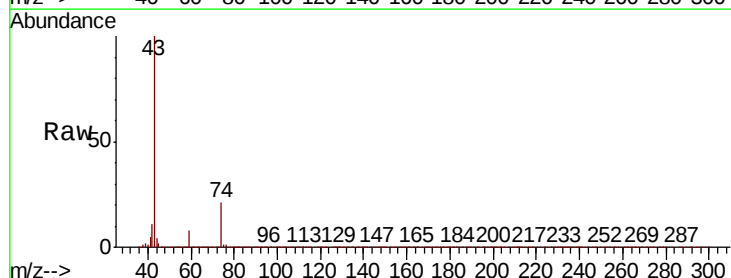
Acq: 15 Apr 2020 16:00

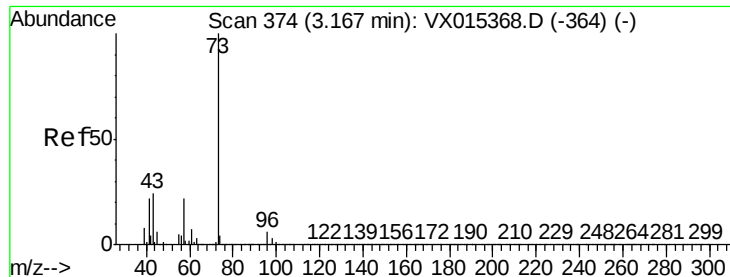
Tgt Ion: 43 Resp: 736066

Ion Ratio Lower Upper

43 100

74 21.5 16.5 24.7

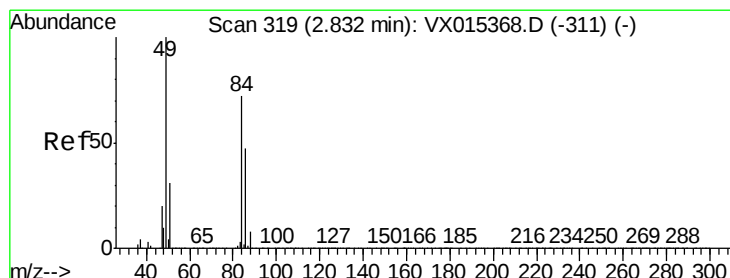
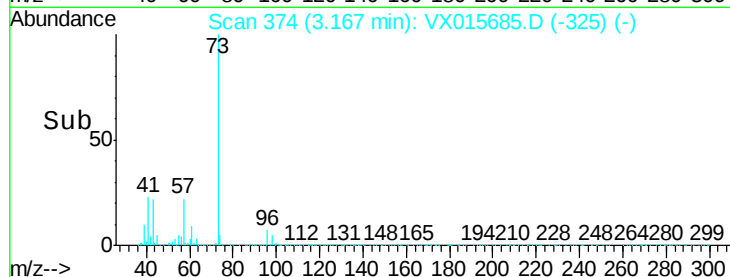
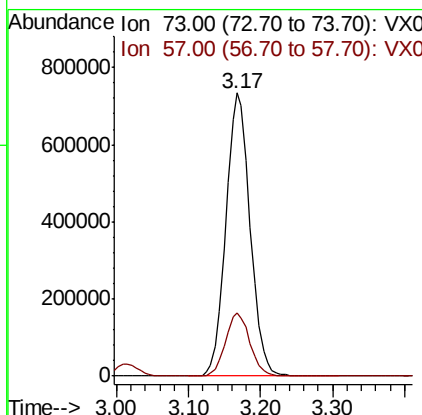
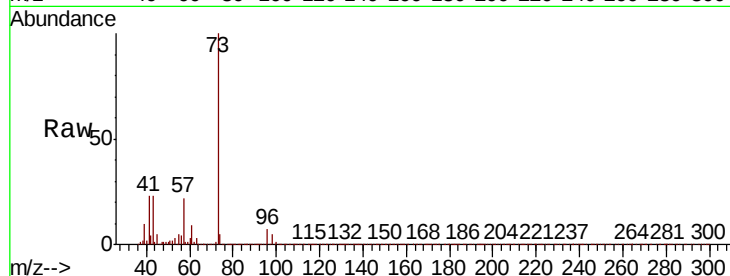




#19
Methyl tert-butyl Ether
Concen: 45.506 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

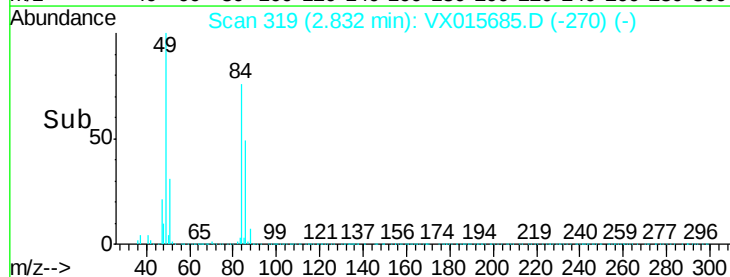
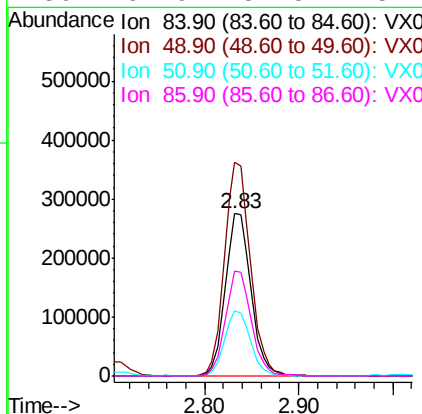
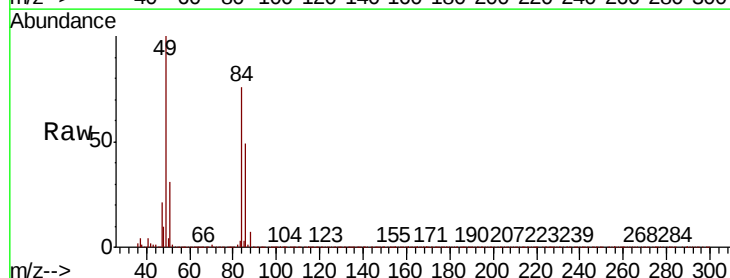
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 1711492
Ion Ratio Lower Upper
73 100
57 22.4 17.9 26.9



#20
Methylene Chloride
Concen: 44.458 ug/l
RT: 2.83 min Scan# 319
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Tgt Ion: 84 Resp: 516833
Ion Ratio Lower Upper
84 100
49 131.6 111.3 166.9
51 40.2 34.0 51.0
86 64.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 45.200 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

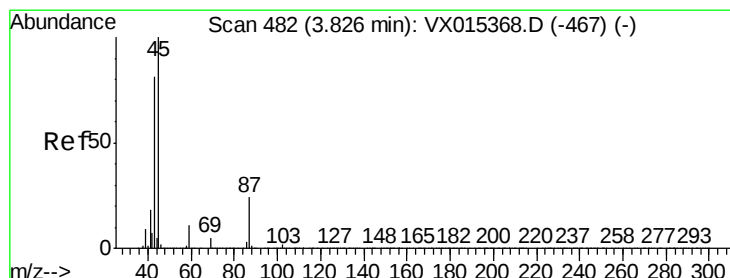
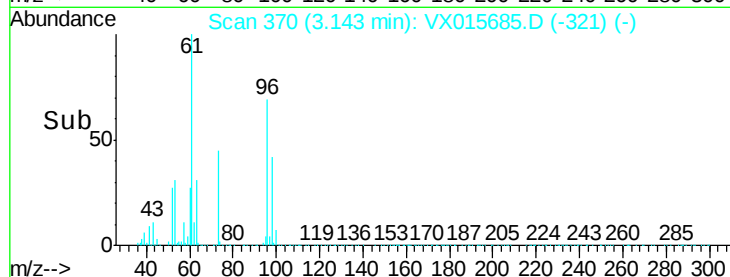
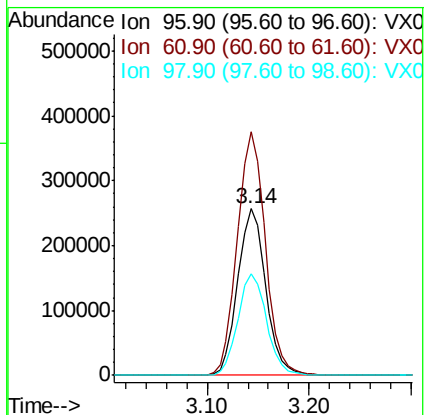
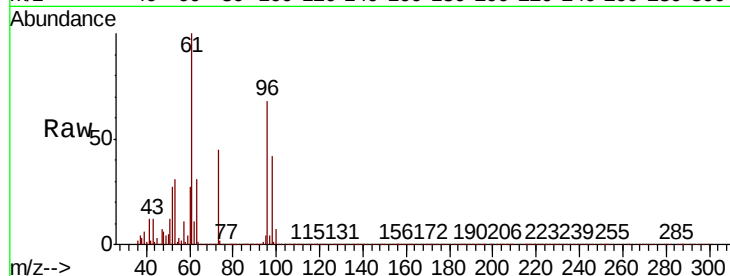
Tot Ion: 96 Resp: 486447

Ion Ratio Lower Upper

96 100

61 146.0 116.9 175.3

98 60.8 48.6 73.0



#22

Diisopropyl ether

Concen: 46.224 ug/l

RT: 3.83 min Scan# 482

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Tgt Ion: 45 Resp: 1855923

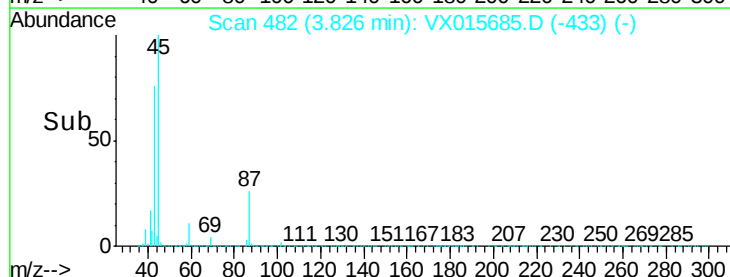
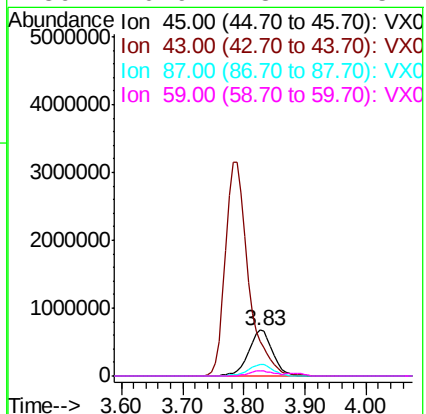
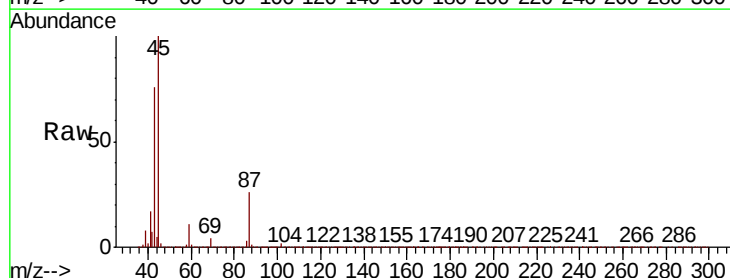
Ion Ratio Lower Upper

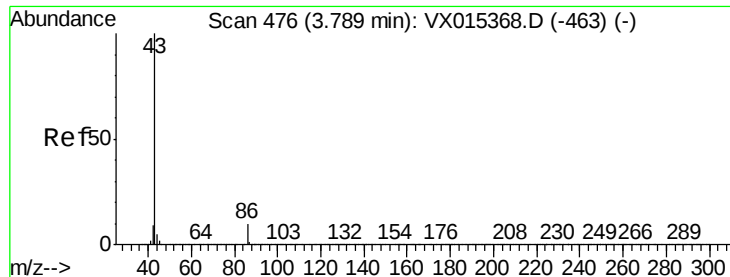
45 100

43 76.1 64.7 97.1

87 25.8 19.4 29.0

59 10.9 8.7 13.1

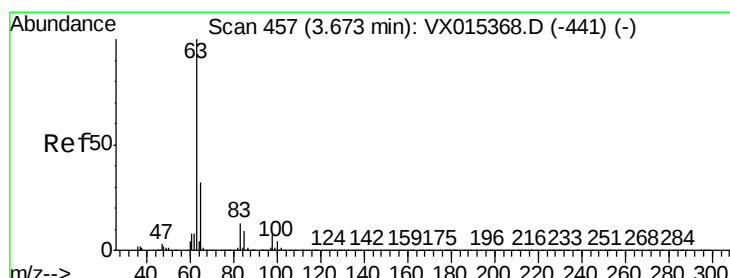
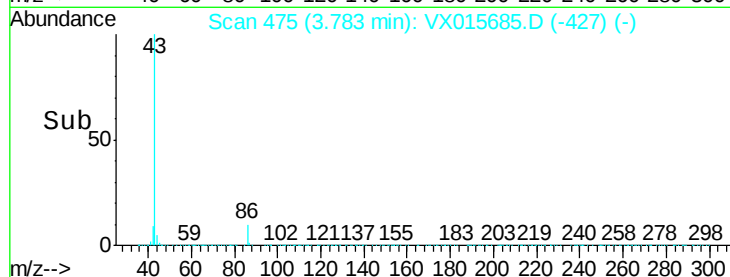
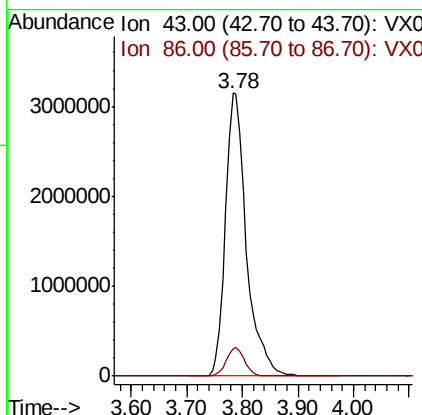
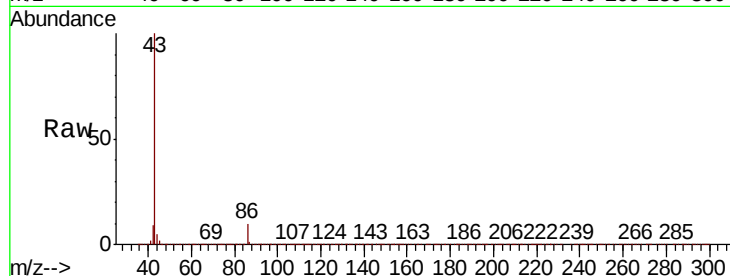




#23
 Vinyl Acetate
 Concen: 225.565 ug/l
 RT: 3.78 min Scan# 475
 Delta R.T. -0.01 min
 Lab File: VX015685.D
 Acq: 15 Apr 2020 16:00

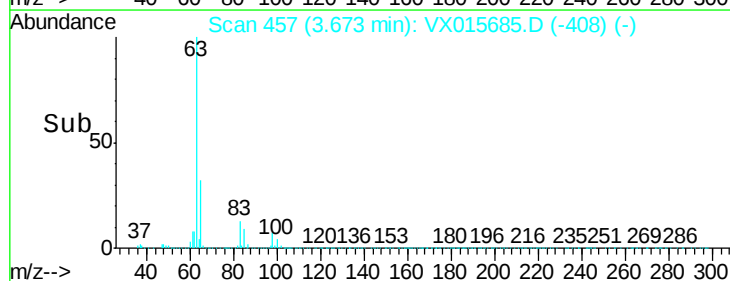
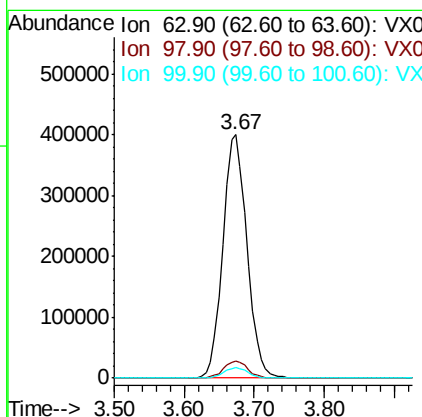
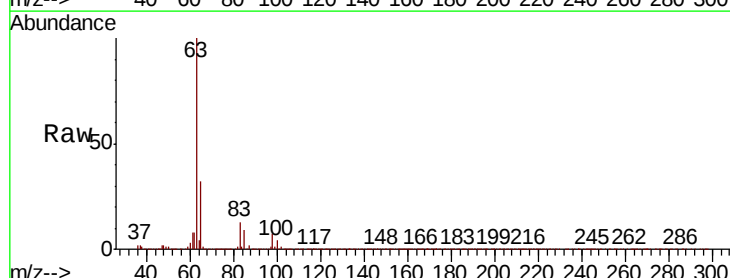
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

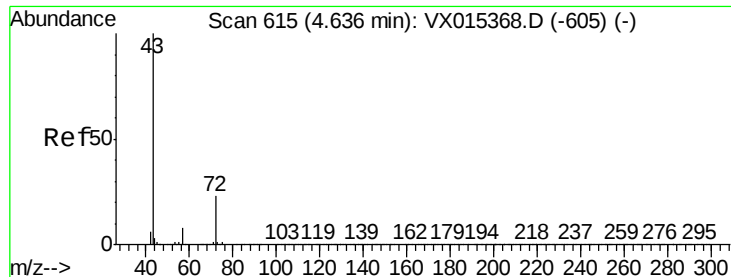
Tot Ion: 43 Resp: 8199908
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.8 11.6



#24
 1,1-Dichloroethane
 Concen: 45.036 ug/l
 RT: 3.67 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: VX015685.D
 Acq: 15 Apr 2020 16:00

Tgt Ion: 63 Resp: 952065
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.8
 100 4.4 2.1 6.5





#25

2-Butanone

Concen: 216.718 ug/l

RT: 4.64 min Scan# 615

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

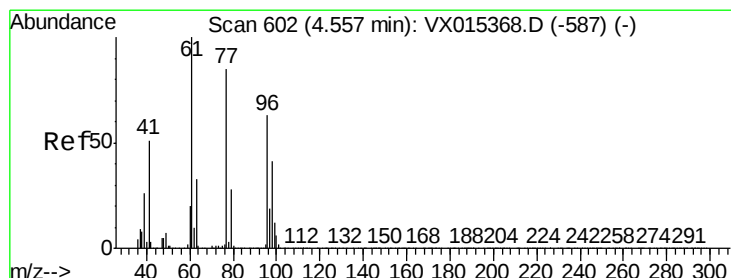
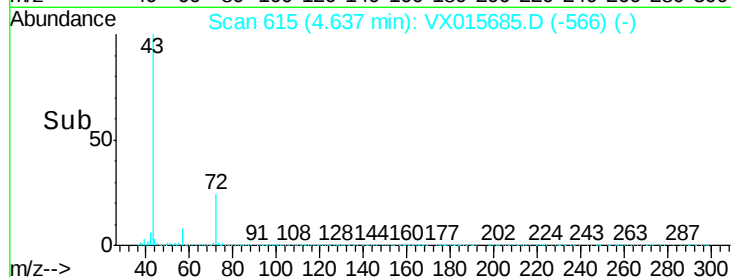
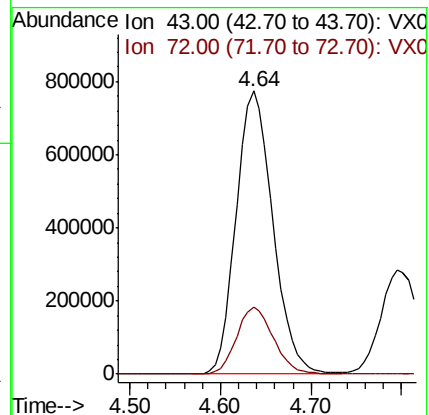
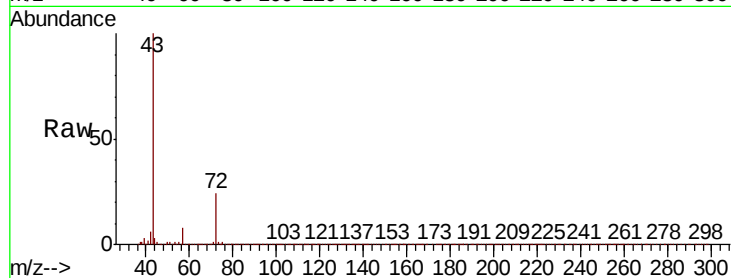
VSTDCCC050

Tot Ion: 43 Resp: 2169177

Ion Ratio Lower Upper

43 100

72 23.7 19.0 28.4



#26

2,2-Dichloropropane

Concen: 48.156 ug/l

RT: 4.56 min Scan# 602

Delta R.T. 0.00 min

Lab File: VX015685.D

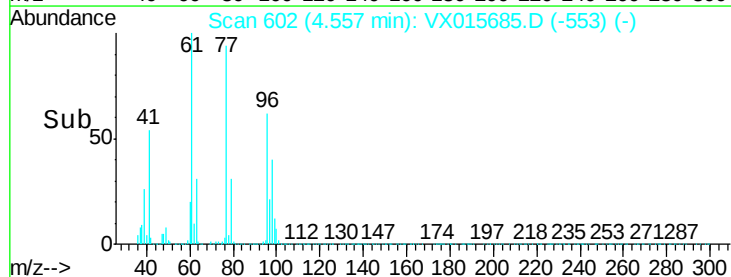
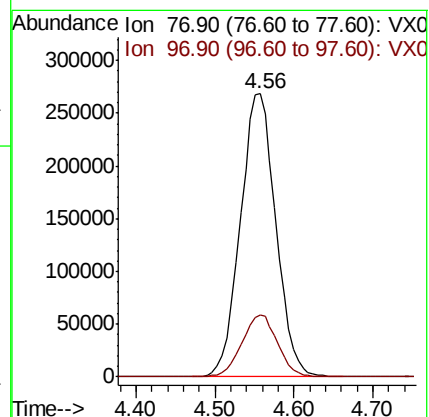
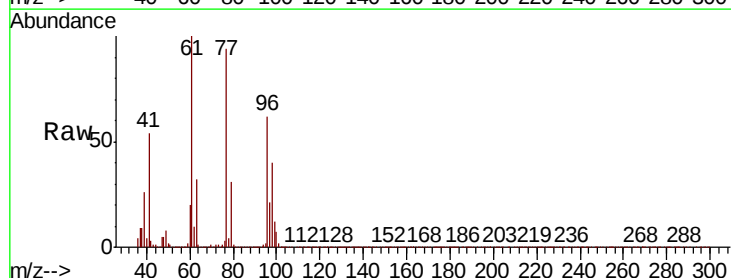
Acq: 15 Apr 2020 16:00

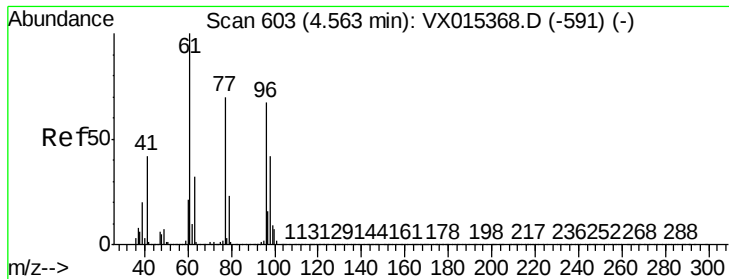
Tgt Ion: 77 Resp: 835597

Ion Ratio Lower Upper

77 100

97 22.1 11.3 33.8



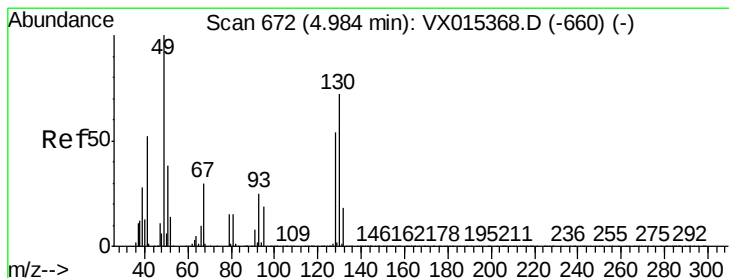
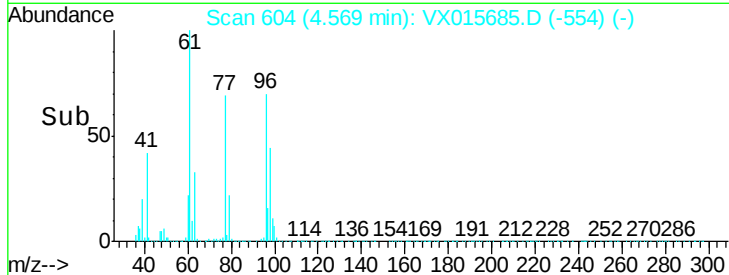
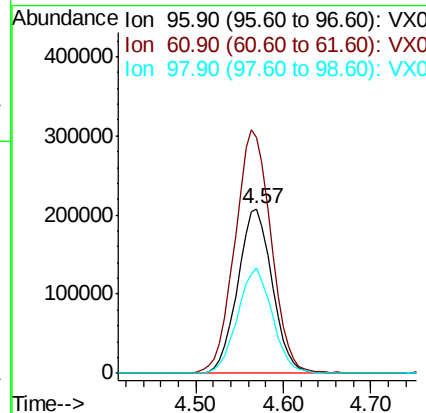
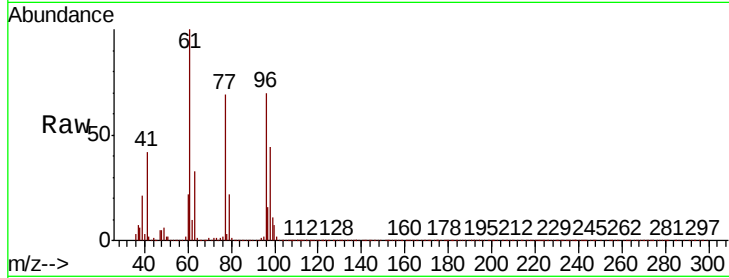


