

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX033120\
 Data File : VX015456.D
 Acq On : 31 Mar 2020 16:05
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 01 08:27:38 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	5.63	168	1069406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1690742	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1554344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	829383	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	730108	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
35) Dibromofluoromethane	5.47	113	539951	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
50) Toluene-d8	8.70	98	1966299	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
62) 4-Bromofluorobenzene	11.12	95	813294	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	509110	54.036	ug/l	100
3) Chloromethane	1.31	50	586969	48.921	ug/l	96
4) Vinyl Chloride	1.39	62	564010	51.194	ug/l	99
5) Bromomethane	1.62	94	267534	53.197	ug/l	97
6) Chloroethane	1.70	64	342398	50.110	ug/l	100
7) Trichlorofluoromethane	1.91	101	796221	53.890	ug/l	97
8) Diethyl Ether	2.17	74	298546	47.906	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	519245	53.909	ug/l	99
10) Methyl Iodide	2.49	142	606019	46.666	ug/l	100
11) Tert butyl alcohol	3.01	59	810697	224.560	ug/l	100
12) 1,1-Dichloroethene	2.36	96	529903	52.485	ug/l	97
13) Acrolein	2.27	56	520907	253.297	ug/l	99
14) Allyl chloride	2.71	41	1195612	50.681	ug/l	98
15) Acrylonitrile	3.12	53	1698567	246.712	ug/l	99
16) Acetone	2.42	43	1573316	242.799	ug/l	100
17) Carbon Disulfide	2.55	76	1552786	50.416	ug/l	99
18) Methyl Acetate	2.75	43	811910	49.092	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1950091	49.801	ug/l	99
20) Methylene Chloride	2.83	84	592166	48.925	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	561819	50.140	ug/l	95
22) Diisopropyl ether	3.83	45	2150357	51.440	ug/l	96
23) Vinyl Acetate	3.79	43	9646858	254.880	ug/l	100
24) 1,1-Dichloroethane	3.67	63	1107725	50.329	ug/l	100
25) 2-Butanone	4.64	43	2493449	239.270	ug/l	99
26) 2,2-Dichloropropane	4.56	77	996868	55.179	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	649458	50.099	ug/l	97
28) Bromochloromethane	4.98	49	518715	49.361	ug/l	99
29) Tetrahydrofuran	5.09	42	1595224	238.113	ug/l	99
30) Chloroform	5.18	83	1069019	50.484	ug/l	98
31) Cyclohexane	5.55	56	1017562	53.294	ug/l	94
32) 1,1,1-Trichloroethane	5.47	97	979101	51.091	ug/l	98
36) 1,1-Dichloropropene	5.77	75	818785	52.559	ug/l	99
37) Ethyl Acetate	4.80	43	994179	49.013	ug/l	100
38) Carbon Tetrachloride	5.76	117	865980	51.324	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	964814	53.715	ug/l	99
40) Benzene	6.12	78	2330148	51.063	ug/l	97
41) Methacrylonitrile	5.01	41	574533	51.024	ug/l	99
42) 1,2-Dichloroethane	6.17	62	945824	51.600	ug/l	99
43) Isopropyl Acetate	6.42	43	1710559	49.956	ug/l	100
44) Trichloroethene	7.19	130	629156	50.554	ug/l	99
45) 1,2-Dichloropropane	7.50	63	628245	50.326	ug/l	99
46) Dibromomethane	7.64	93	410009	50.069	ug/l	99
47) Bromodichloromethane	7.88	83	893686	51.218	ug/l	98
48) Methyl methacrylate	7.75	41	850387	49.721	ug/l	100
49) 1,4-Dioxane	7.72	88	314833	986.746	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	4840315	249.431	ug/l	100
52) Toluene	8.77	92	1459548	51.878	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	1019877	49.837	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	1070691	51.362	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	585758	50.818	ug/l	99
56) Ethyl methacrylate	9.16	69	1031910	50.798	ug/l	99
57) 1,3-Dichloropropane	9.36	76	1035493	49.862	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2495603	252.568	ug/l	99
59) 2-Hexanone	9.48	43	3701094	252.623	ug/l	99
60) Dibromochloromethane	9.57	129	696445	50.282	ug/l	99
61) 1,2-Dibromoethane	9.65	107	633380	50.535	ug/l	100
64) Tetrachloroethene	9.32	164	574889	49.009	ug/l	97
65) Chlorobenzene	10.12	112	1556495	50.212	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	628208	50.727	ug/l	99
67) Ethyl Benzene	10.24	91	2826313	51.408	ug/l	98
68) m/p-Xylenes	10.34	106	2155035	105.267	ug/l	98
69) o-Xylene	10.68	106	1039011	51.360	ug/l	97
70) Styrene	10.70	104	1791440	50.324	ug/l	98
71) Bromoform	10.84	173	558861	49.572	ug/l #	98
73) Isopropylbenzene	11.00	105	2817529	51.847	ug/l	99
74) N-amyl acetate	10.88	43	1544275	51.093	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	908316	48.711	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	858427m	50.331	ug/l	
77) Bromobenzene	11.24	156	704326	48.590	ug/l	98
78) n-propylbenzene	11.35	91	3209247	51.646	ug/l	99
79) 2-Chlorotoluene	11.41	91	1925978	50.568	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	2379518	51.271	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	353990	49.801	ug/l	99
82) 4-Chlorotoluene	11.50	91	2295185	51.404	ug/l	99
83) tert-Butylbenzene	11.76	119	2330470	51.408	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	2436007	51.507	ug/l	98
85) sec-Butylbenzene	11.93	105	2728473	52.041	ug/l	100
86) p-Isopropyltoluene	12.05	119	2546479	52.318	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1313962	50.636	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1325913	50.163	ug/l	99
89) n-Butylbenzene	12.37	91	2324712	52.853	ug/l	99
90) Hexachloroethane	12.58	117	481729	50.850	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	1264815	49.806	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	238960	45.404	ug/l	98

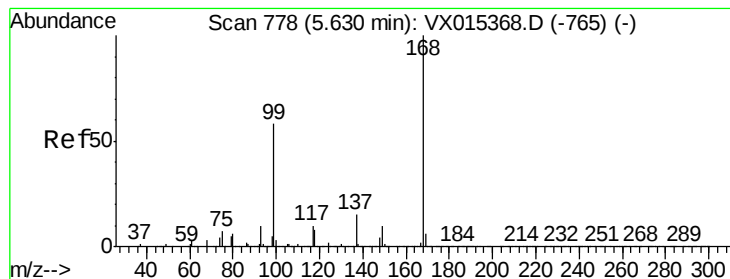
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX033120\
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Instrument :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	996974	49.632	ug/l	97
94) Hexachlorobutadiene	13.77	225	466326	48.760	ug/l	98
95) Naphthalene	13.82	128	3037606	49.575	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	983333	50.845	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.00 min

Lab File: VX015456.D

Acq: 31 Mar 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

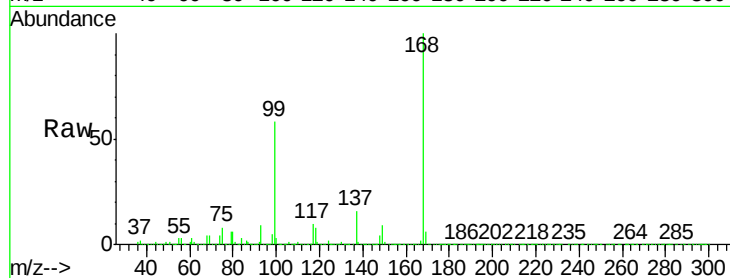
VSTDCCC050EC

Tot Ion:168 Resp: 1069406

Ion Ratio Lower Upper

168 100

99 58.3 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

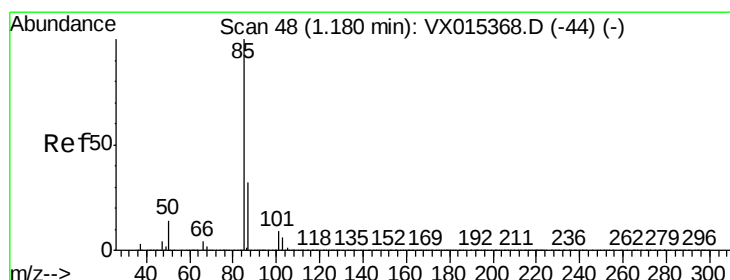
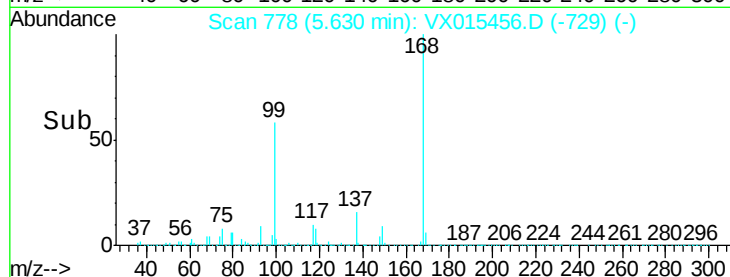
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 54.036 ug/l

RT: 1.18 min Scan# 48

Delta R.T. 0.00 min

Lab File: VX015456.D

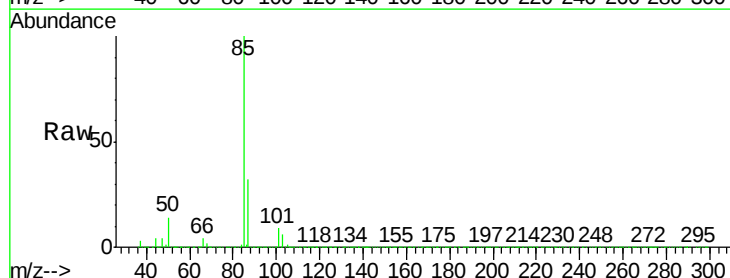
Acq: 31 Mar 2020 16:05

Tgt Ion: 85 Resp: 509110

Ion Ratio Lower Upper

85 100

87 31.9 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

600000

500000

400000

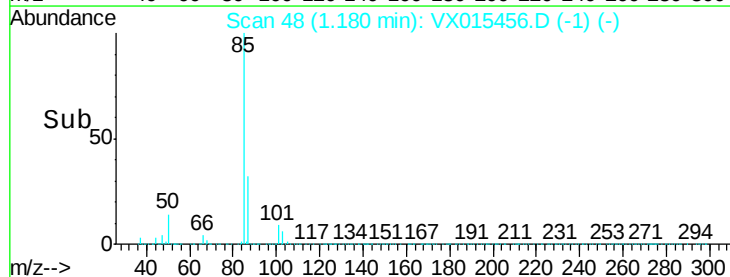
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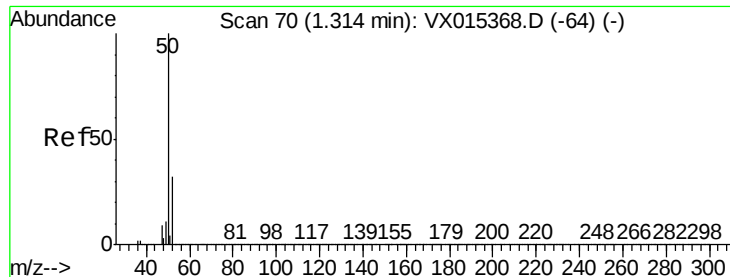
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Time-->

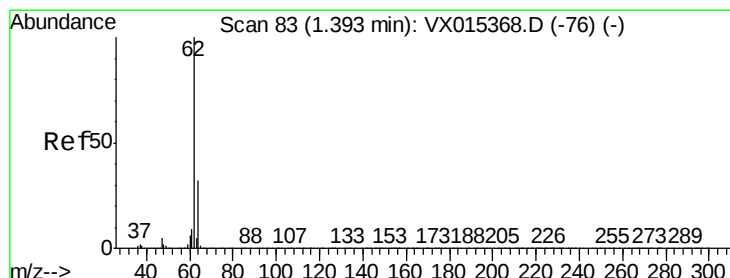
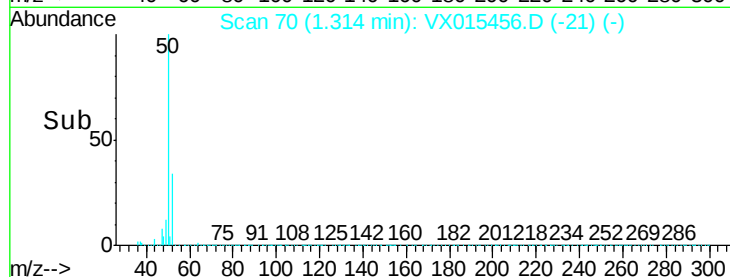
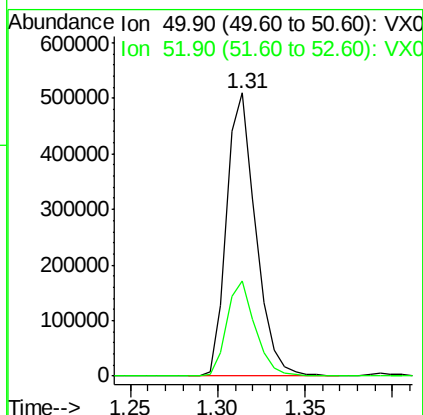
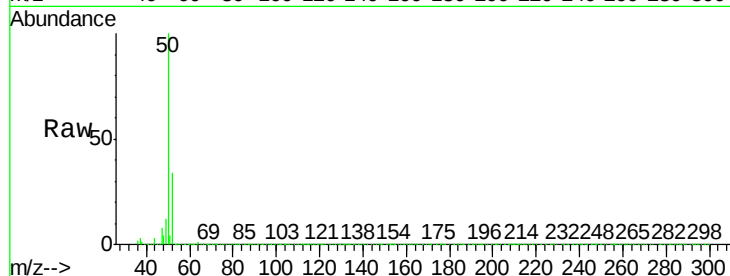




#3
Chloromethane
Concen: 48.921 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015456.D
Acq: 31 Mar 2020 16:05

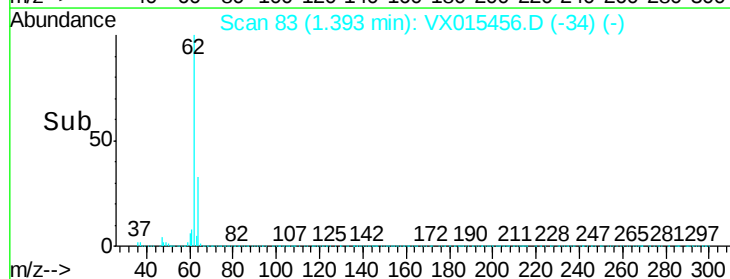
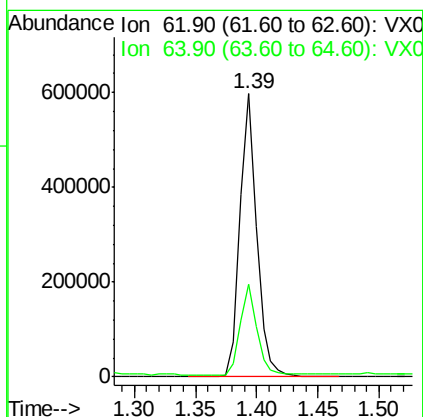
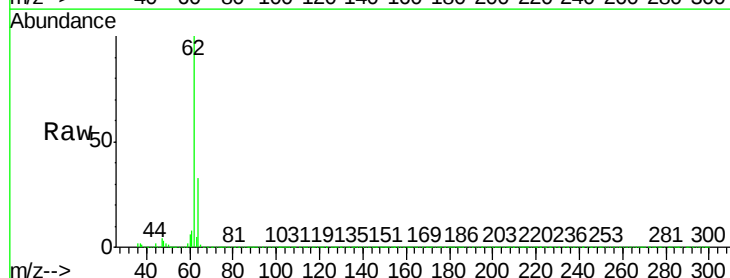
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

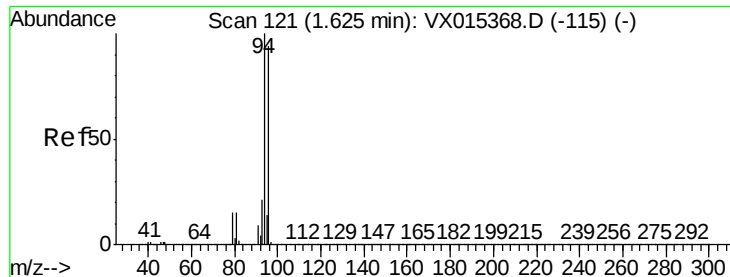
Tot Ion: 50 Resp: 586969
Ion Ratio Lower Upper
50 100
52 33.6 25.3 37.9



#4
Vinyl Chloride
Concen: 51.194 ug/l
RT: 1.39 min Scan# 83
Delta R.T. 0.00 min
Lab File: VX015456.D
Acq: 31 Mar 2020 16:05

Tgt Ion: 62 Resp: 564010
Ion Ratio Lower Upper
62 100
64 31.8 26.0 39.0





#5

Bromomethane

Concen: 53.197 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015456.D

Acq: 31 Mar 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

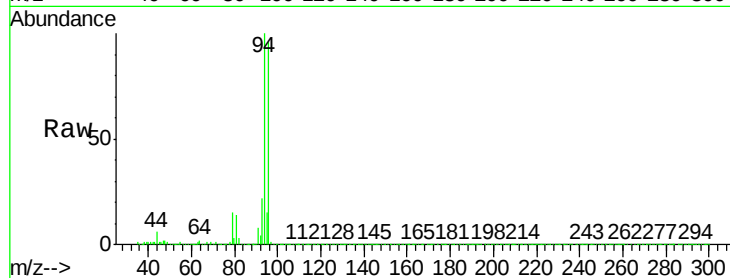
VSTDCCC050EC

Tot Ion: 94 Resp: 267534

Ion Ratio Lower Upper

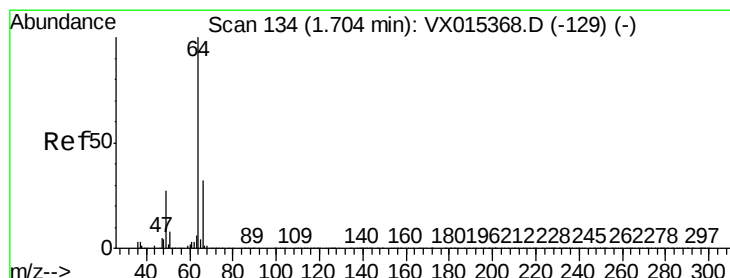
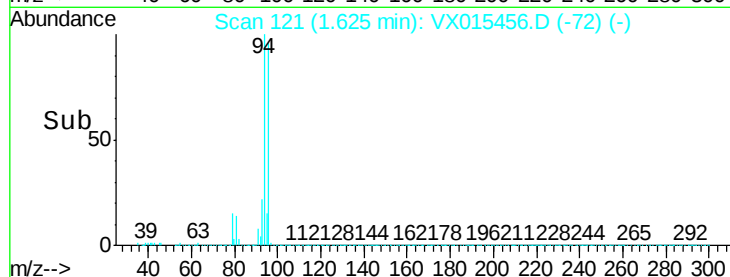
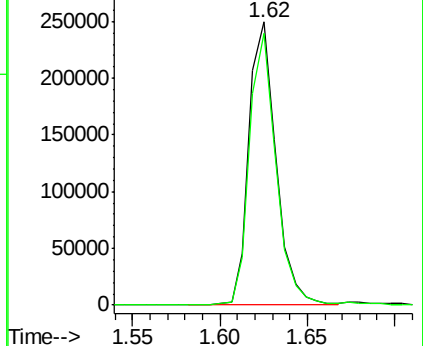
94 100

96 96.1 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.110 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX015456.D

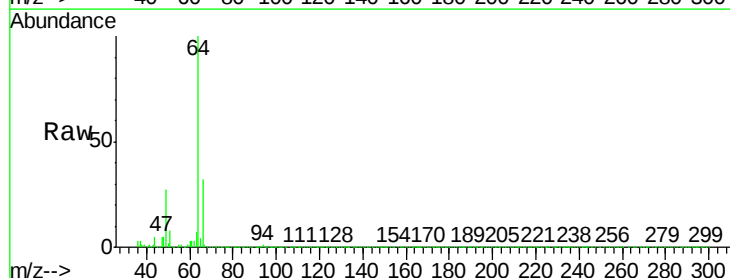
Acq: 31 Mar 2020 16:05

Tgt Ion: 64 Resp: 342398

Ion Ratio Lower Upper

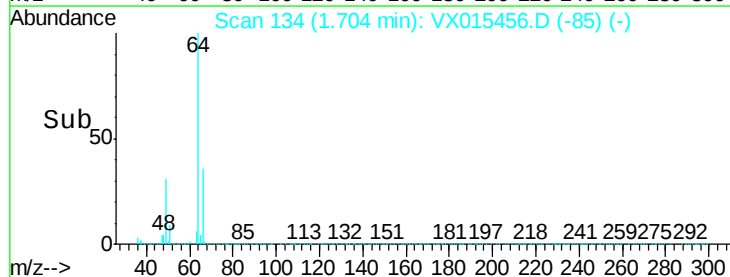
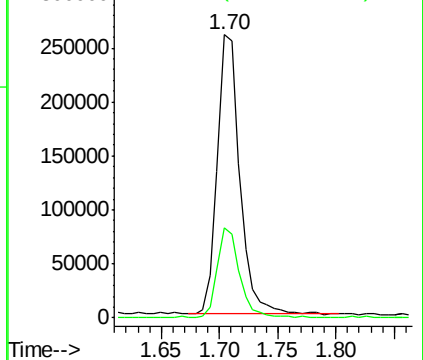
64 100

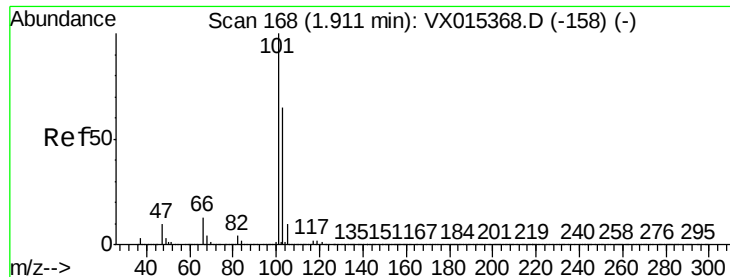
66 31.9 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



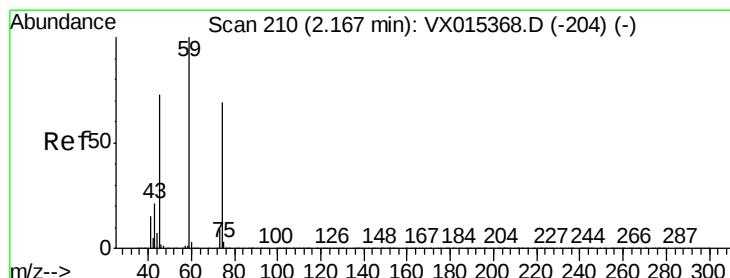
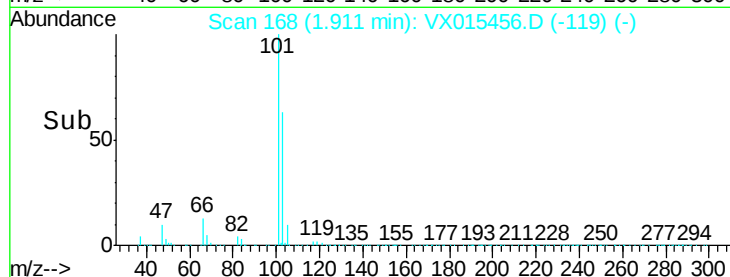
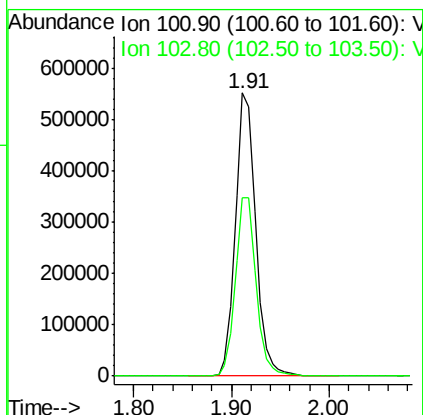
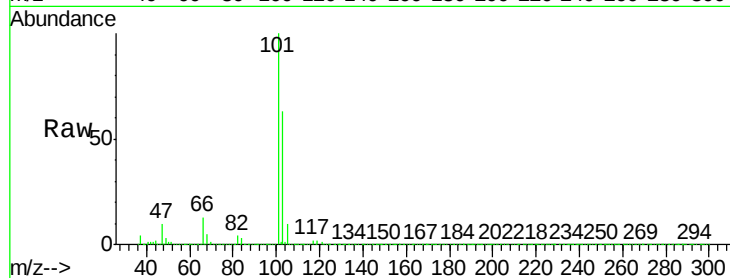


#7

Trichlorofluoromethane
Concen: 53.890 ug/l
RT: 1.91 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX015456.D
Acq: 31 Mar 2020 16:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

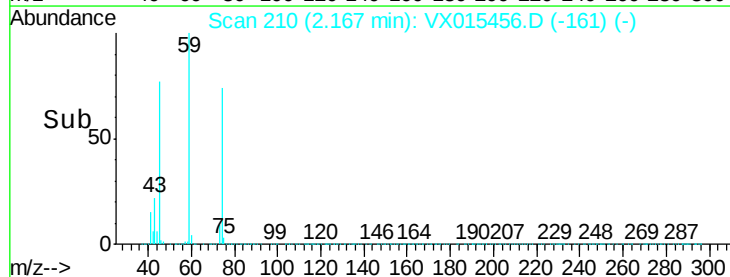
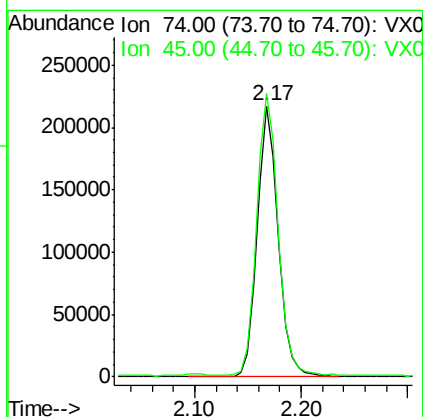
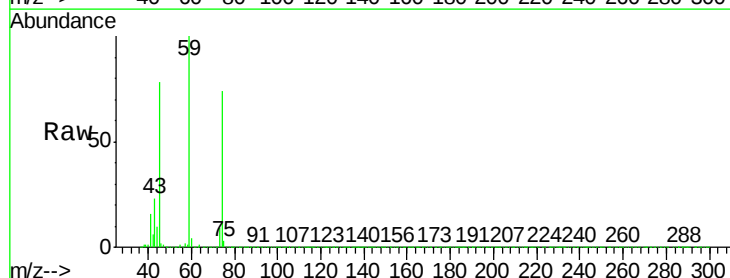
Tot Ion:101 Resp: 796221
Ion Ratio Lower Upper
101 100
103 63.1 52.3 78.5

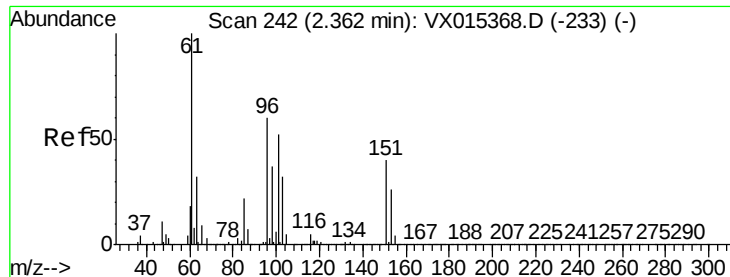


#8

Diethyl Ether
Concen: 47.906 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015456.D
Acq: 31 Mar 2020 16:05

Tgt Ion: 74 Resp: 298546
Ion Ratio Lower Upper
74 100
45 106.2 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.909 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015456.D