#27

cis-1,2-Dichloroethene
Concen: 45.789 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

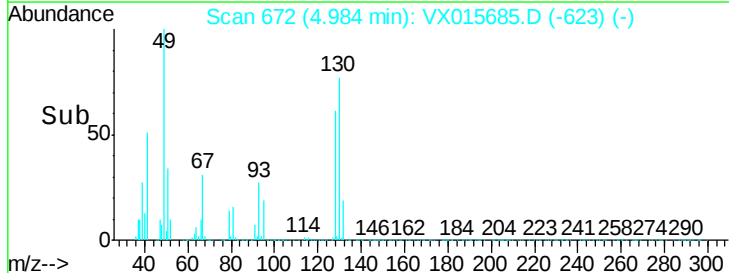
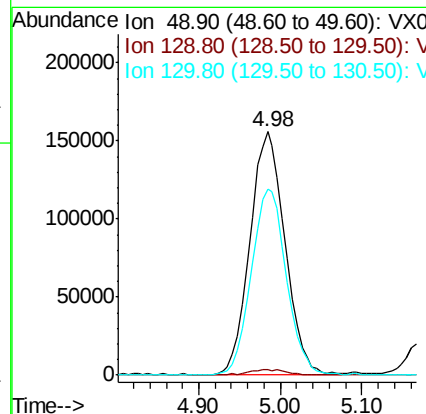
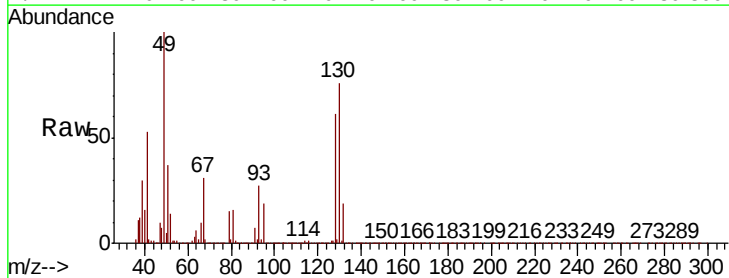
Tot Ion	Ratio	Lower	Upper
96	100		
61	154.6	0.0	308.4
98	64.2	0.0	129.2

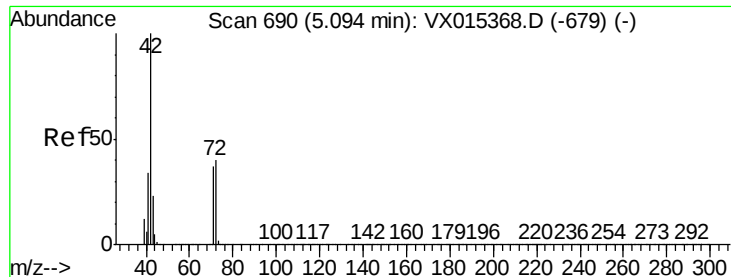


#28

Bromochloromethane
Concen: 46.026 ug/l
RT: 4.98 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.4
130	76.8	57.7	86.5





#29

Tetrahydrofuran

Concen: 218.084 ug/l

RT: 5.09 min Scan# 690

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

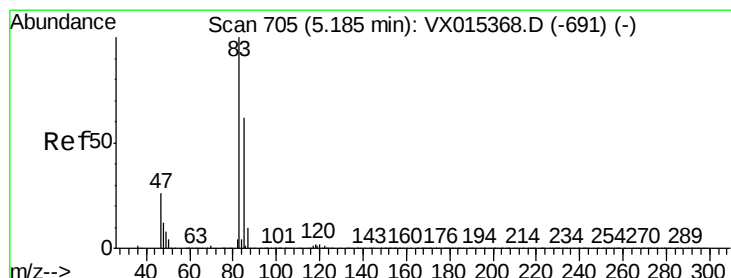
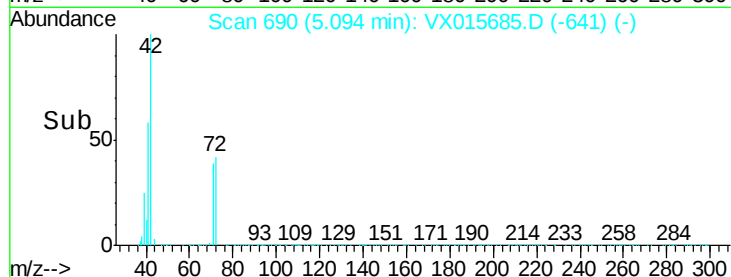
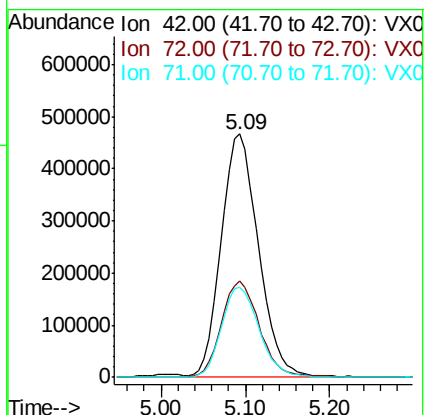
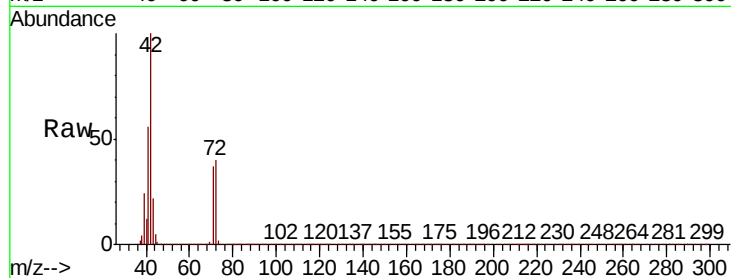
Tot Ion: 42 Resp: 1403299

Ion Ratio Lower Upper

42 100

72 40.3 31.7 47.5

71 37.6 29.6 44.4



#30

Chloroform

Concen: 45.932 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015685.D

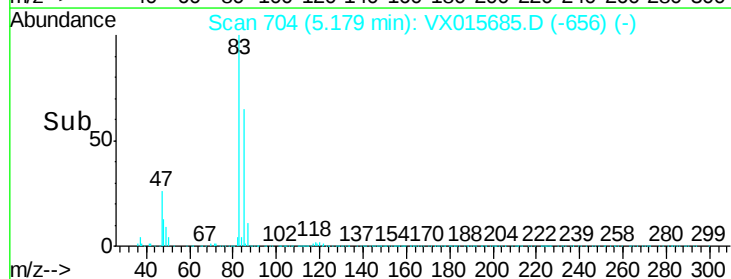
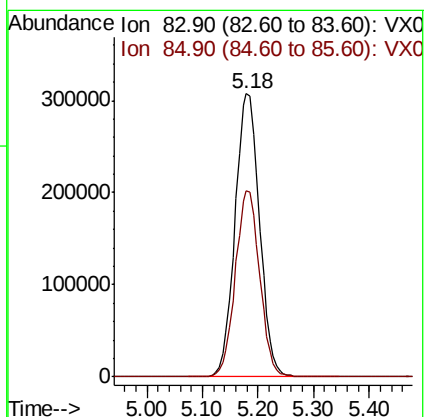
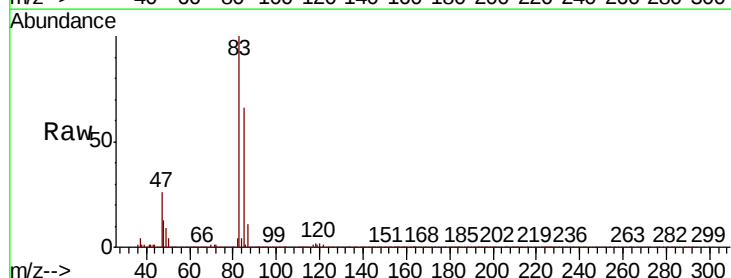
Acq: 15 Apr 2020 16:00

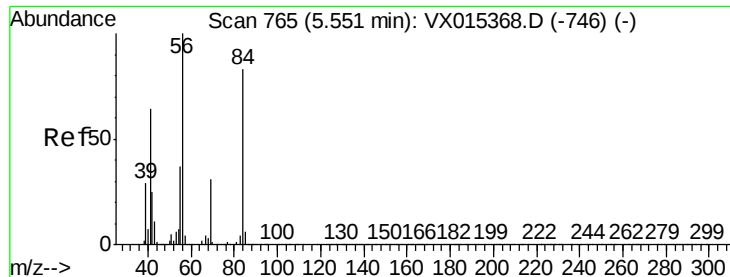
Tgt Ion: 83 Resp: 934185

Ion Ratio Lower Upper

83 100

85 65.7 49.5 74.3

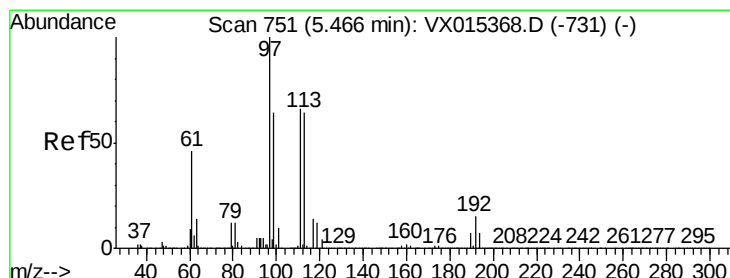
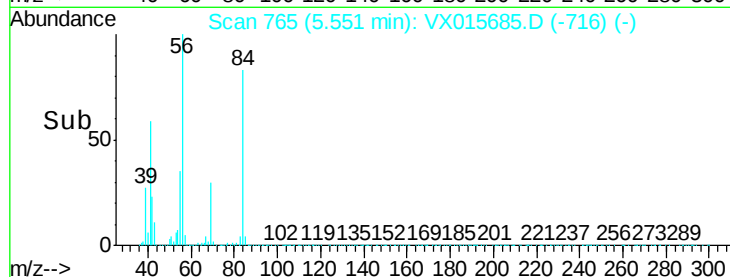
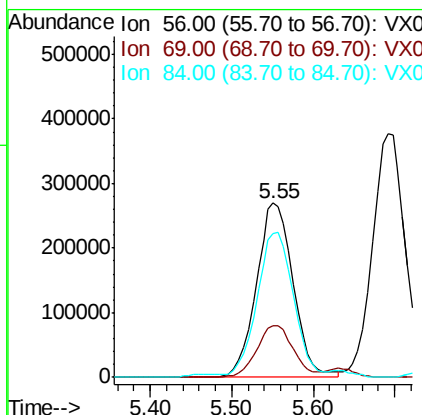
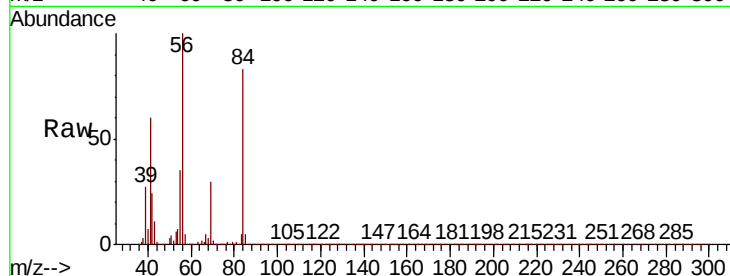




#31
Cyclohexane
Concen: 45.723 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

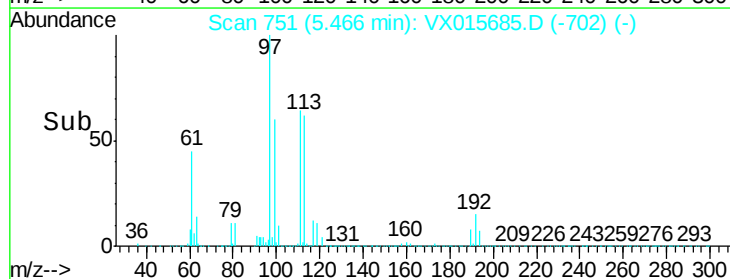
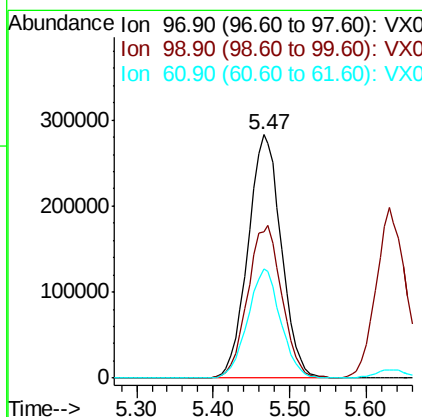
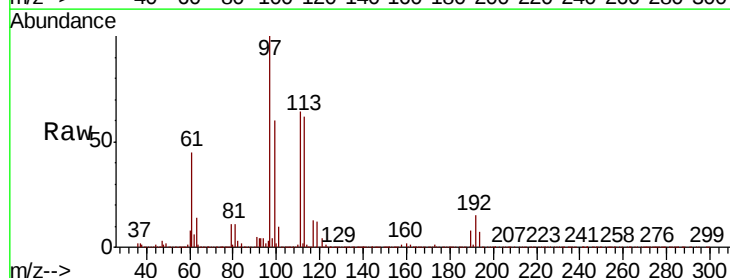
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

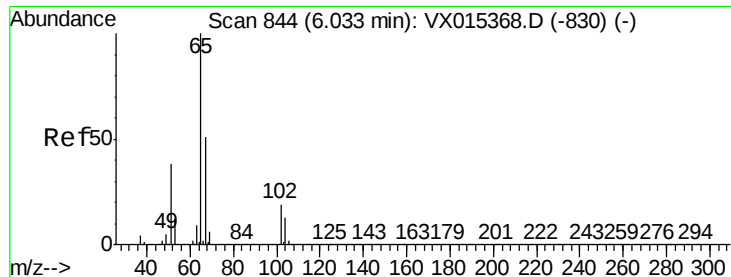
Tot Ion	Ratio	Lower	Upper
56	100		
69	29.7	24.6	36.8
84	81.8	66.1	99.1



#32
1,1,1-Trichloroethane
Concen: 46.426 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.0	76.4
61	44.3	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 44.743 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

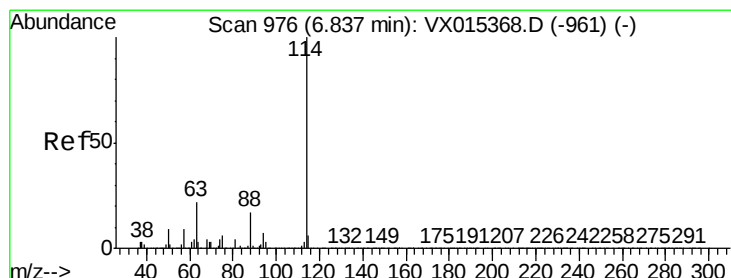
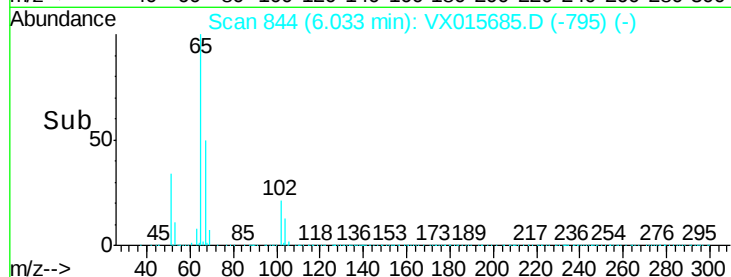
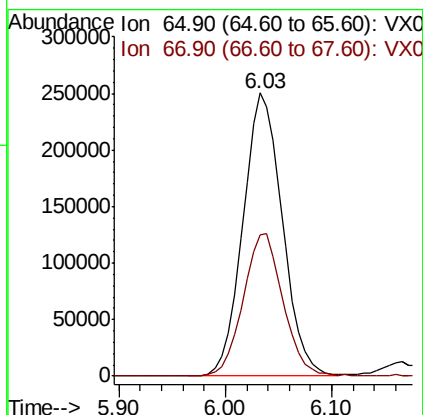
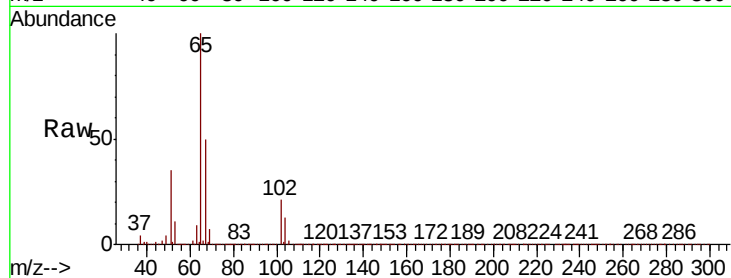
VSTDCCC050

Tot Ion: 65 Resp: 648185

Ion Ratio Lower Upper

65 100

67 50.5 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

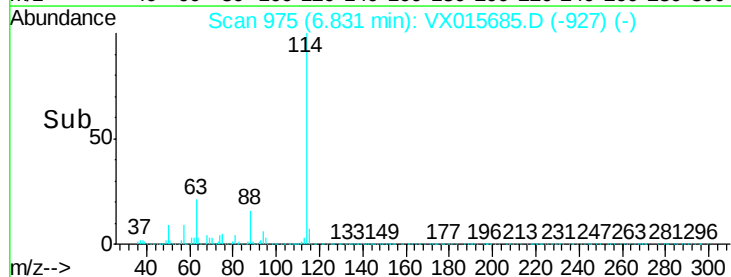
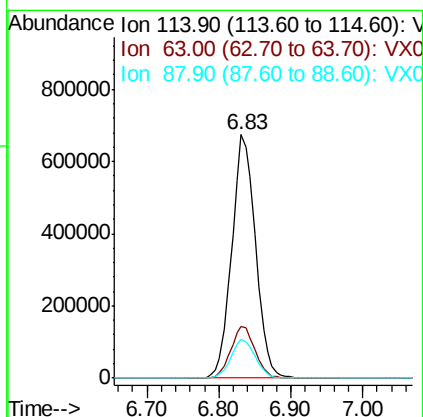
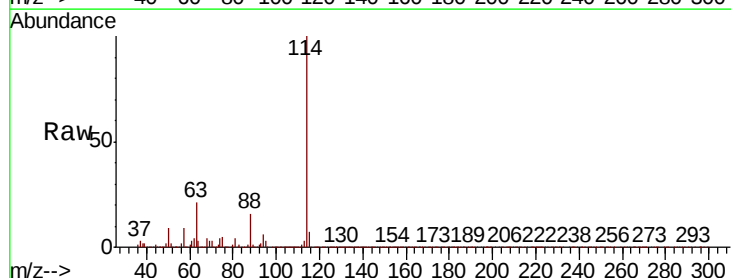
Tgt Ion: 114 Resp: 1548248

Ion Ratio Lower Upper

114 100

63 21.3 0.0 44.2

88 16.0 0.0 33.8

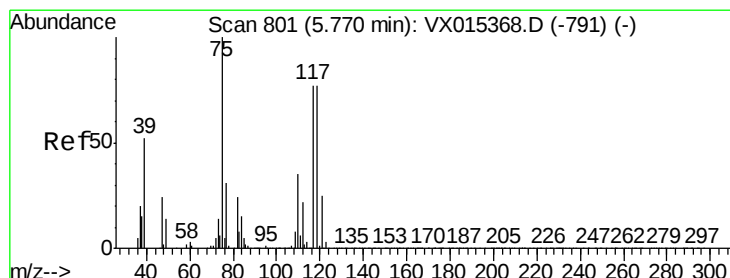
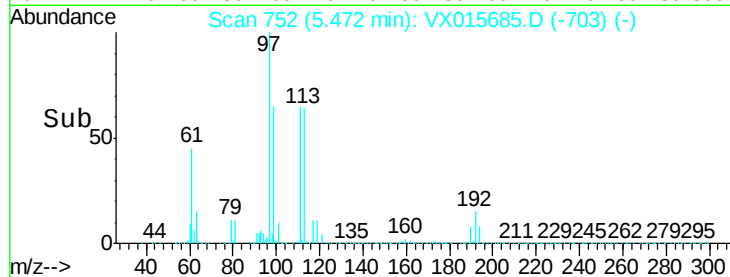
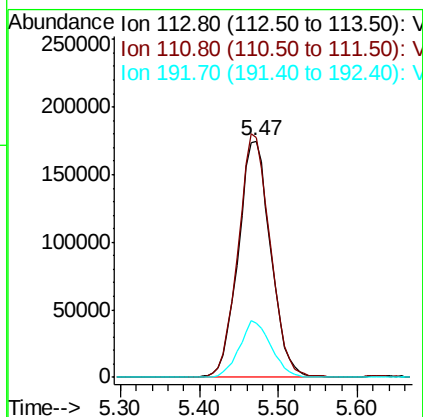
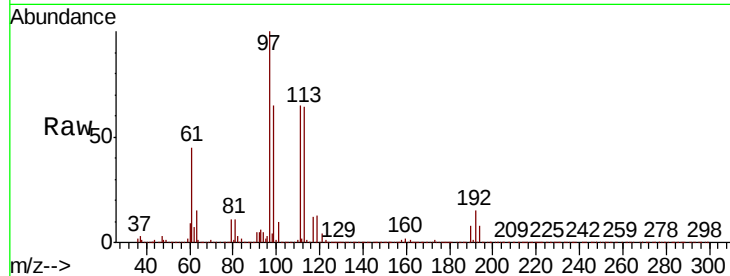




#35
 Dibromofluoromethane
 Concen: 50.420 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015685.D
 Acq: 15 Apr 2020 16:00

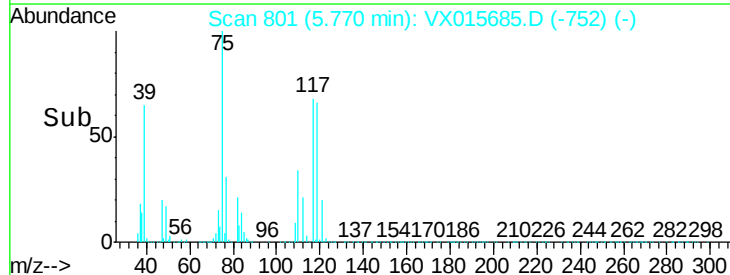
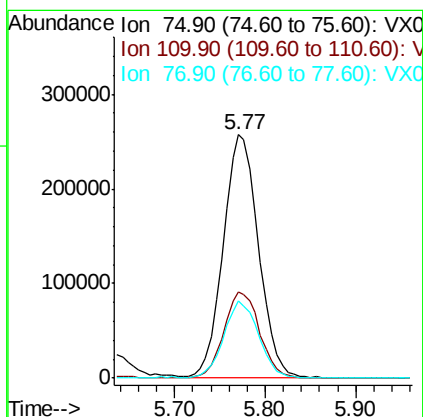
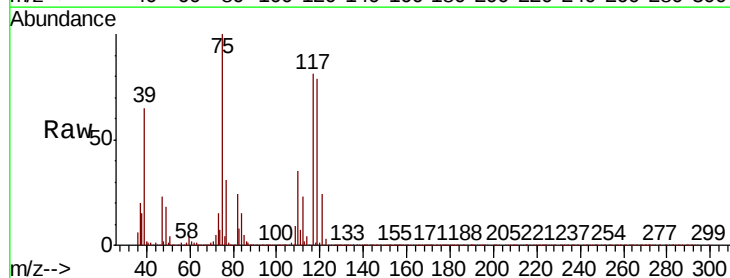
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.5	122.3
192	23.1	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 48.471 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: VX015685.D
 Acq: 15 Apr 2020 16:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.9	17.1	51.3
77	31.0	24.6	36.8

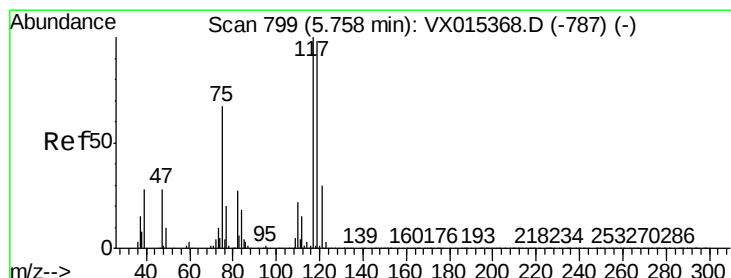
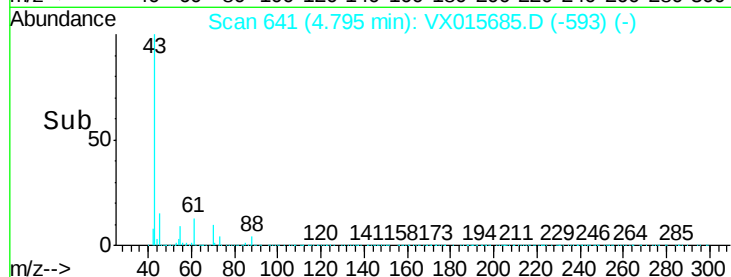
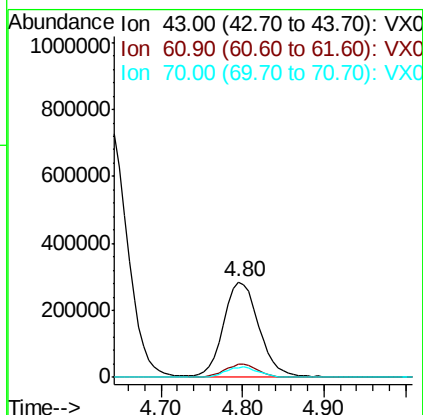
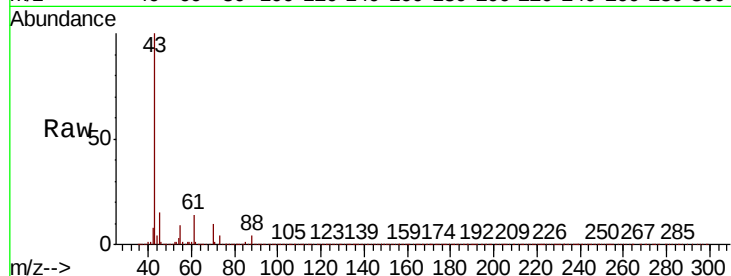




#37
Ethyl Acetate
Concen: 45.679 ug/l
RT: 4.80 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

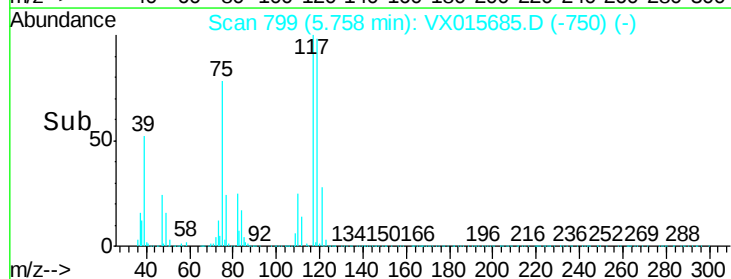
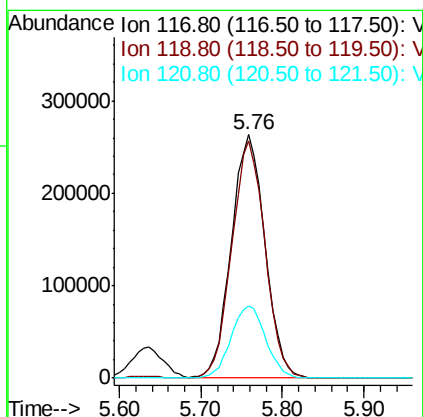
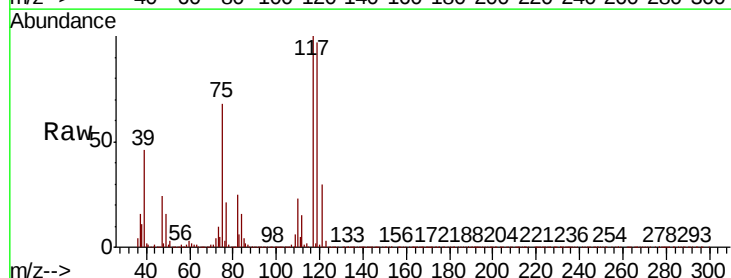
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

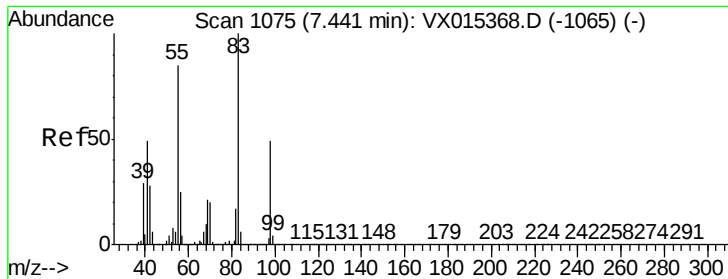
Tot Ion:	43	Resp:	848467
Ion	Ratio	Lower	Upper
43	100		
61	12.9	9.9	14.9
70	10.1	8.1	12.1



#38
Carbon Tetrachloride
Concen: 48.407 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Tgt Ion:	117	Resp:	747940
Ion	Ratio	Lower	Upper
117	100		
119	97.2	78.0	117.0
121	29.7	23.8	35.8

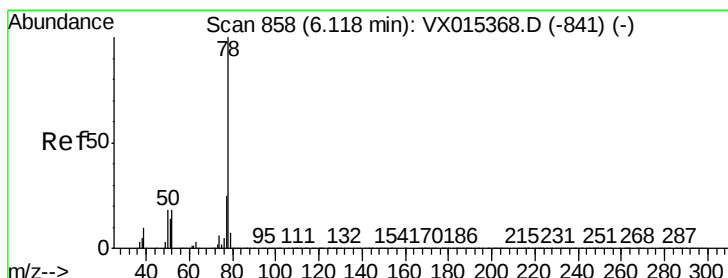
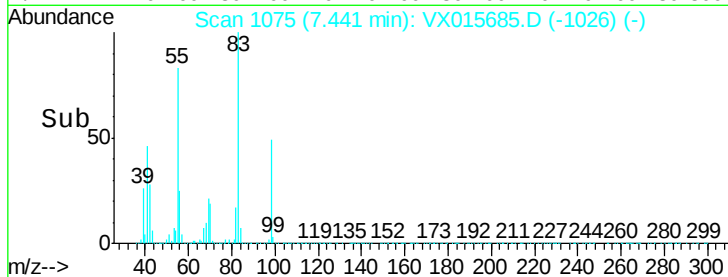
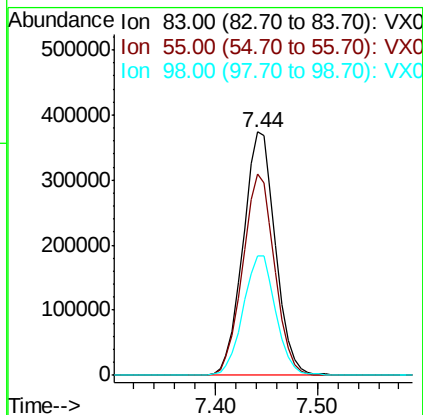
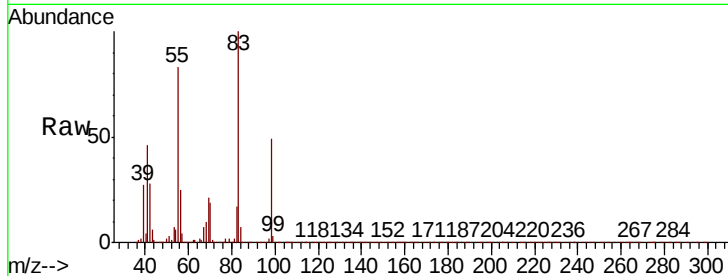




#39
Methvlcvclohexane
Concen: 49.932 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

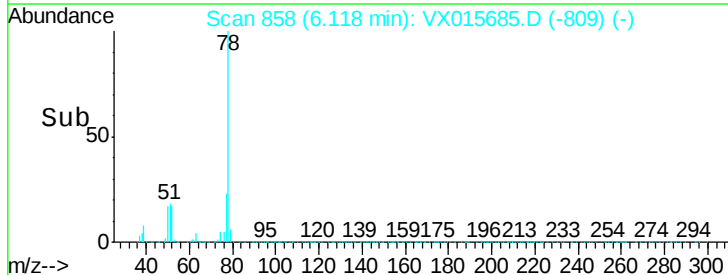
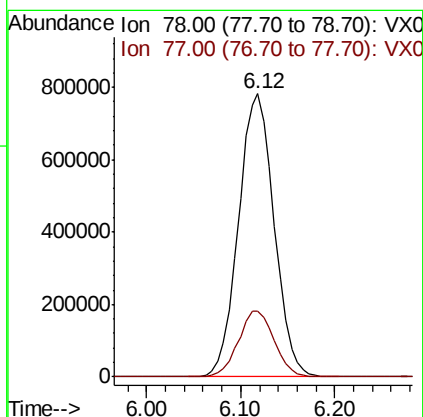
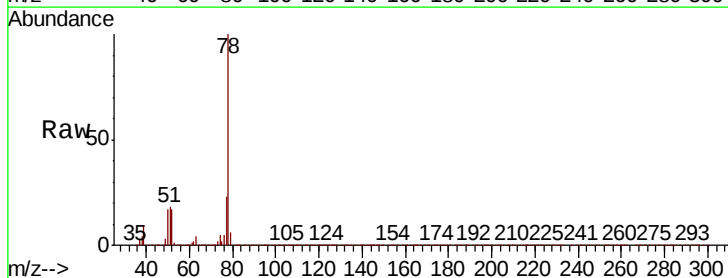
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

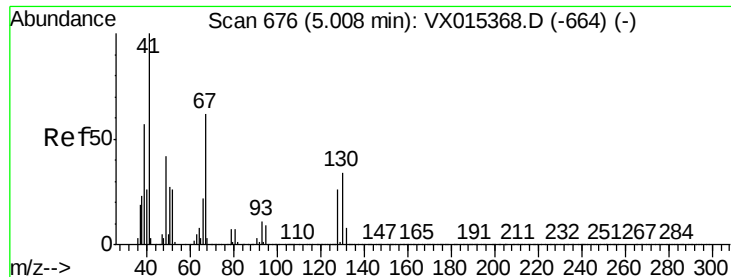
Tot Ion	Ratio	Lower	Upper
83	100		
55	82.5	67.8	101.6
98	48.8	39.3	58.9



#40
Benzene
Concen: 49.419 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.8	29.8

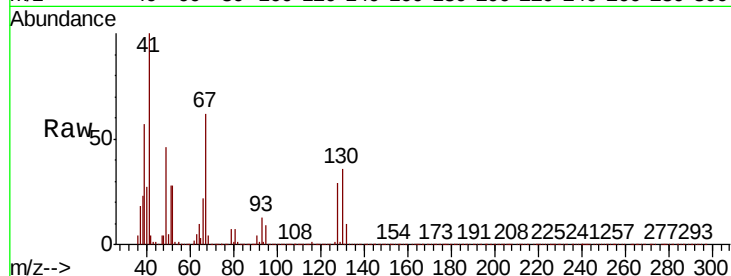




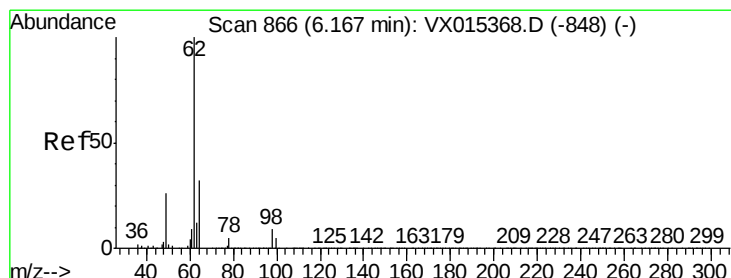
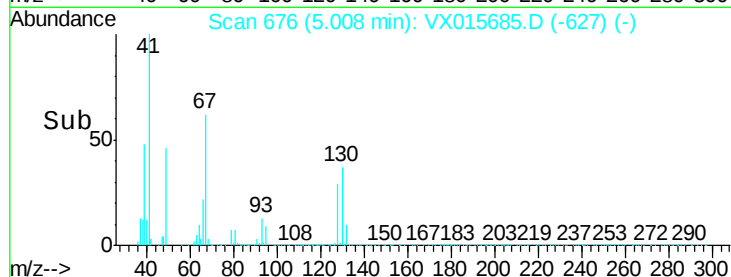
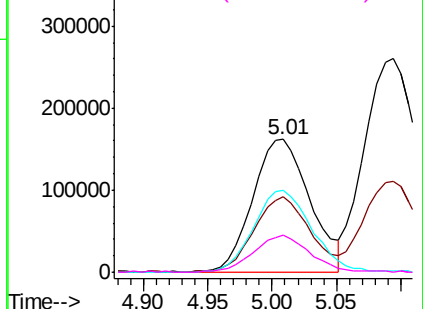
#41
Methacrylonitrile
Concen: 48.086 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	495823
Ion	Ratio	Lower	Upper
41	100		
39	55.1	44.5	66.7
67	62.4	48.9	73.3
52	26.9	21.8	32.6

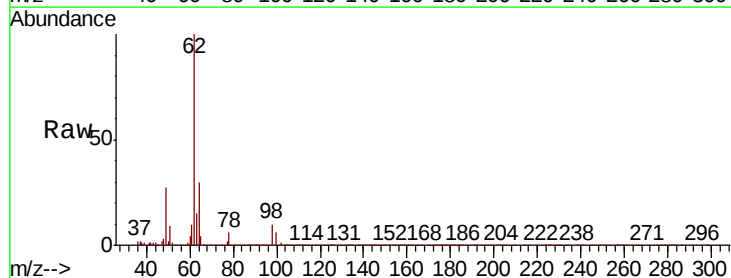


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

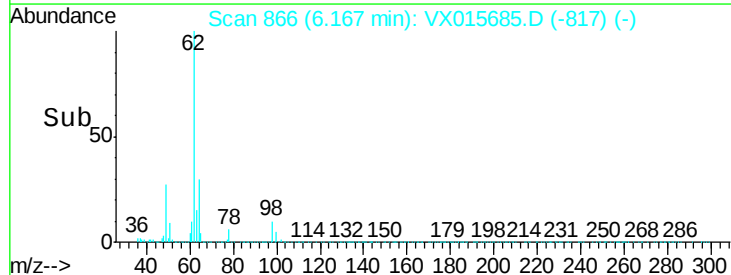
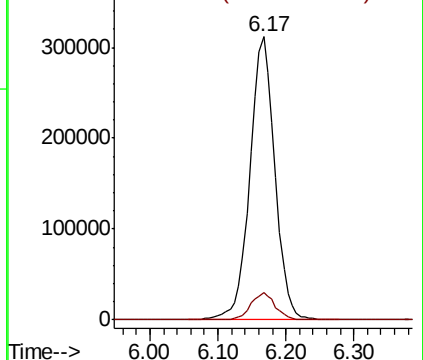


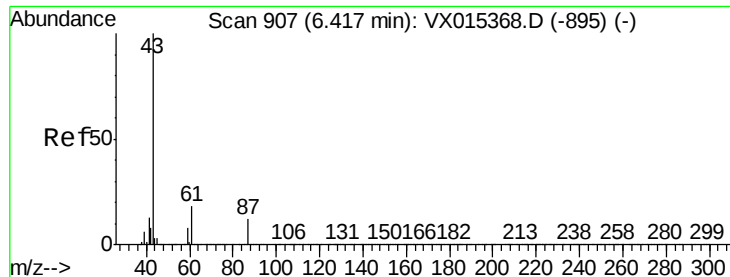
#42
1,2-Dichloroethane
Concen: 47.299 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Tgt Ion:	62	Resp:	793915
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



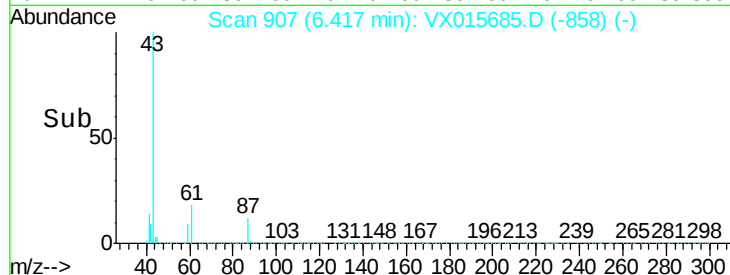
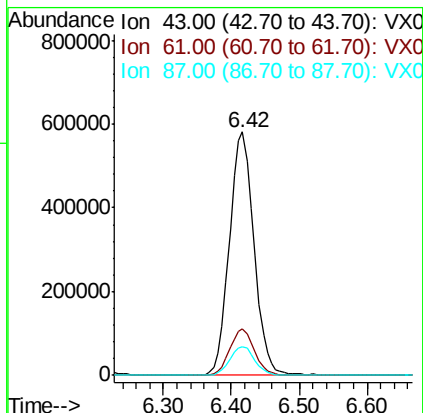
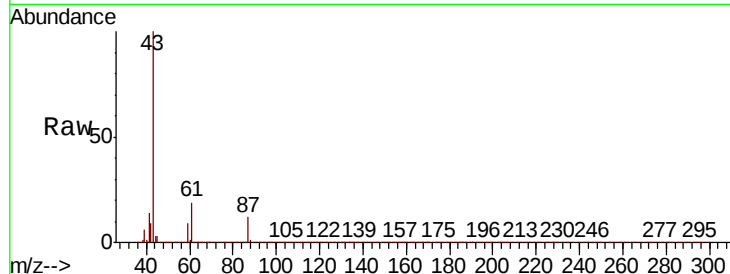


#43

Isopropyl Acetate
 Concen: 46.243 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: VX015685.D
 Acq: 15 Apr 2020 16:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

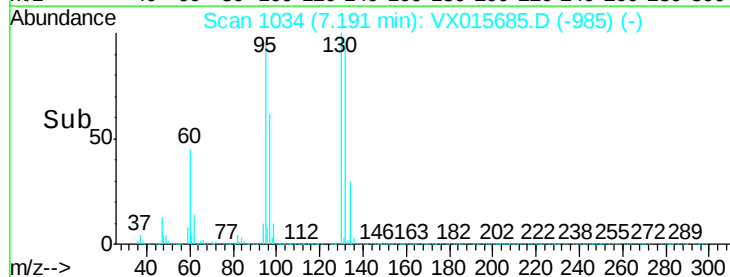
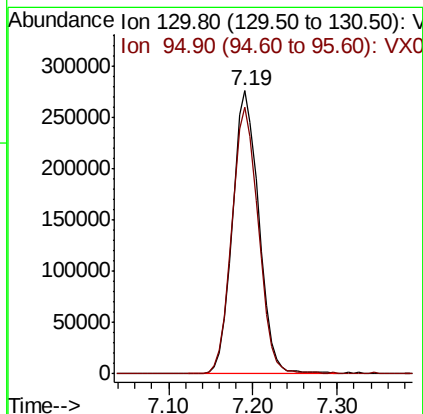
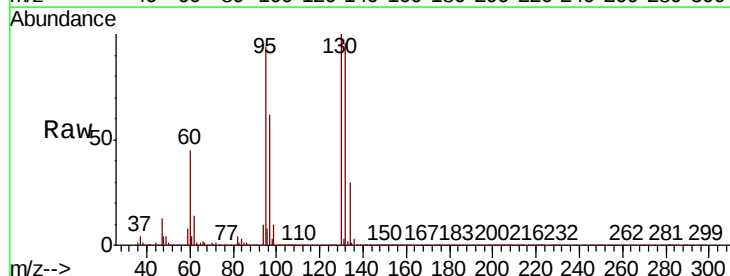
Tot Ion: 43 Resp: 1449997
 Ion Ratio Lower Upper
 43 100
 61 19.0 14.8 22.2
 87 11.9 9.4 14.0

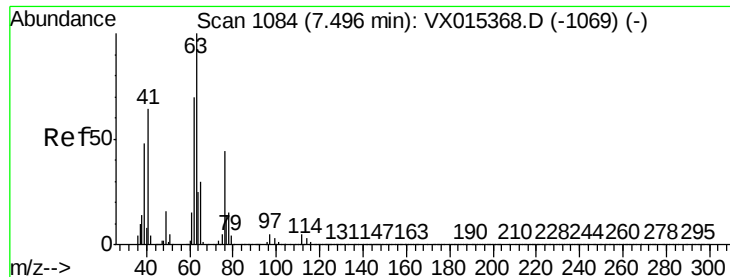


#44

Trichloroethene
 Concen: 51.055 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015685.D
 Acq: 15 Apr 2020 16:00

Tgt Ion: 130 Resp: 581841
 Ion Ratio Lower Upper
 130 100
 95 94.0 0.0 199.0

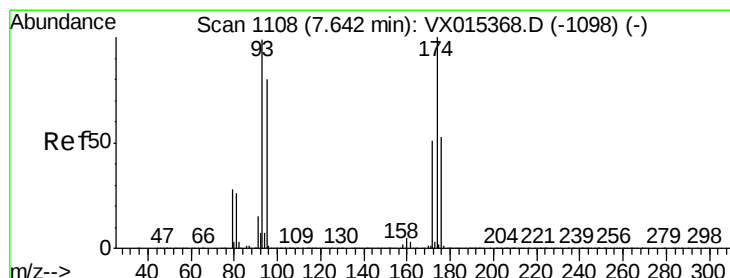
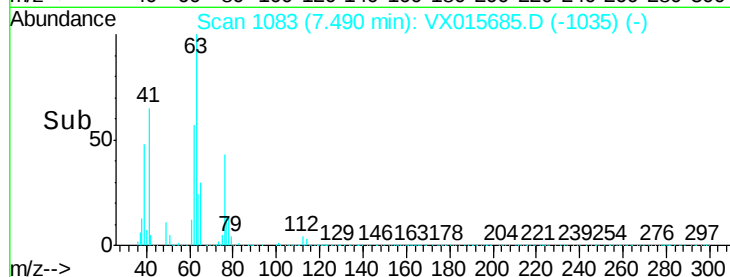
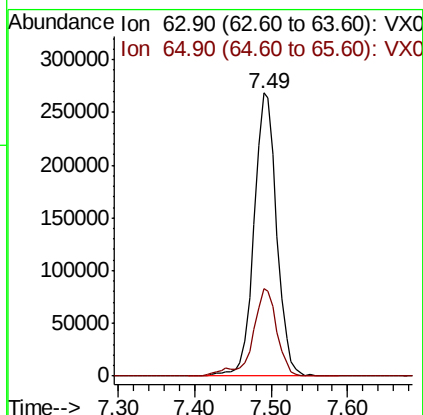
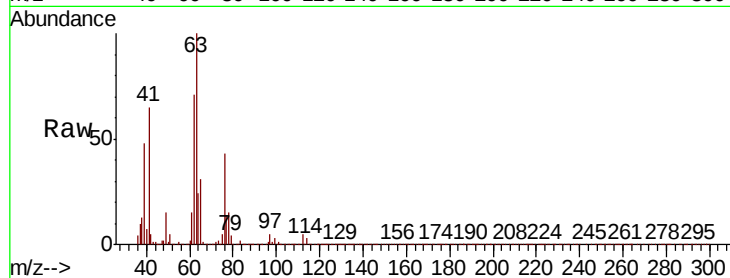




#45
 1,2-Dichloropropane
 Concen: 48.303 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015685.D
 Acq: 15 Apr 2020 16:00

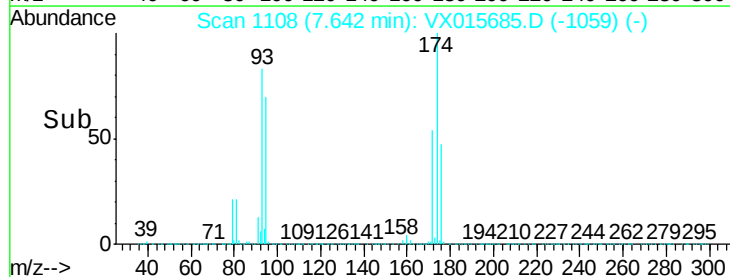
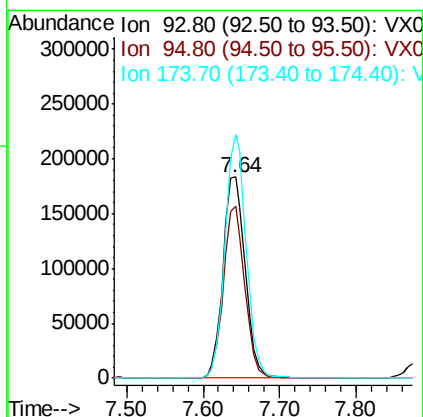
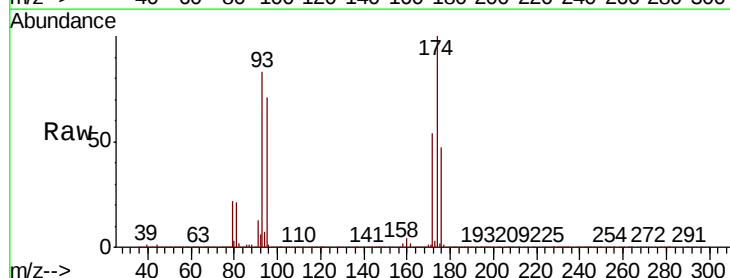
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

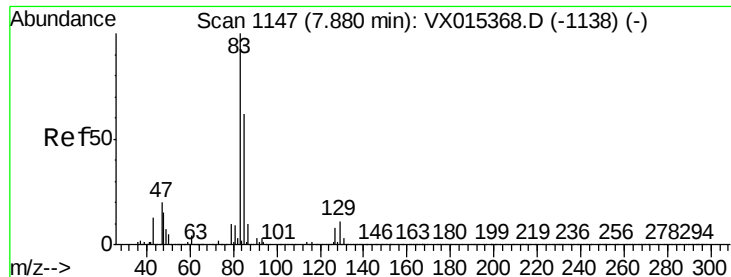
Tot Ion: 63 Resp: 552162
 Ion Ratio Lower Upper
 63 100
 65 30.9 23.9 35.9



#46
 Dibromomethane
 Concen: 48.884 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015685.D
 Acq: 15 Apr 2020 16:00

Tgt Ion: 93 Resp: 366566
 Ion Ratio Lower Upper
 93 100
 95 82.6 65.8 98.8
 174 116.2 86.2 129.2