Acq: 31 Mar 2020 16:05

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

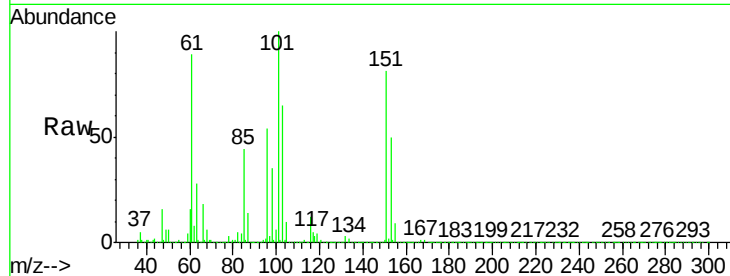
Tot Ion:101 Resp: 519245

Ion Ratio Lower Upper

101 100

85 43.9 35.0 52.4

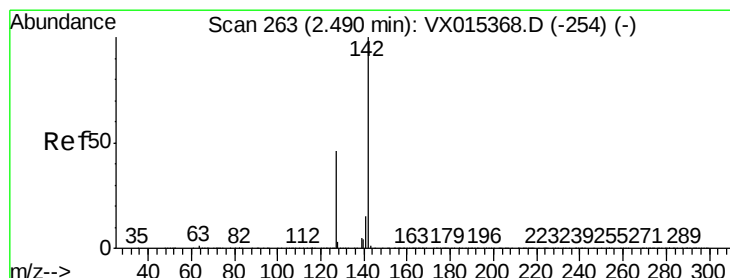
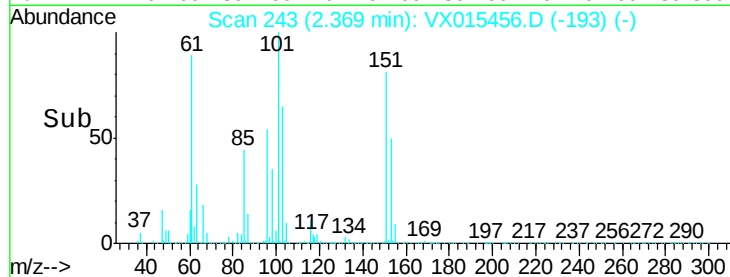
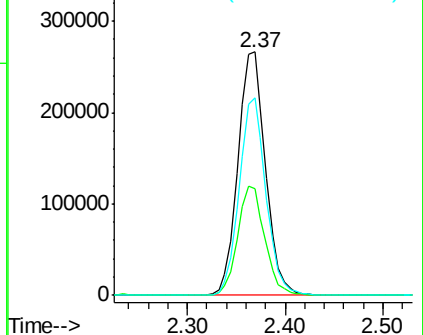
151 78.8 64.1 96.1



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: 46.666 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX015456.D

Acq: 31 Mar 2020 16:05

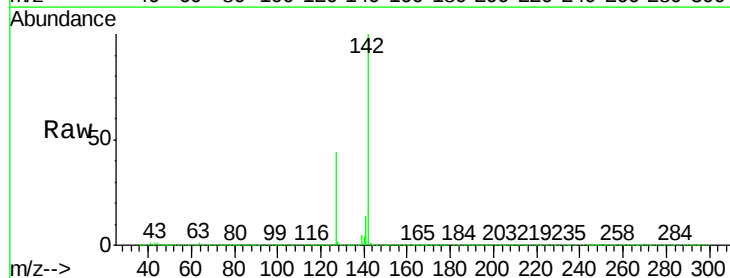
Tgt Ion:142 Resp: 606019

Ion Ratio Lower Upper

142 100

127 45.2 35.9 53.9

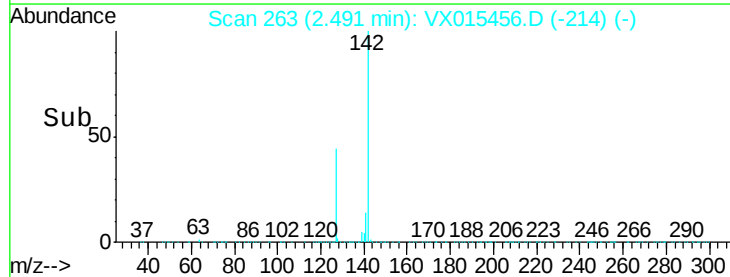
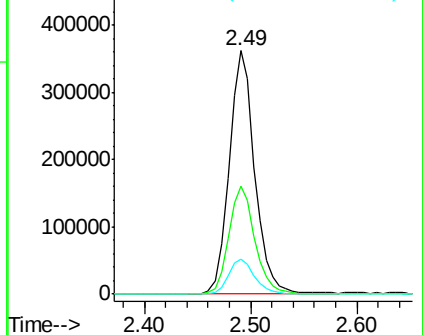
141 14.6 11.6 17.4

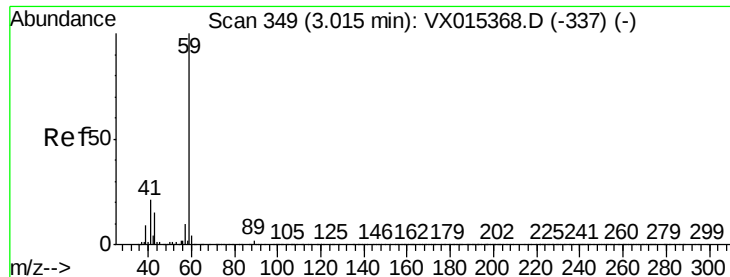


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



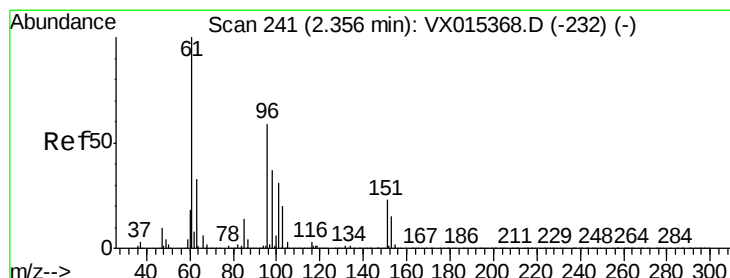
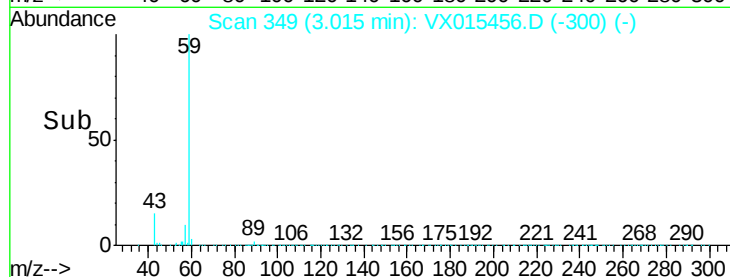
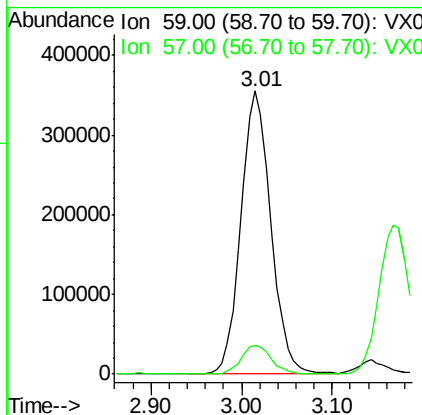
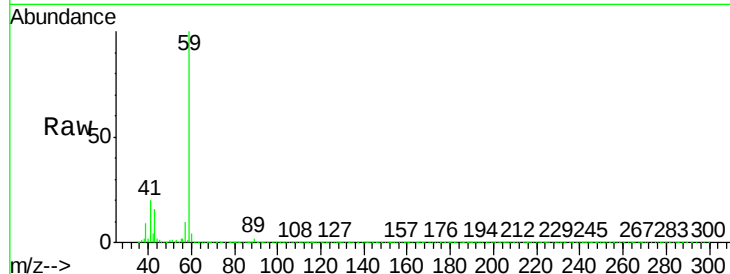


#11

Tert butyl alcohol
Concen: 224.560 ug/l
RT: 3.01 min Scan# 349
Delta R.T. 0.00 min
Lab File: VX015456.D
Acq: 31 Mar 2020 16:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

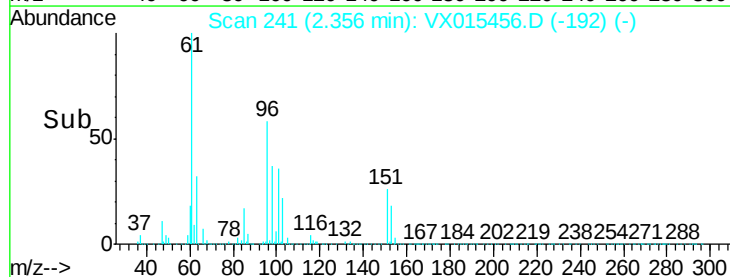
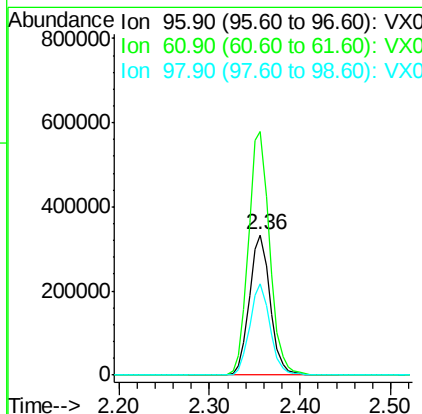
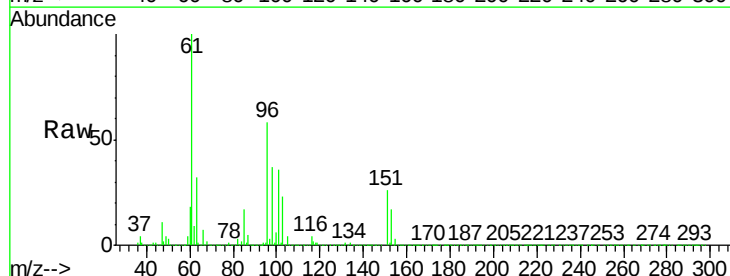
Tot Ion: 59 Resp: 810697
Ion Ratio Lower Upper
59 100
57 10.2 8.1 12.1

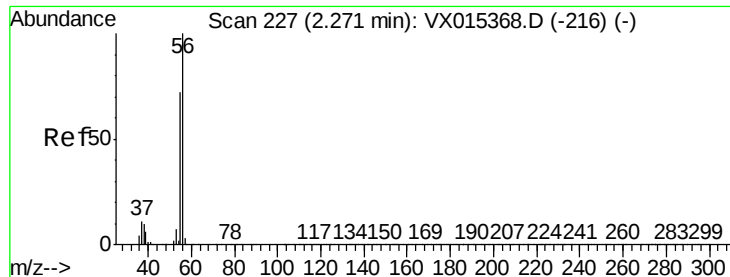


#12

1,1-Dichloroethene
Concen: 52.485 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015456.D
Acq: 31 Mar 2020 16:05

Tgt Ion: 96 Resp: 529903
Ion Ratio Lower Upper
96 100
61 173.5 135.7 203.5
98 64.9 50.6 75.8





#13

Acrolein

Concen: 253.297 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015456.D

Acq: 31 Mar 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

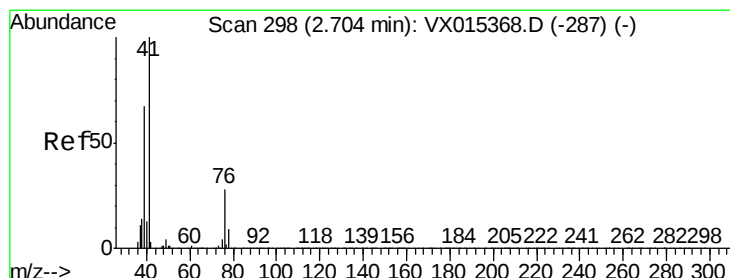
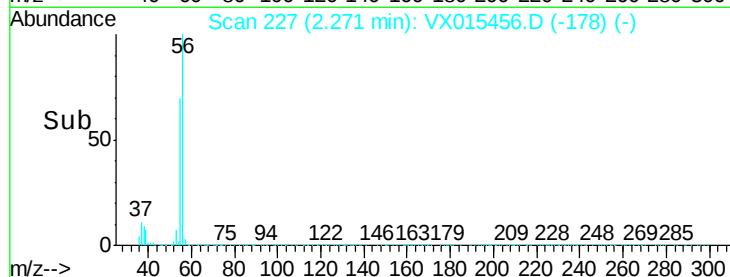
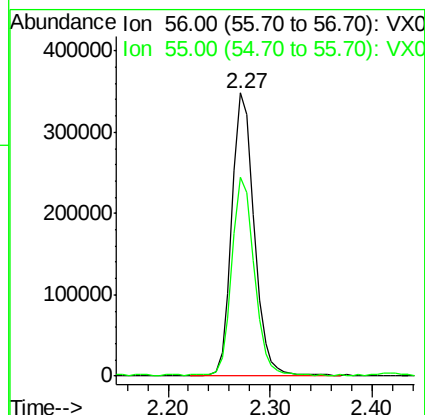
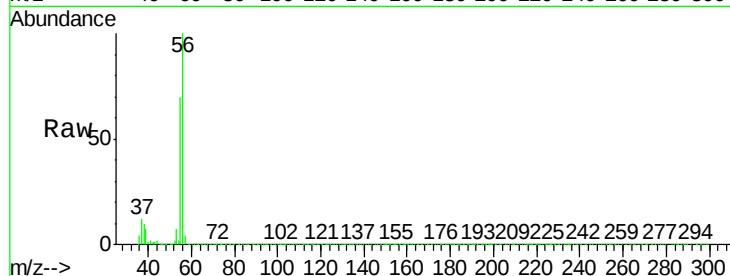
VSTDCCC050EC

Tot Ion: 56 Resp: 520907

Ion Ratio Lower Upper

56 100

55 70.3 57.0 85.4



#14

Allyl chloride

Concen: 50.681 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015456.D

Acq: 31 Mar 2020 16:05

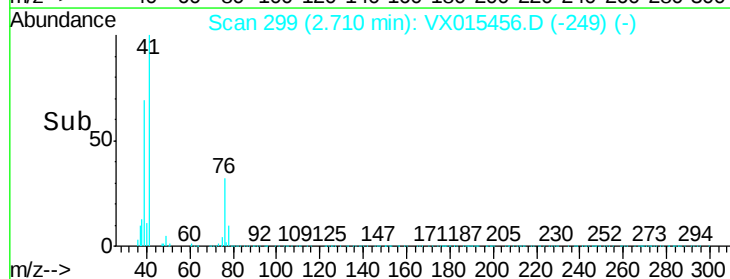
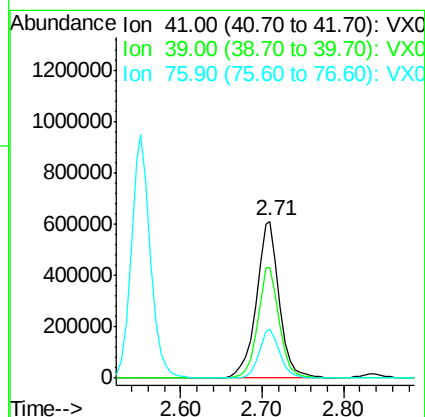
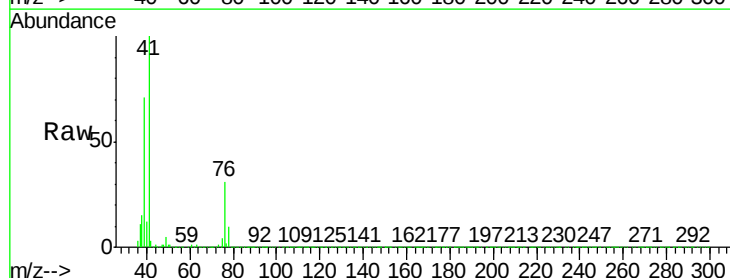
Tgt Ion: 41 Resp: 1195612

Ion Ratio Lower Upper

41 100

39 66.2 51.4 77.0

76 27.9 21.8 32.8





#15

Acrylonitrile

Concen: 246.712 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015456.D

Acq: 31 Mar 2020 16:05

Instrument :

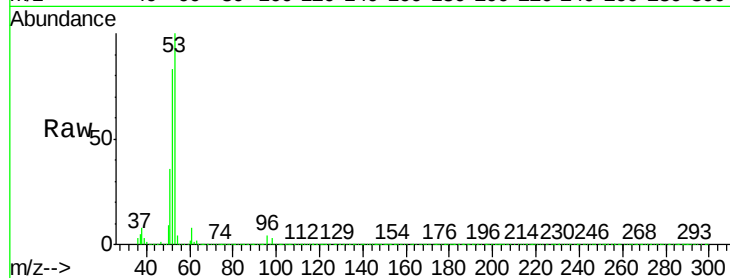
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 1698567

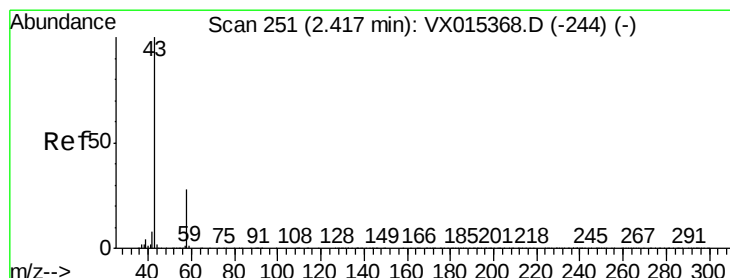
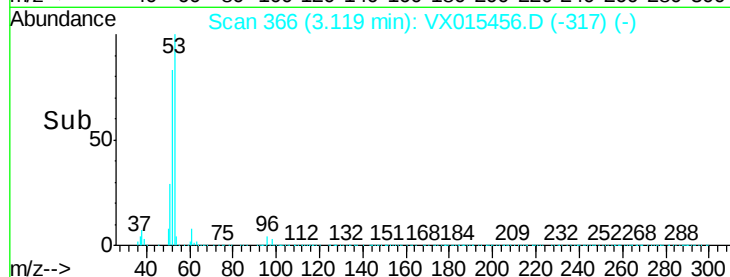
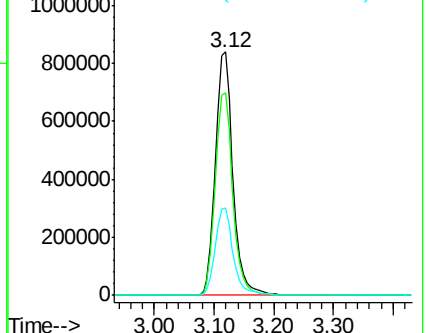
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.8	100.2
51	36.5	29.5	44.3



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: 242.799 ug/l

RT: 2.42 min Scan# 251

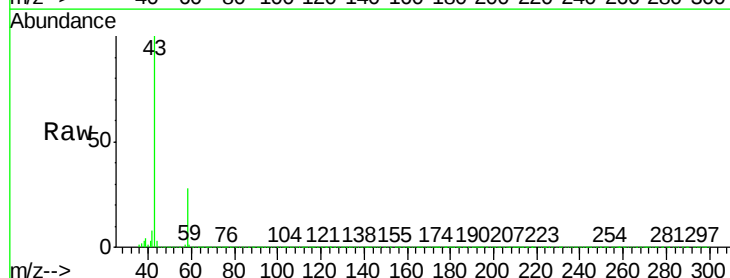
Delta R.T. 0.00 min

Lab File: VX015456.D

Acq: 31 Mar 2020 16:05

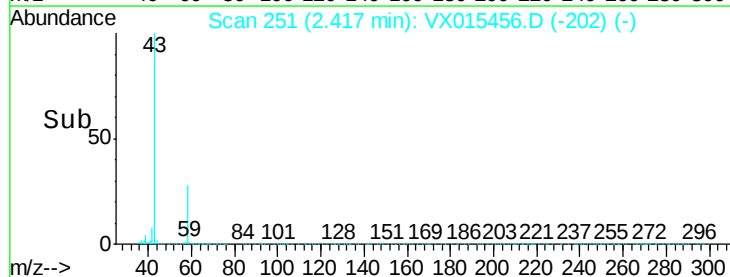
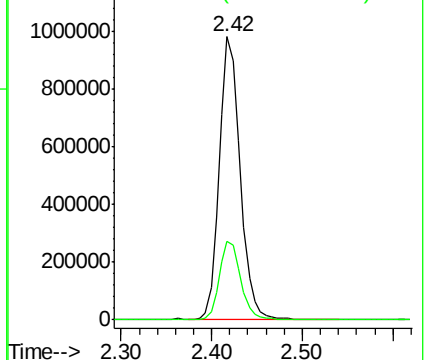
Tgt Ion: 43 Resp: 1573316

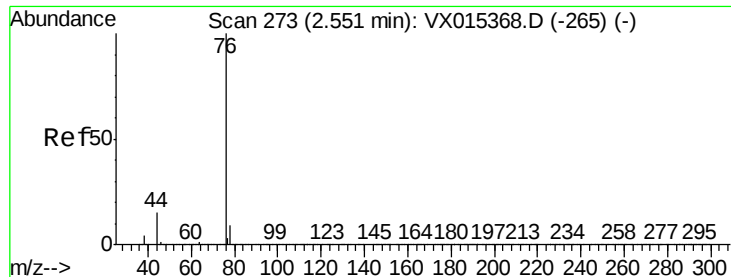
Ion	Ratio	Lower	Upper
43	100		
58	27.8	22.1	33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 50.416 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015456.D

Acq: 31 Mar 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

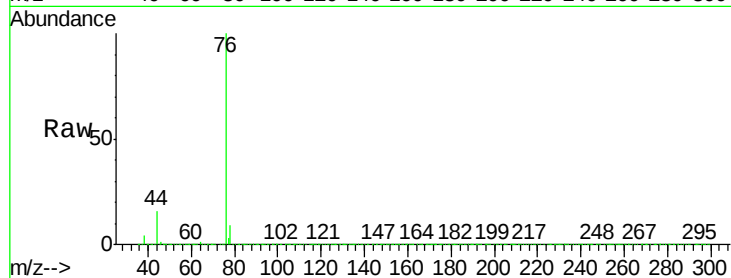
VSTDCCC050EC

Tot Ion: 76 Resp: 1552786

Ion Ratio Lower Upper

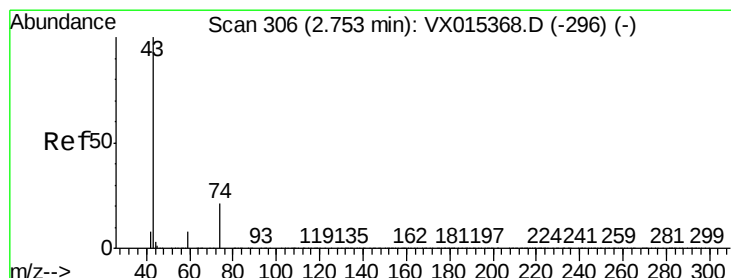
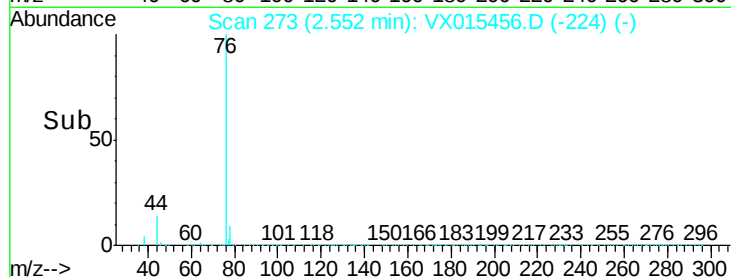
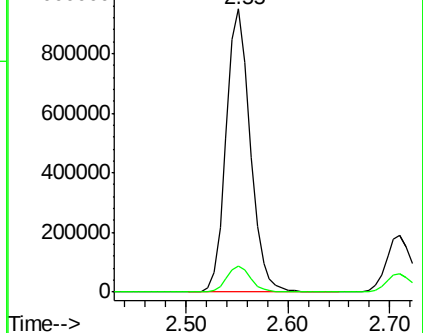
76 100

78 9.3 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 49.092 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015456.D

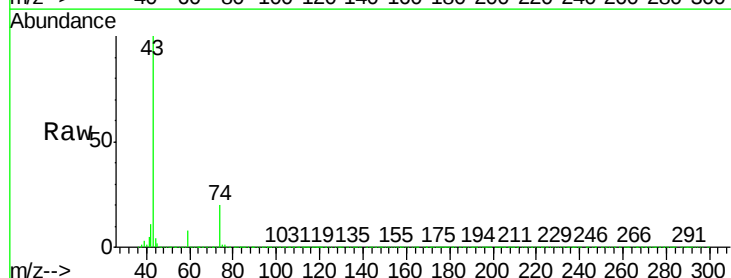
Acq: 31 Mar 2020 16:05

Tgt Ion: 43 Resp: 811910

Ion Ratio Lower Upper

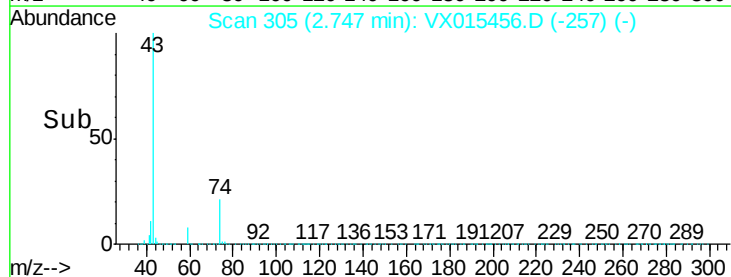
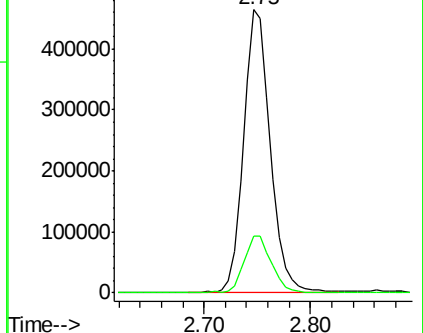
43 100

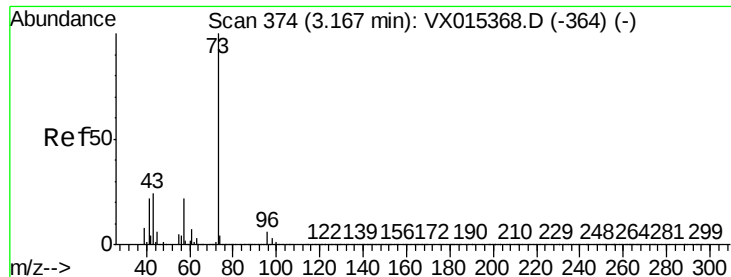
74 21.0 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether
 Concen: 49.801 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VX015456.D
 Acq: 31 Mar 2020 16:05