#47

Bromodichloromethane

Concen: 48.426 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

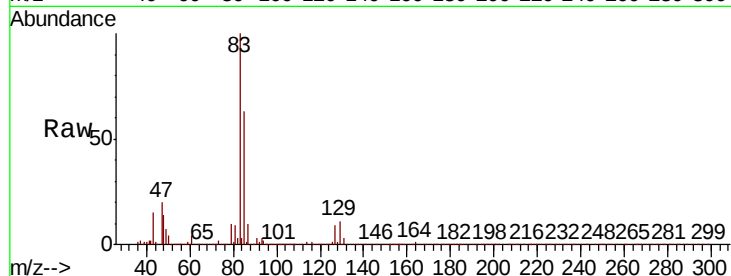
Tot Ion: 83 Resp: 773756

Ion Ratio Lower Upper

83 100

85 63.4 49.7 74.5

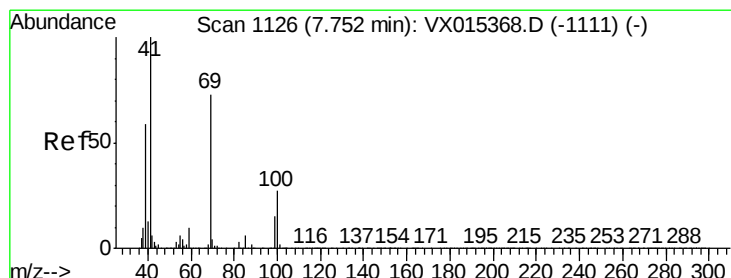
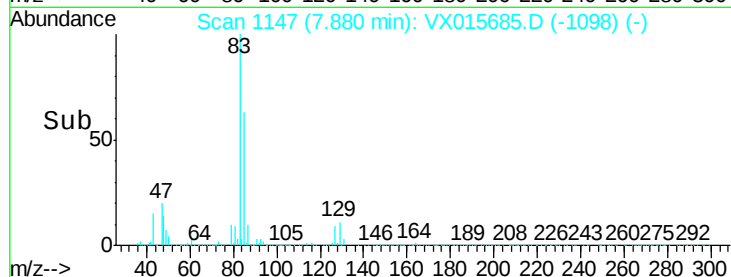
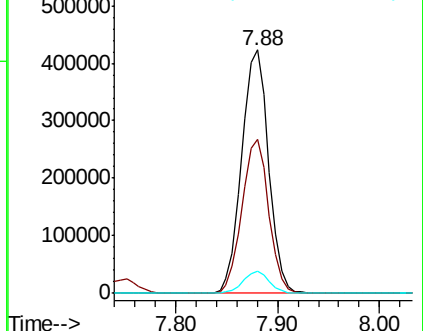
127 8.9 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 46.400 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. -0.01 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

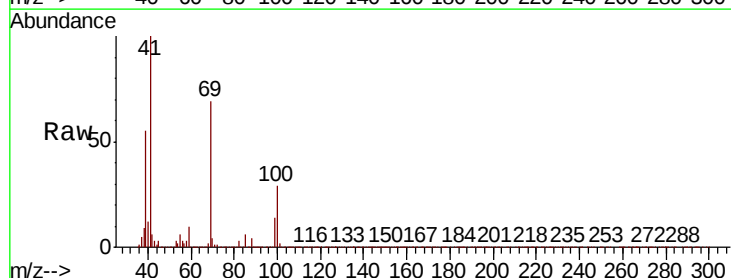
Tgt Ion: 41 Resp: 726713

Ion Ratio Lower Upper

41 100

69 72.6 56.7 85.1

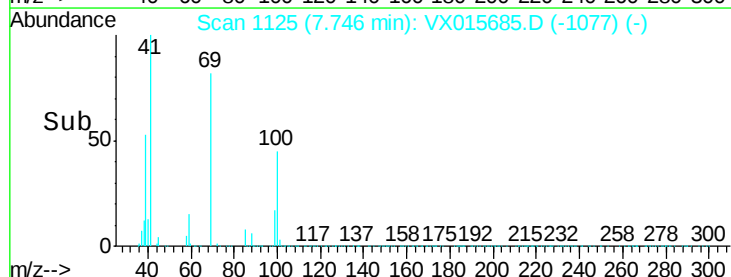
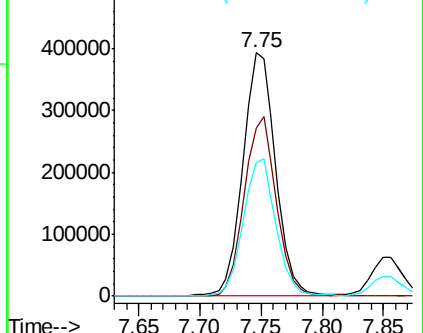
39 55.9 46.5 69.7

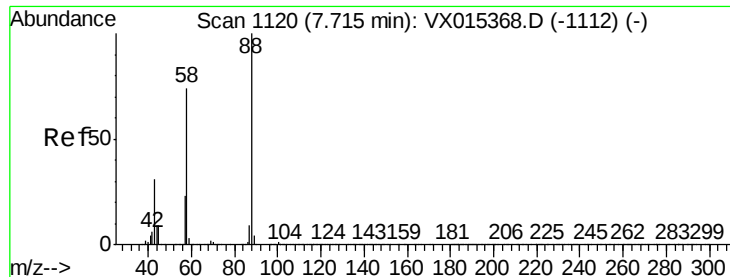


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 933.613 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

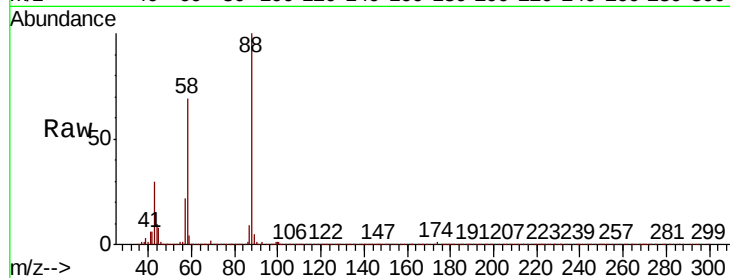
Tot Ion: 88 Resp: 272775

Ion Ratio Lower Upper

88 100

43 35.7 30.1 45.1

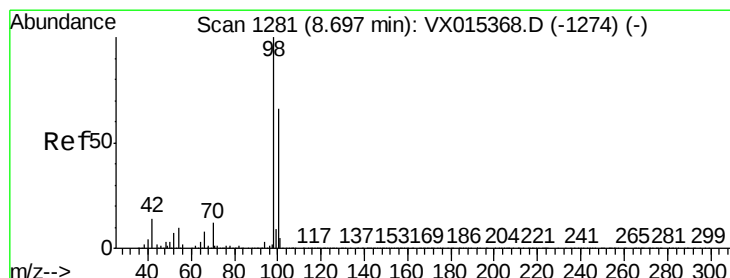
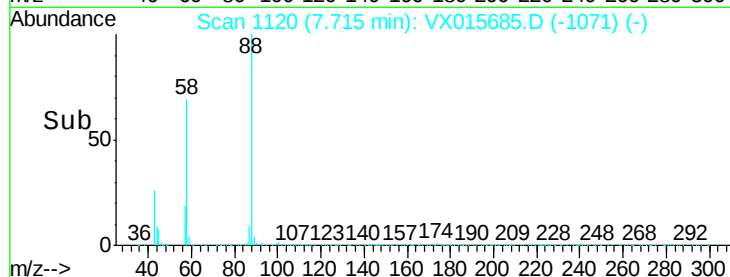
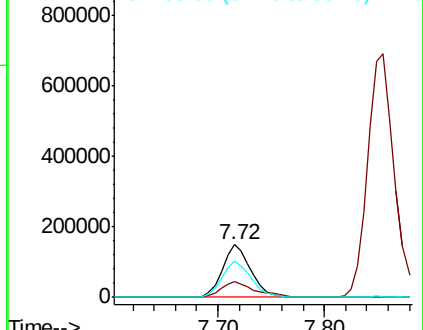
58 72.0 60.6 90.8



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.296 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015685.D

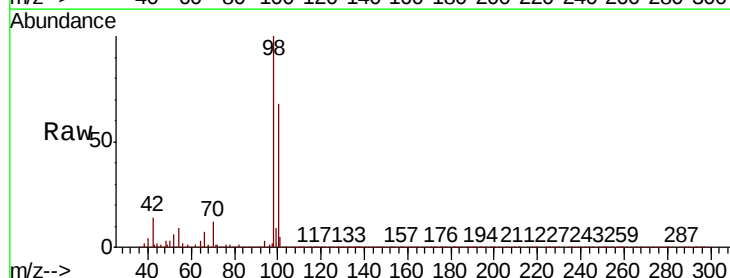
Acq: 15 Apr 2020 16:00

Tgt Ion: 98 Resp: 1832644

Ion Ratio Lower Upper

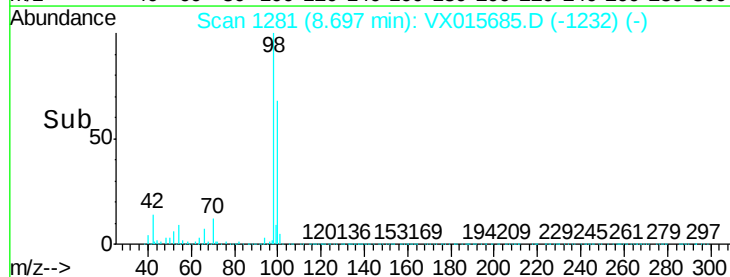
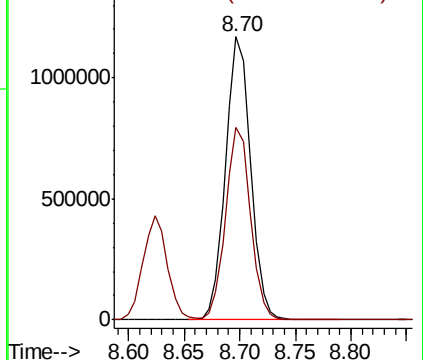
98 100

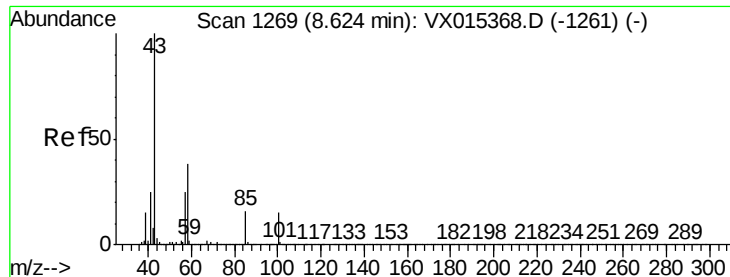
100 67.5 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 242.031 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

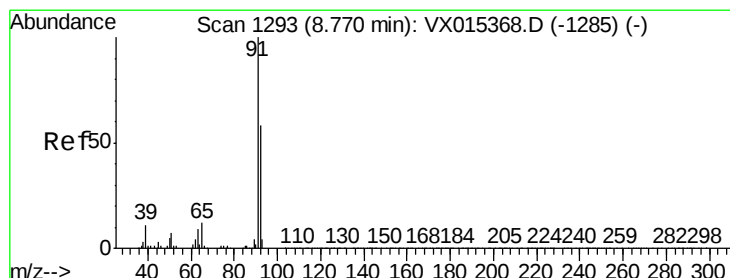
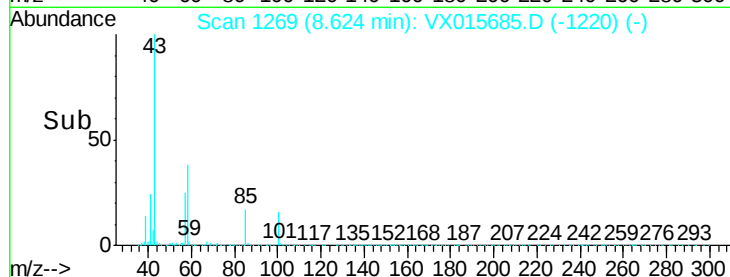
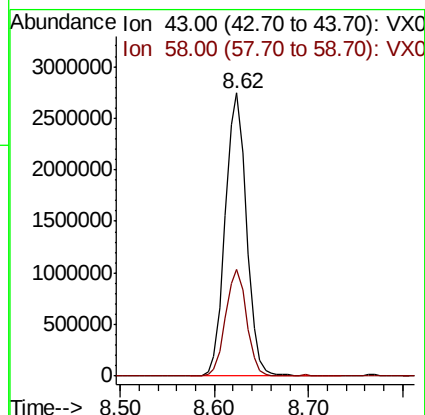
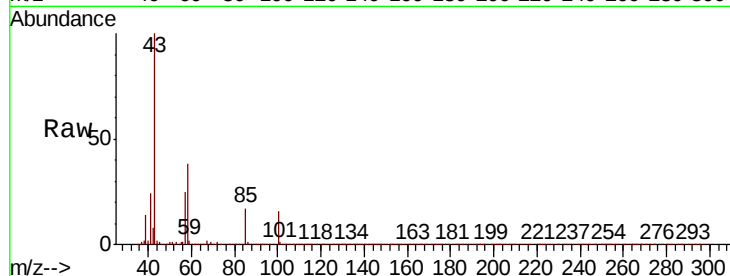
VSTDCCC050

Tot Ion: 43 Resp: 4300886

Ion Ratio Lower Upper

43 100

58 37.2 29.7 44.5



#52

Toluene

Concen: 50.858 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015685.D

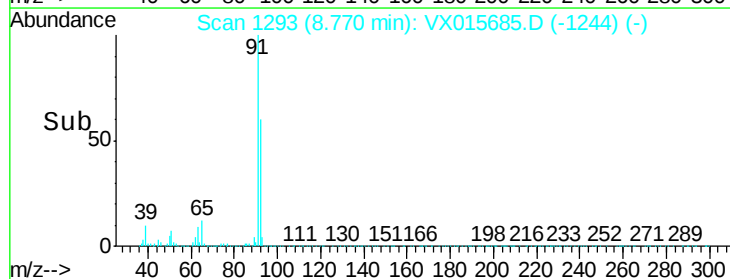
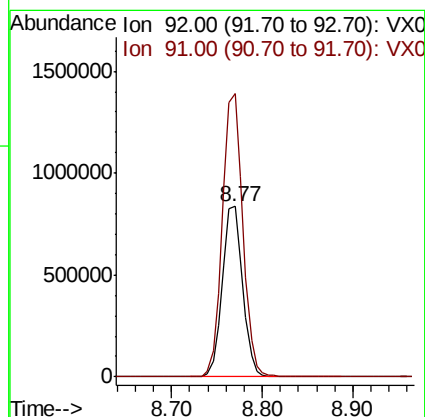
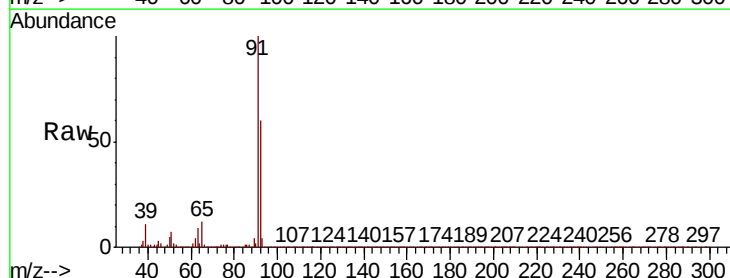
Acq: 15 Apr 2020 16:00

Tgt Ion: 92 Resp: 1310254

Ion Ratio Lower Upper

92 100

91 166.9 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 46.888 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

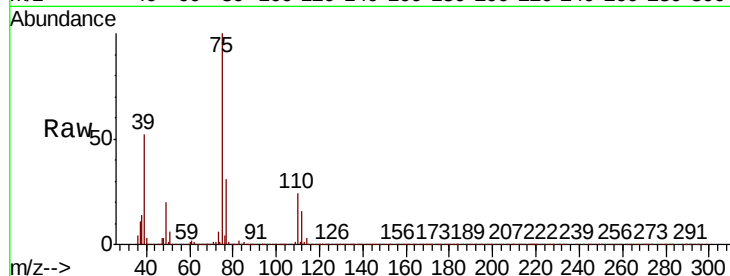
VSTDCCC050

Tot Ion: 75 Resp: 878651

Ion Ratio Lower Upper

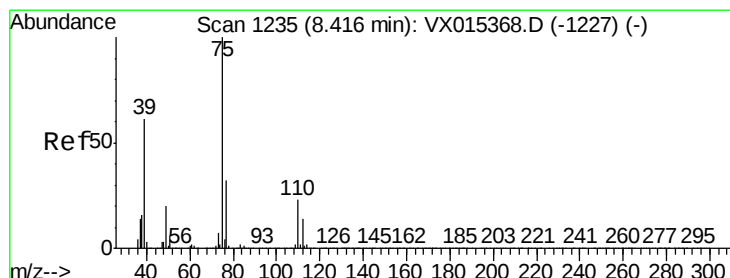
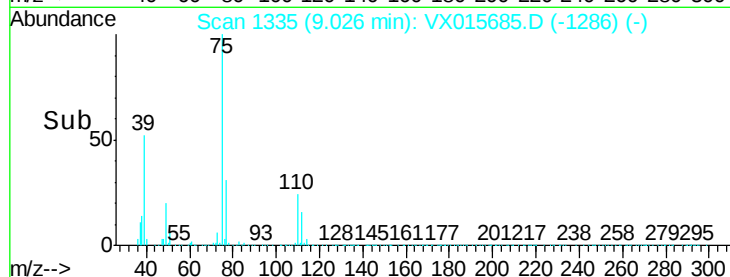
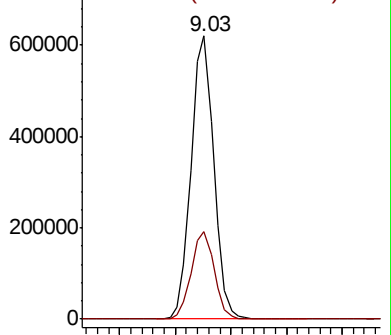
75 100

77 31.1 24.1 36.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 48.078 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

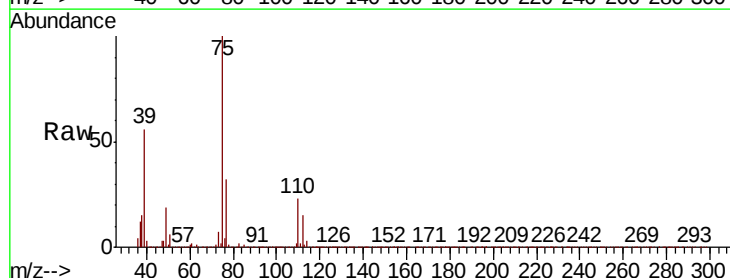
Tgt Ion: 75 Resp: 917775

Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.6

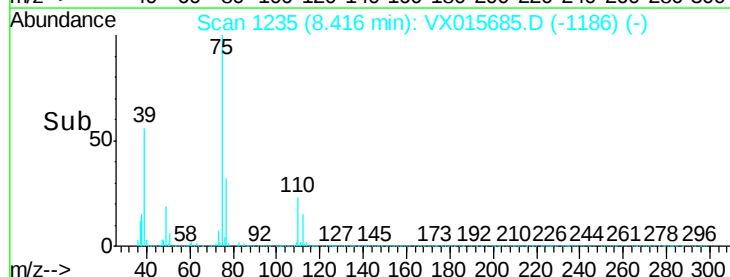
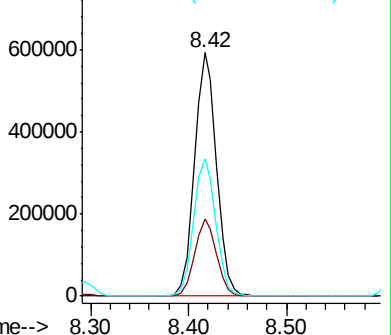
39 56.4 49.0 73.4

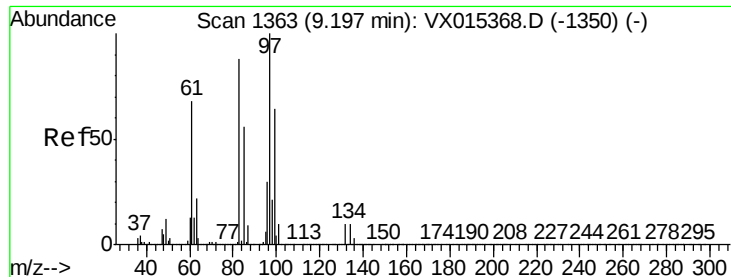


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 50.935 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

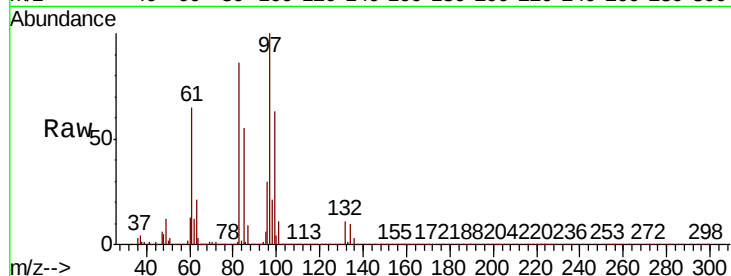
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 537630

Ion	Ratio	Lower	Upper
97	100		
83	86.5	70.2	105.4
85	54.8	44.7	67.1
99	62.9	51.1	76.7

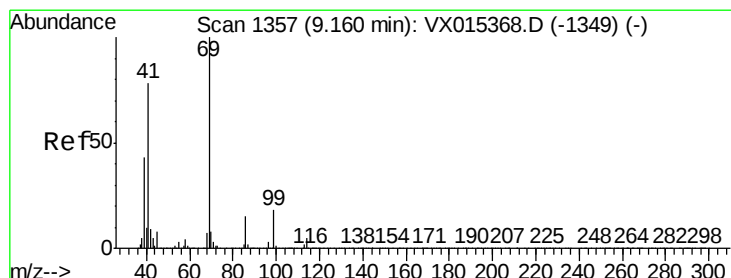
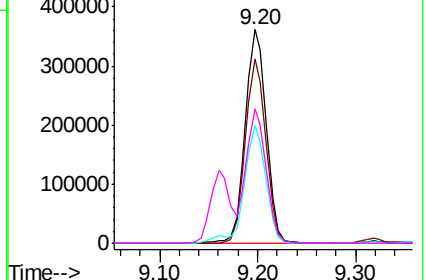
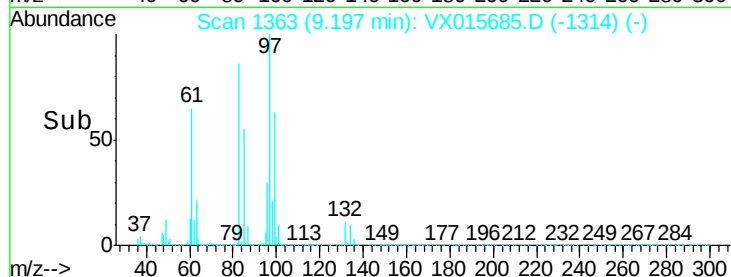


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 47.966 ug/l

RT: 9.16 min Scan# 1357

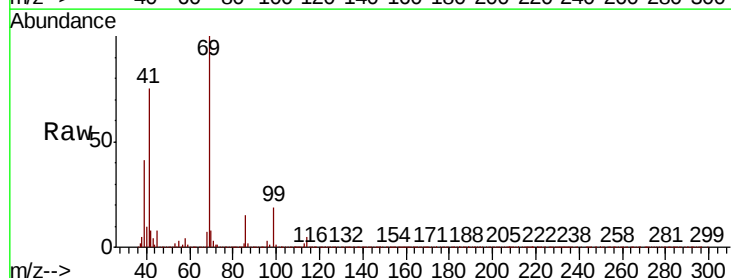
Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Tgt Ion: 69 Resp: 892269

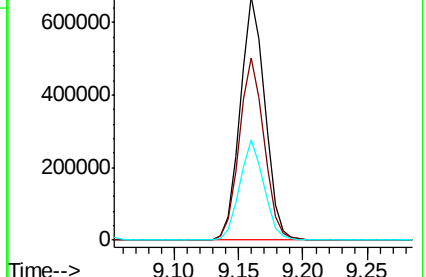
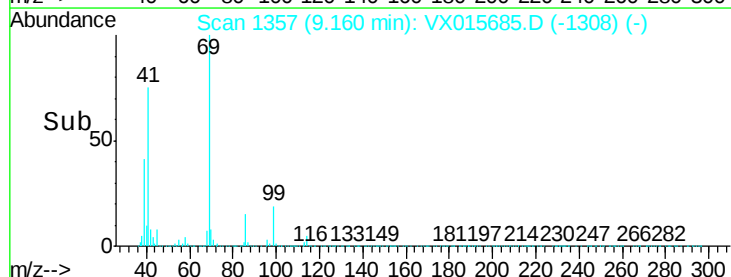
Ion	Ratio	Lower	Upper
69	100		
41	74.9	61.6	92.4
39	40.2	34.0	51.0

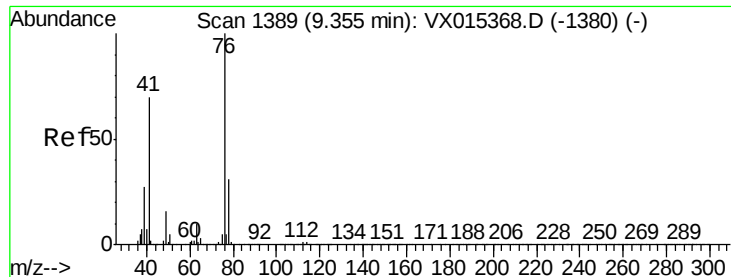


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 48.690 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