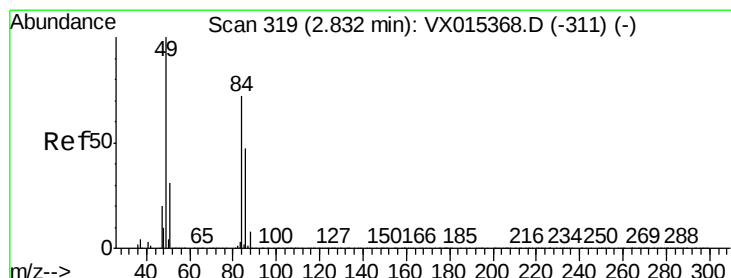
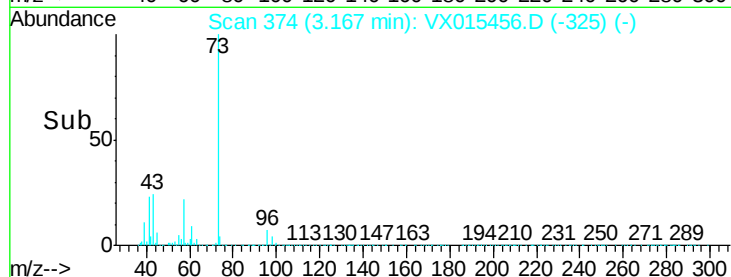
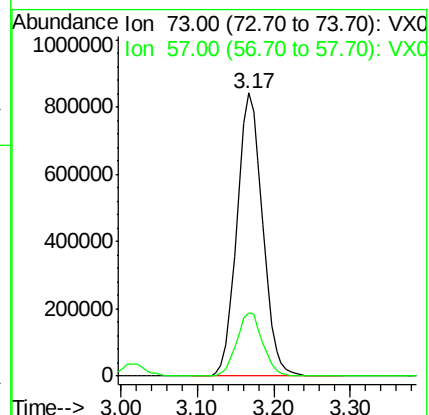
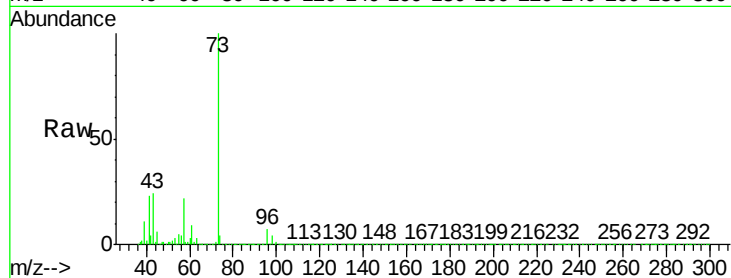
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 73 Resp: 1950091

Ion Ratio Lower Upper

73 100

57 22.1 17.9 26.9



#20

Methylene Chloride
 Concen: 48.925 ug/l
 RT: 2.83 min Scan# 319
 Delta R.T. 0.00 min
 Lab File: VX015456.D
 Acq: 31 Mar 2020 16:05

Tgt Ion: 84 Resp: 592166

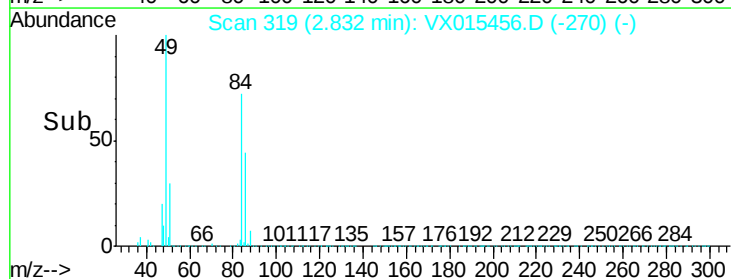
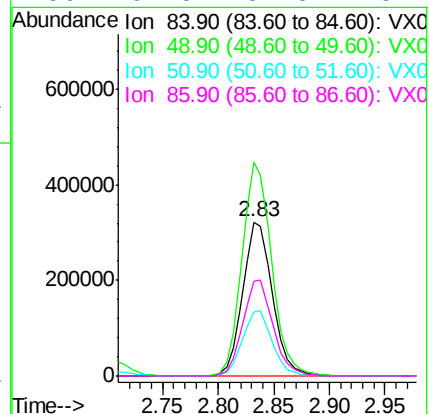
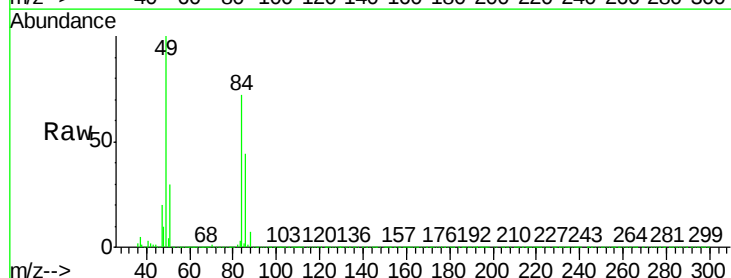
Ion Ratio Lower Upper

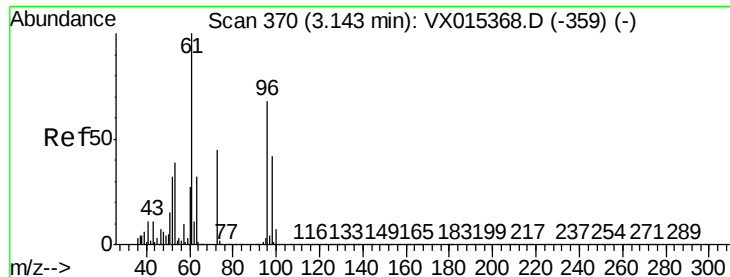
84 100

49 139.0 111.3 166.9

51 41.7 34.0 51.0

86 61.8 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 50.140 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015456.D

Acq: 31 Mar 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

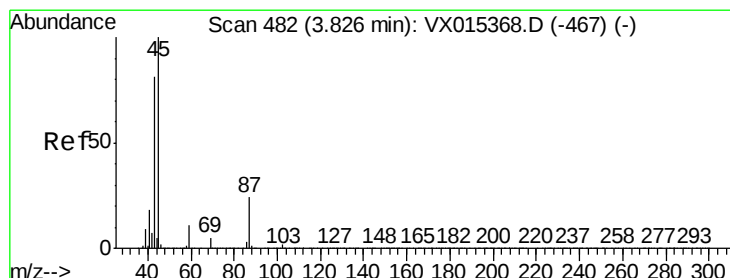
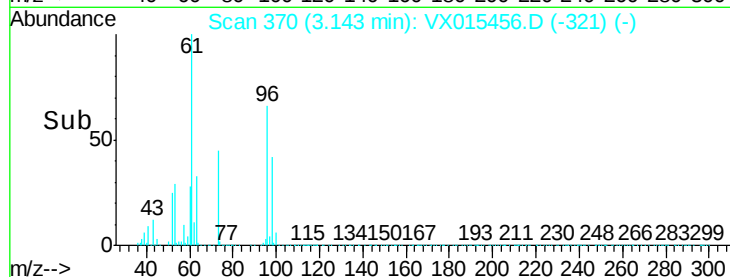
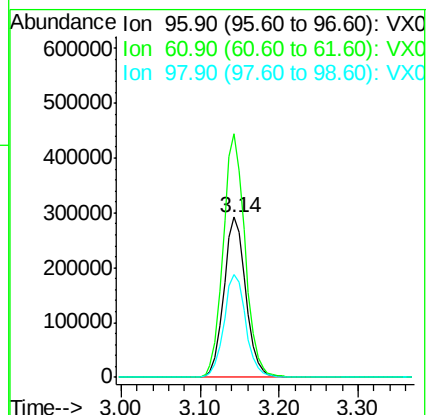
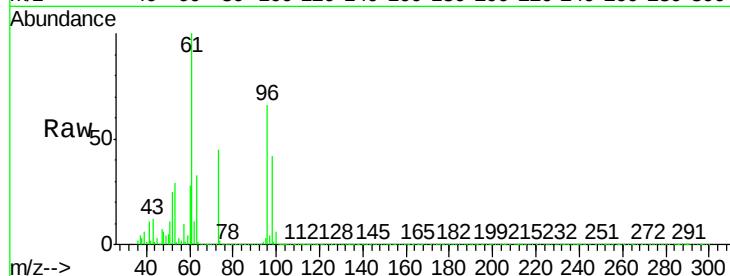
Tot Ion: 96 Resp: 561819

Ion Ratio Lower Upper

96 100

61 152.2 116.9 175.3

98 64.1 48.6 73.0



#22

Diisopropyl ether

Concen: 51.440 ug/l

RT: 3.83 min Scan# 482

Delta R.T. 0.00 min

Lab File: VX015456.D

Acq: 31 Mar 2020 16:05

Tgt Ion: 45 Resp: 2150357

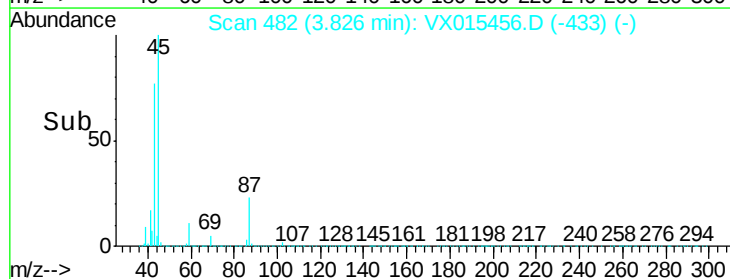
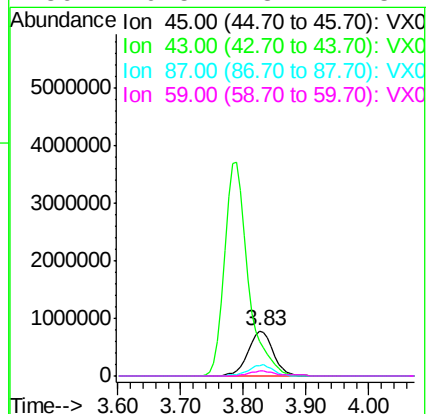
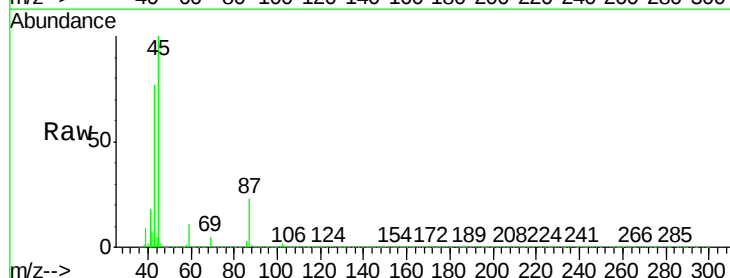
Ion Ratio Lower Upper

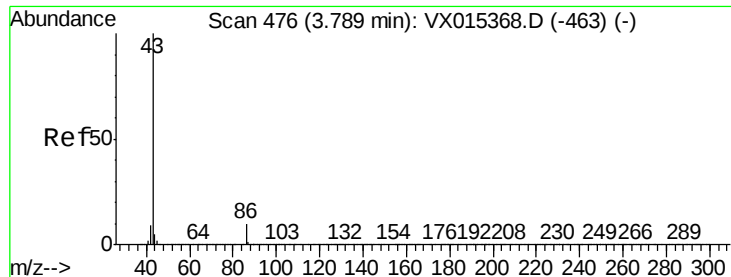
45 100

43 76.7 64.7 97.1

87 22.6 19.4 29.0

59 10.5 8.7 13.1





#23

Vinyl Acetate

Concen: 254.880 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015456.D

Acq: 31 Mar 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

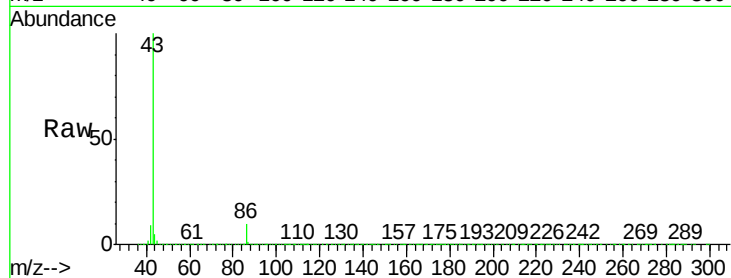
VSTDCCC050EC

Tot Ion: 43 Resp: 9646858

Ion Ratio Lower Upper

43 100

86 9.6 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

4000000

3000000

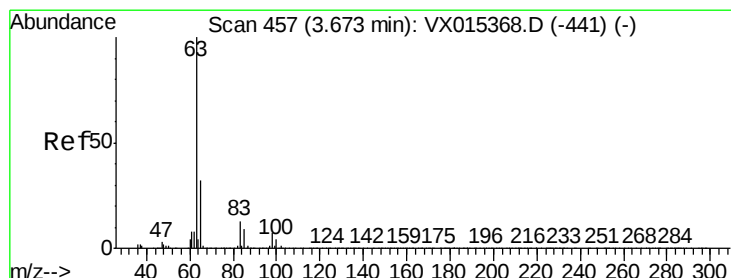
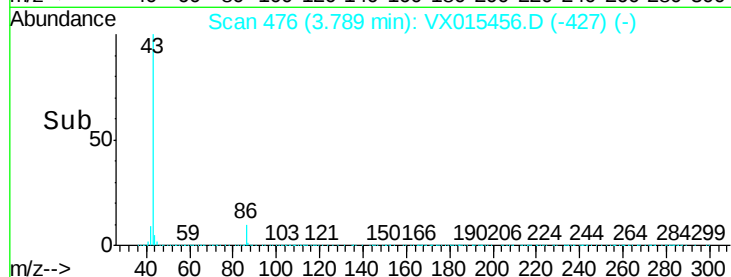
2000000

1000000

0

Time-->

3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 50.329 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015456.D

Acq: 31 Mar 2020 16:05

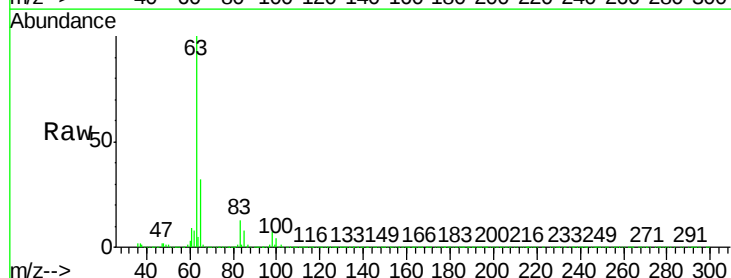
Tgt Ion: 63 Resp: 1107725

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

100 4.4 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

600000

500000

400000

300000

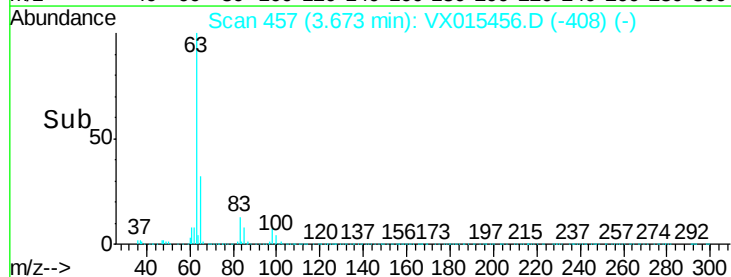
200000

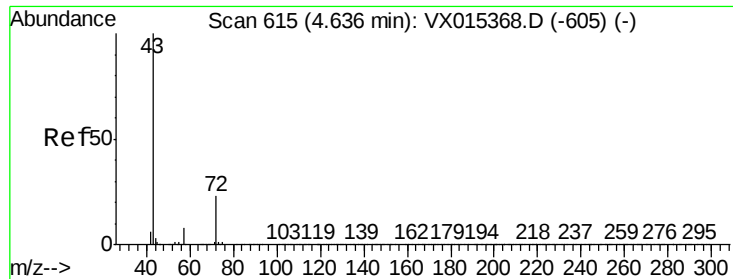
100000

0

Time-->

3.60 3.70 3.80

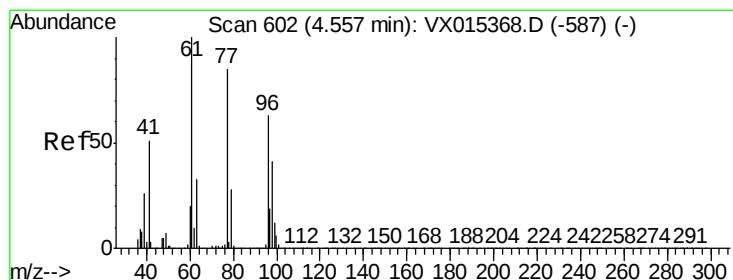
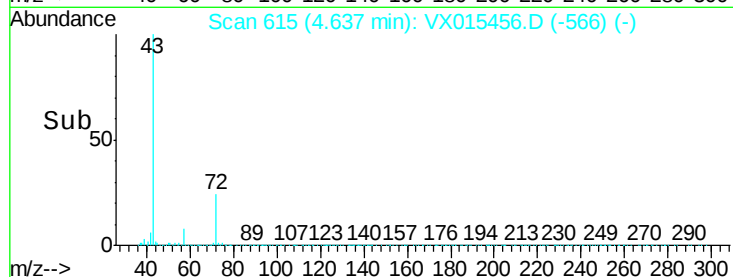
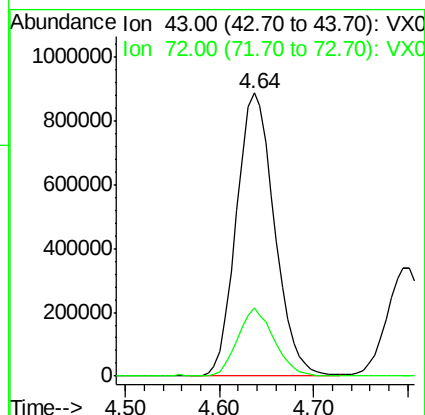
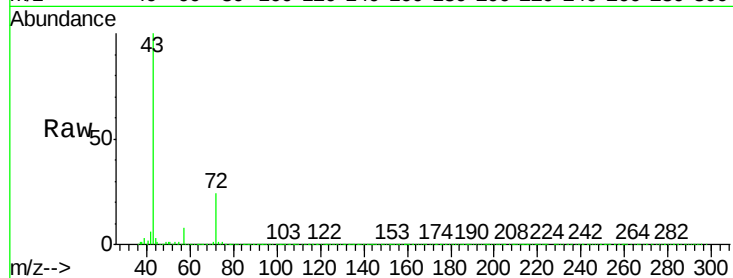




#25
2-Butanone
Concen: 239.270 ug/l
RT: 4.64 min Scan# 615
Delta R.T. 0.00 min
Lab File: VX015456.D
Acq: 31 Mar 2020 16:05

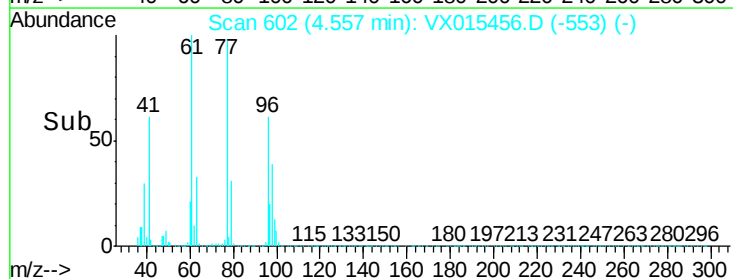
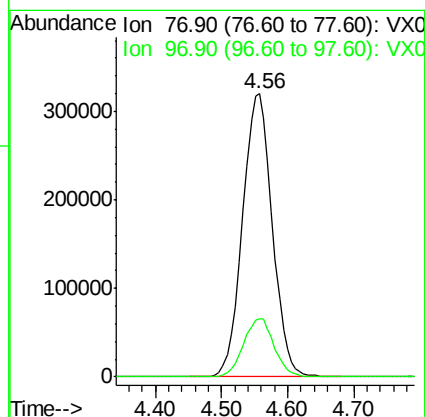
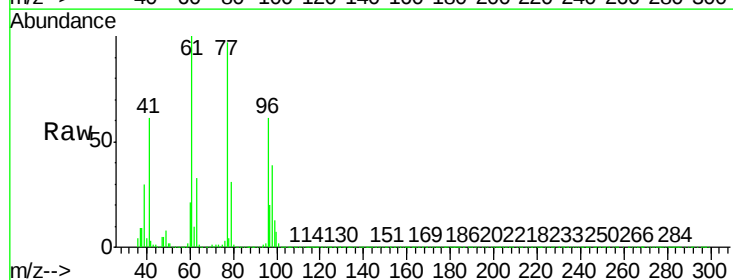
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

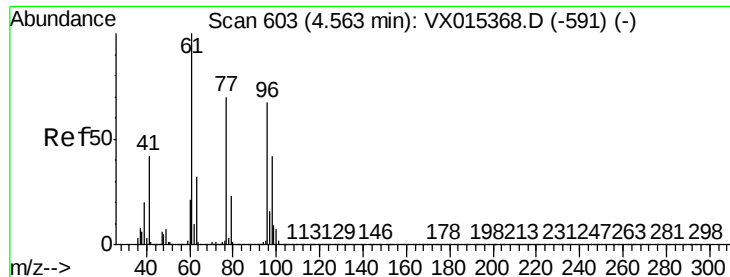
Tot Ion: 43 Resp: 2493449
Ion Ratio Lower Upper
43 100
72 24.0 19.0 28.4



#26
2,2-Dichloropropane
Concen: 55.179 ug/l
RT: 4.56 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX015456.D
Acq: 31 Mar 2020 16:05

Tgt Ion: 77 Resp: 996868
Ion Ratio Lower Upper
77 100
97 21.0 11.3 33.8



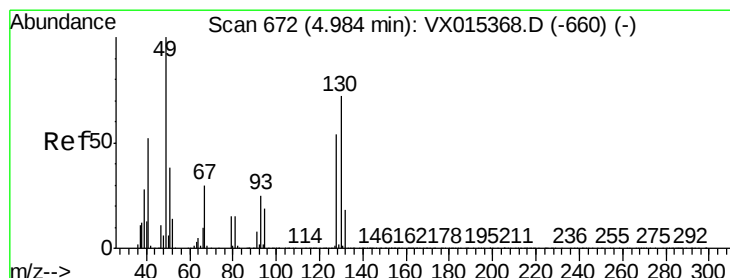
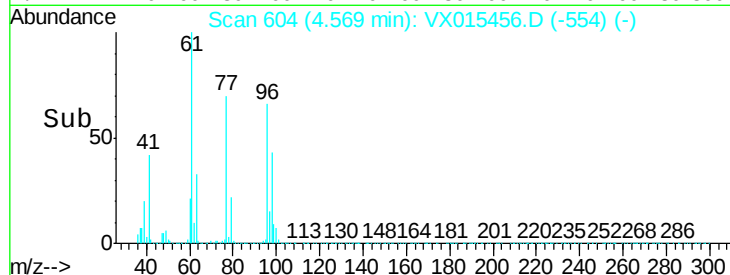
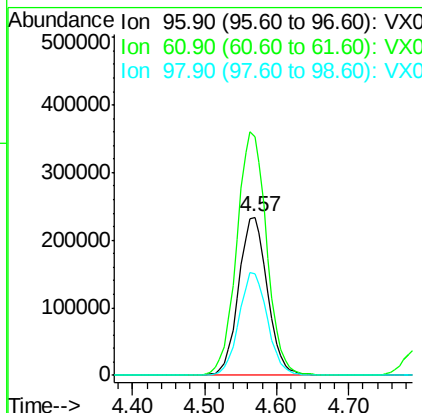
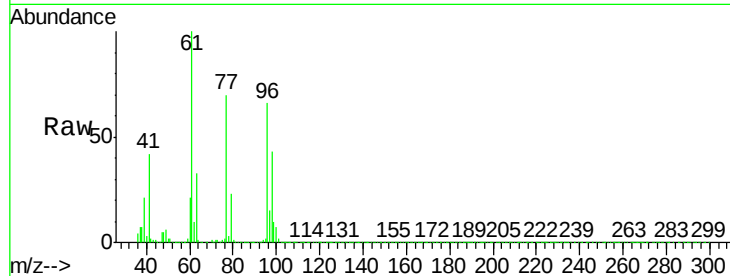


#27

cis-1,2-Dichloroethene
Concen: 50.099 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015456.D
Acq: 31 Mar 2020 16:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

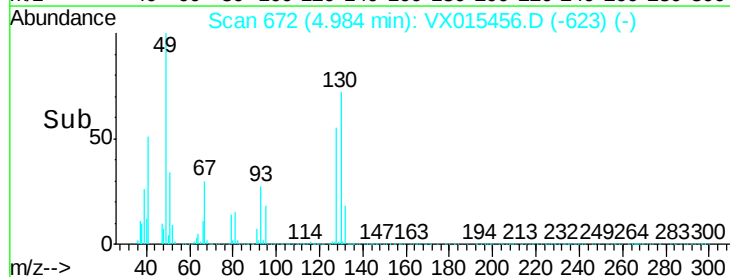
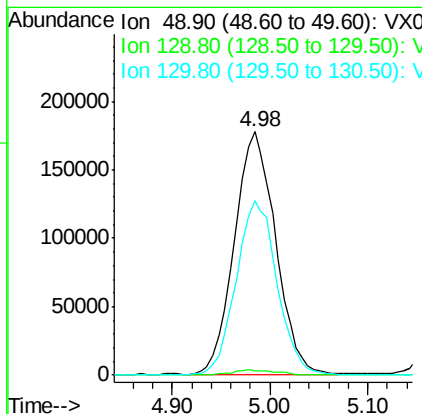
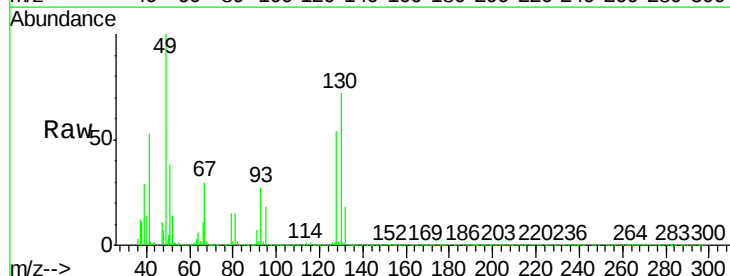
Tot Ion	Ratio	Lower	Upper
96	100		
61	159.8	0.0	308.4
98	64.2	0.0	129.2

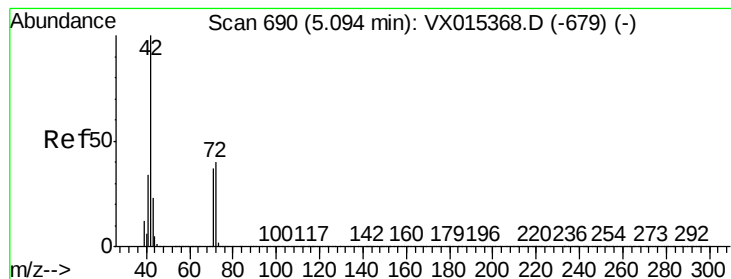


#28

Bromochloromethane
Concen: 49.361 ug/l
RT: 4.98 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX015456.D
Acq: 31 Mar 2020 16:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	71.3	57.7	86.5





#29

Tetrahydrofuran

Concen: 238.113 ug/l

RT: 5.09 min Scan# 690

Delta R.T. 0.00 min

Lab File: VX015456.D

Acq: 31 Mar 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

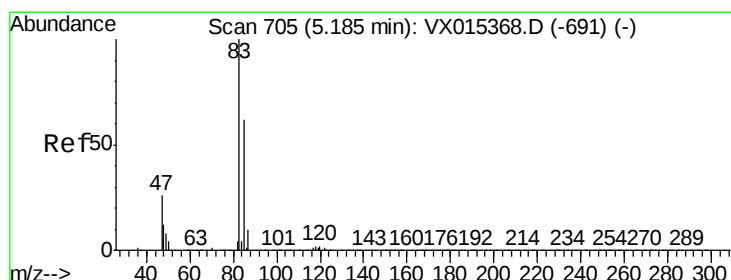
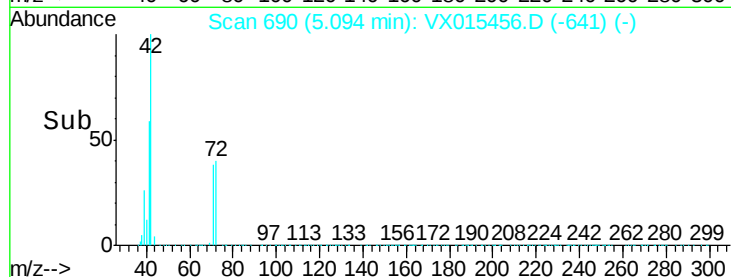
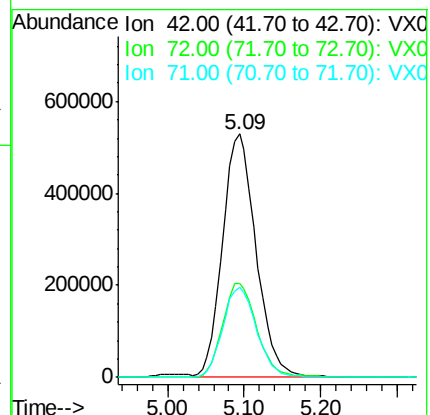
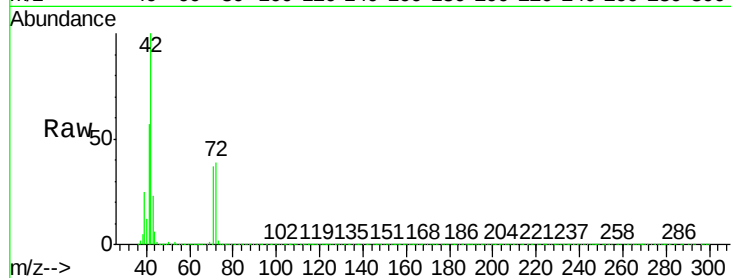
Tot Ion: 42 Resp: 1595224

Ion Ratio Lower Upper

42 100

72 40.1 31.7 47.5

71 37.2 29.6 44.4



#30

Chloroform

Concen: 50.484 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015456.D

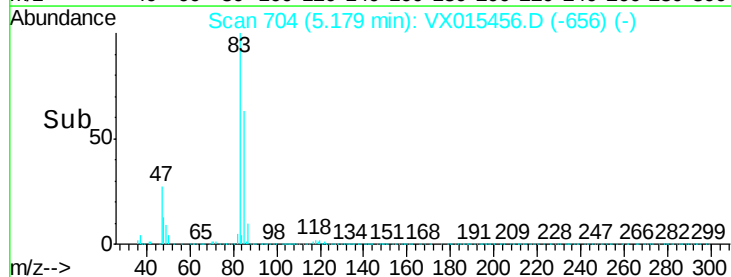
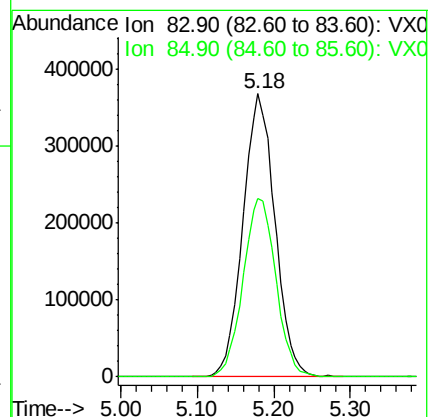
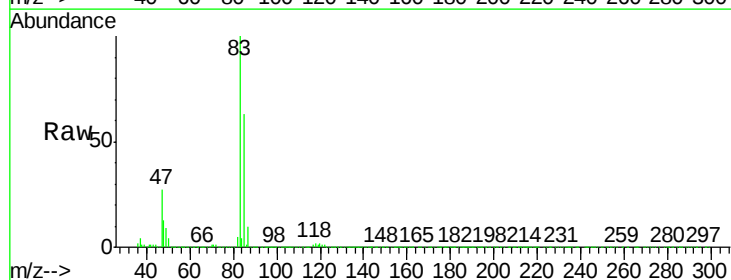
Acq: 31 Mar 2020 16:05

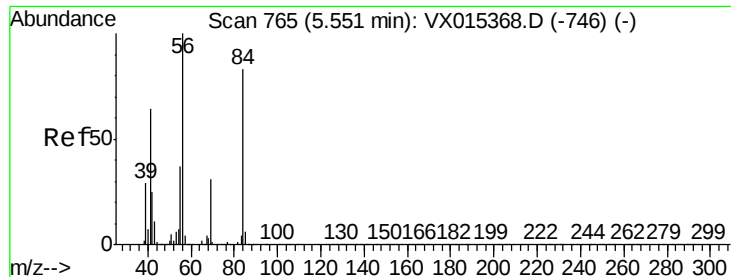
Tgt Ion: 83 Resp: 1069019

Ion Ratio Lower Upper

83 100

85 63.1 49.5 74.3

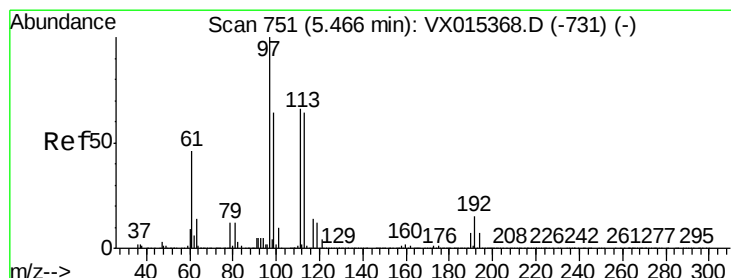
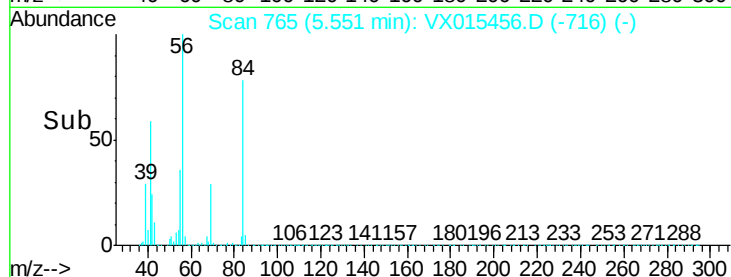
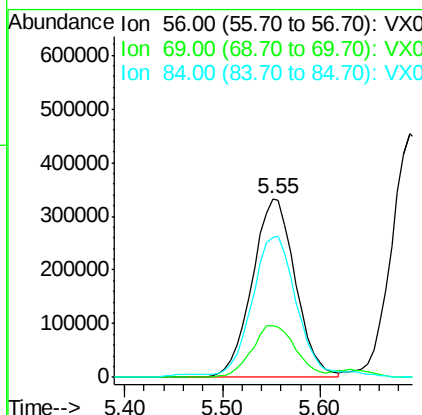
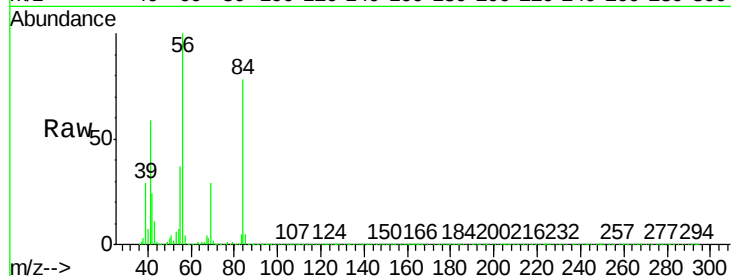




#31
Cyclohexane
Concen: 53.294 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015456.D
Acq: 31 Mar 2020 16:05

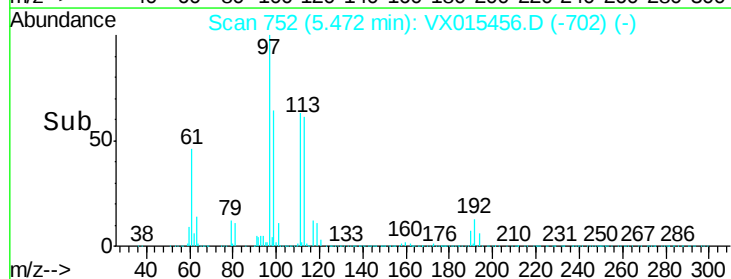
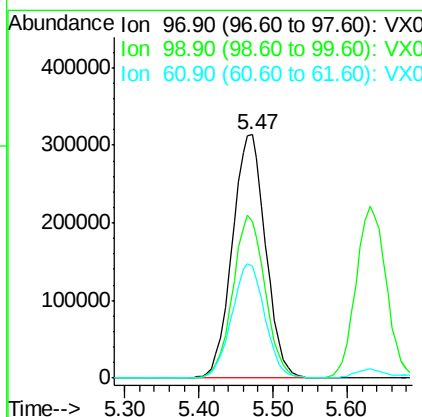
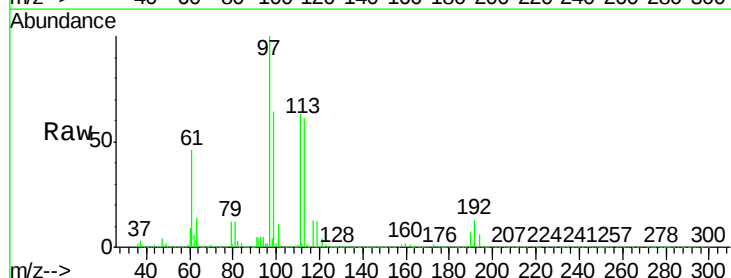
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

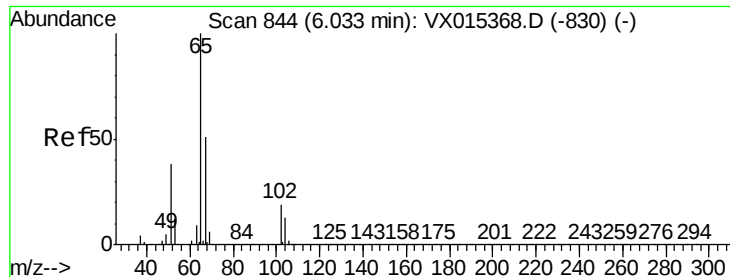
Tot Ion: 56 Resp: 1017562
Ion Ratio Lower Upper
56 100
69 28.9 24.6 36.8
84 76.5 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 51.091 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX015456.D
Acq: 31 Mar 2020 16:05

Tgt Ion: 97 Resp: 979101
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.4
61 46.7 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 48.407 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015456.D

Acq: 31 Mar 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

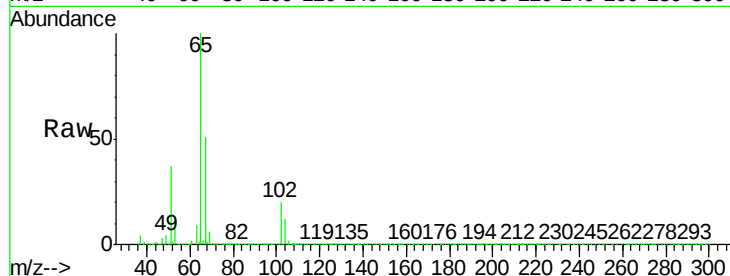
VSTDCCC050EC

Tot Ion: 65 Resp: 730108

Ion Ratio Lower Upper

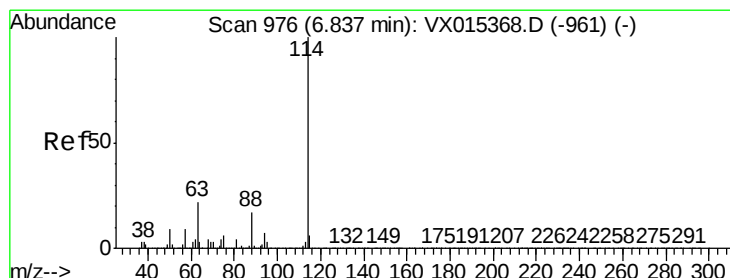
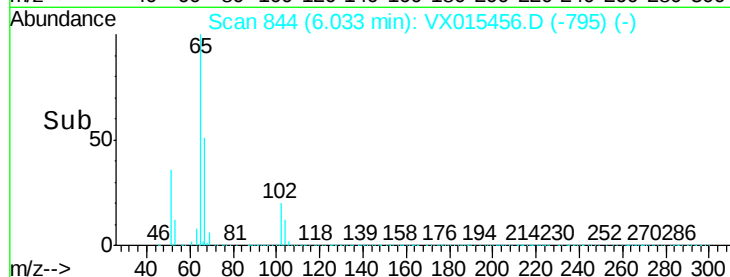
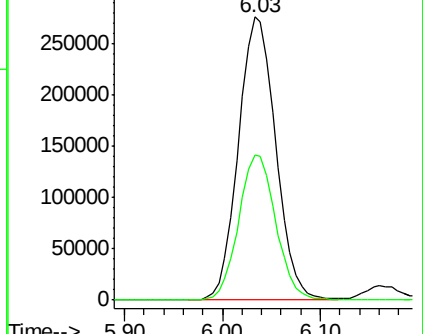
65 100

67 50.9 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015456.D

Acq: 31 Mar 2020 16:05

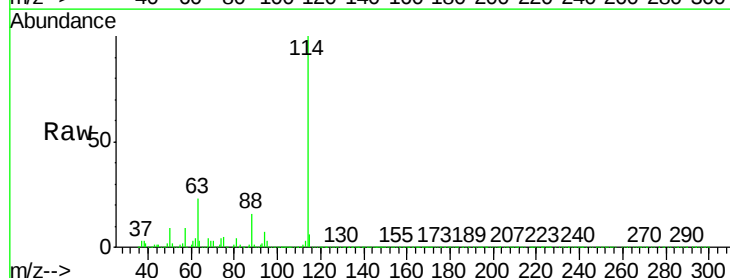
Tgt Ion: 114 Resp: 1690742

Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.2

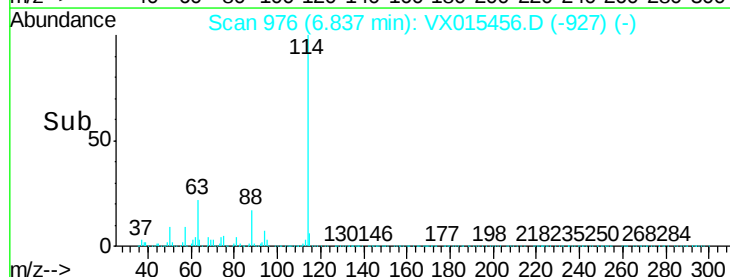
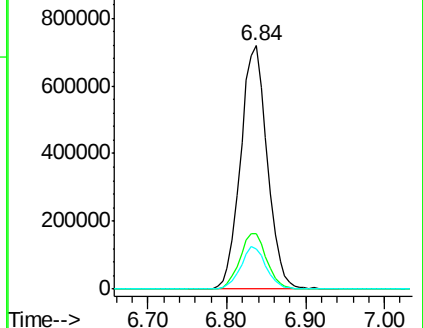
88 16.5 0.0 33.8

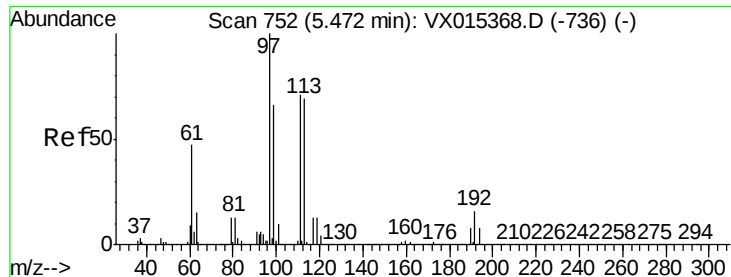


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

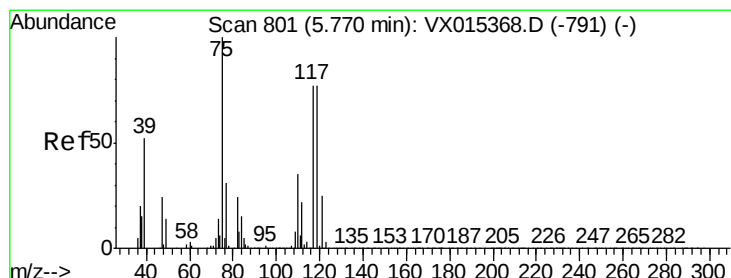
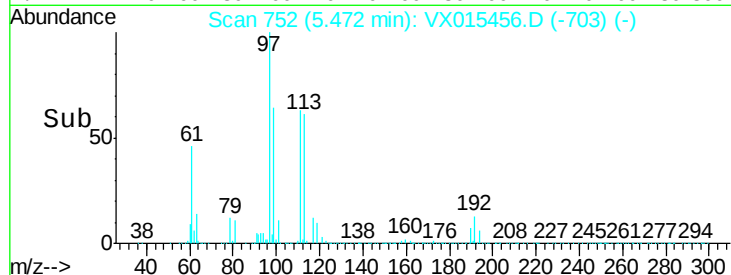
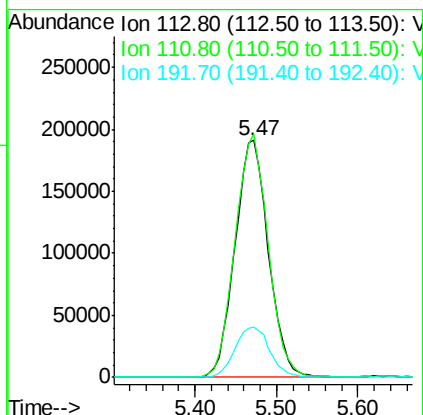
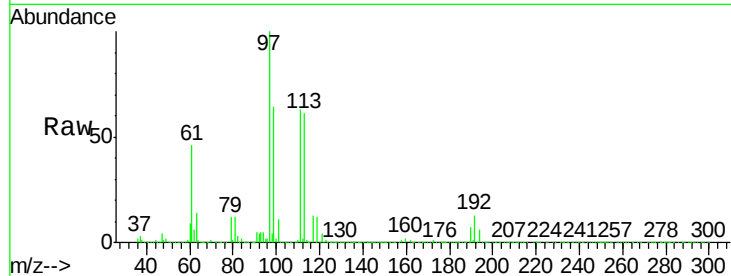




#35
Dibromofluoromethane
Concen: 49.960 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX015456.D
Acq: 31 Mar 2020 16:05

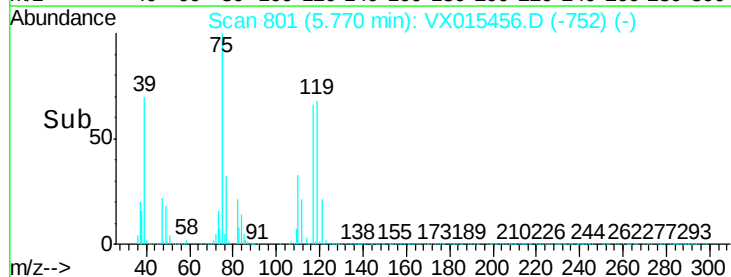
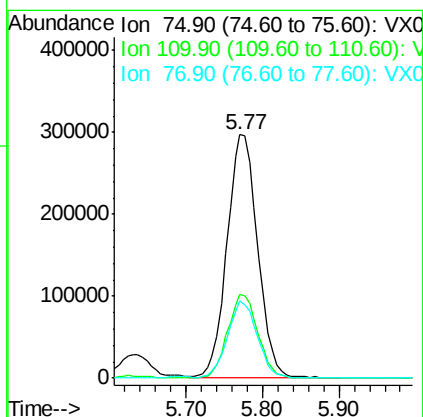
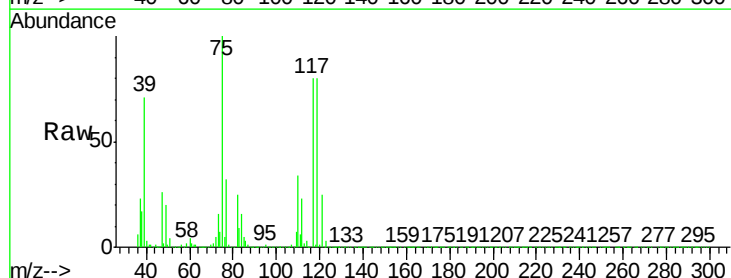
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

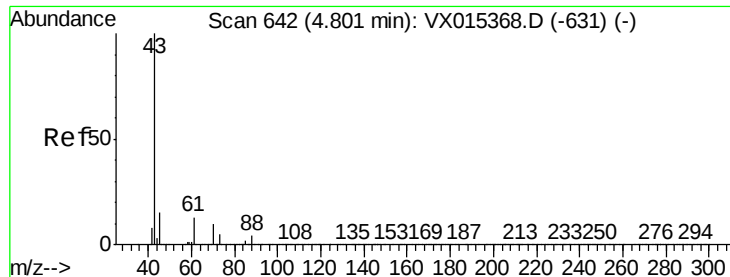
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.5	122.3
192	22.1	17.8	26.6



#36
1,1-Dichloropropene
Concen: 52.559 ug/l
RT: 5.77 min Scan# 801
Delta R.T. 0.00 min
Lab File: VX015456.D
Acq: 31 Mar 2020 16:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.7	17.1	51.3
77	30.4	24.6	36.8

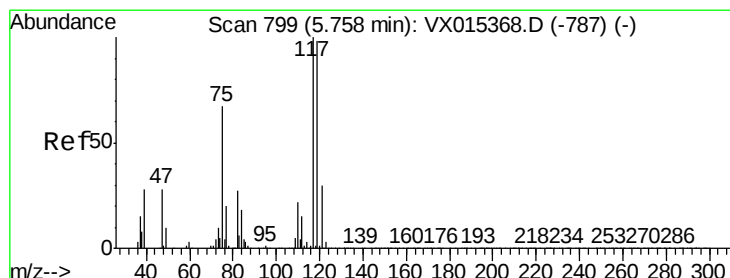
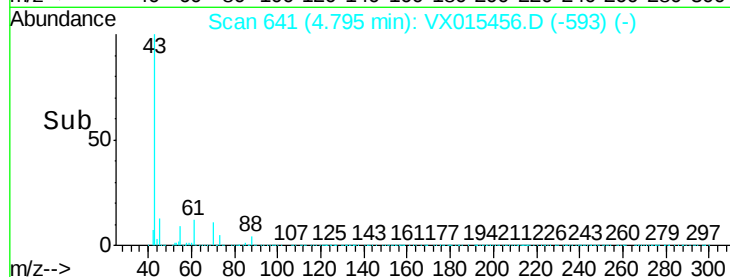
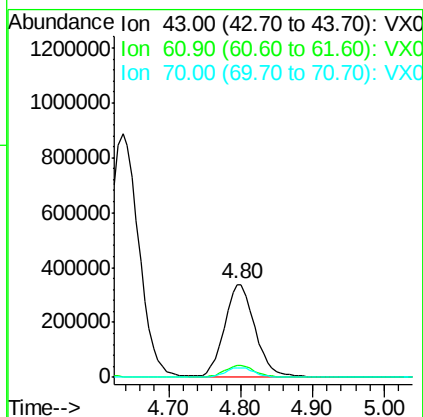
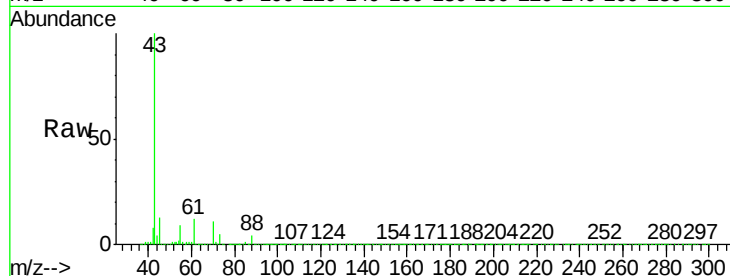




#37
Ethyl Acetate
Concen: 49.013 ug/l
RT: 4.80 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015456.D
Acq: 31 Mar 2020 16:05

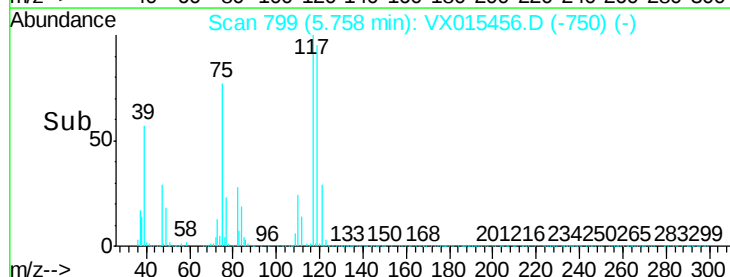
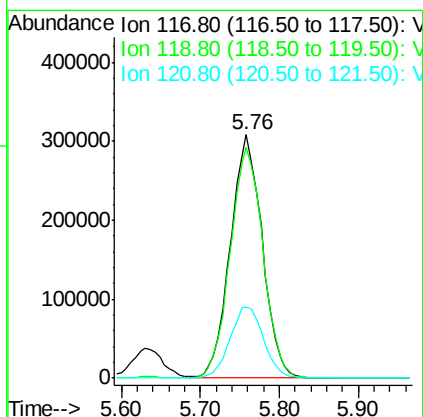
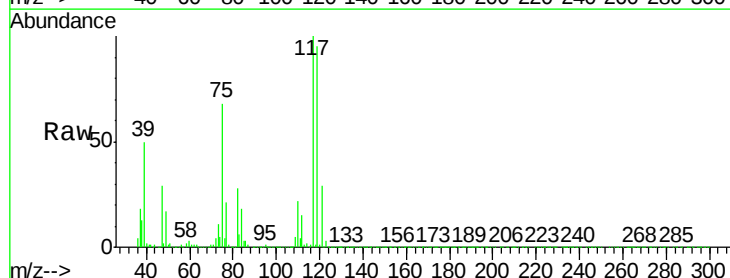
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

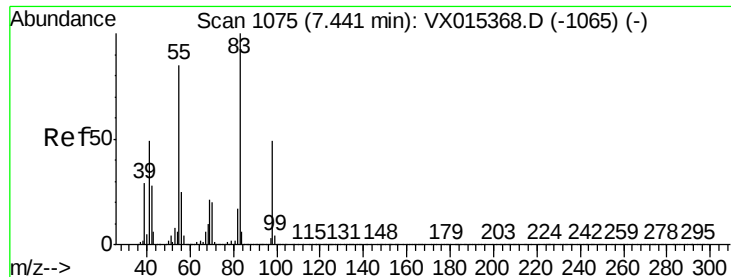
Tot Ion:	43	Resp:	994179
Ion	Ratio	Lower	Upper
43	100		
61	12.3	9.9	14.9
70	10.1	8.1	12.1



#38
Carbon Tetrachloride
Concen: 51.324 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015456.D
Acq: 31 Mar 2020 16:05

Tgt Ion:	117	Resp:	865980
Ion	Ratio	Lower	Upper
117	100		
119	94.8	78.0	117.0
121	28.9	23.8	35.8

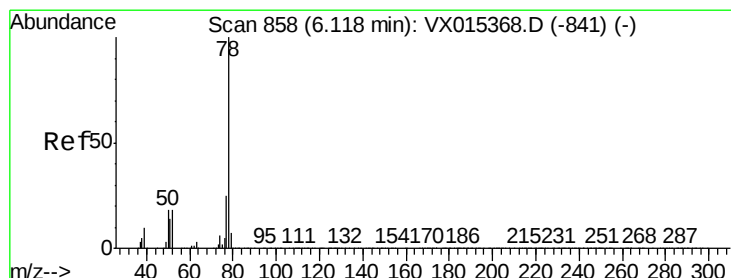
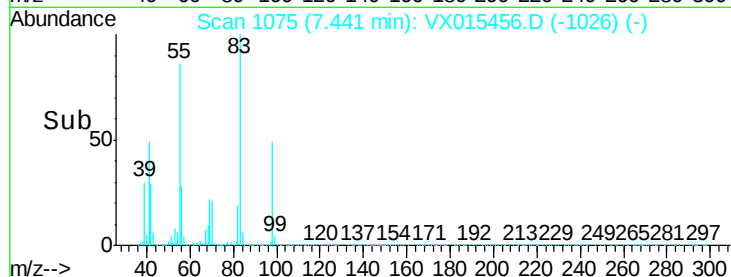
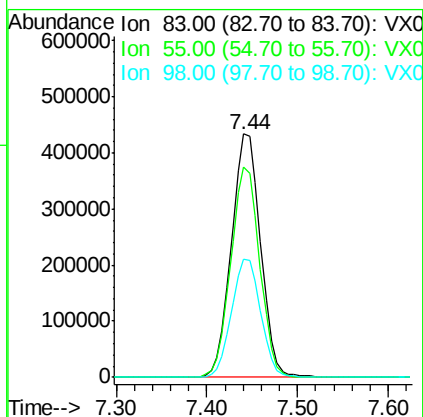
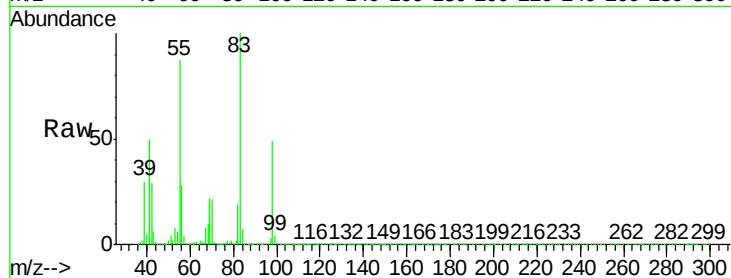