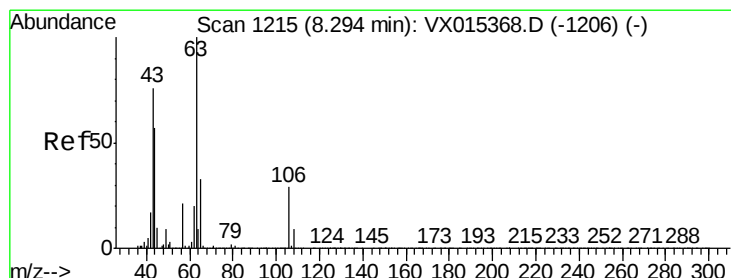
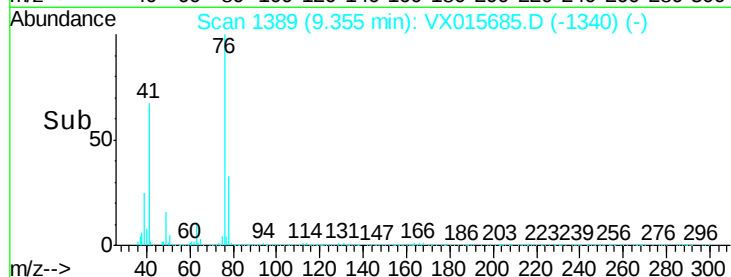
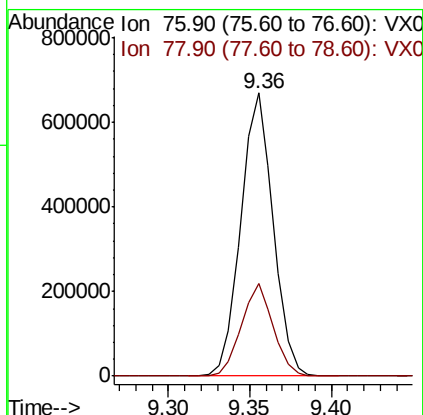
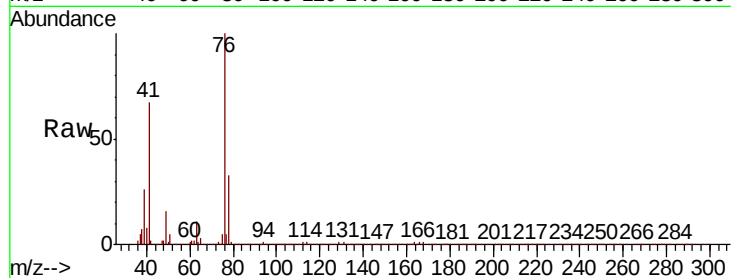
VSTDCCC050

Tot Ion: 76 Resp: 925936

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 249.048 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015685.D

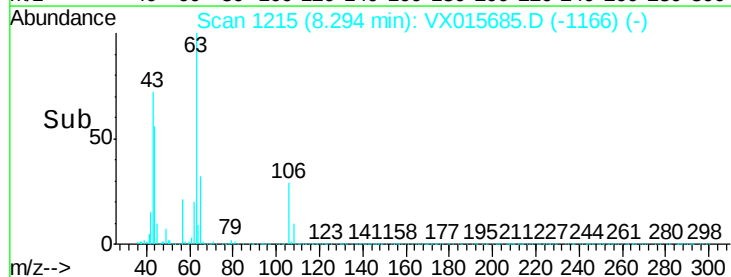
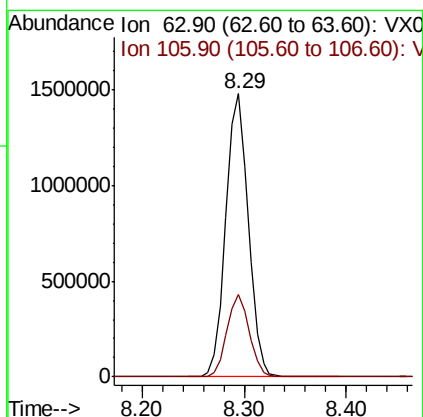
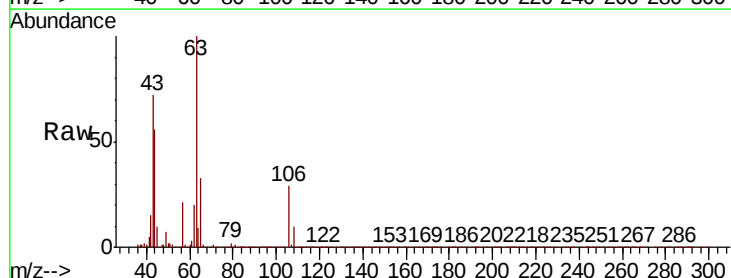
Acq: 15 Apr 2020 16:00

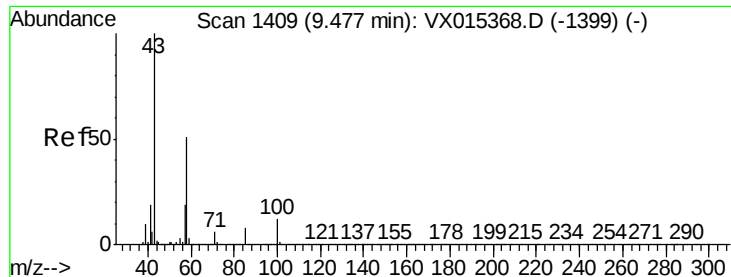
Tgt Ion: 63 Resp: 2253433

Ion Ratio Lower Upper

63 100

106 29.0 22.7 34.1

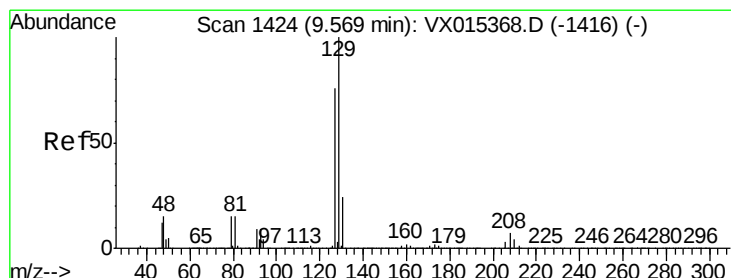
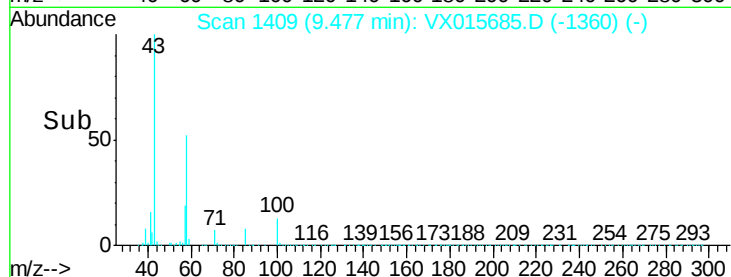
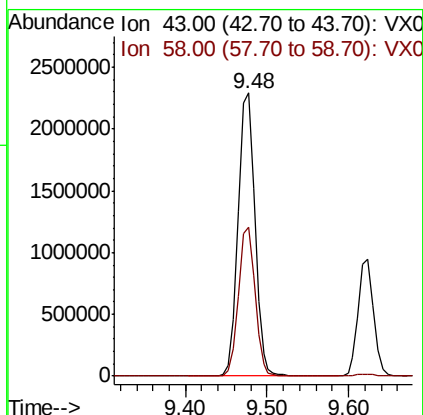
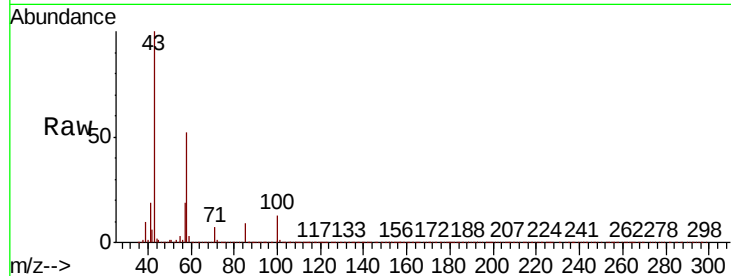




#59
2-Hexanone
Concen: 240.842 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

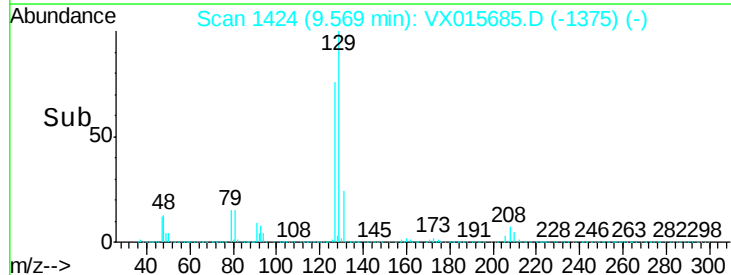
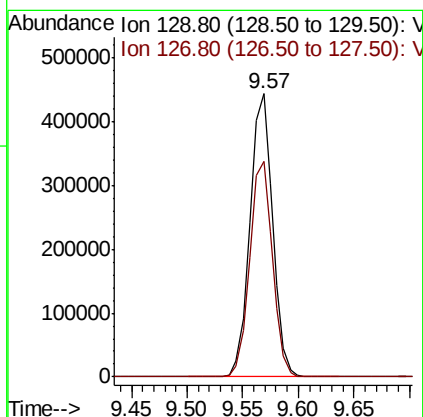
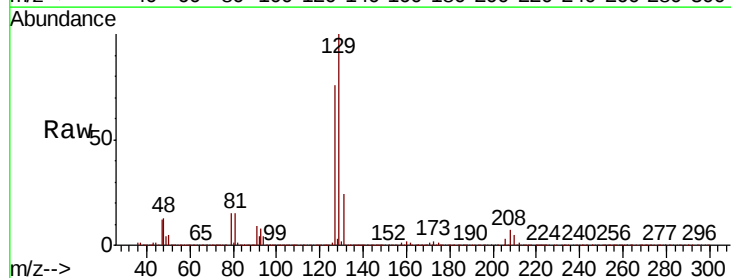
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

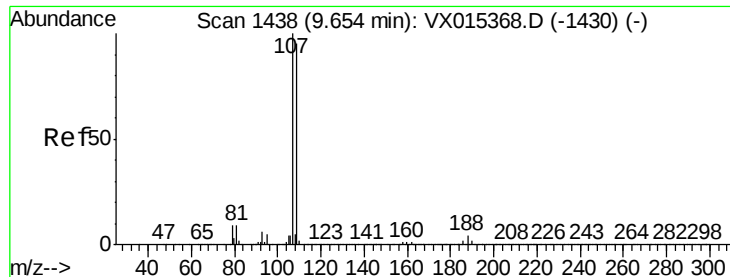
Tot Ion: 43 Resp: 3231120
Ion Ratio Lower Upper
43 100
58 52.1 25.6 76.6



#60
Dibromochloromethane
Concen: 49.516 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Tgt Ion: 129 Resp: 628029
Ion Ratio Lower Upper
129 100
127 76.5 38.2 114.6





#61

1,2-Dibromoethane

Concen: 49.997 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

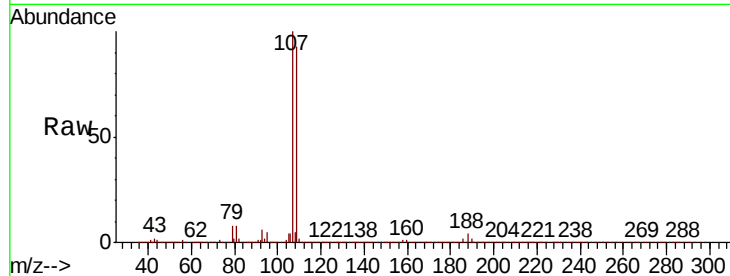
VSTDCCC050

Tot Ion: 107 Resp: 573823

Ion Ratio Lower Upper

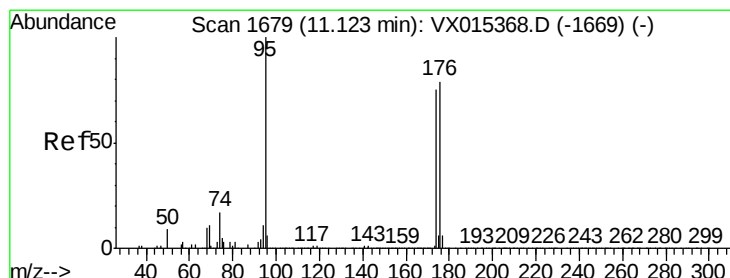
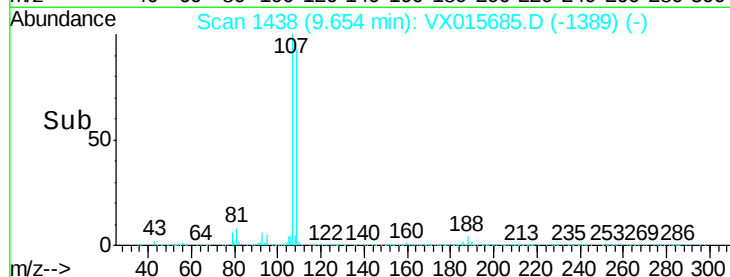
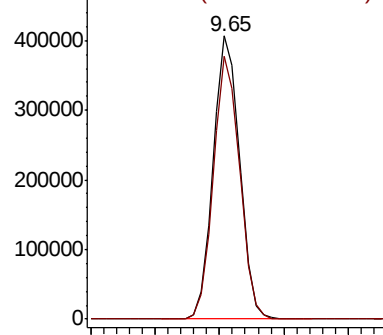
107 100

109 92.5 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.500 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

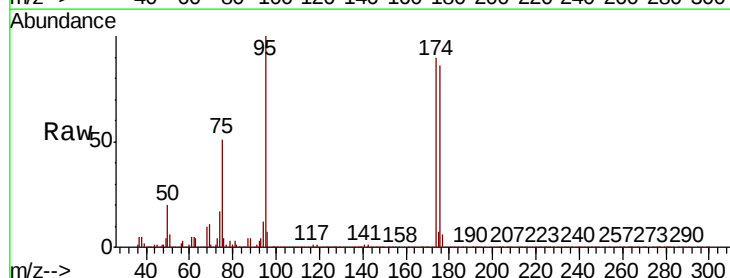
Tgt Ion: 95 Resp: 733012

Ion Ratio Lower Upper

95 100

174 89.8 0.0 158.6

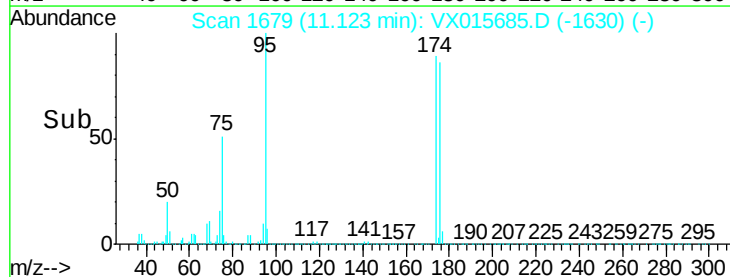
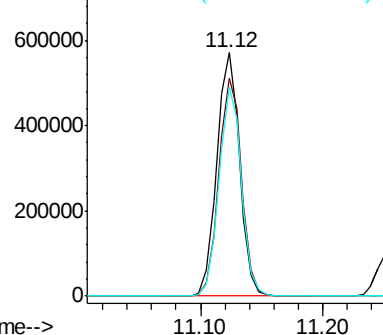
176 85.1 0.0 159.0



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

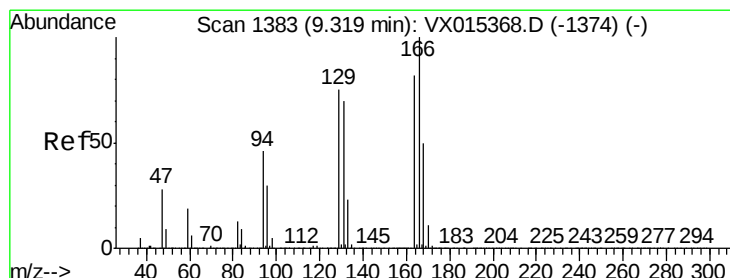
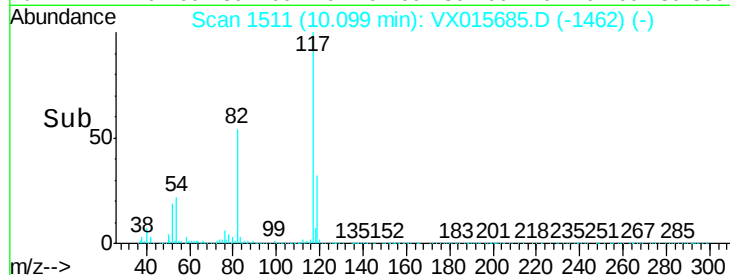
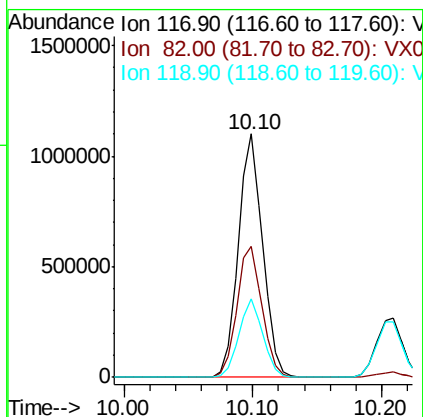
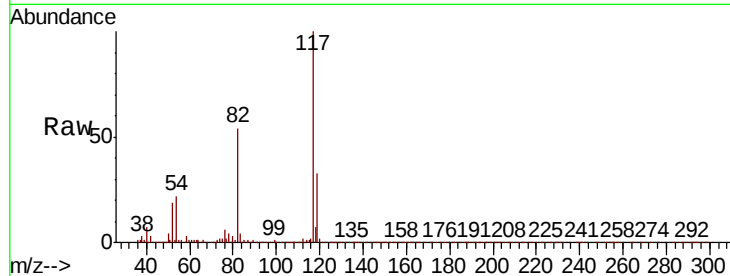




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

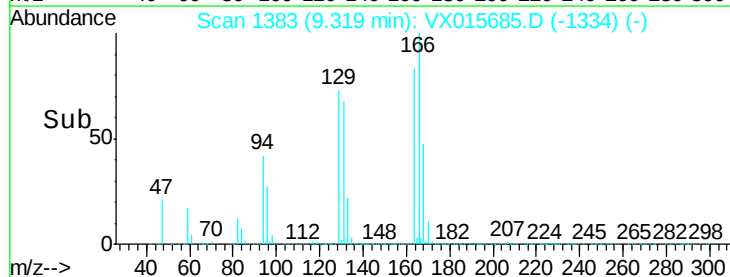
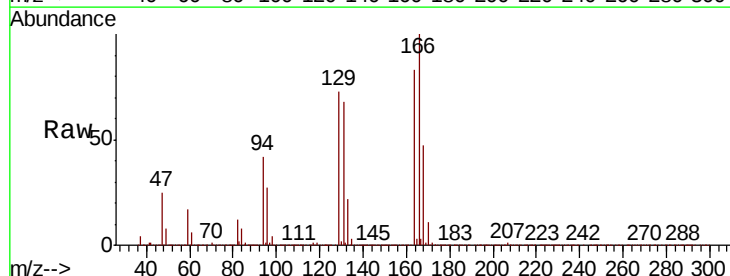
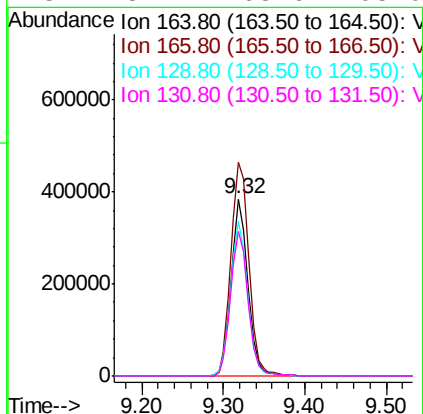
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

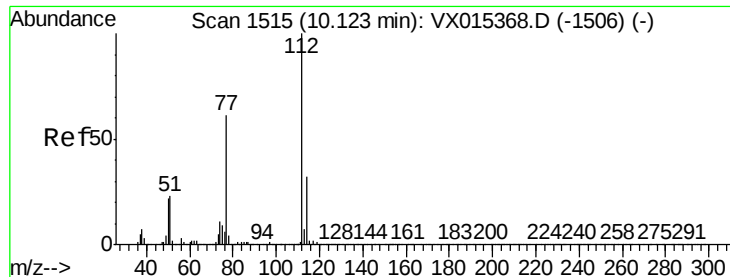
Tot Ion:117 Resp: 1436186
Ion Ratio Lower Upper
117 100
82 54.0 47.8 71.8
119 32.5 26.8 40.2



#64
Tetrachloroethene
Concen: 49.512 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Tgt Ion:164 Resp: 536633
Ion Ratio Lower Upper
164 100
166 120.9 97.8 146.6
129 88.0 73.0 109.4
131 82.2 68.6 103.0

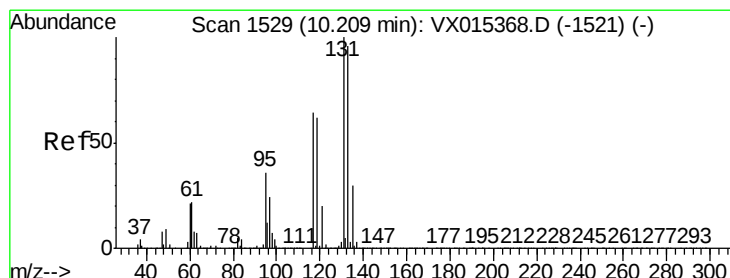
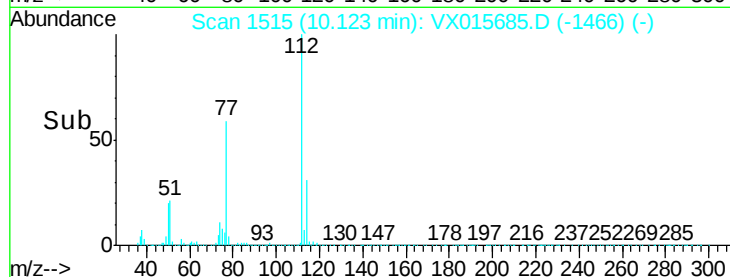
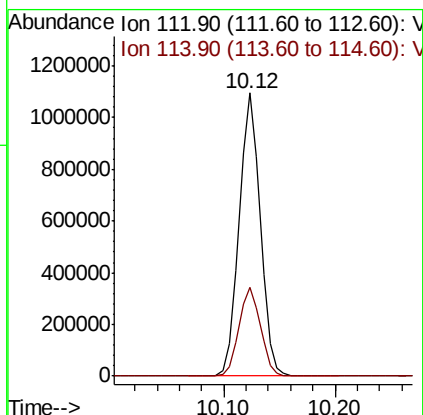
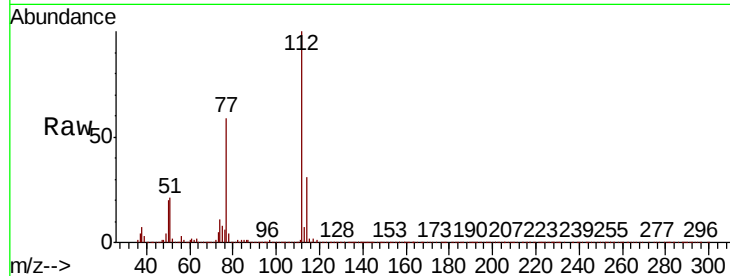




#65
Chlorobenzene
Concen: 50.257 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

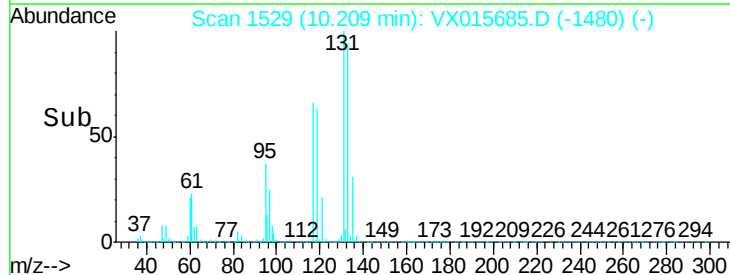
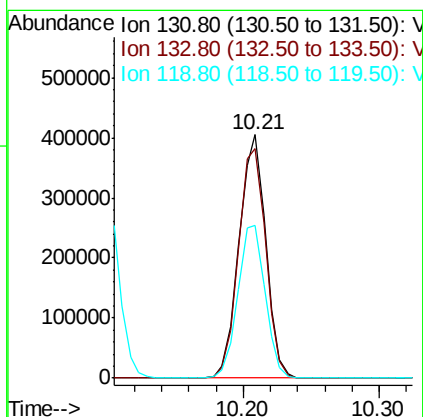
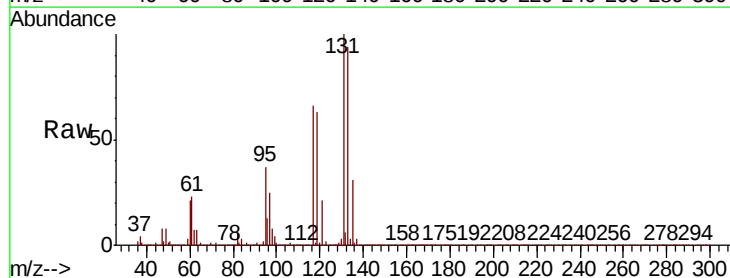
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

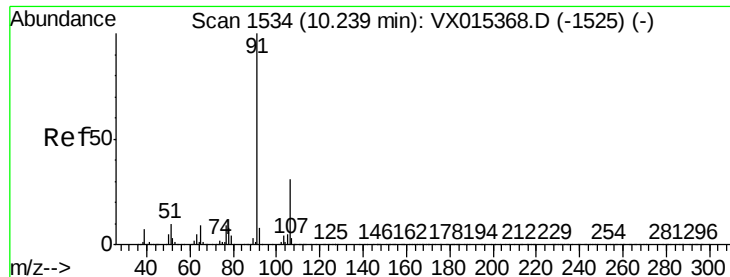
Tot Ion:112 Resp: 1439463
Ion Ratio Lower Upper
112 100
114 31.4 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 48.293 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Tgt Ion:131 Resp: 552596
Ion Ratio Lower Upper
131 100
133 96.7 47.6 142.9
119 64.3 31.1 93.3