#39
Methvlcvclohexane
Concen: 53.715 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015456.D
Acq: 31 Mar 2020 16:05

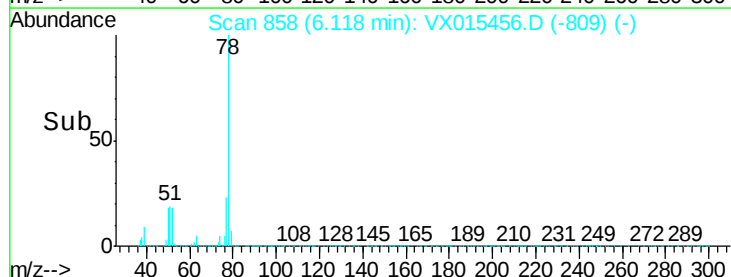
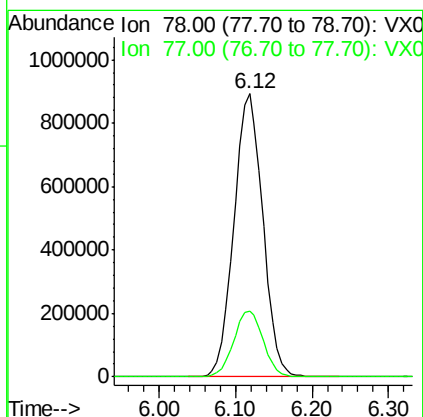
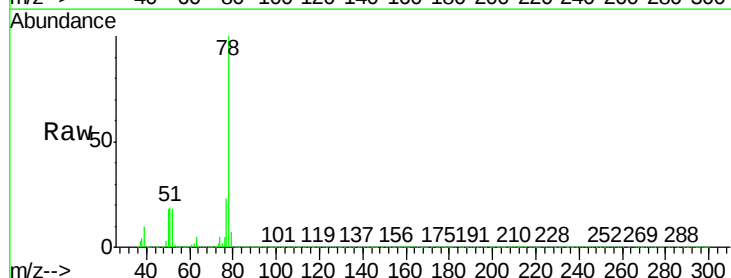
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

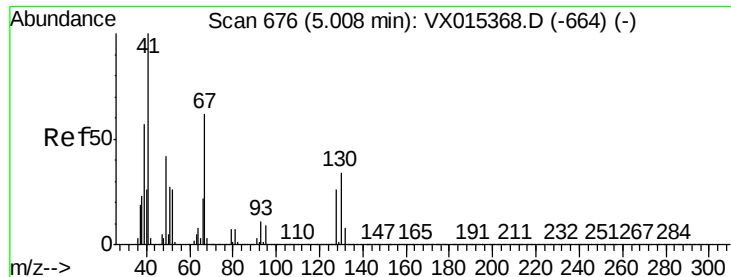
Tot Ion	83	Resp	964814
Ion Ratio	Lower	Upper	
83	100		
55	86.4	67.8	101.6
98	48.7	39.3	58.9



#40
Benzene
Concen: 51.063 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015456.D
Acq: 31 Mar 2020 16:05

Tgt Ion	78	Resp	2330148
Ion Ratio	Lower	Upper	
78	100		
77	23.4	19.8	29.8

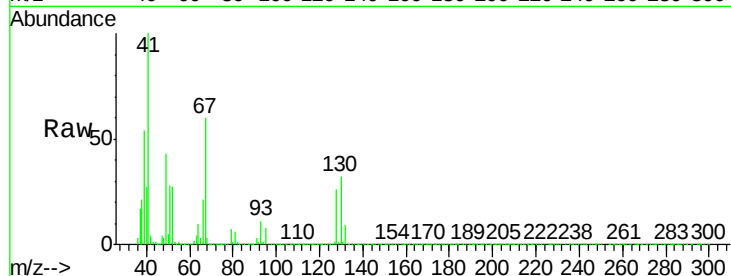




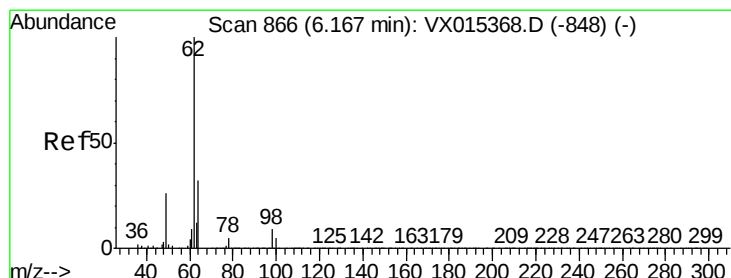
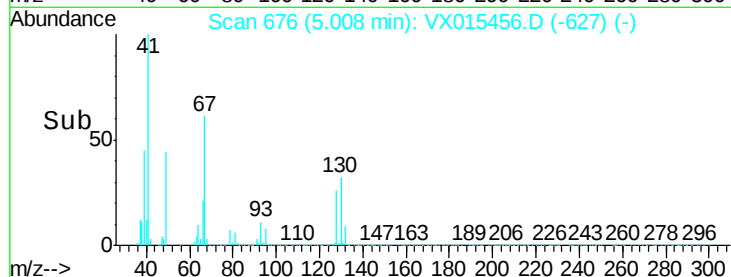
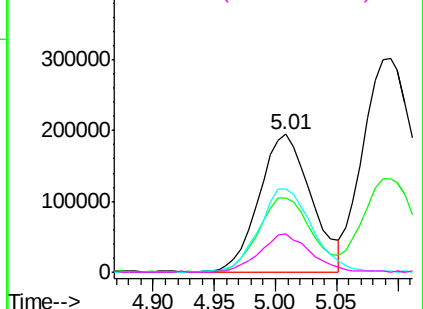
#41
Methacrylonitrile
Concen: 51.024 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015456.D
Acq: 31 Mar 2020 16:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	574533
Ion	Ratio	Lower	Upper
41	100		
39	55.3	44.5	66.7
67	61.9	48.9	73.3
52	26.7	21.8	32.6

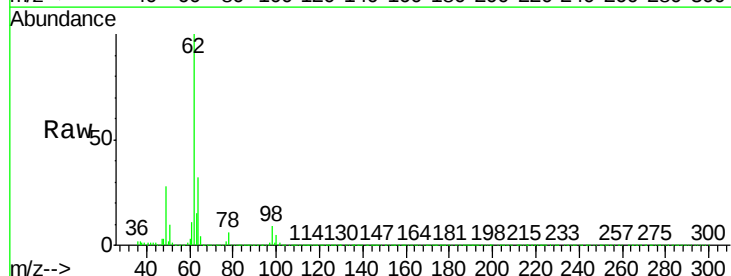


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

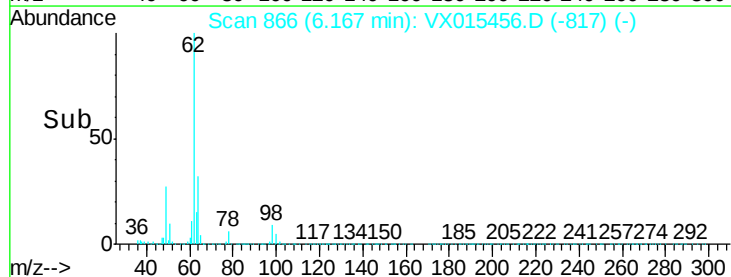
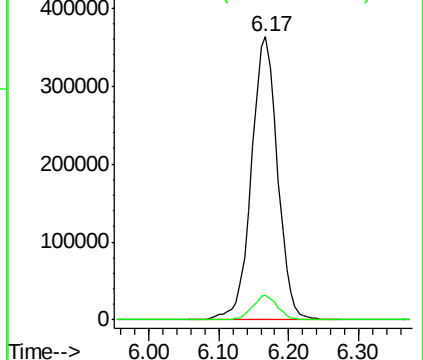


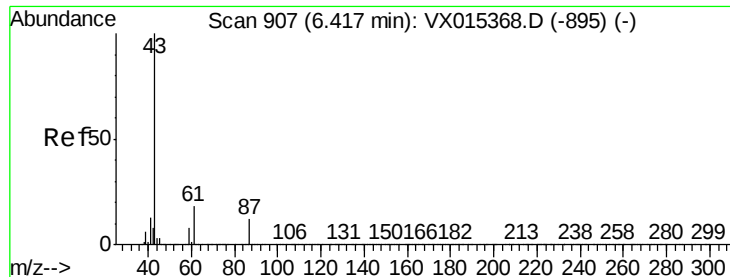
#42
1,2-Dichloroethane
Concen: 51.600 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015456.D
Acq: 31 Mar 2020 16:05

Tgt Ion:	62	Resp:	945824
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.6



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



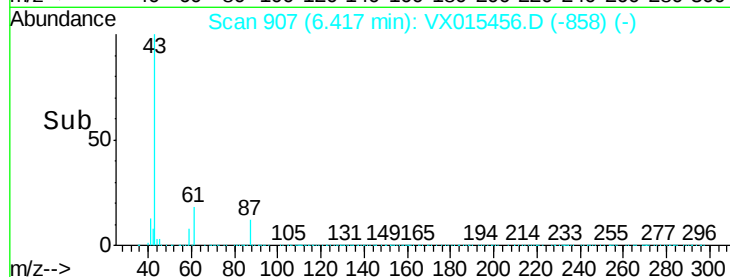
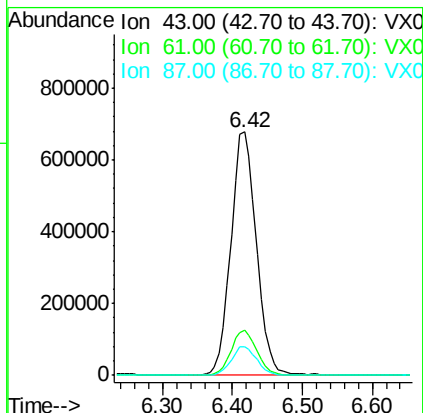
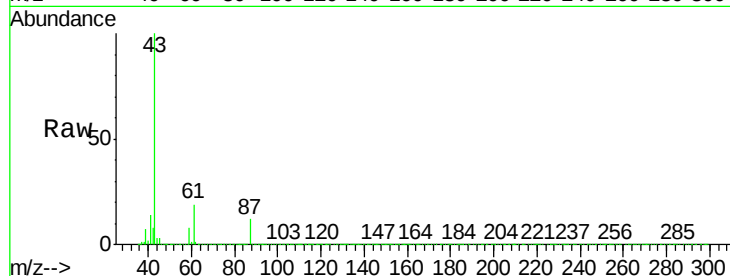


#43

Isopropyl Acetate
 Concen: 49.956 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: VX015456.D
 Acq: 31 Mar 2020 16:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

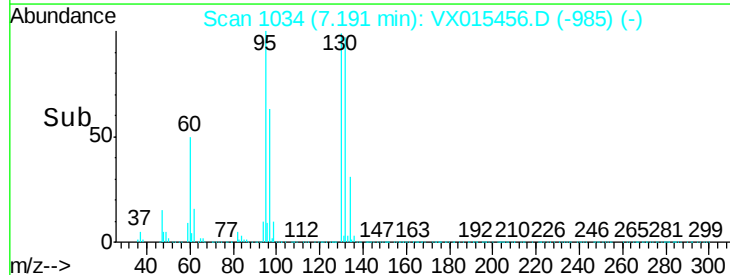
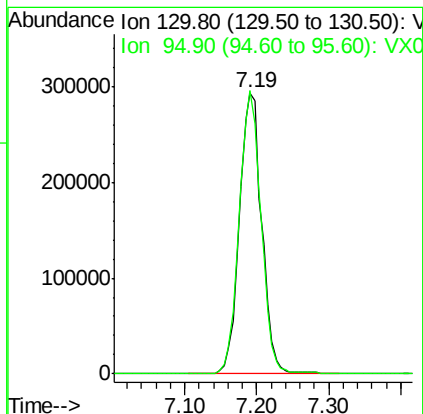
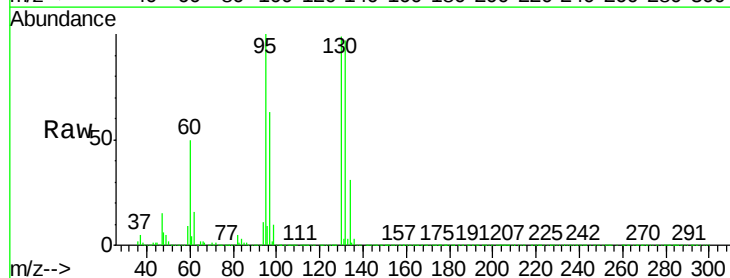
Tot Ion: 43 Resp: 1710559
 Ion Ratio Lower Upper
 43 100
 61 18.7 14.8 22.2
 87 11.6 9.4 14.0

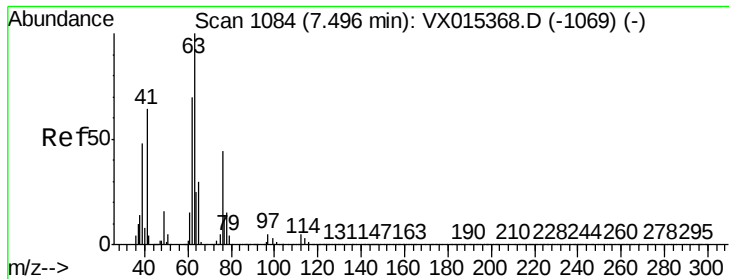


#44

Trichloroethene
 Concen: 50.554 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015456.D
 Acq: 31 Mar 2020 16:05

Tgt Ion: 130 Resp: 629156
 Ion Ratio Lower Upper
 130 100
 95 100.7 0.0 199.0

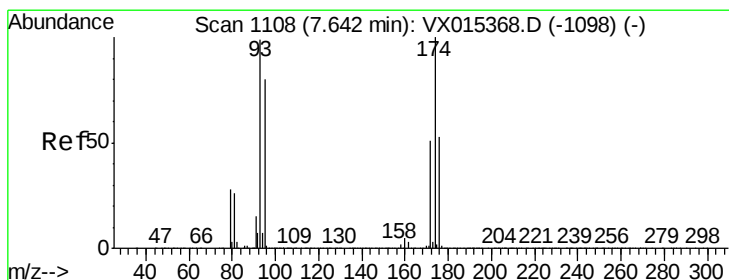
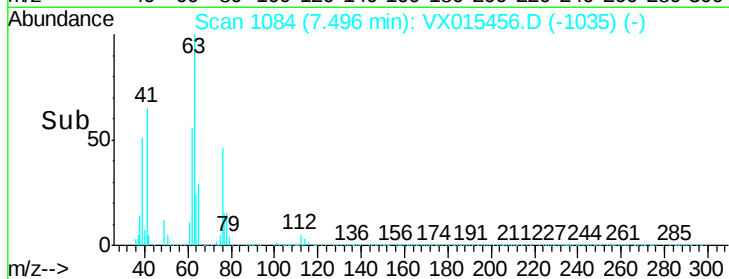
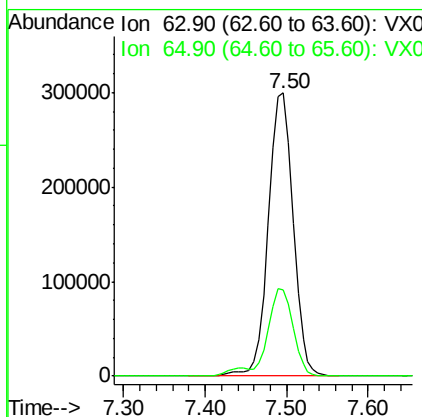
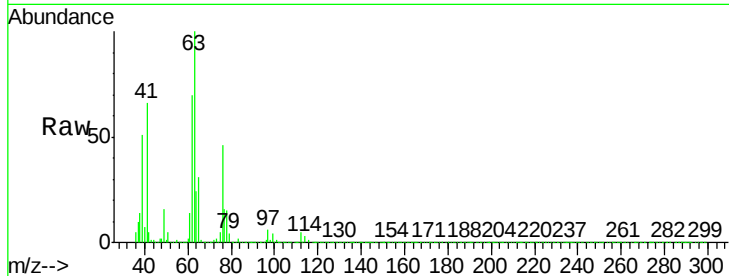




#45
 1,2-Dichloropropane
 Concen: 50.326 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX015456.D
 Acq: 31 Mar 2020 16:05

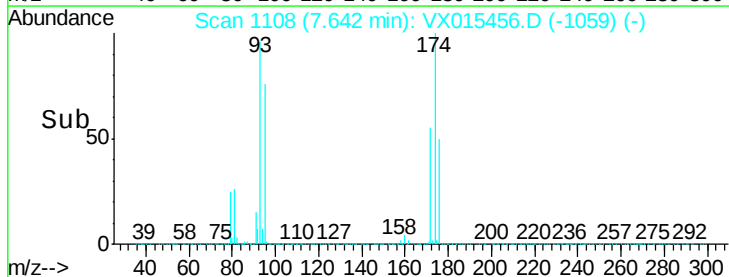
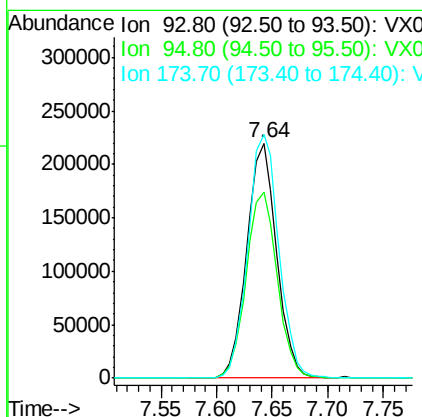
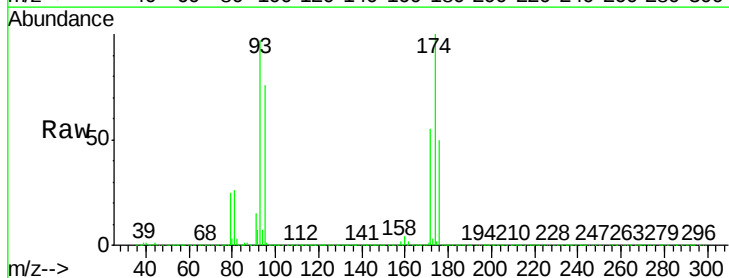
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

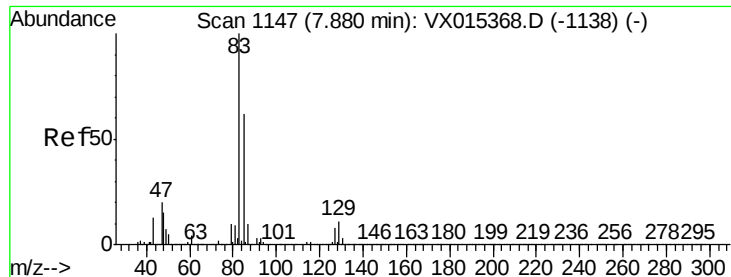
Tot Ion: 63 Resp: 628245
 Ion Ratio Lower Upper
 63 100
 65 30.6 23.9 35.9



#46
 Dibromomethane
 Concen: 50.069 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015456.D
 Acq: 31 Mar 2020 16:05

Tgt Ion: 93 Resp: 410009
 Ion Ratio Lower Upper
 93 100
 95 83.2 65.8 98.8
 174 108.1 86.2 129.2





#47

Bromodichloromethane

Concen: 51.218 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015456.D

Acq: 31 Mar 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

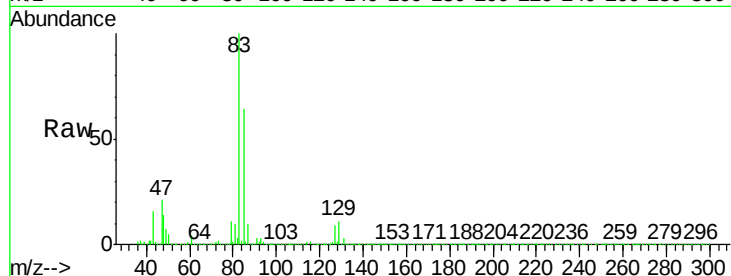
Tot Ion: 83 Resp: 893686

Ion Ratio Lower Upper

83 100

85 64.0 49.7 74.5

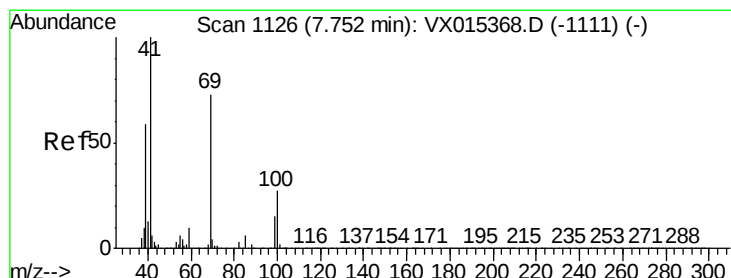
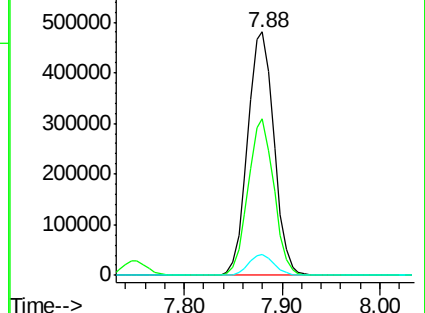
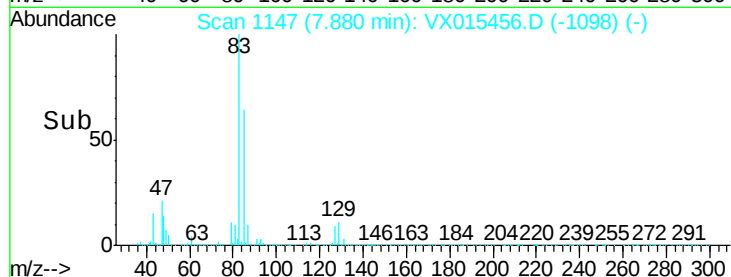
127 8.7 6.7 10.1



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: 49.721 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. -0.01 min

Lab File: VX015456.D

Acq: 31 Mar 2020 16:05

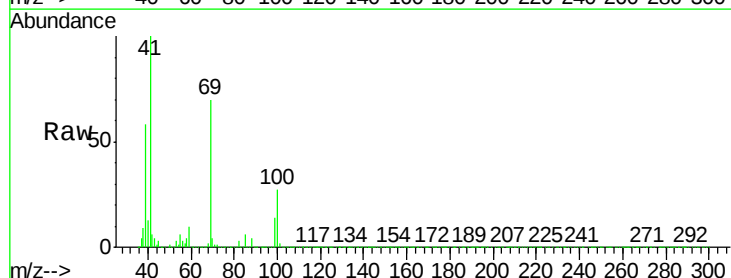
Tgt Ion: 41 Resp: 850387

Ion Ratio Lower Upper

41 100

69 71.0 56.7 85.1

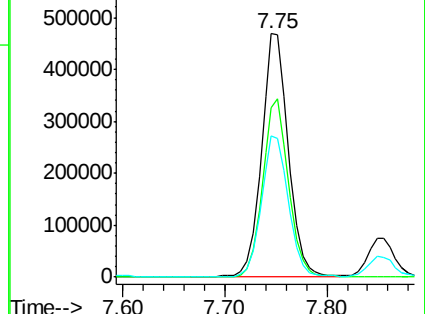
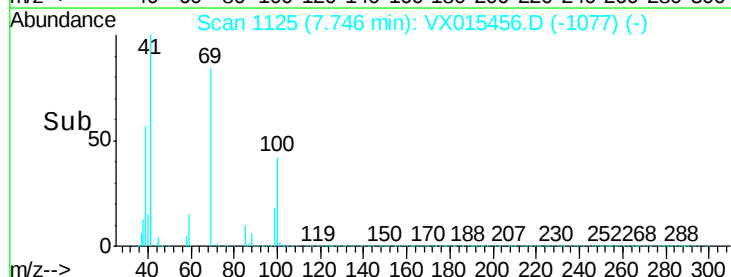
39 58.4 46.5 69.7

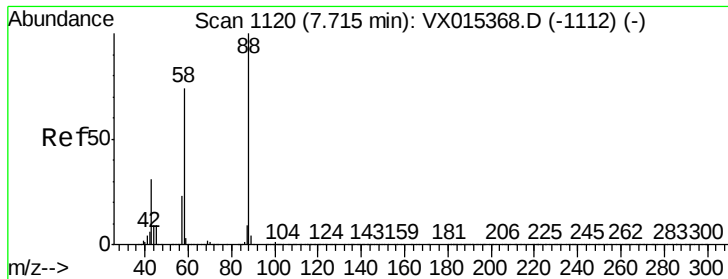


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 986.746 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. 0.00 min

Lab File: VX015456.D

Acq: 31 Mar 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

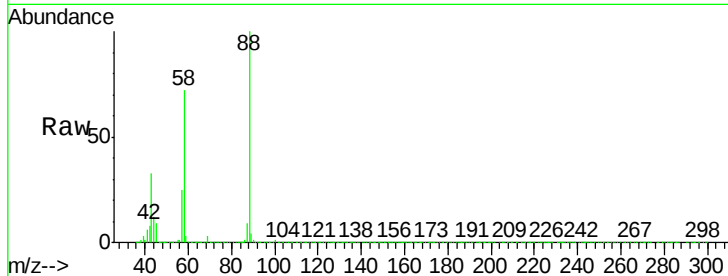
Tot Ion: 88 Resp: 314833

Ion Ratio Lower Upper

88 100

43 38.3 30.1 45.1

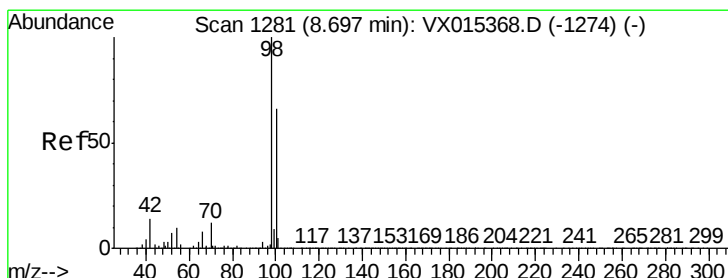
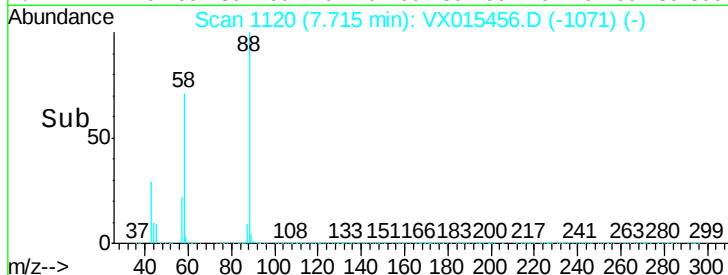
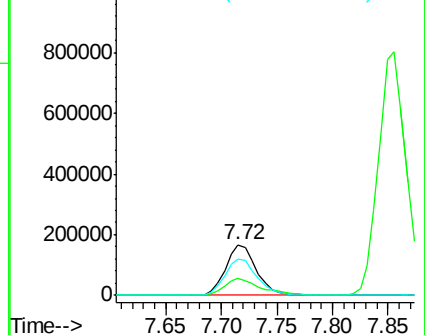
58 76.1 60.6 90.8



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: 49.416 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015456.D

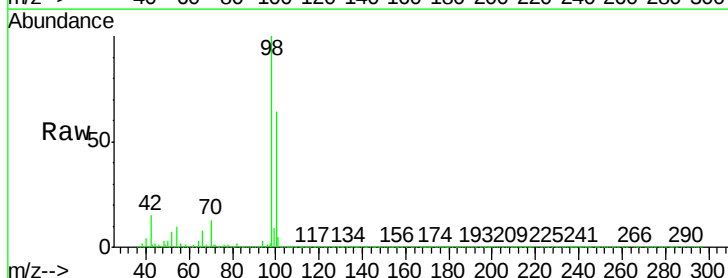
Acq: 31 Mar 2020 16:05

Tgt Ion: 98 Resp: 1966299

Ion Ratio Lower Upper

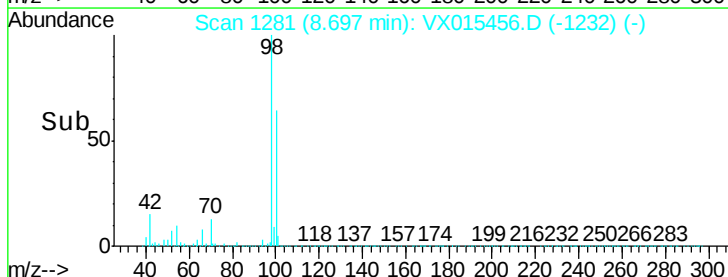
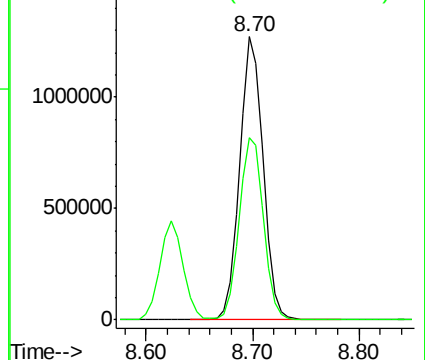
98 100

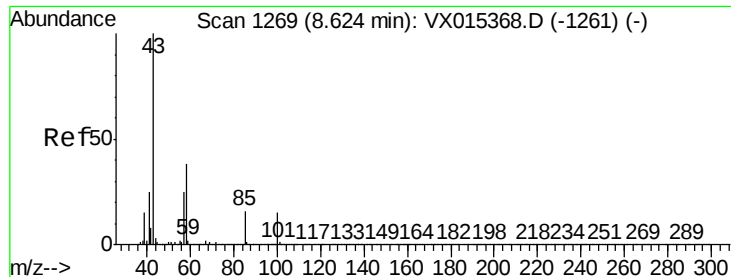
100 66.6 53.5 80.3



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: 249.431 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015456.D

Acq: 31 Mar 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

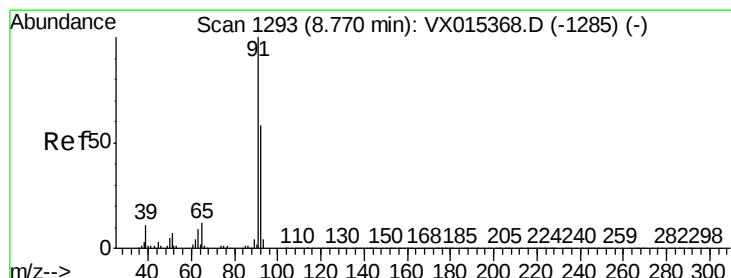
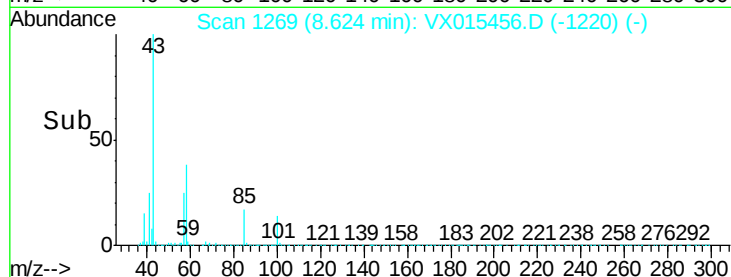
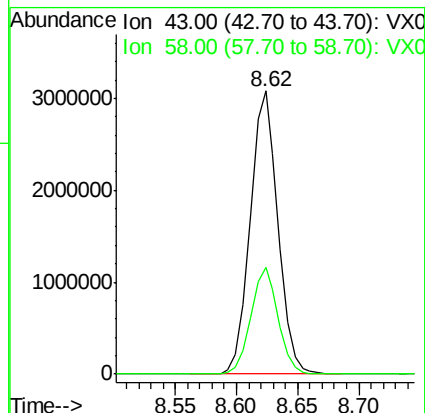
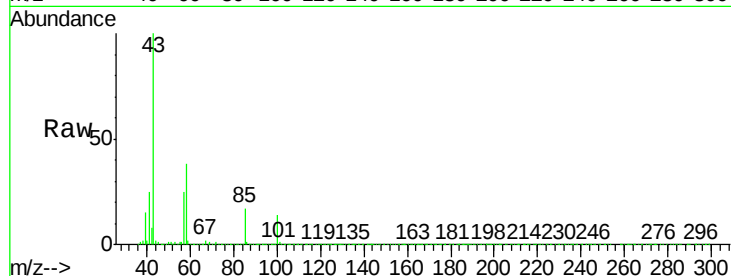
VSTDCCC050EC

Tot Ion: 43 Resp: 4840315

Ion Ratio Lower Upper

43 100

58 37.1 29.7 44.5



#52

Toluene

Concen: 51.878 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015456.D

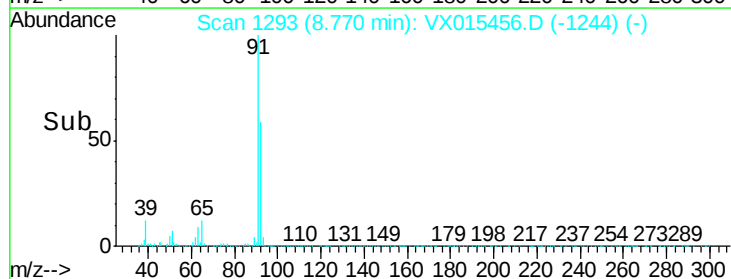
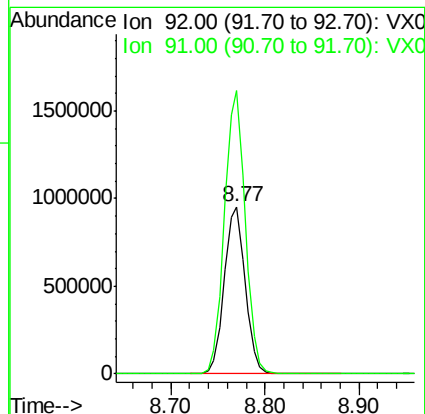
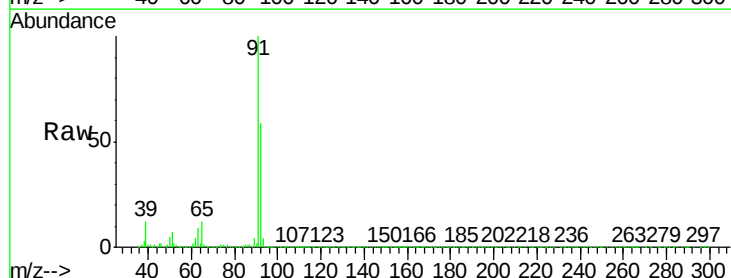
Acq: 31 Mar 2020 16:05

Tgt Ion: 92 Resp: 1459548

Ion Ratio Lower Upper

92 100

91 168.7 136.6 205.0

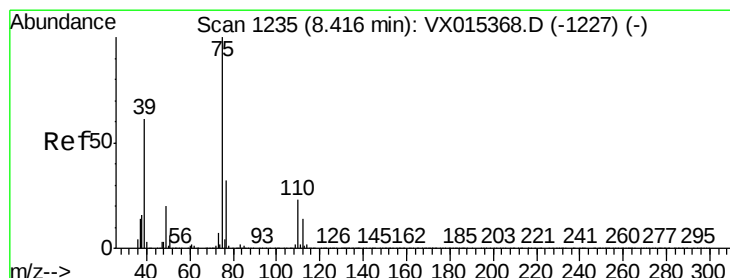
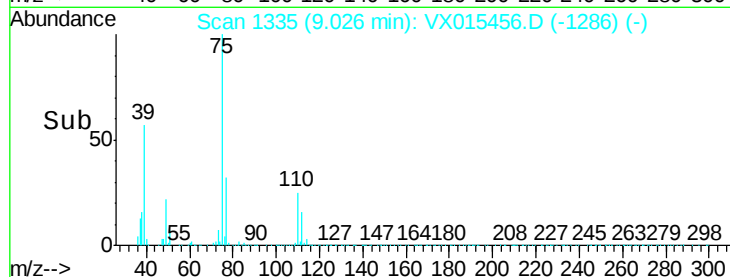
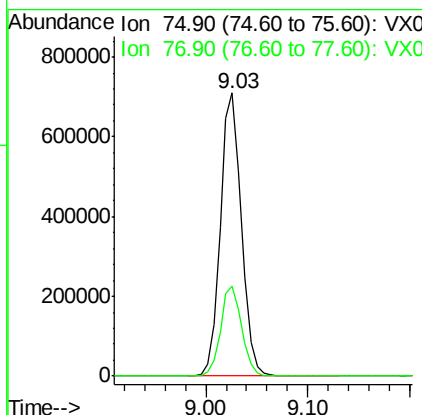
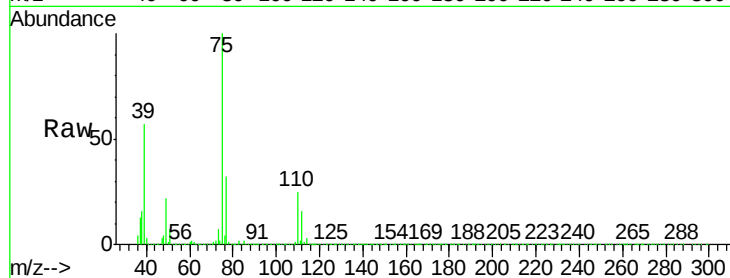




#53
t-1,3-Dichloropropene
Concen: 49.837 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015456.D
Acq: 31 Mar 2020 16:05

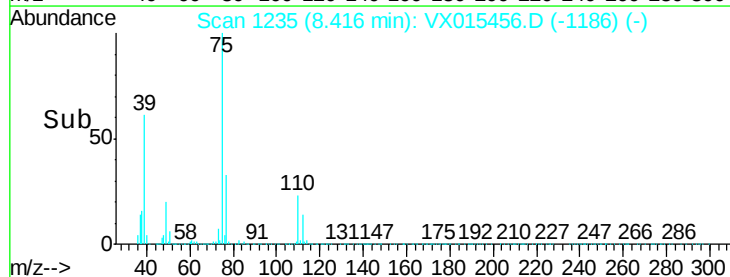
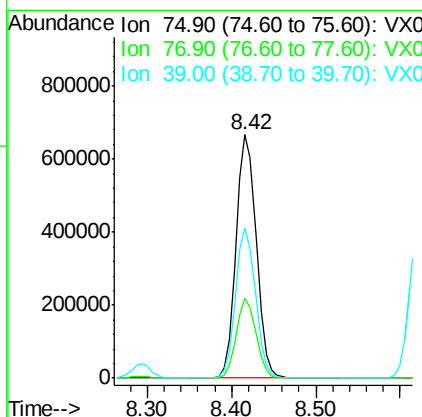
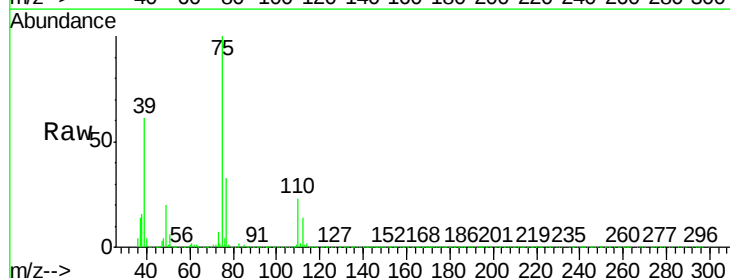
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

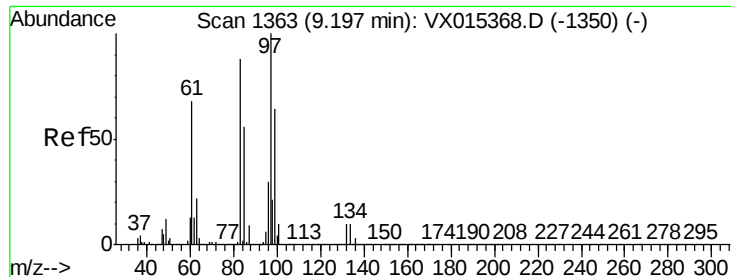
Tot Ion: 75 Resp: 1019877
Ion Ratio Lower Upper
75 100
77 32.0 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 51.362 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015456.D
Acq: 31 Mar 2020 16:05

Tgt Ion: 75 Resp: 1070691
Ion Ratio Lower Upper
75 100
77 32.7 25.8 38.6
39 61.3 49.0 73.4

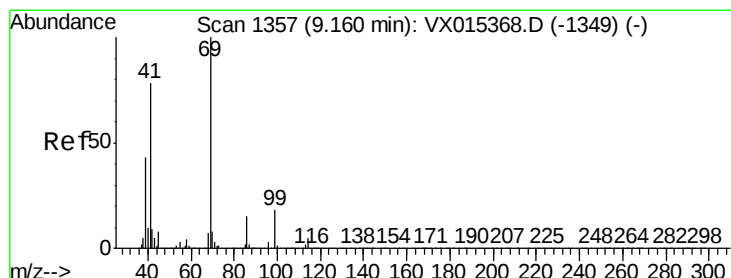
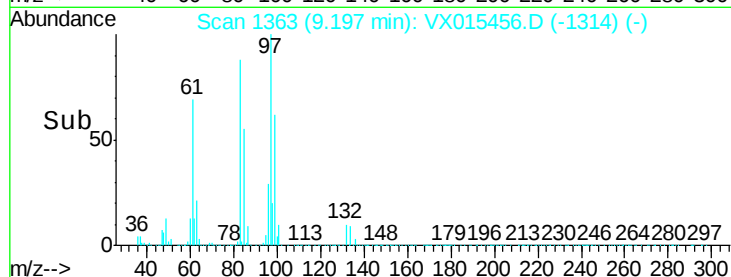
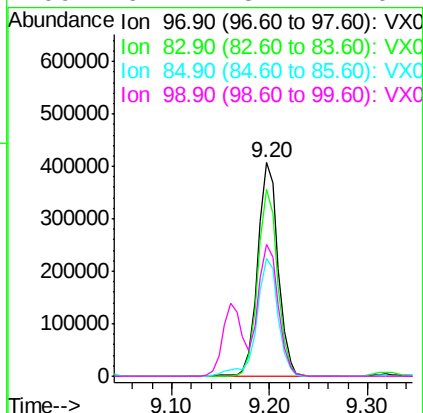
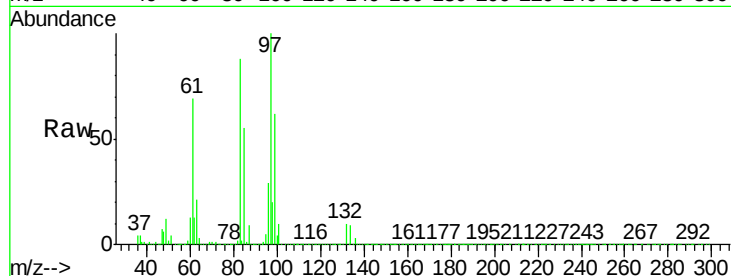




#55
 1,1,2-Trichloroethane
 Concen: 50.818 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015456.D
 Acq: 31 Mar 2020 16:05

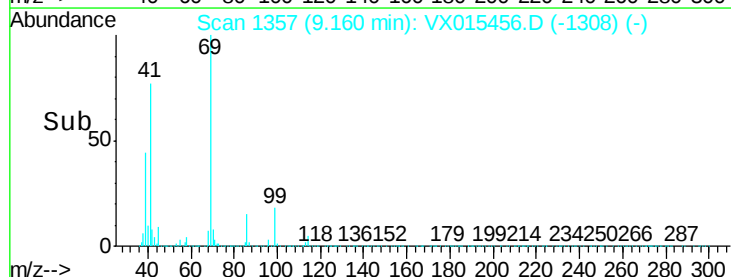
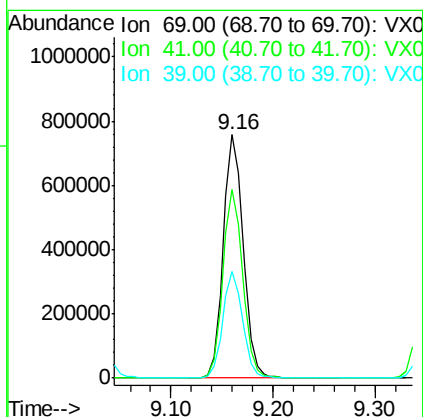
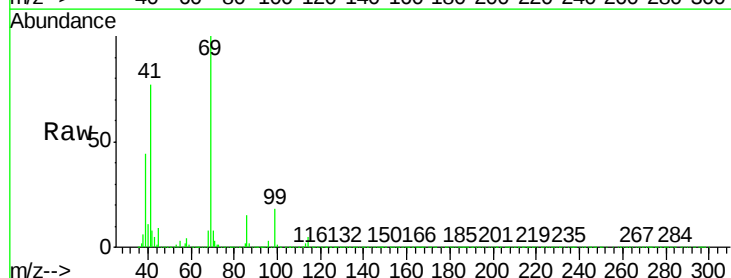
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

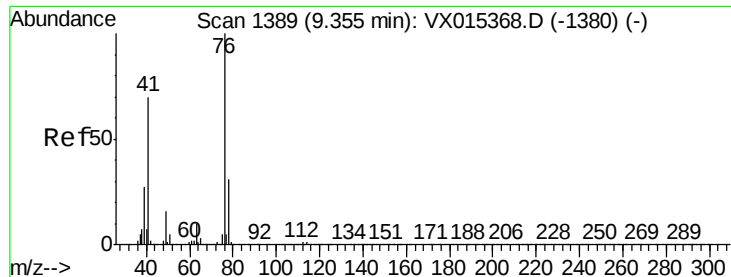
Tot Ion:	97	Resp:	585758
Ion	Ratio	Lower	Upper
97	100		
83	87.7	70.2	105.4
85	55.2	44.7	67.1
99	61.7	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 50.798 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015456.D
 Acq: 31 Mar 2020 16:05

Tgt Ion:	69	Resp:	1031910
Ion	Ratio	Lower	Upper
69	100		
41	77.1	61.6	92.4
39	43.4	34.0	51.0





#57

1,3-Dichloropropane

Concen: 49.862 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015456.D

Acq: 31 Mar 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

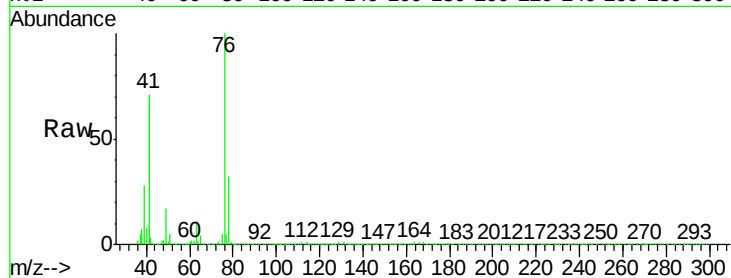
VSTDCCC050EC

Tot Ion: 76 Resp: 1035493

Ion Ratio Lower Upper

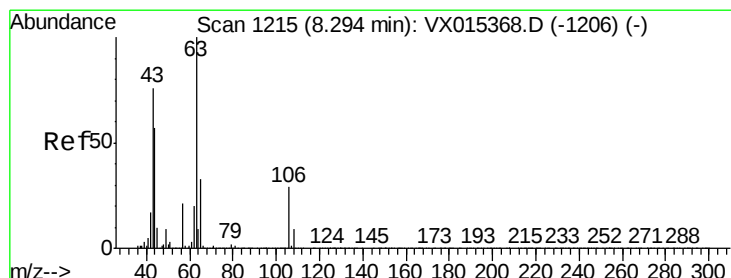
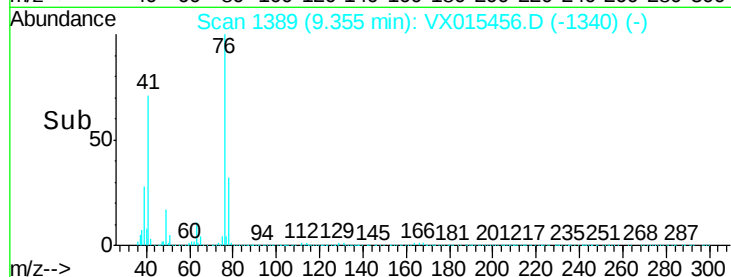
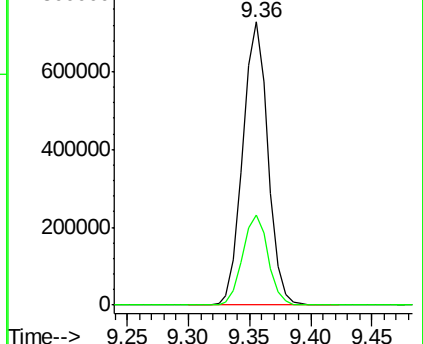
76 100

78 32.5 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 252.568 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015456.D

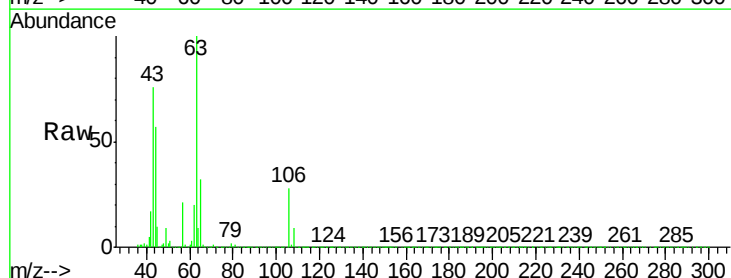
Acq: 31 Mar 2020 16:05

Tgt Ion: 63 Resp: 2495603

Ion Ratio Lower Upper

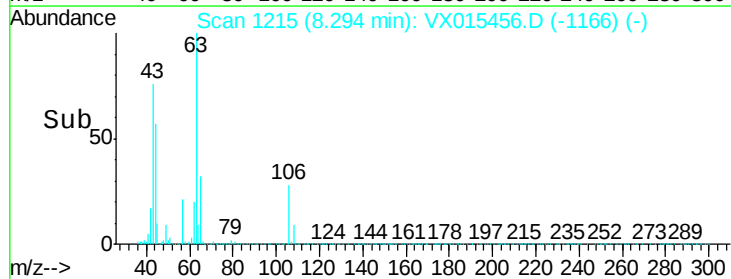
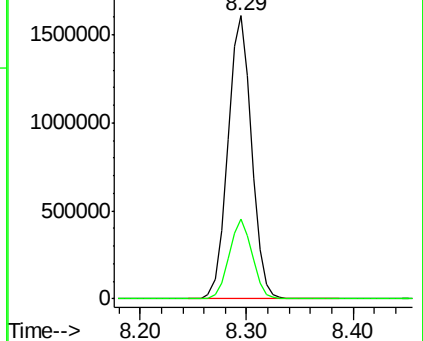
63 100

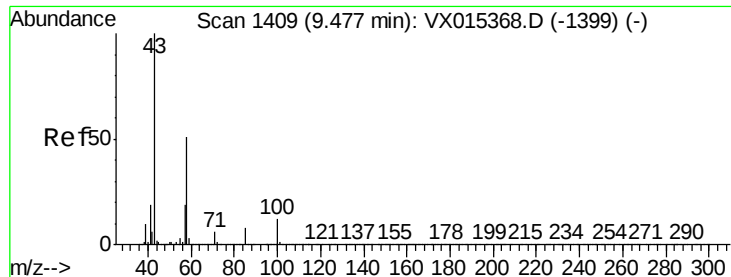
106 27.8 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

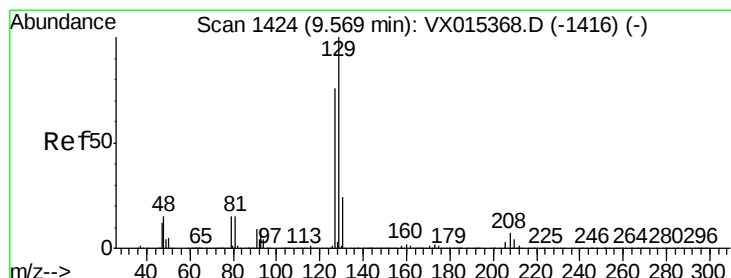
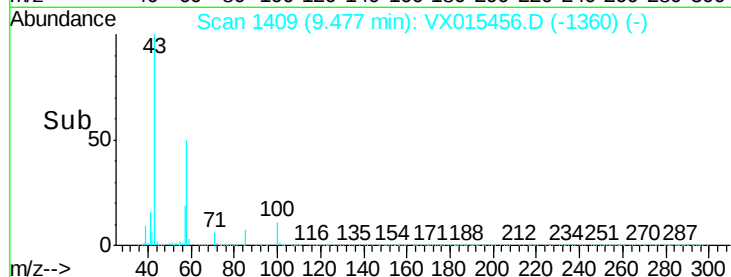
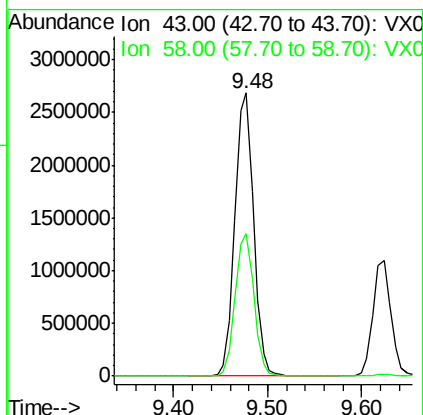
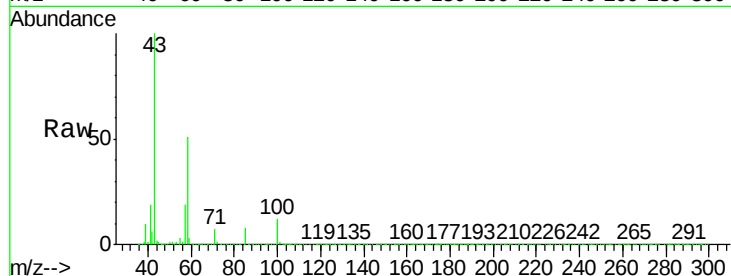




#59
2-Hexanone
Concen: 252.623 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015456.D
Acq: 31 Mar 2020 16:05