#67

Ethyl Benzene

Concen: 50.076 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

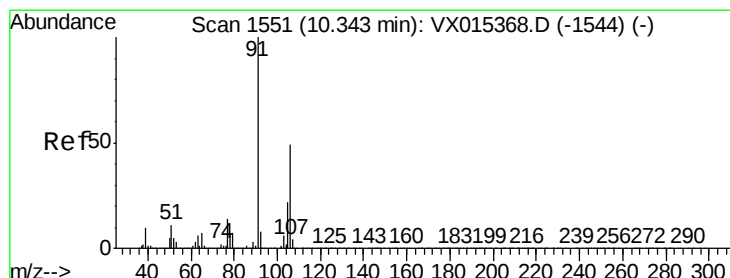
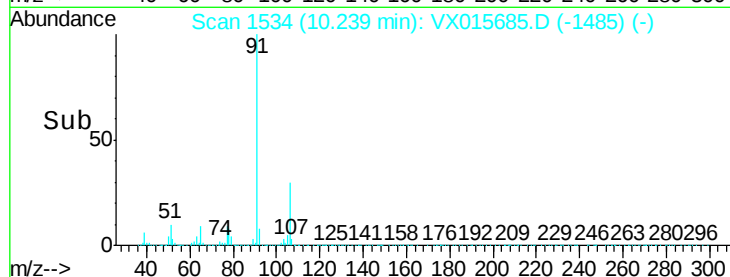
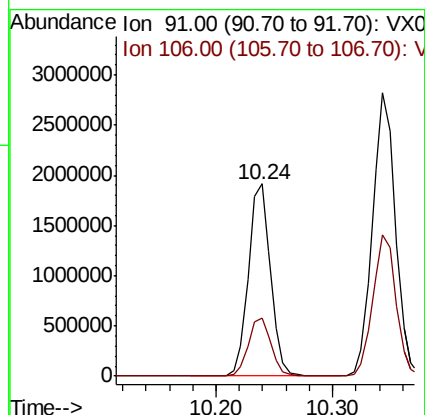
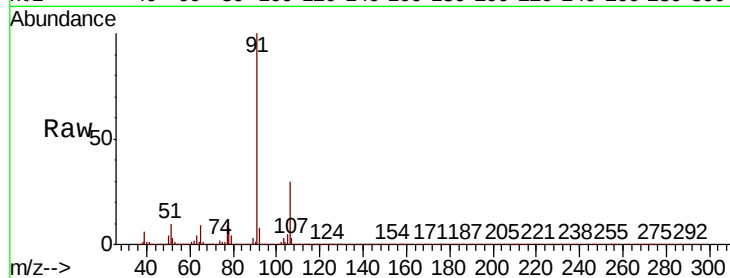
VSTDCCC050

Tot Ion: 91 Resp: 2543826

Ion Ratio Lower Upper

91 100

106 30.4 24.8 37.2



#68

m/p-Xylenes

Concen: 102.843 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015685.D

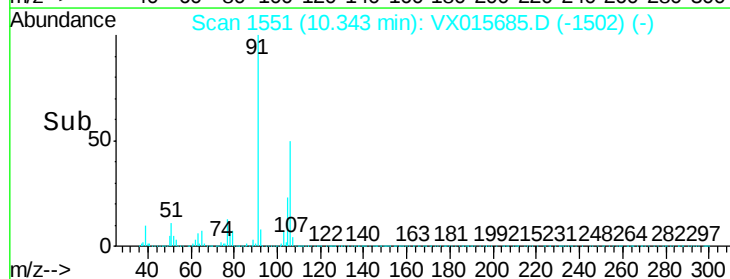
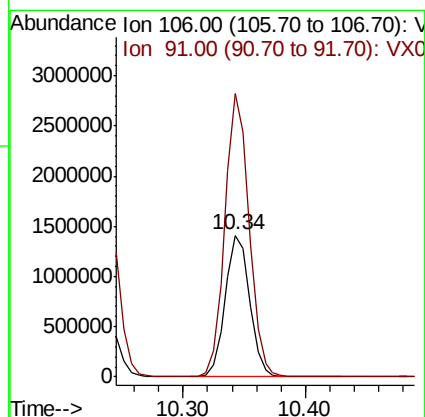
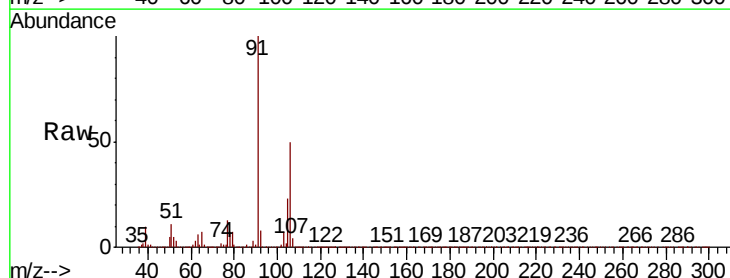
Acq: 15 Apr 2020 16:00

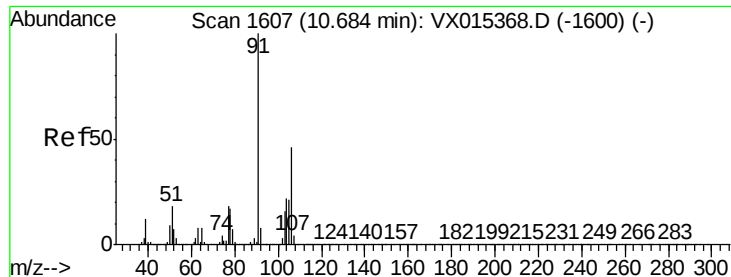
Tgt Ion: 106 Resp: 1945365

Ion Ratio Lower Upper

106 100

91 198.1 163.4 245.0

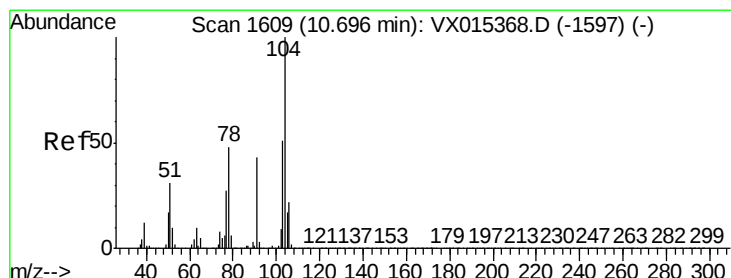
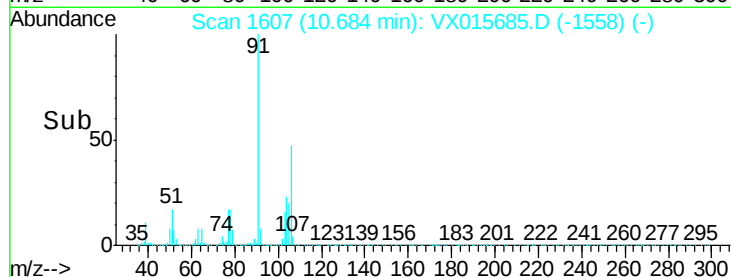
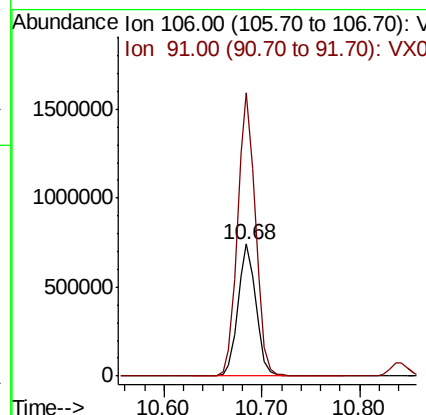
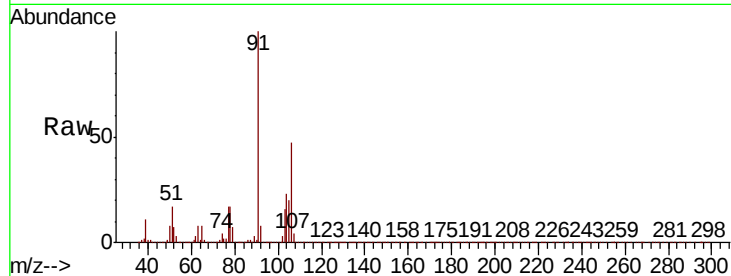




#69
o-Xylene
Concen: 50.326 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

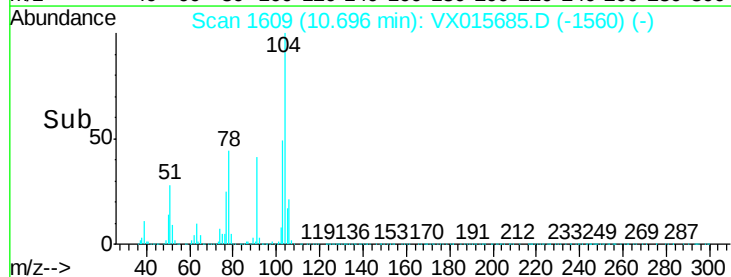
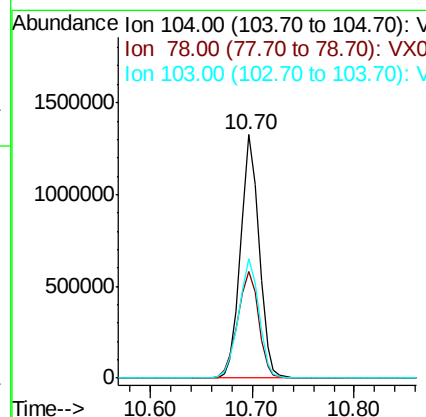
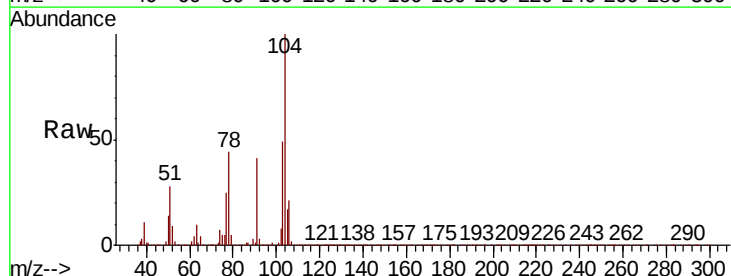
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

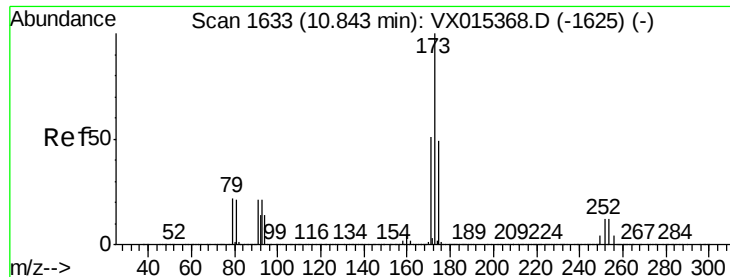
Tot Ion:106 Resp: 940702
Ion Ratio Lower Upper
106 100
91 214.2 107.1 321.3



#70
Styrene
Concen: 50.248 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Tgt Ion:104 Resp: 1652751
Ion Ratio Lower Upper
104 100
78 50.2 42.0 63.0
103 54.0 43.4 65.0

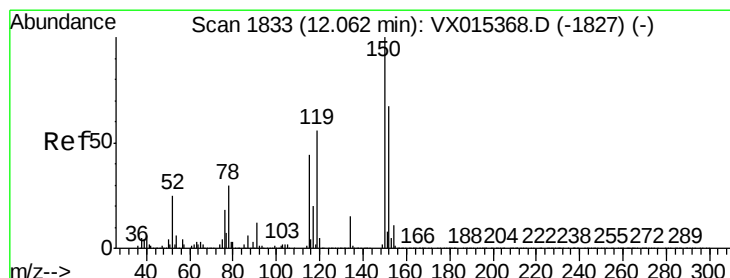
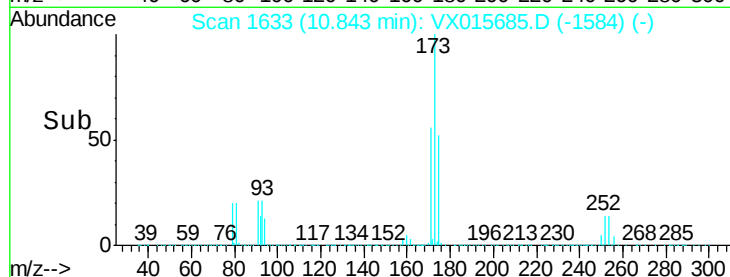
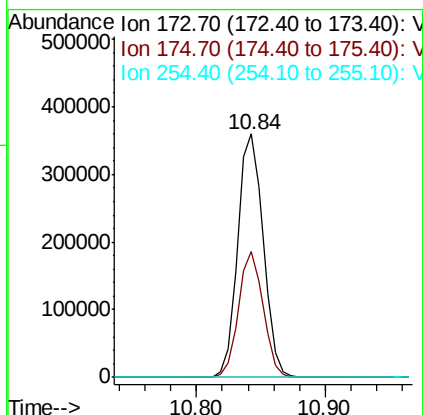
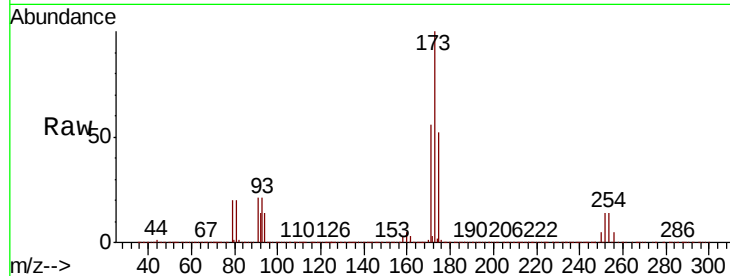




#71
Bromoform
Concen: 47.401 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

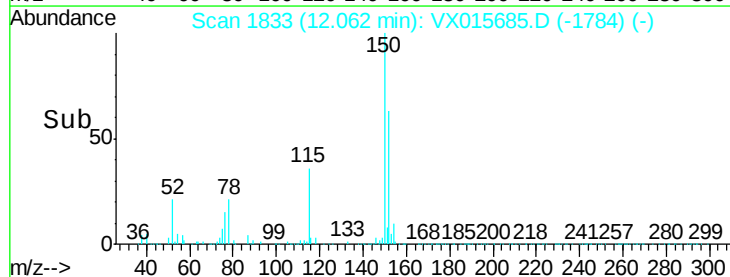
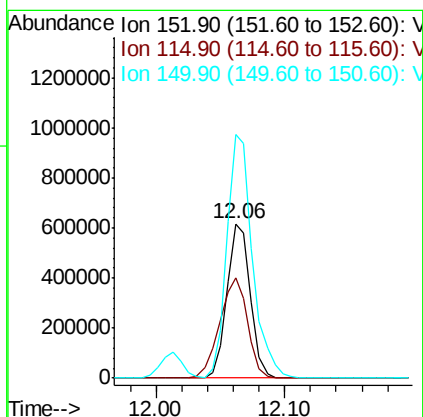
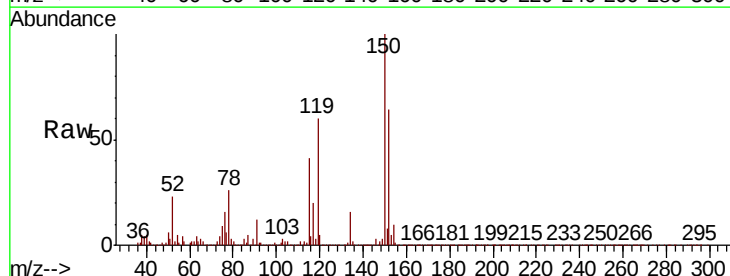
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

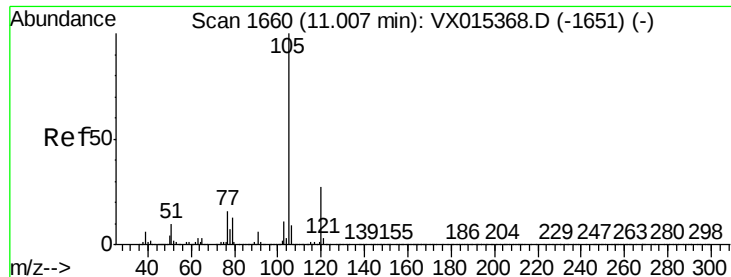
Tot Ion:173 Resp: 493755
Ion Ratio Lower Upper
173 100
175 49.9 23.9 71.7
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Tgt Ion:152 Resp: 785334
Ion Ratio Lower Upper
152 100
115 77.4 39.0 116.9
150 172.7 0.0 340.8





#73

Isopropylbenzene

Concen: 49.122 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

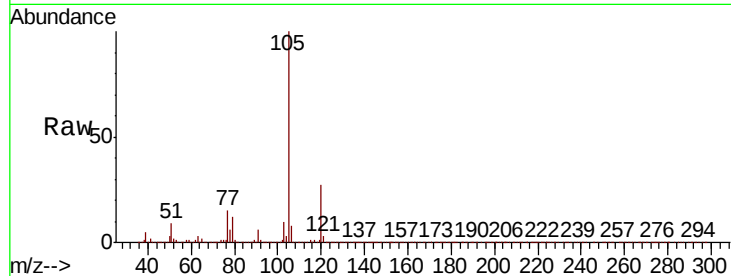
VSTDCCC050

Tot Ion:105 Resp: 2527669

Ion Ratio Lower Upper

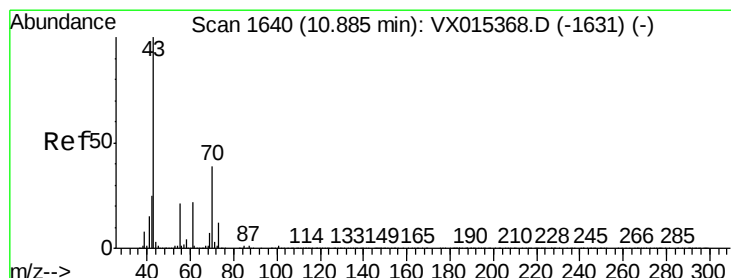
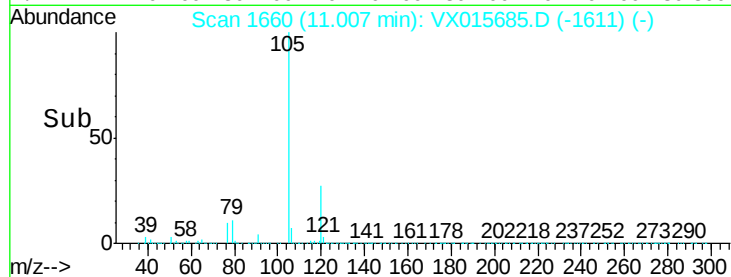
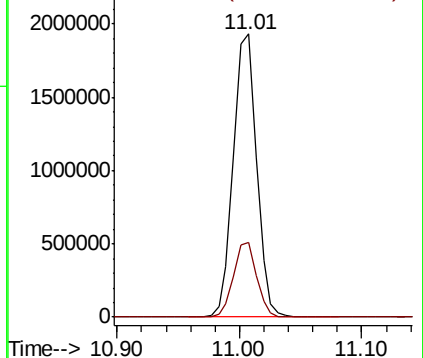
105 100

120 26.4 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 43.279 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Tgt Ion: 43 Resp: 1238603

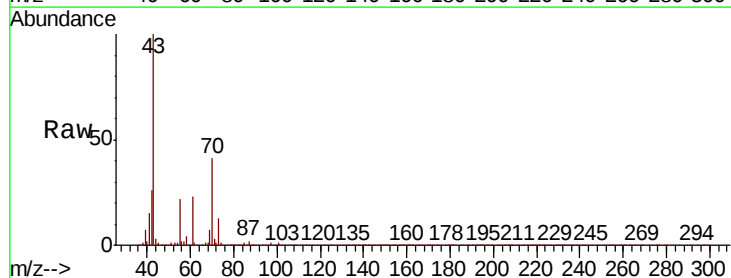
Ion Ratio Lower Upper

43 100

70 39.8 30.2 45.4

55 22.3 16.8 25.2

61 23.0 18.2 27.2

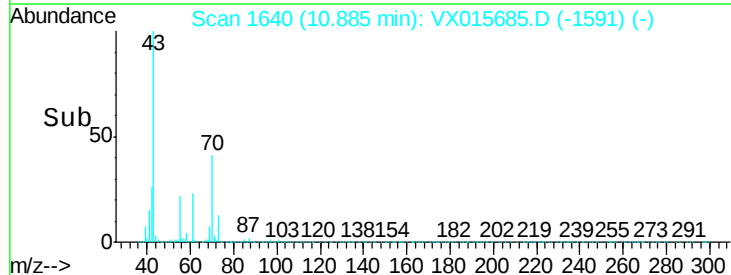
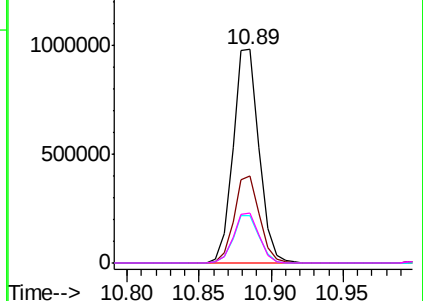


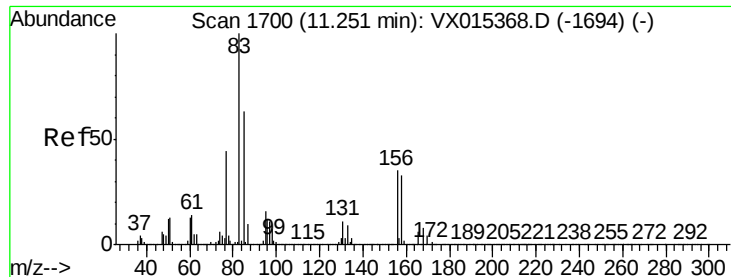
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.387 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

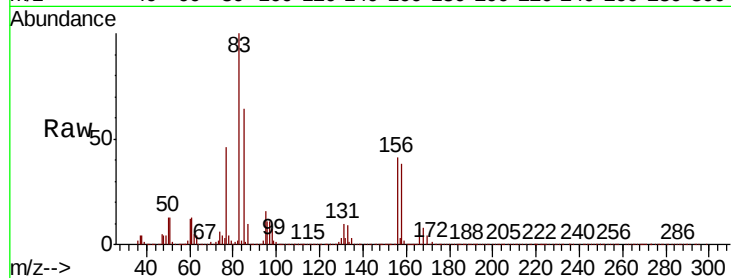
Tot Ion: 83 Resp: 819046

Ion Ratio Lower Upper

83 100

131 10.6 5.3 16.1

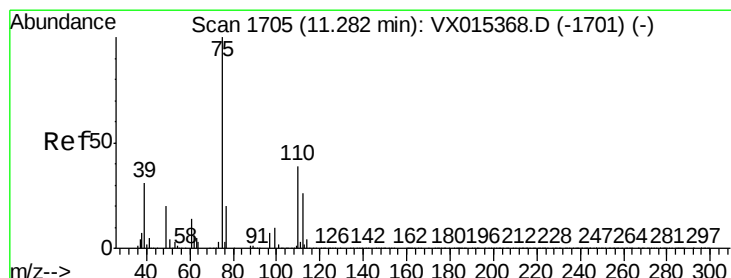
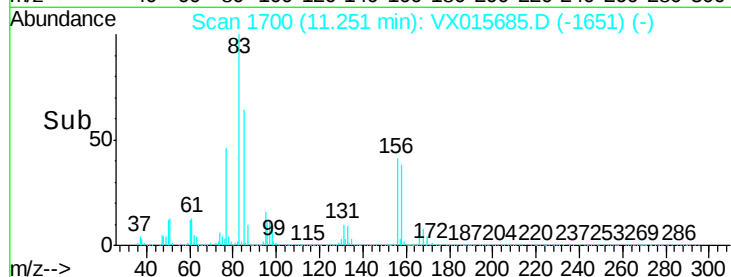
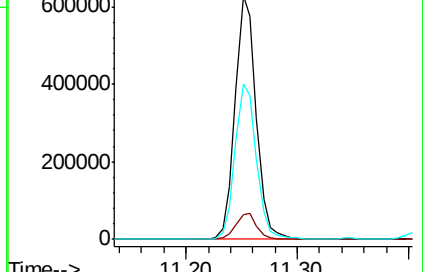
85 64.9 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 61.012 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015685.D

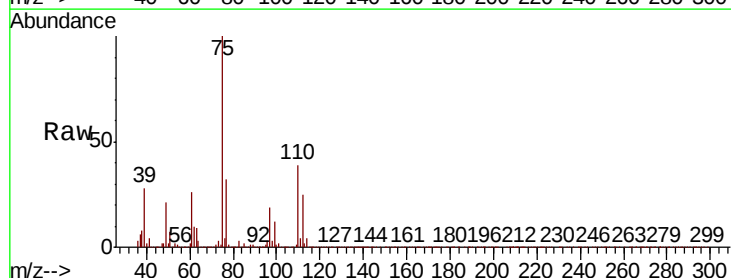
Acq: 15 Apr 2020 16:00

Tgt Ion: 75 Resp: 985329

Ion Ratio Lower Upper

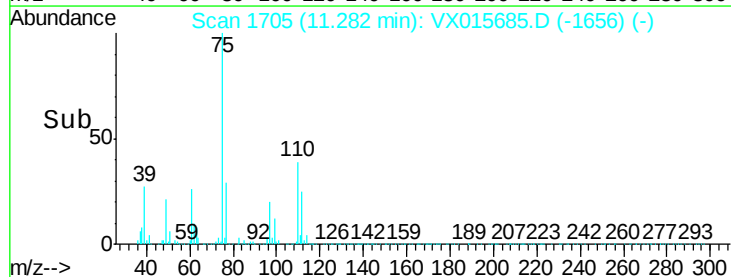
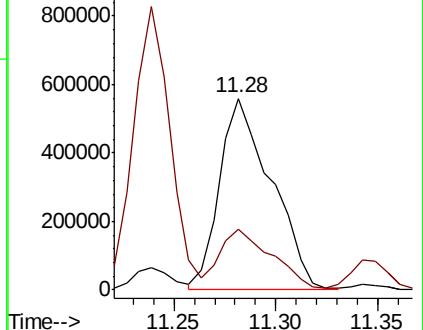
75 100