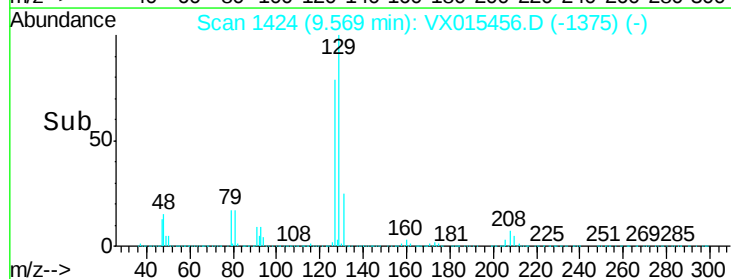
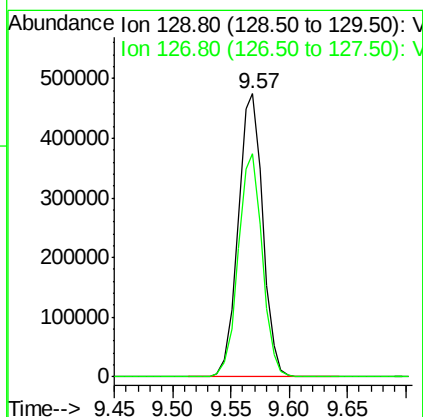
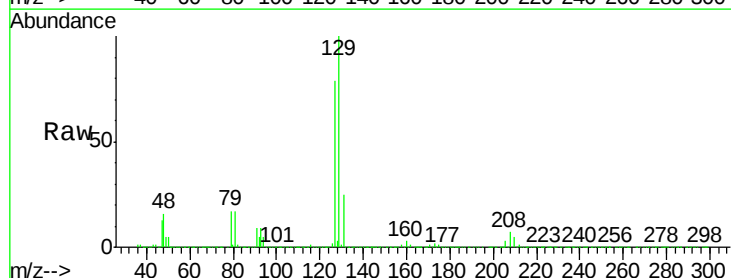
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

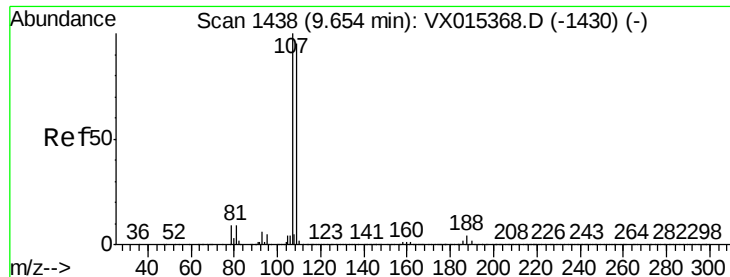
Tot Ion: 43 Resp: 3701094
Ion Ratio Lower Upper
43 100
58 50.6 25.6 76.6



#60
Dibromochloromethane
Concen: 50.282 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015456.D
Acq: 31 Mar 2020 16:05

Tgt Ion: 129 Resp: 696445
Ion Ratio Lower Upper
129 100
127 77.1 38.2 114.6





#61

1,2-Dibromoethane

Concen: 50.535 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015456.D

Acq: 31 Mar 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

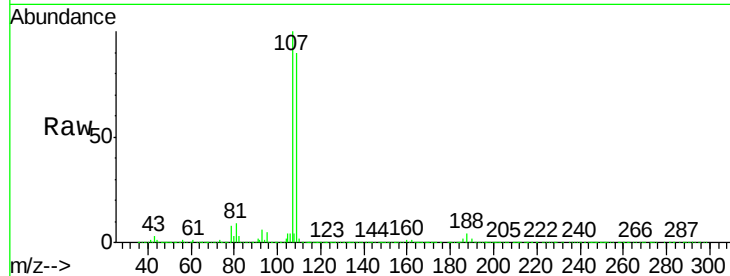
VSTDCCC050EC

Tot Ion:107 Resp: 633380

Ion Ratio Lower Upper

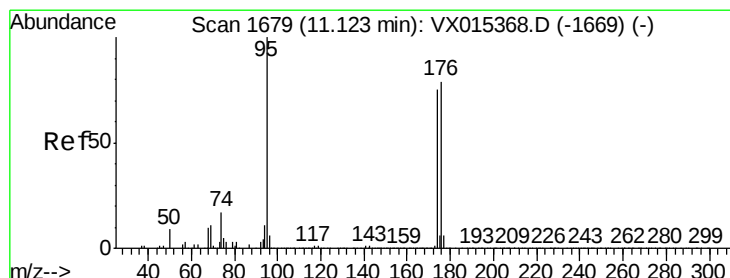
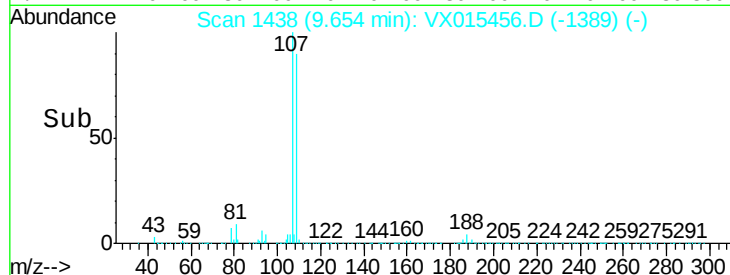
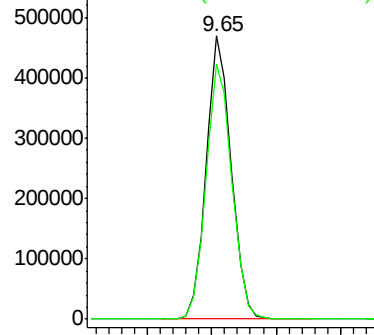
107 100

109 93.4 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: 50.293 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015456.D

Acq: 31 Mar 2020 16:05

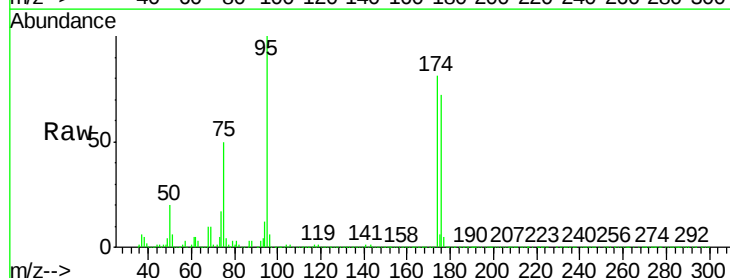
Tgt Ion: 95 Resp: 813294

Ion Ratio Lower Upper

95 100

174 80.7 0.0 158.6

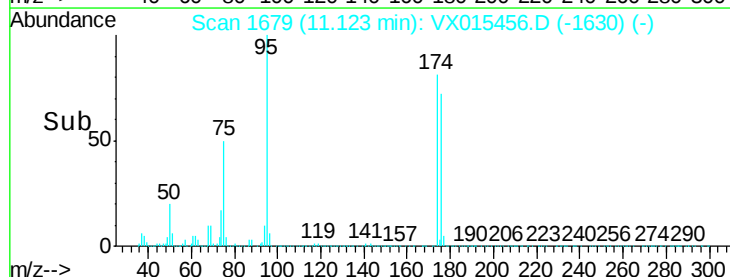
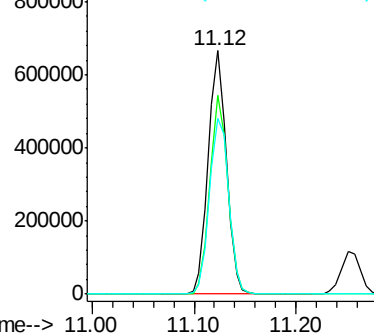
176 76.4 0.0 159.0



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

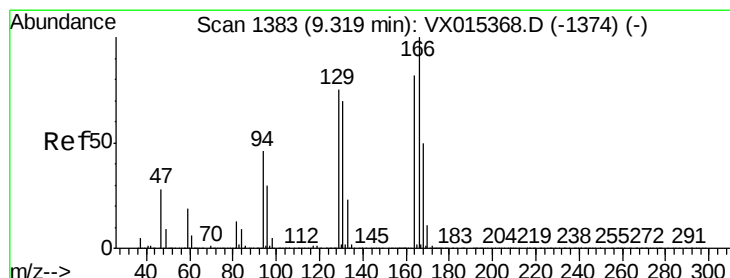
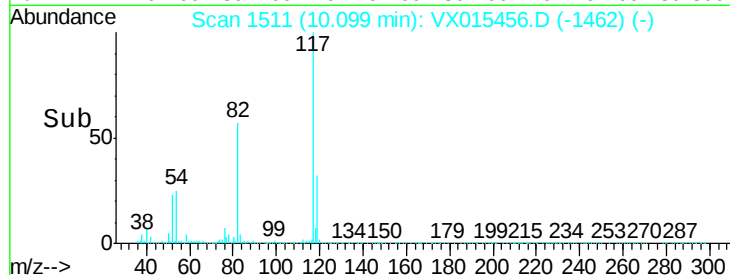
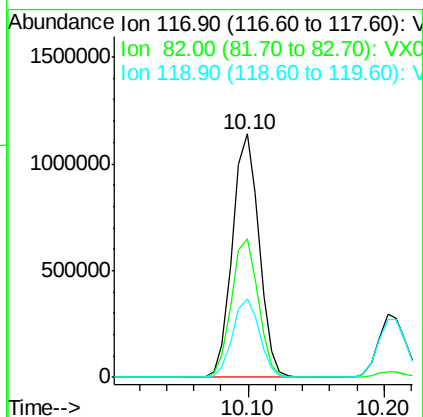
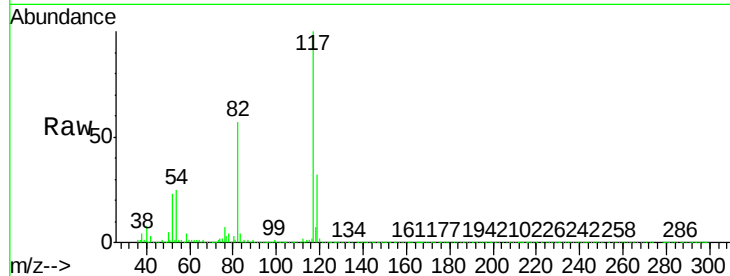




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015456.D
Acq: 31 Mar 2020 16:05

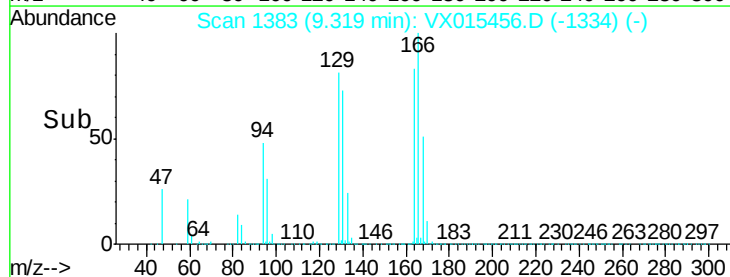
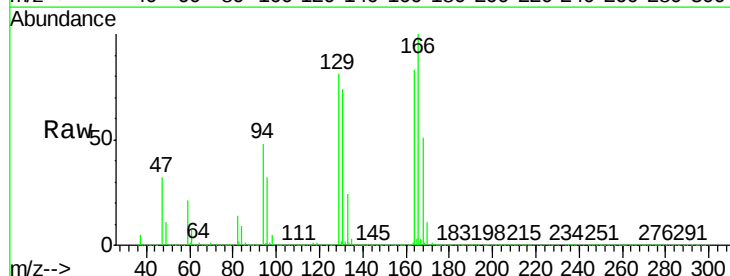
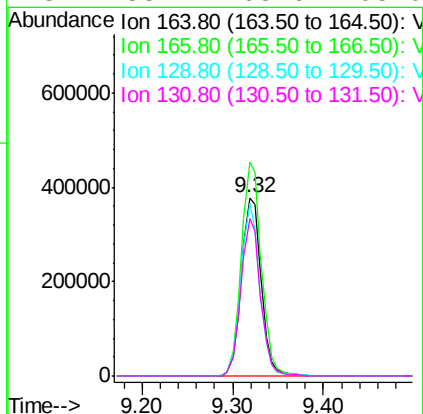
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

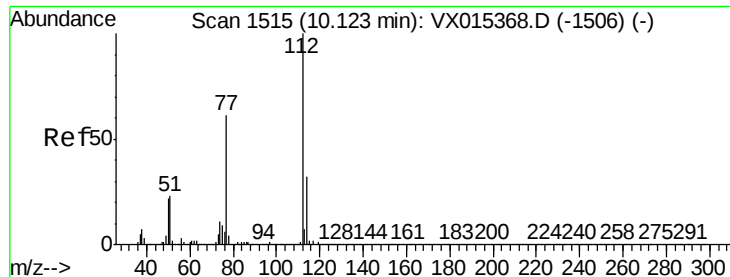
Tot Ion:117 Resp: 1554344
Ion Ratio Lower Upper
117 100
82 56.7 47.8 71.8
119 32.1 26.8 40.2



#64
Tetrachloroethene
Concen: 49.009 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015456.D
Acq: 31 Mar 2020 16:05

Tgt Ion:164 Resp: 574889
Ion Ratio Lower Upper
164 100
166 119.9 97.8 146.6
129 96.8 73.0 109.4
131 88.2 68.6 103.0





#65

Chlorobenzene

Concen: 50.212 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015456.D

Acq: 31 Mar 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

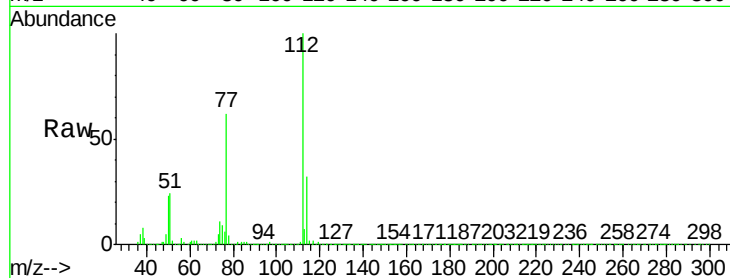
VSTDCCC050EC

Tot Ion:112 Resp: 1556495

Ion Ratio Lower Upper

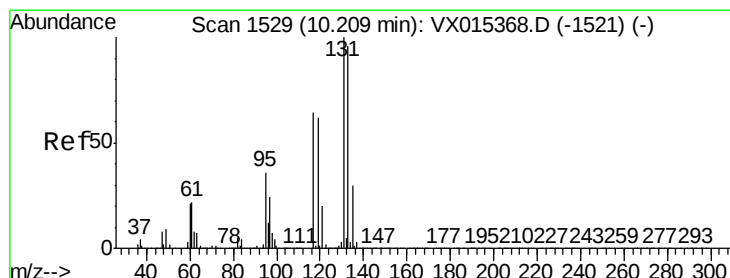
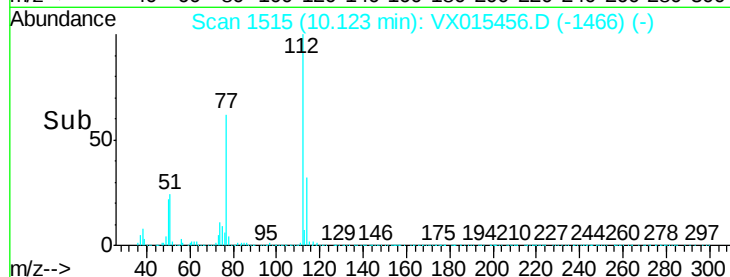
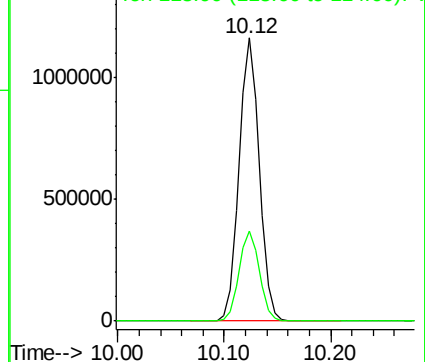
112 100

114 31.9 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.727 ug/l

RT: 10.20 min Scan# 1528

Delta R.T. -0.01 min

Lab File: VX015456.D

Acq: 31 Mar 2020 16:05

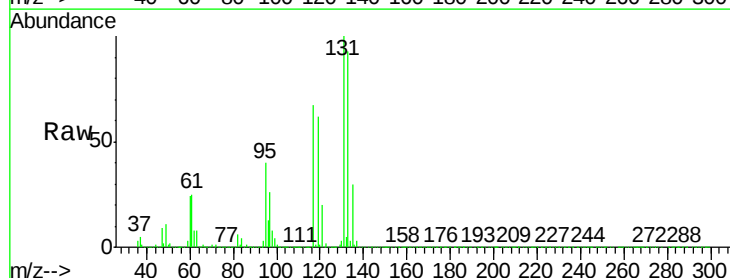
Tgt Ion:131 Resp: 628208

Ion Ratio Lower Upper

131 100

133 94.1 47.6 142.9

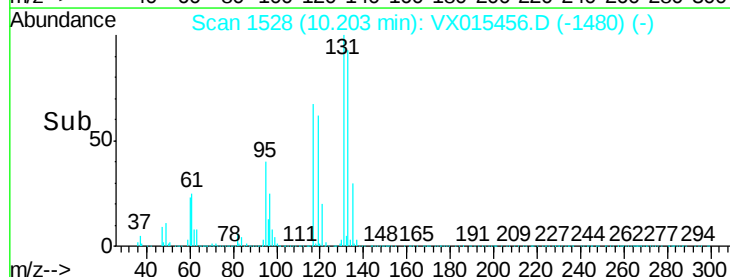
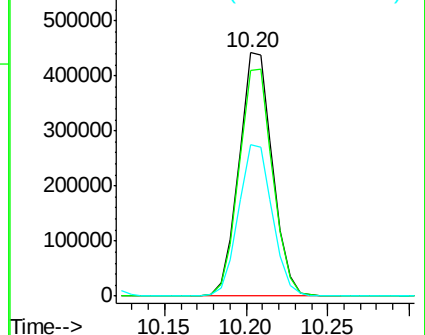
119 62.8 31.1 93.3

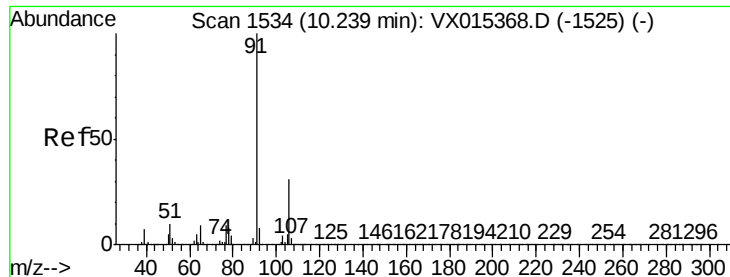


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 51.408 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015456.D

Acq: 31 Mar 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

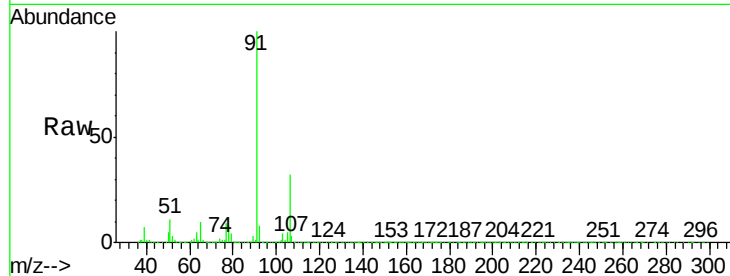
VSTDCCC050EC

Tot Ion: 91 Resp: 2826313

Ion Ratio Lower Upper

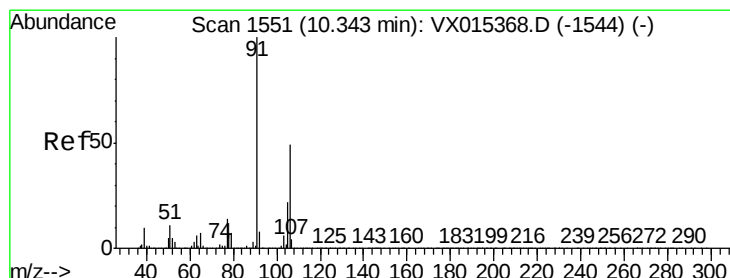
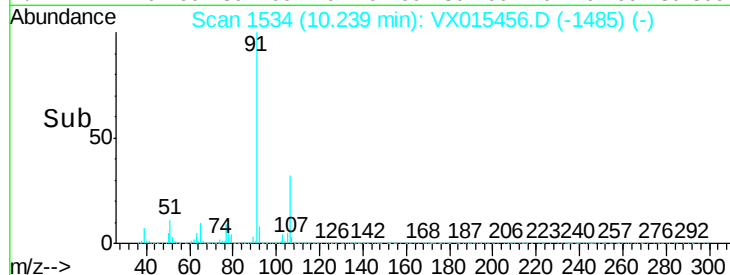
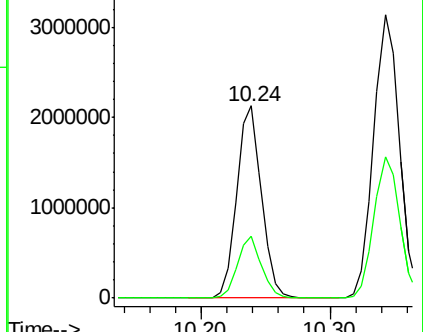
91 100

106 32.1 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 105.267 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015456.D

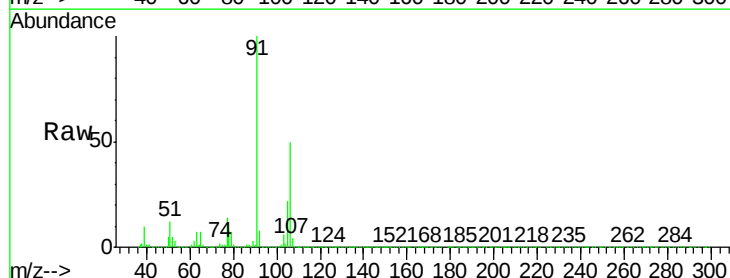
Acq: 31 Mar 2020 16:05

Tgt Ion: 106 Resp: 2155035

Ion Ratio Lower Upper

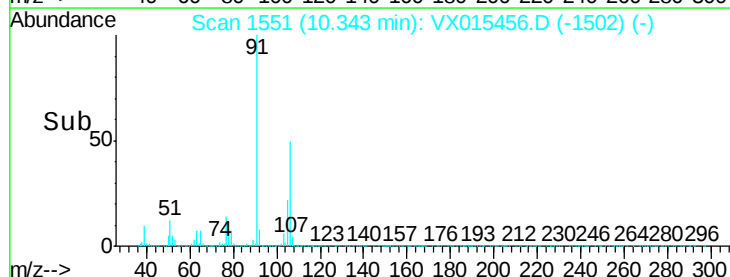
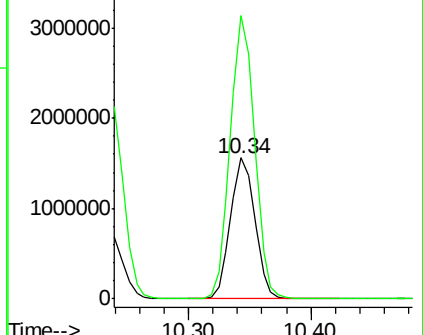
106 100

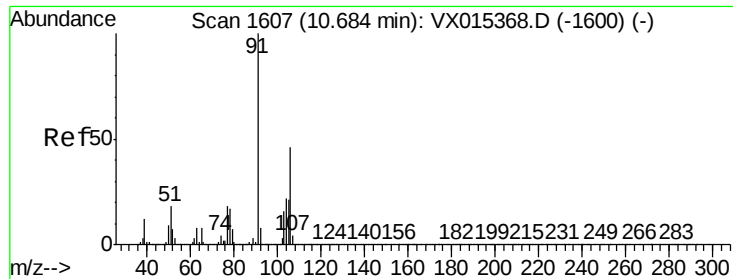
91 200.4 163.4 245.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

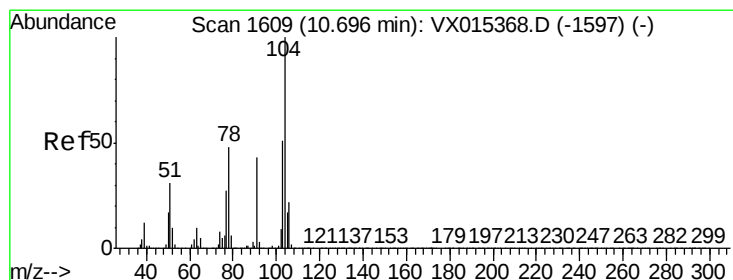
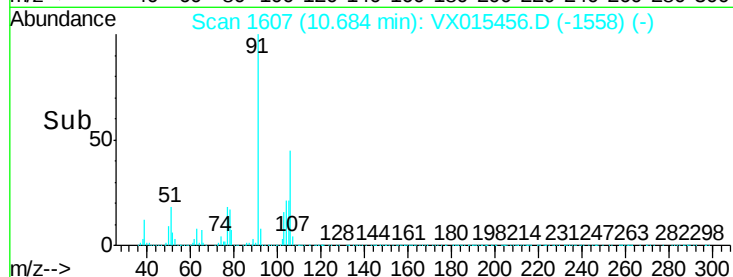
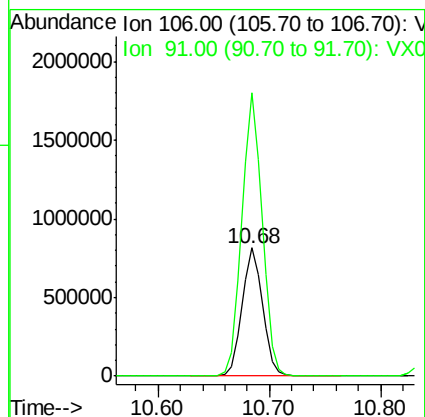
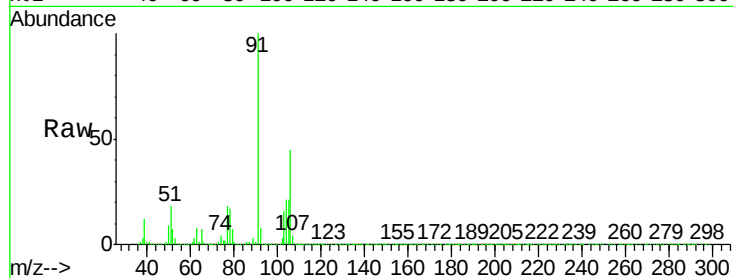




#69
o-Xylene
Concen: 51.360 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015456.D
Acq: 31 Mar 2020 16:05

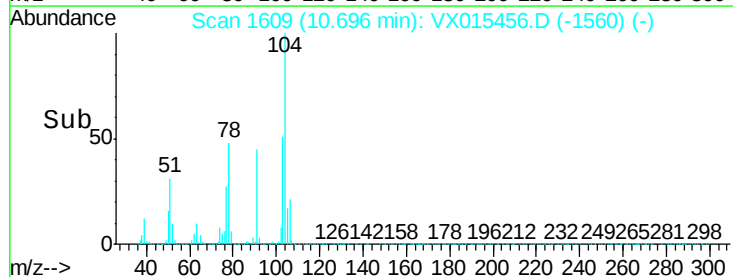
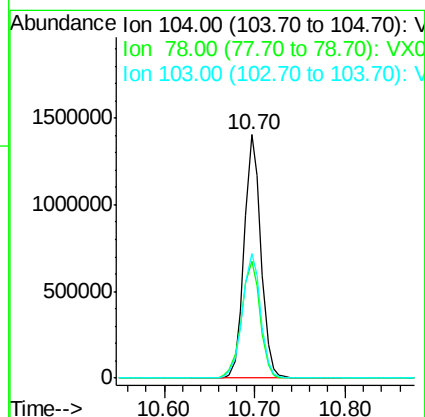
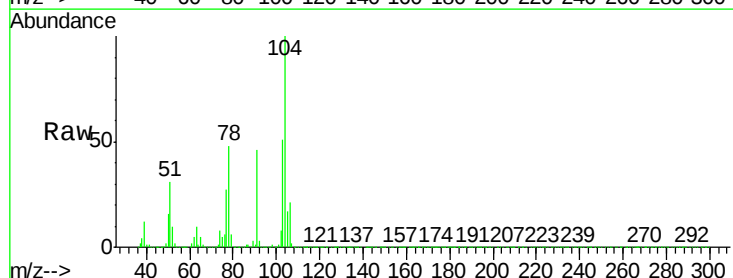
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