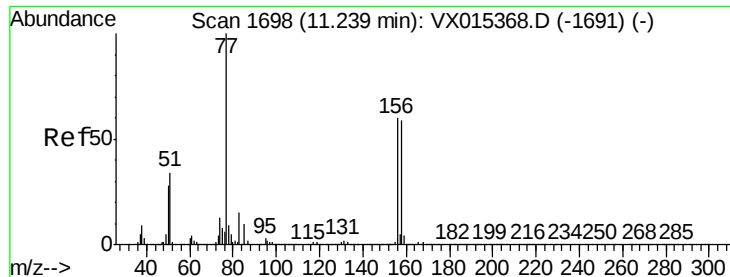
77 31.6 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.071 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

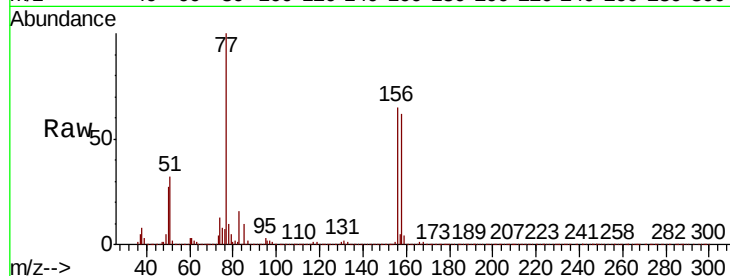
Tot Ion:156 Resp: 700970

Ion Ratio Lower Upper

156 100

77 147.9 82.2 246.5

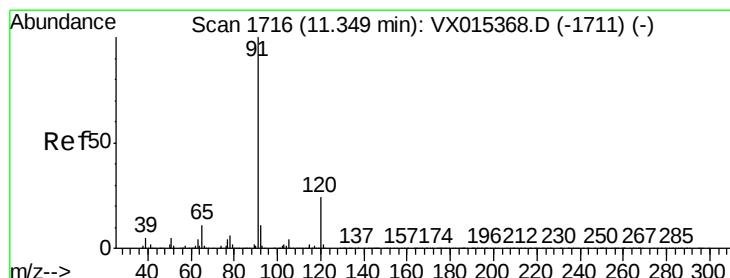
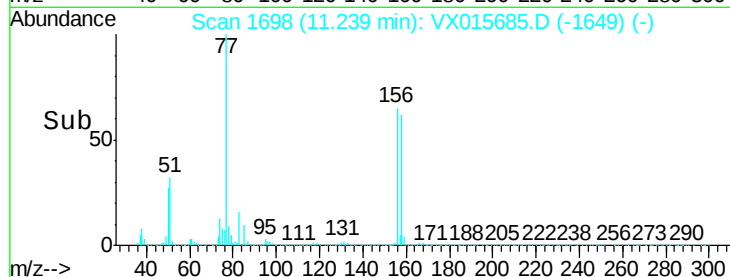
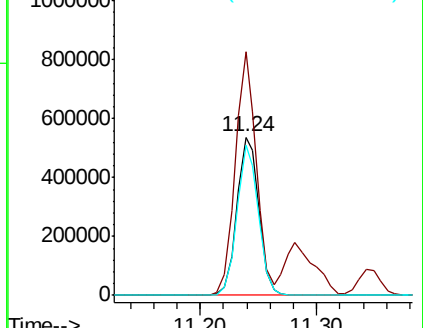
158 92.5 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.247 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.01 min

Lab File: VX015685.D

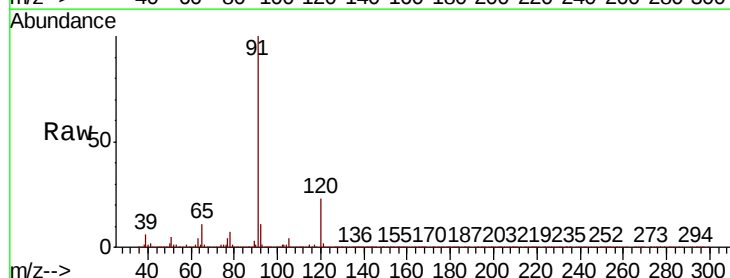
Acq: 15 Apr 2020 16:00

Tgt Ion: 91 Resp: 2838832

Ion Ratio Lower Upper

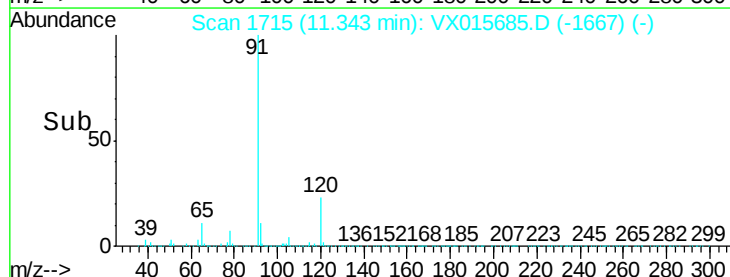
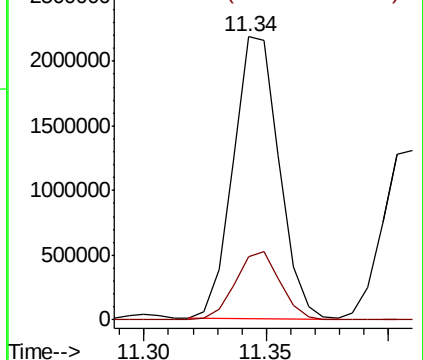
91 100

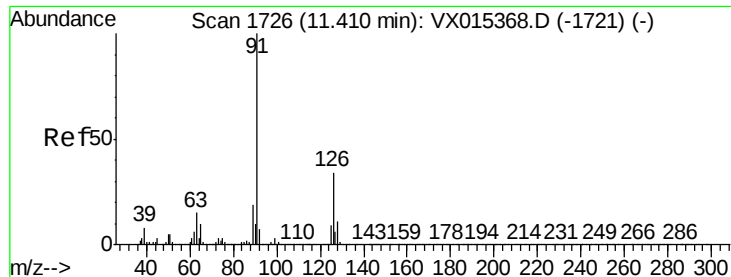
120 23.8 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

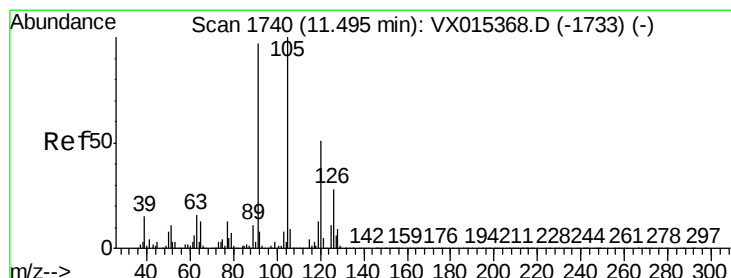
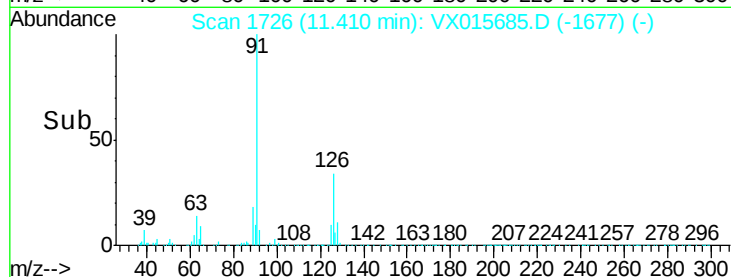
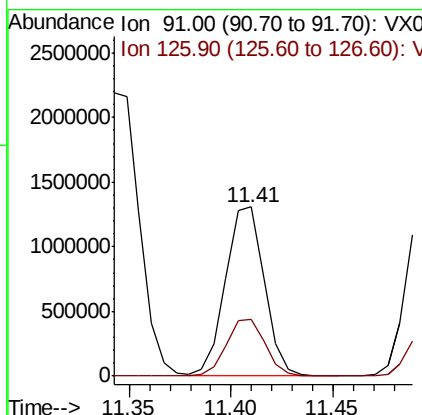
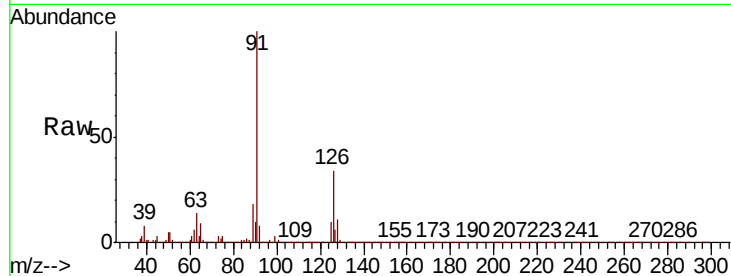




#79
2-Chlorotoluene
Concen: 47.404 ug/l
RT: 11.41 min Scan# 1726
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

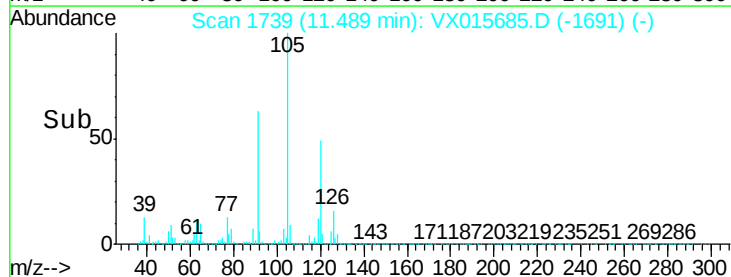
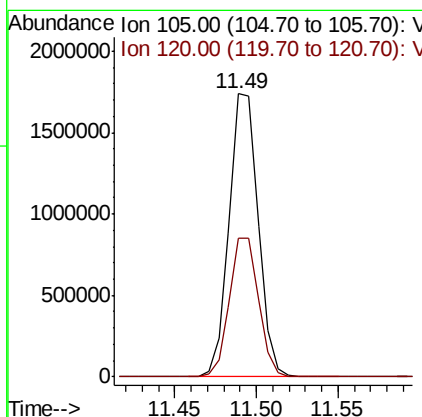
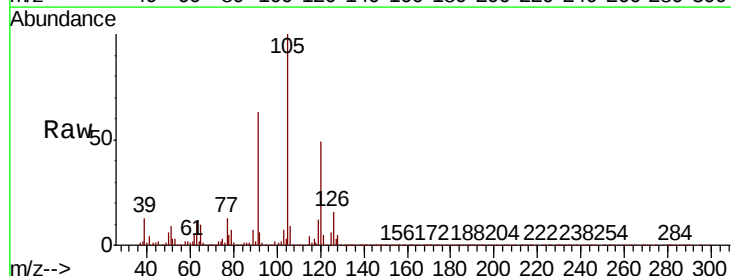
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

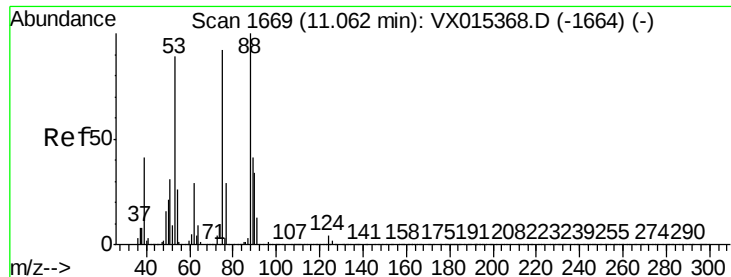
Tot Ion: 91 Resp: 1709572
Ion Ratio Lower Upper
91 100
126 34.1 16.5 49.5



#80
1,3,5-Trimethylbenzene
Concen: 49.027 ug/l
RT: 11.49 min Scan# 1739
Delta R.T. -0.01 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Tgt Ion: 105 Resp: 2154505
Ion Ratio Lower Upper
105 100
120 49.5 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 42.325 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

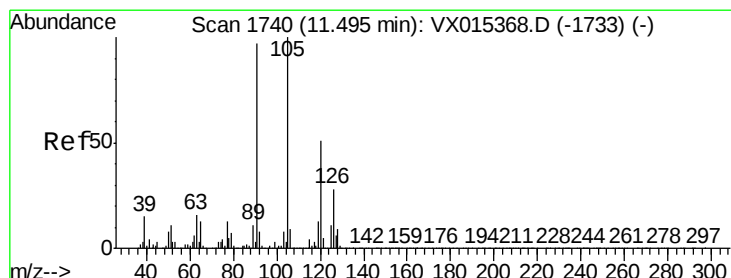
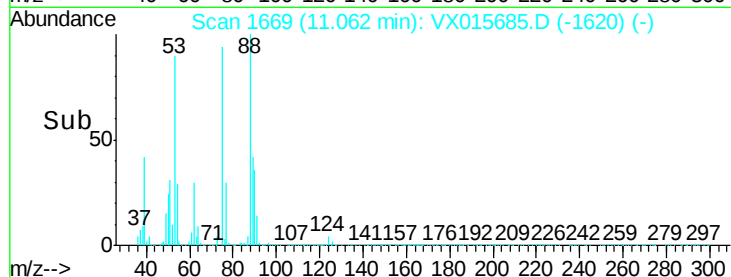
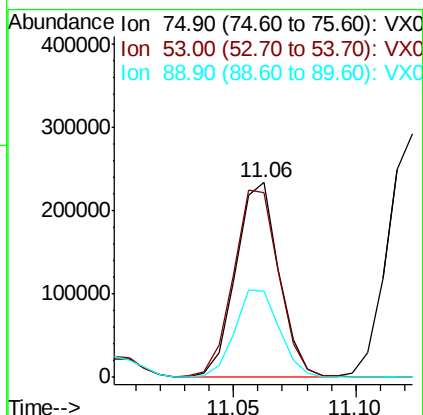
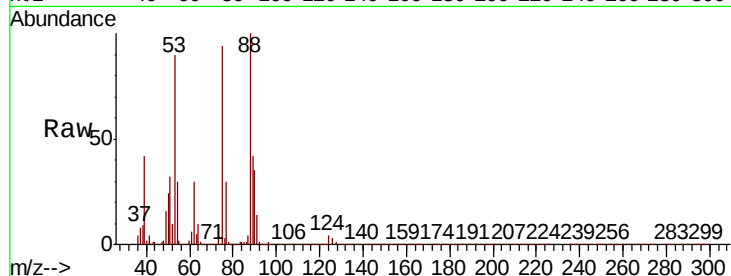
Tot Ion: 75 Resp: 284872

Ion Ratio Lower Upper

75 100

53 101.8 80.1 120.1

89 47.3 36.1 54.1



#82

4-Chlorotoluene

Concen: 47.735 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015685.D

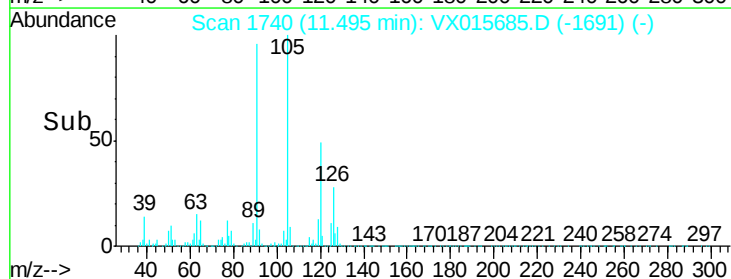
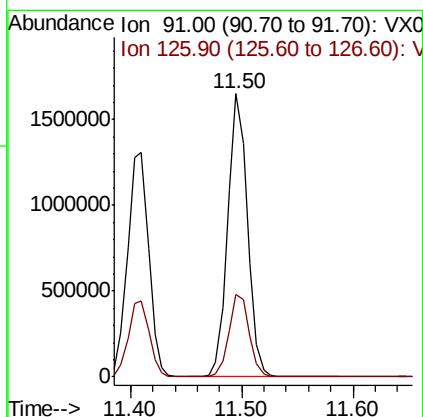
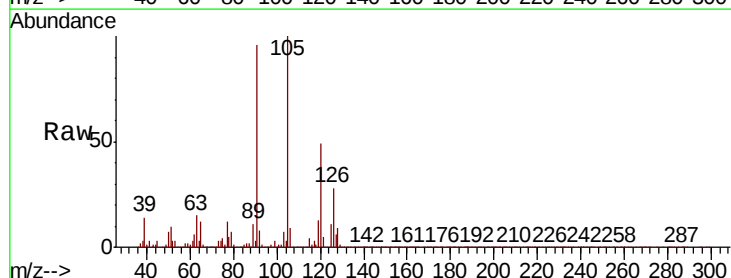
Acq: 15 Apr 2020 16:00

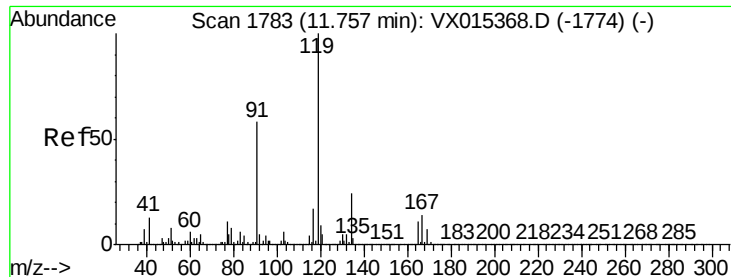
Tgt Ion: 91 Resp: 2018163

Ion Ratio Lower Upper

91 100

126 29.9 14.7 44.1





#83

tert-Butylbenzene

Concen: 49.804 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

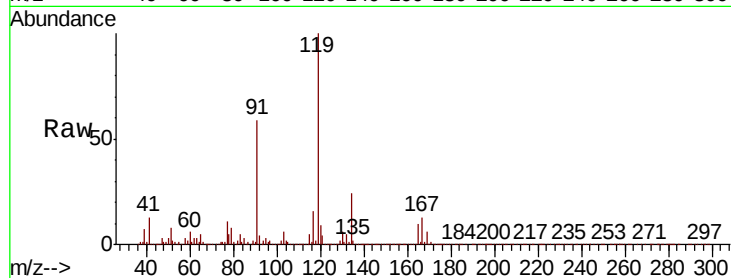
Tot Ion:119 Resp: 2137871

Ion Ratio Lower Upper

119 100

91 57.4 28.6 85.8

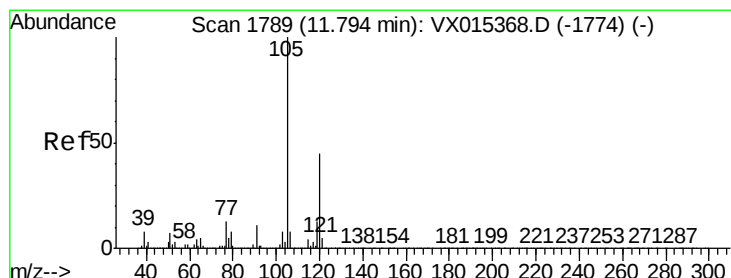
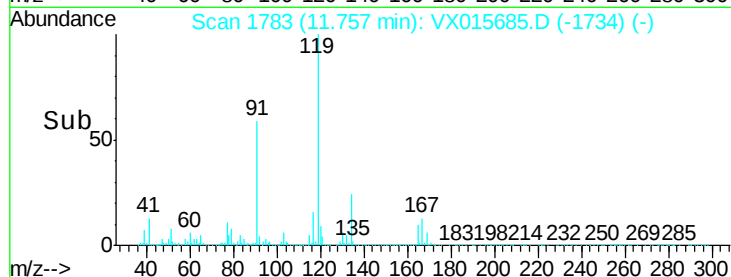
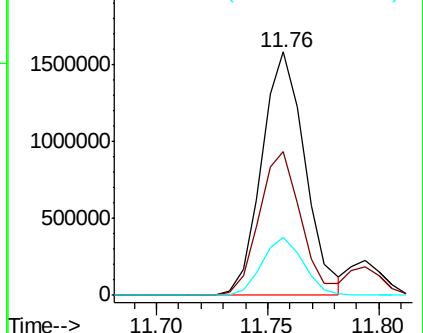
134 22.9 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 48.985 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX015685.D

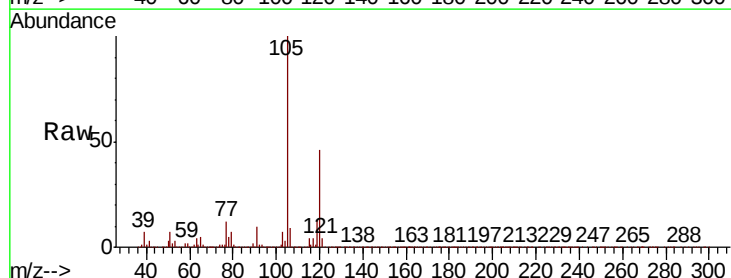
Acq: 15 Apr 2020 16:00

Tgt Ion:105 Resp: 2193655

Ion Ratio Lower Upper

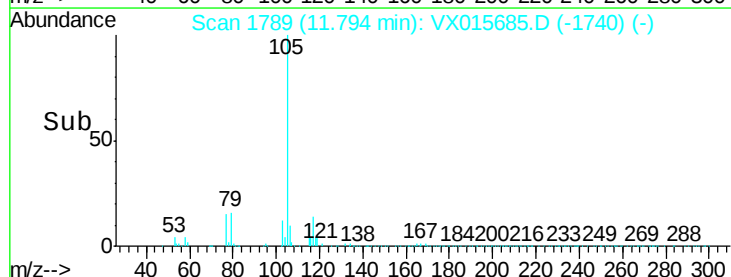
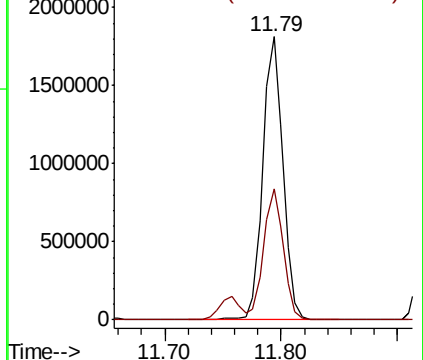
105 100

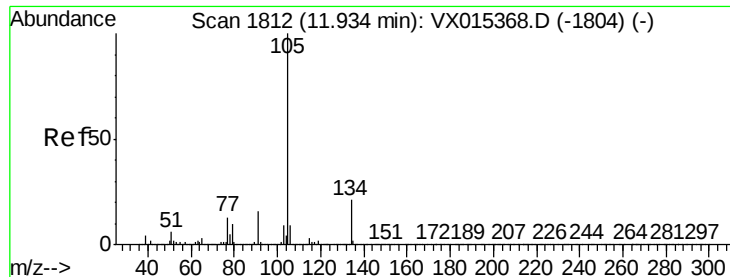
120 45.4 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.446 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

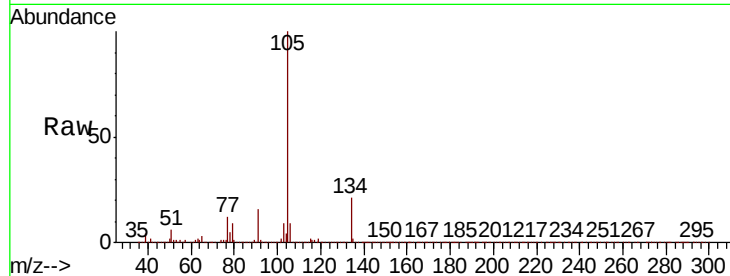
VSTDCCC050

Tot Ion:105 Resp: 2454762

Ion Ratio Lower Upper

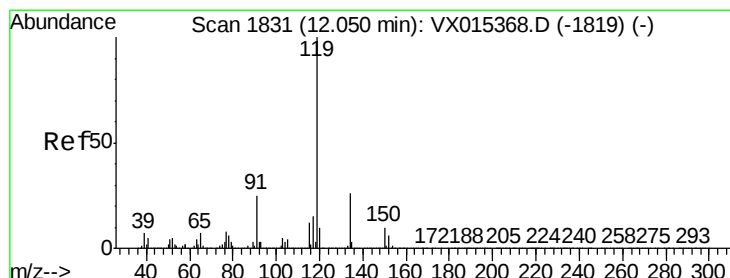
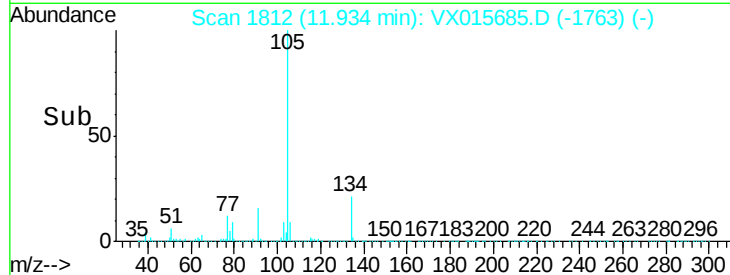
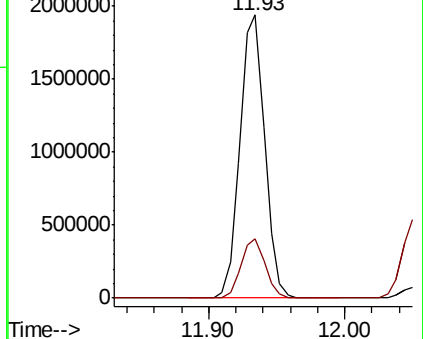
105 100

134 20.6 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.673 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

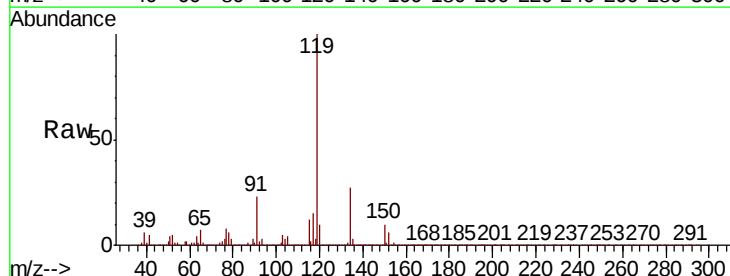
Tgt Ion:119 Resp: 2335393

Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

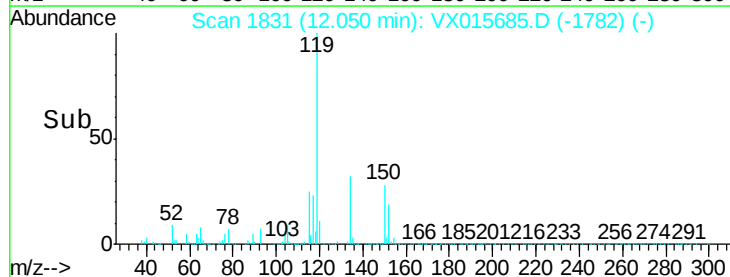
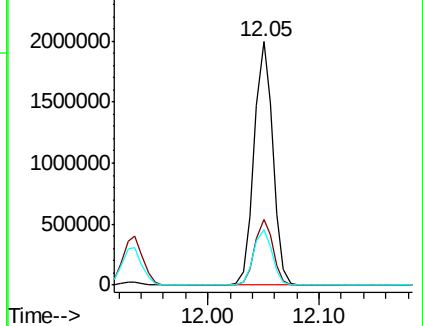
91 22.8 12.4 37.4

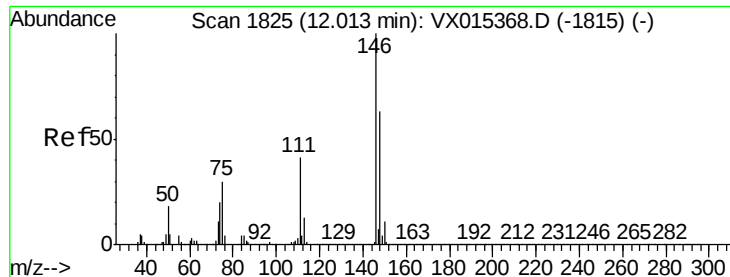


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 50.337 ug/l

RT: 12.01 min Scan# 1825

Delta R.T. 0.00 min

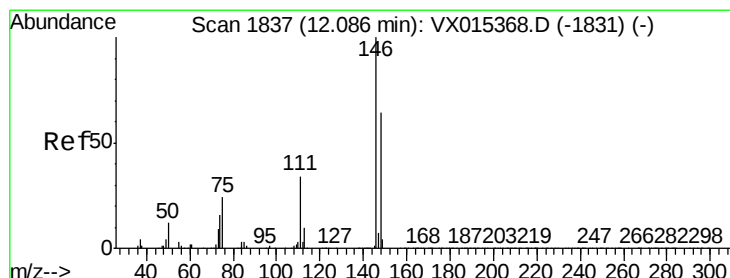
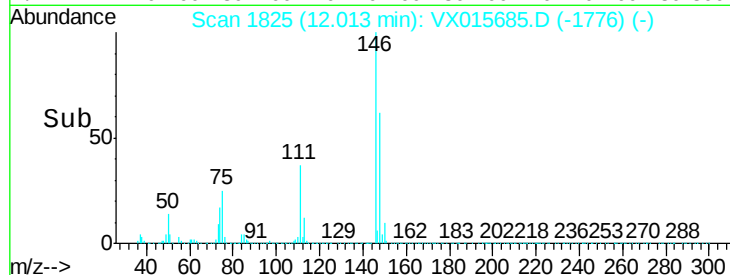
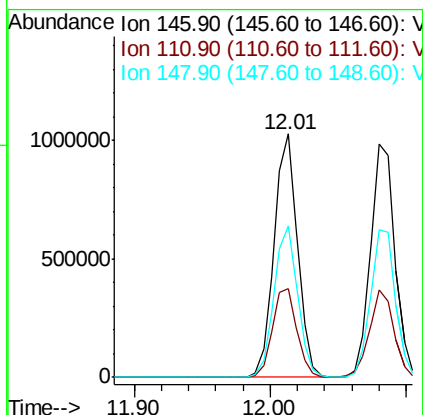
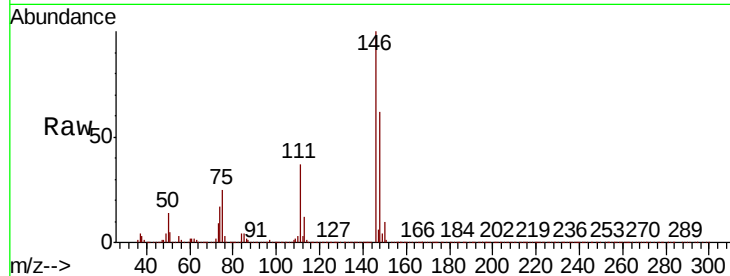
Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 1236846

Ion	Ratio	Lower	Upper
146	100		
111	38.2	20.3	60.9
148	62.6	31.3	93.9



#88

1,4-Dichlorobenzene

Concen: 48.754 ug/l

RT: 12.08 min Scan# 1836

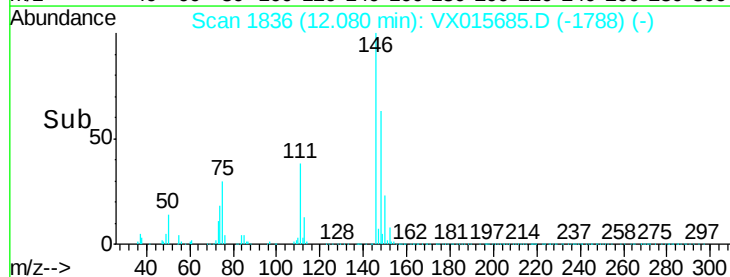
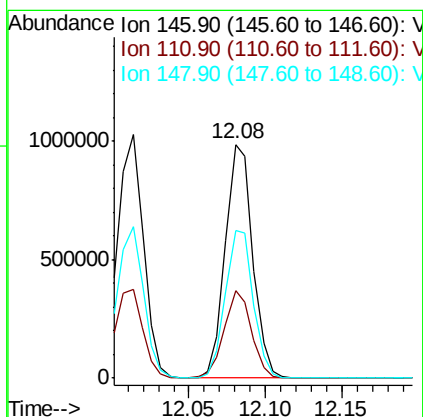
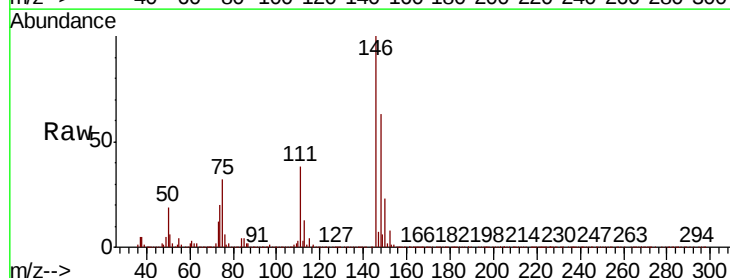
Delta R.T. -0.01 min

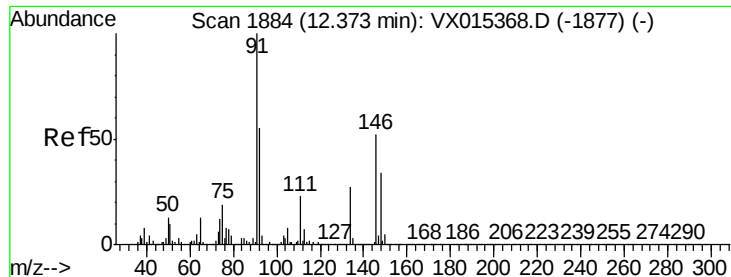
Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Tgt Ion:146 Resp: 1220227

Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.1	57.5
148	64.6	32.4	97.2

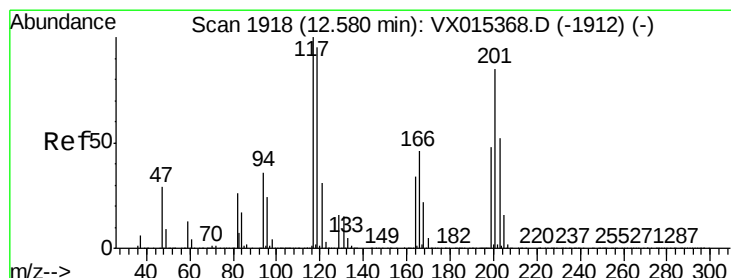
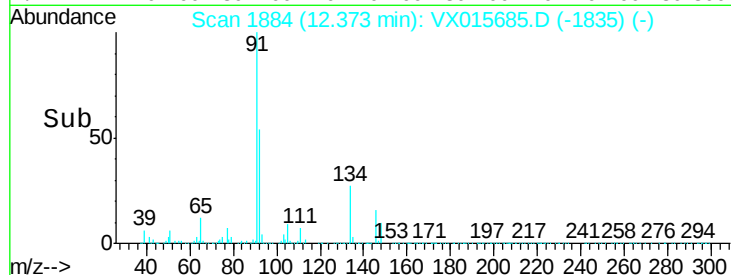
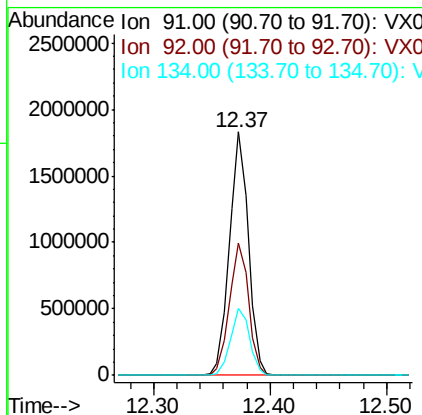
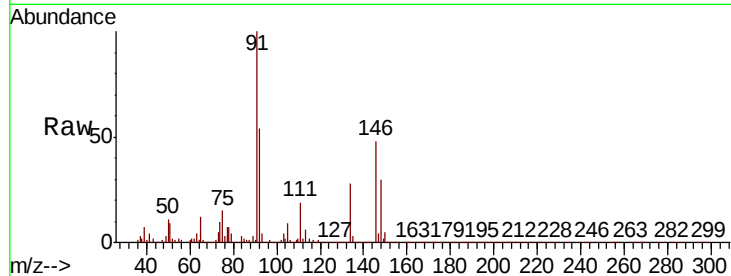




#89
n-Butylbenzene
Concen: 49.712 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

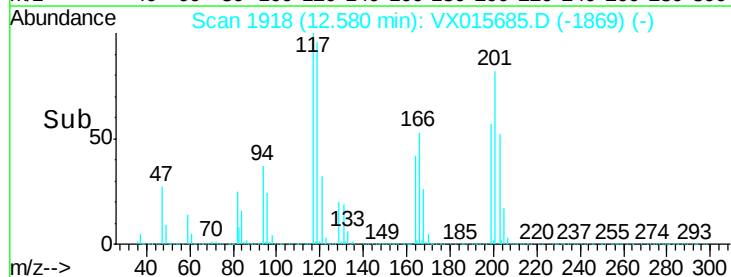
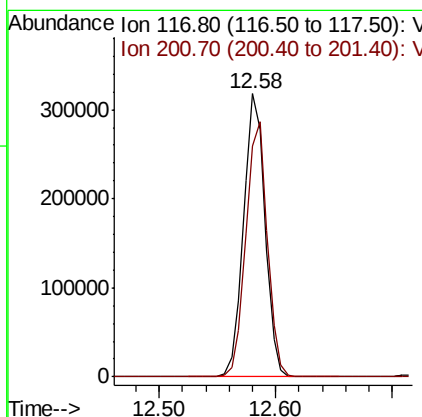
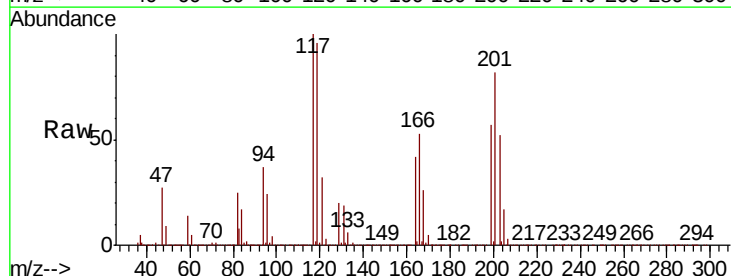
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

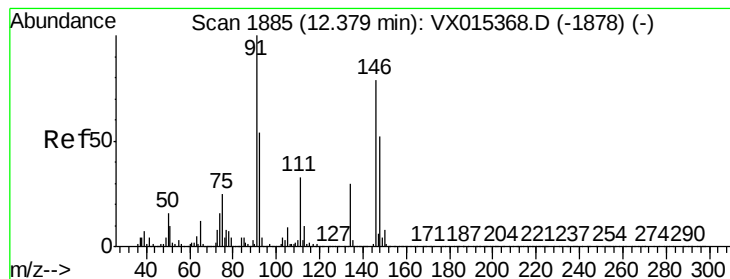
Tot Ion: 91 Resp: 2070418
Ion Ratio Lower Upper
91 100
92 55.2 27.2 81.5
134 27.8 13.4 40.2



#90
Hexachloroethane
Concen: 45.661 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Tgt Ion: 117 Resp: 409595
Ion Ratio Lower Upper
117 100
201 90.4 42.6 128.0





#91

1,2-Dichlorobenzene

Concen: 49.571 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

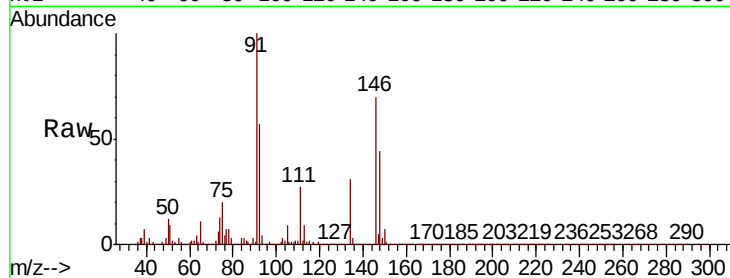
Tot Ion:146 Resp: 1192008

Ion Ratio Lower Upper

146 100

111 40.0 21.0 63.0

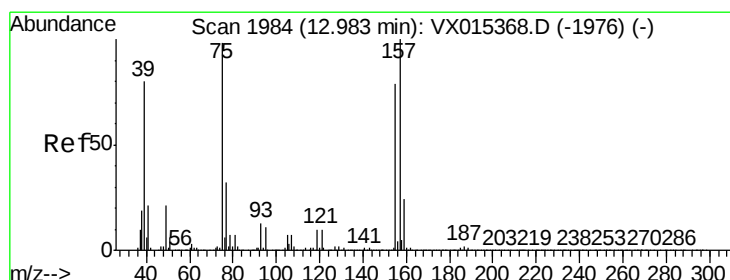
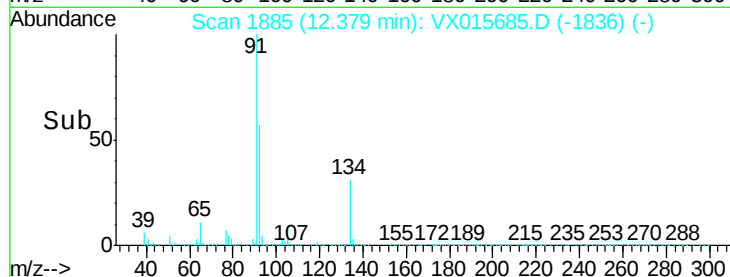
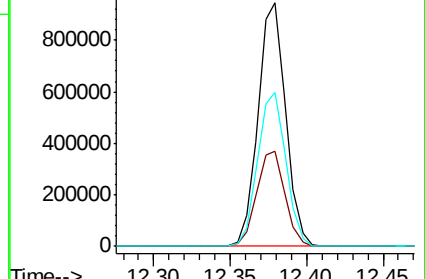
148 64.3 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 39.266 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

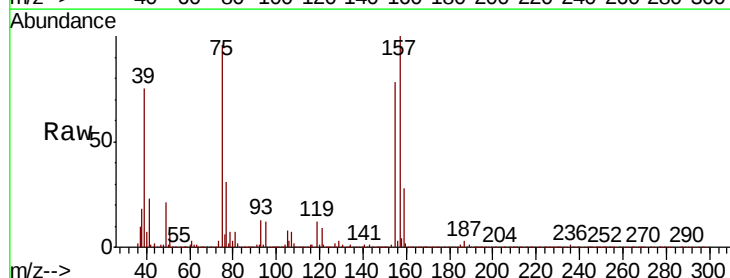
Tgt Ion: 75 Resp: 195681

Ion Ratio Lower Upper

75 100

155 89.7 42.8 128.4

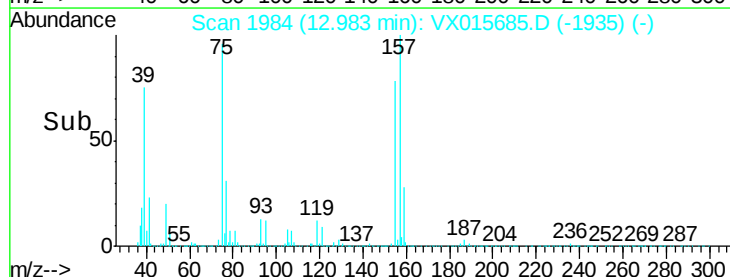
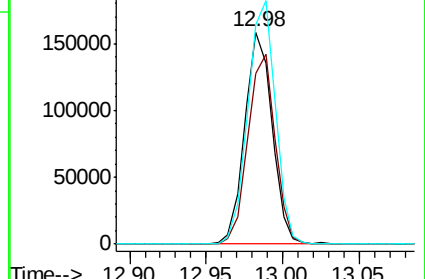
157 117.6 53.4 160.3

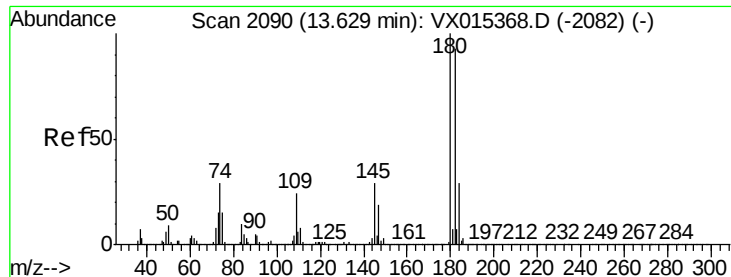


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

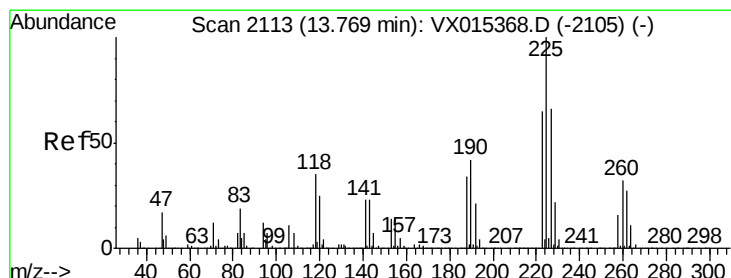
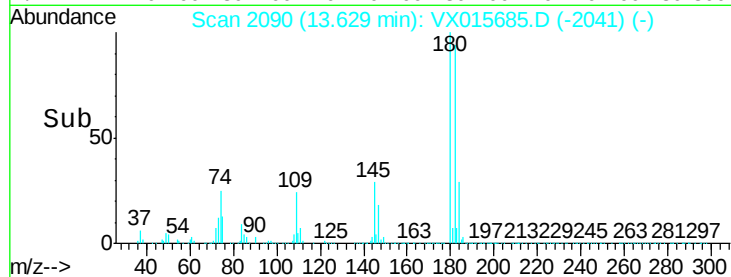
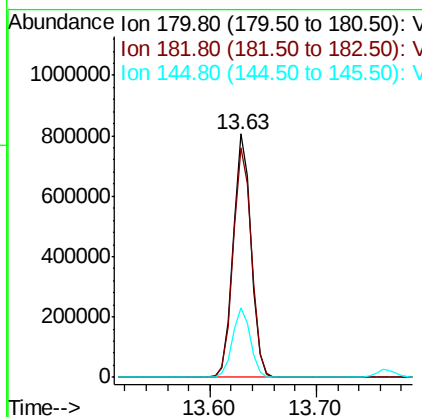
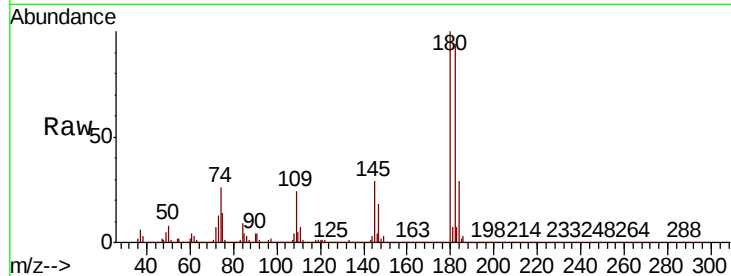




#93
 1,2,4-Trichlorobenzene
 Concen: 49.884 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015685.D
 Acq: 15 Apr 2020 16:00

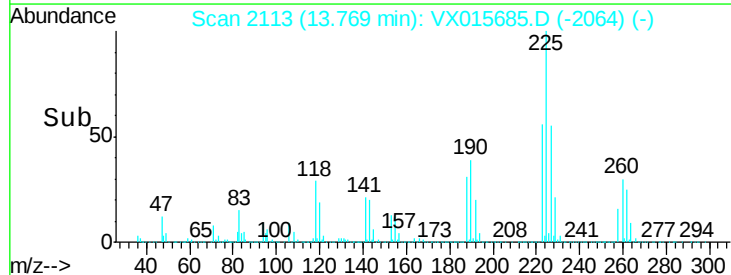
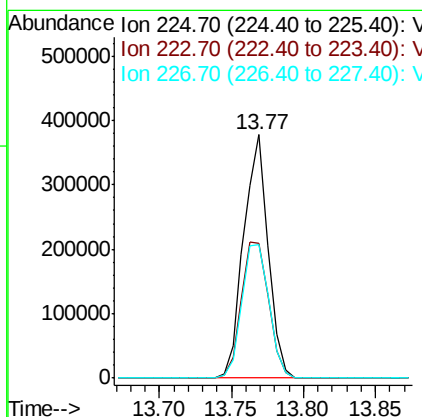
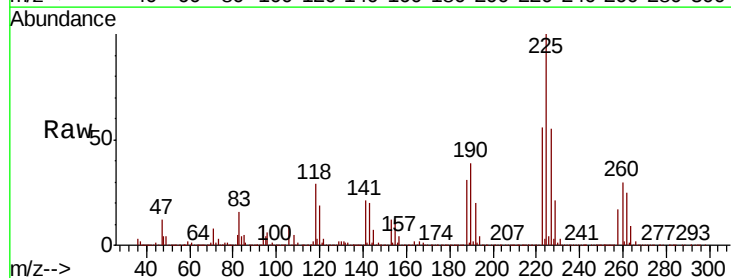
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	46.9	140.7
145	28.7	14.9	44.5



#94
 Hexachlorobutadiene
 Concen: 49.004 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015685.D
 Acq: 15 Apr 2020 16:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.9	95.7
227	61.3	30.4	91.3

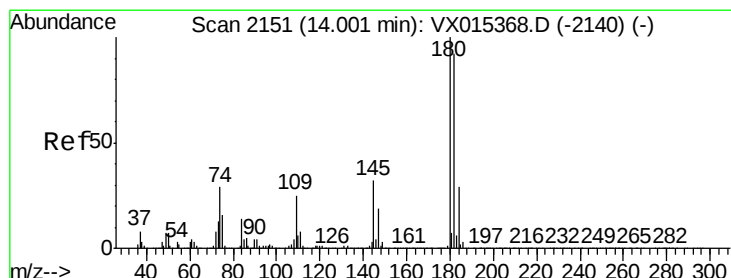
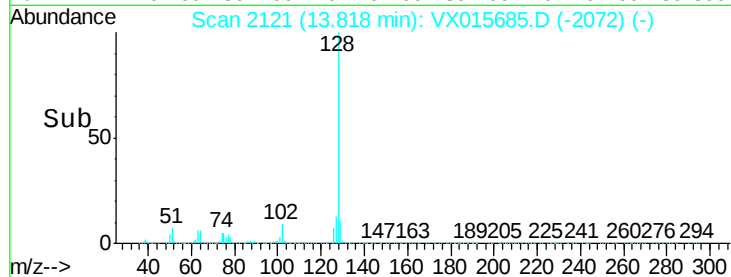
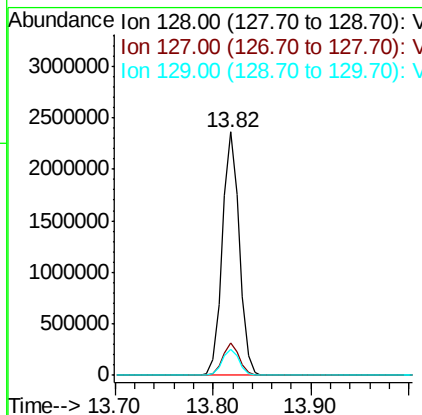
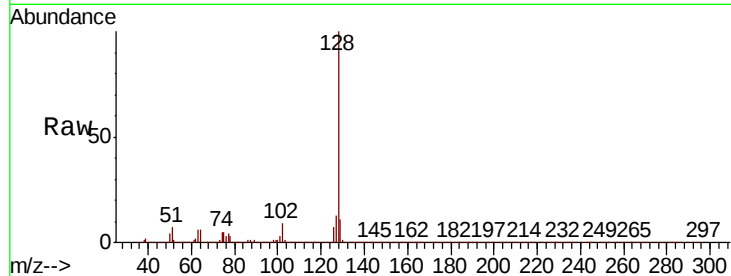




#95
Naphthalene
Concen: 48.701 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 2825604
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 49.578 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Tgt Ion:180 Resp: 907908
Ion Ratio Lower Upper
180 100
182 100.7 46.7 140.0
145 30.5 15.8 47.3