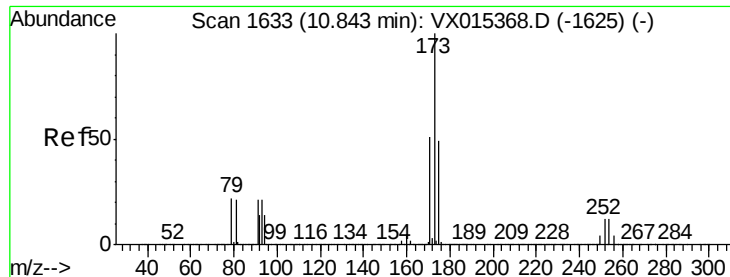
Tot Ion:106 Resp: 1039011
Ion Ratio Lower Upper
106 100
91 218.7 107.1 321.3



#70
Styrene
Concen: 50.324 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015456.D
Acq: 31 Mar 2020 16:05

Tgt Ion:104 Resp: 1791440
Ion Ratio Lower Upper
104 100
78 53.6 42.0 63.0
103 55.9 43.4 65.0





#71

Bromoform

Concen: 49.572 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VX015456.D

Acq: 31 Mar 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

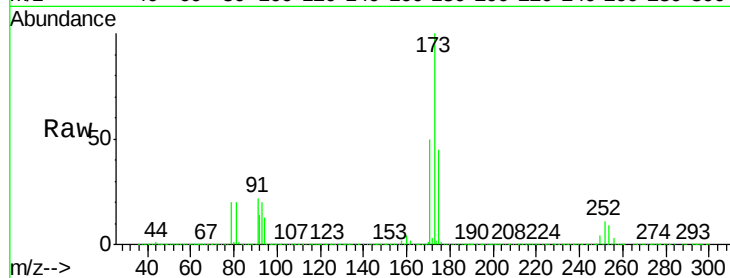
Tot Ion:173 Resp: 558861

Ion Ratio Lower Upper

173 100

175 46.7 23.9 71.7

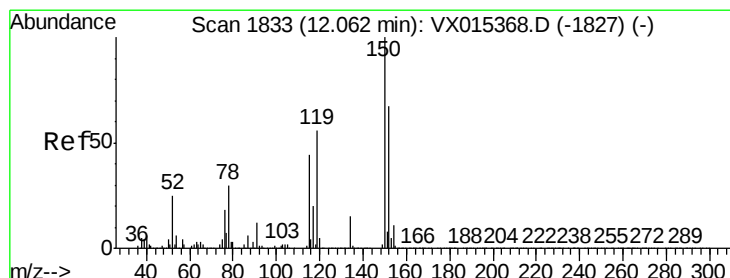
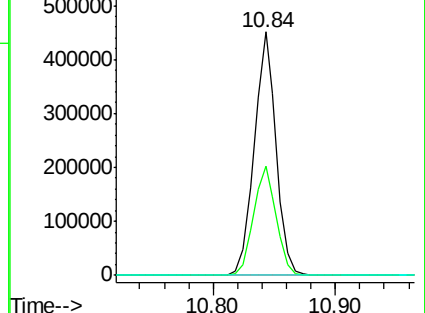
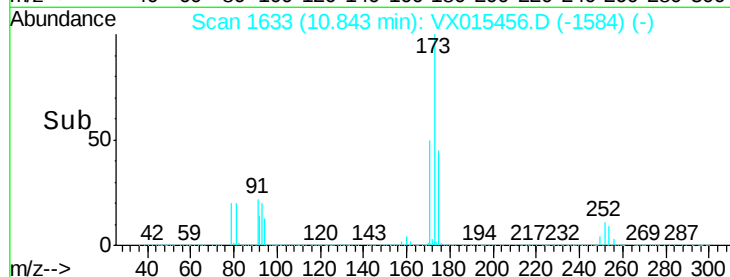
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015456.D

Acq: 31 Mar 2020 16:05

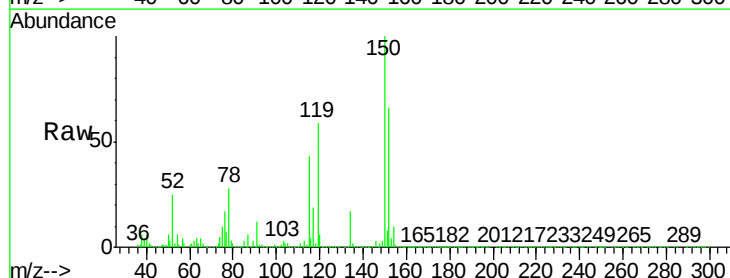
Tgt Ion:152 Resp: 829383

Ion Ratio Lower Upper

152 100

115 80.8 39.0 116.9

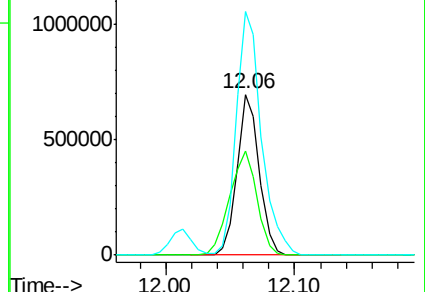
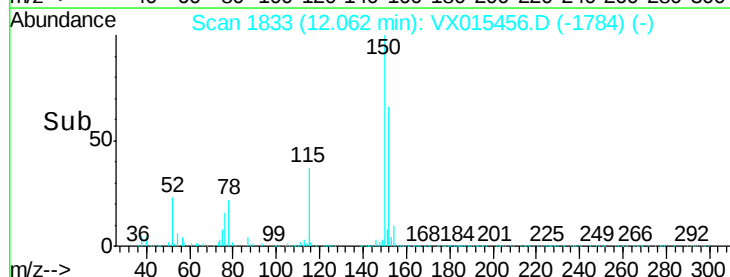
150 173.5 0.0 340.8

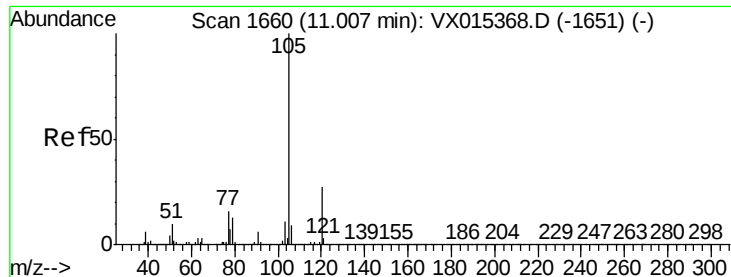


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.847 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015456.D

Acq: 31 Mar 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

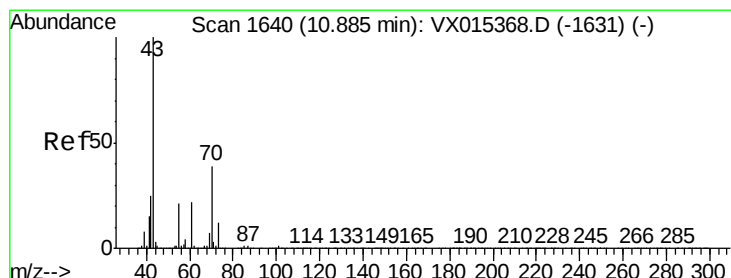
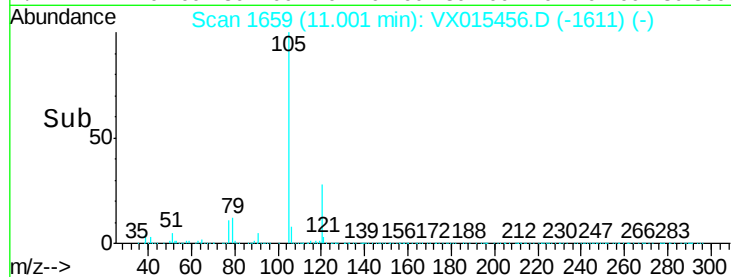
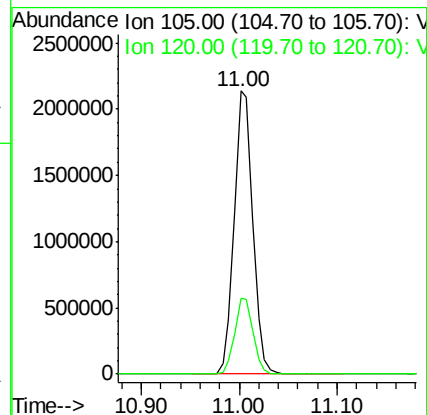
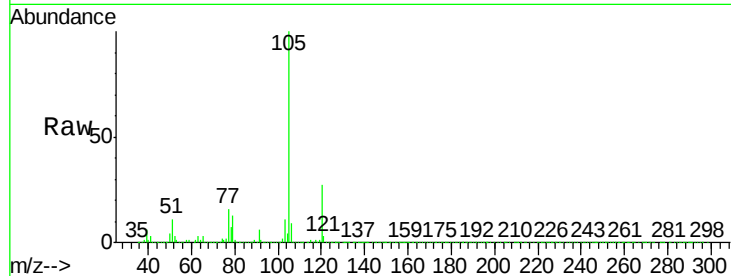
VSTDCCC050EC

Tot Ion:105 Resp: 2817529

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.5



#74

N-ethyl acetate

Concen: 51.093 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015456.D

Acq: 31 Mar 2020 16:05

Tgt Ion: 43 Resp: 1544275

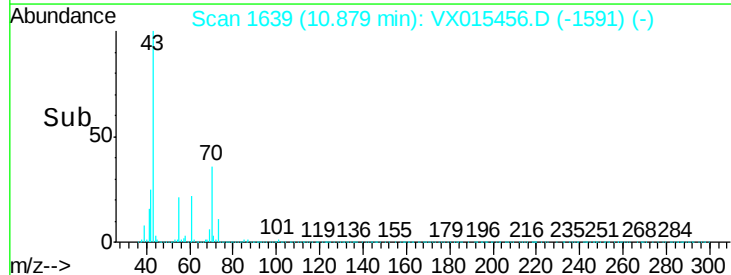
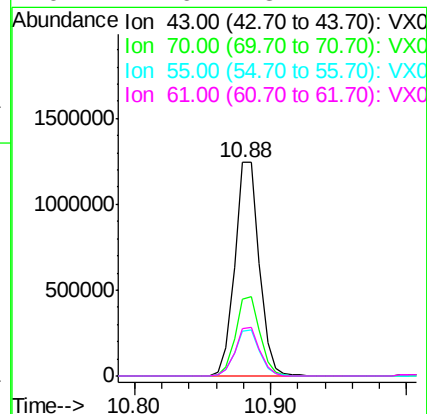
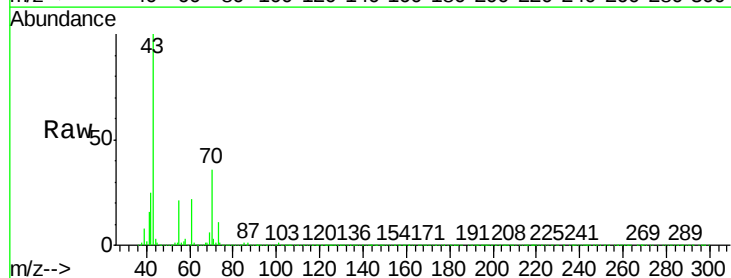
Ion Ratio Lower Upper

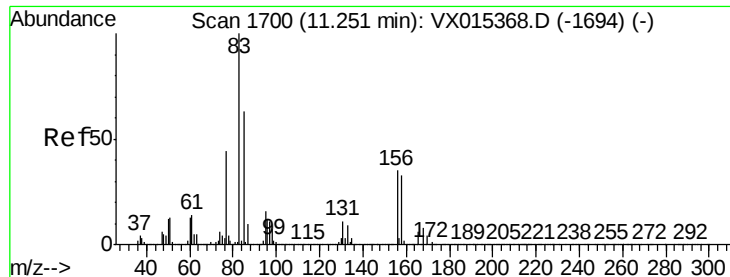
43 100

70 37.4 30.2 45.4

55 21.7 16.8 25.2

61 22.6 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.711 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015456.D

Acq: 31 Mar 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

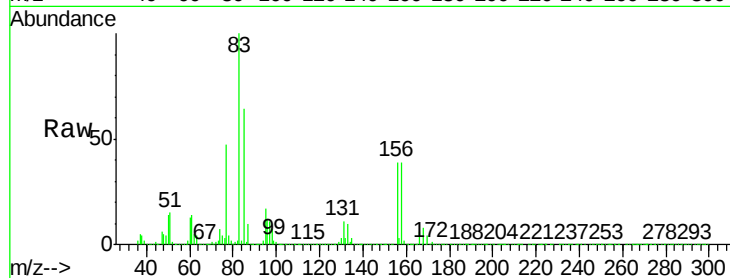
Tot Ion: 83 Resp: 908316

Ion Ratio Lower Upper

83 100

131 11.0 5.3 16.1

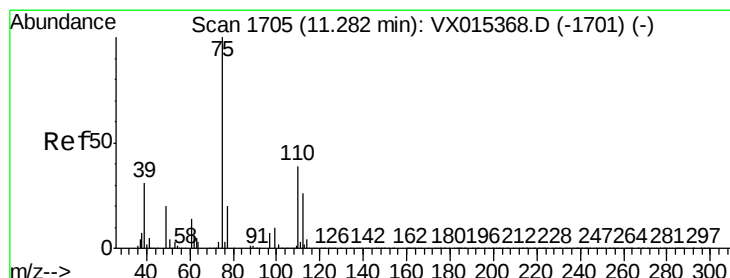
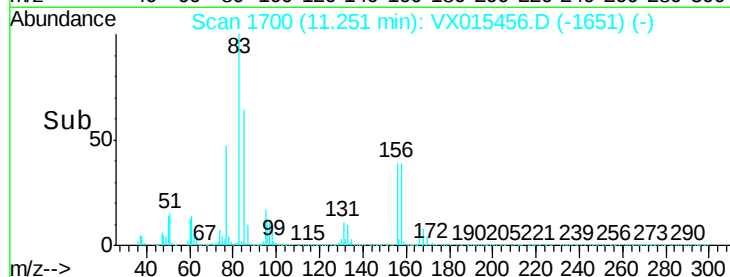
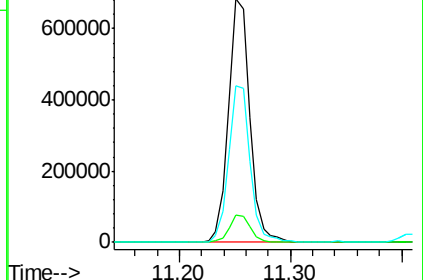
85 64.4 32.0 96.0



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: 50.331 ug/l m

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015456.D

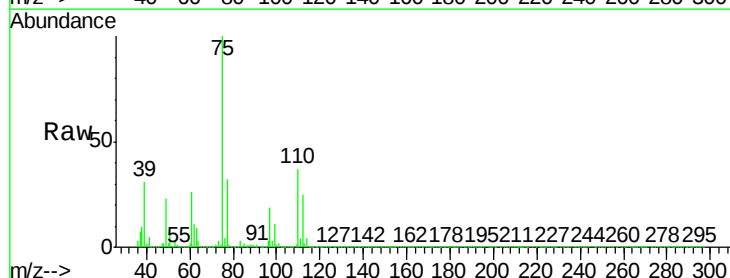
Acq: 31 Mar 2020 16:05

Tgt Ion: 75 Resp: 858427

Ion Ratio Lower Upper

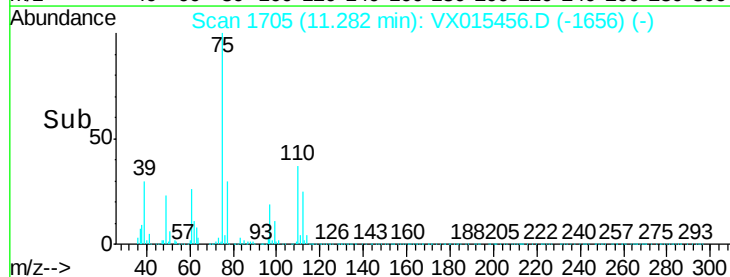
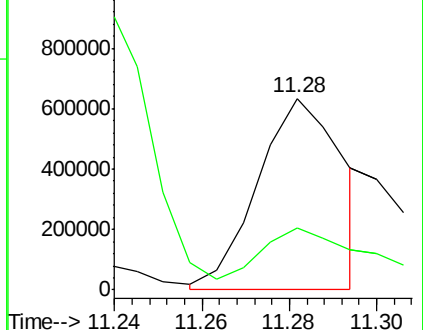
75 100

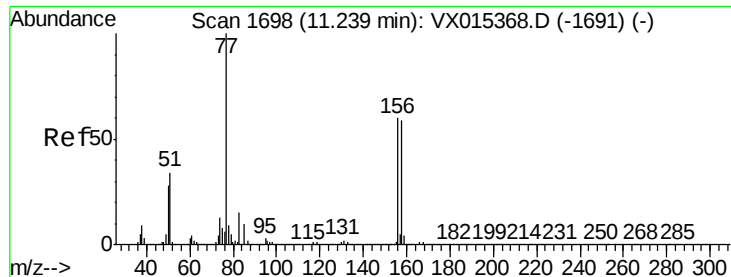
77 41.9 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.590 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015456.D

Acq: 31 Mar 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

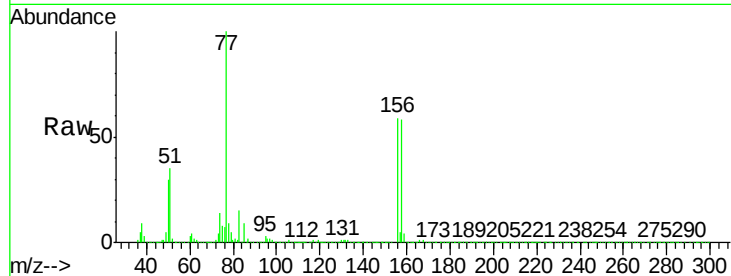
Tot Ion:156 Resp: 704326

Ion Ratio Lower Upper

156 100

77 167.7 82.2 246.5

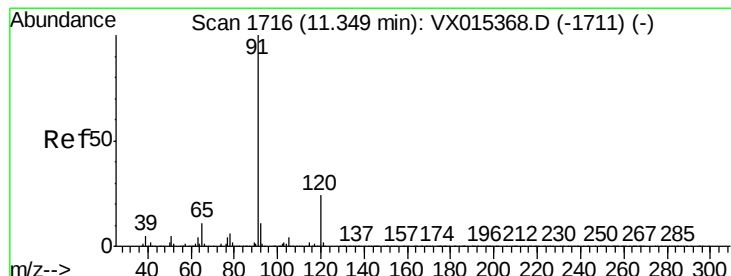
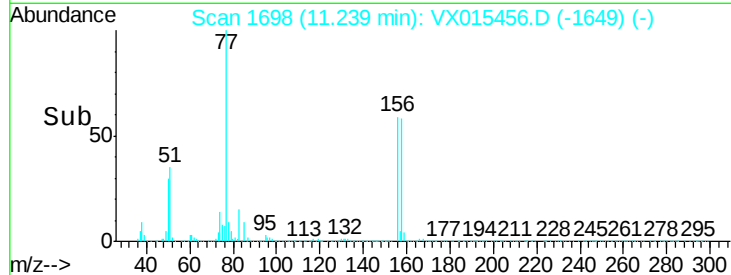
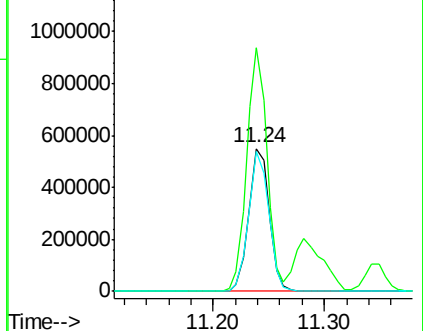
158 96.9 49.3 147.9



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: 51.646 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. 0.00 min

Lab File: VX015456.D

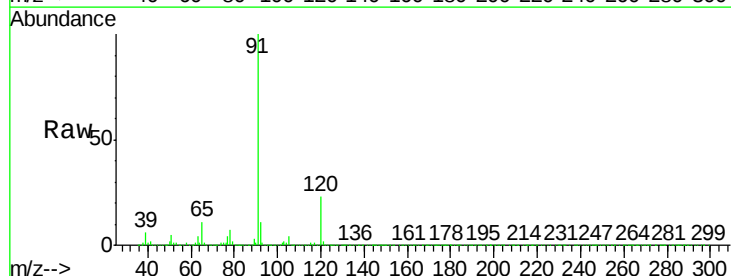
Acq: 31 Mar 2020 16:05

Tgt Ion: 91 Resp: 3209247

Ion Ratio Lower Upper

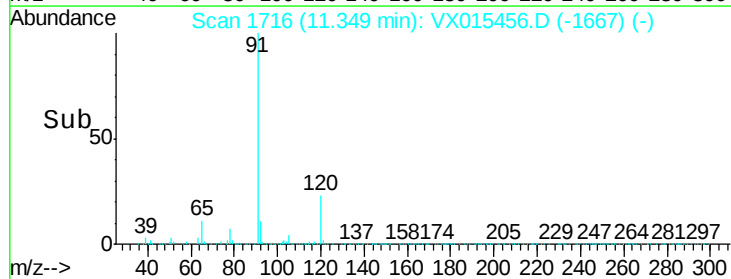
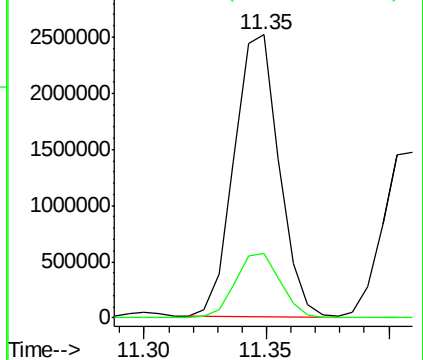
91 100

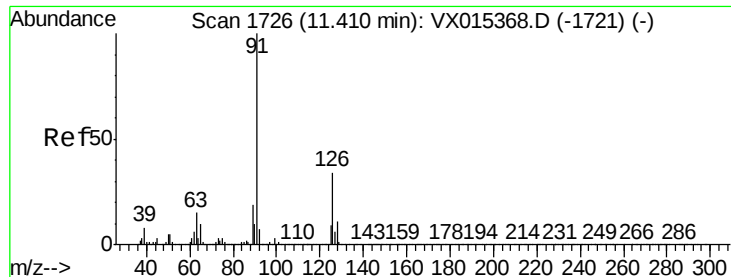
120 23.0 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.568 ug/l

RT: 11.41 min Scan# 1726

Delta R.T. 0.00 min

Lab File: VX015456.D

Acq: 31 Mar 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

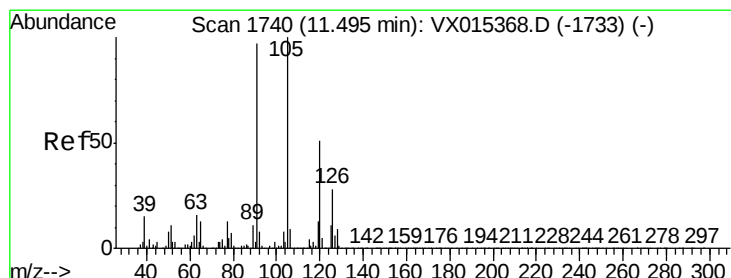
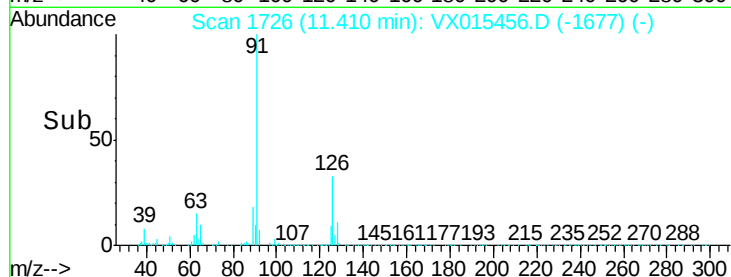
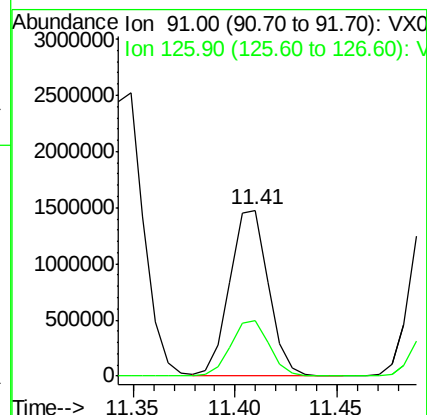
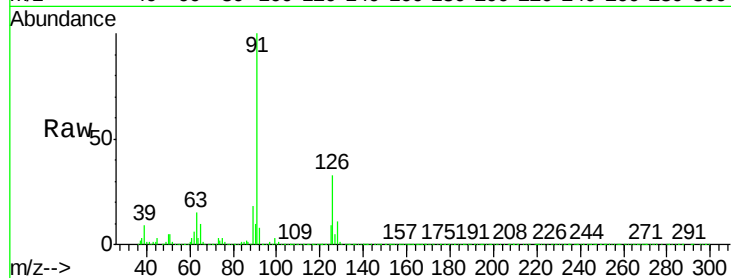
VSTDCCC050EC

Tot Ion: 91 Resp: 1925978

Ion Ratio Lower Upper

91 100

126 33.4 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 51.271 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015456.D

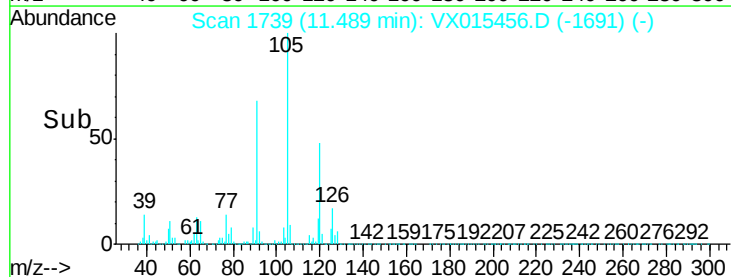
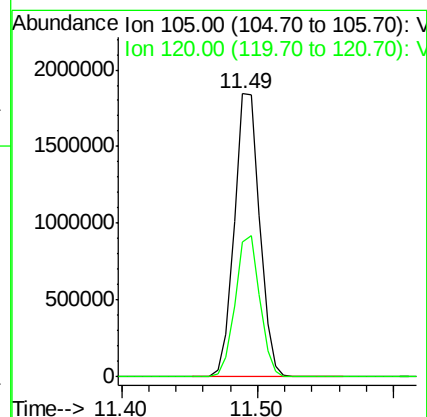
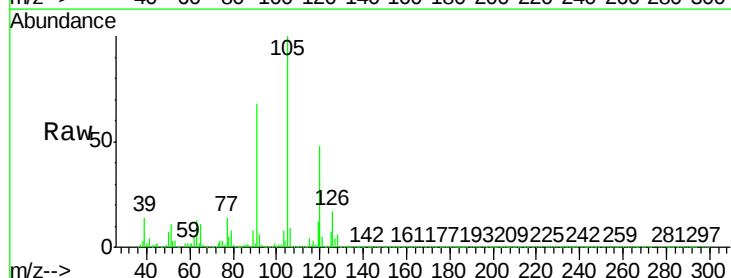
Acq: 31 Mar 2020 16:05

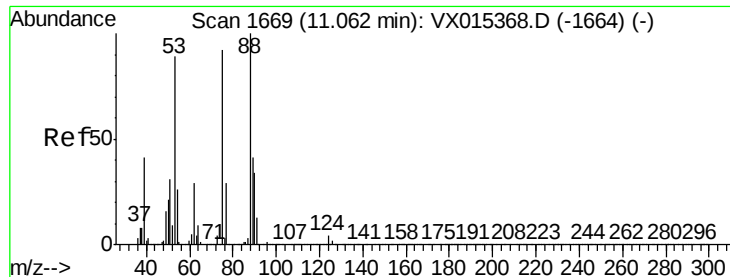
Tgt Ion: 105 Resp: 2379518

Ion Ratio Lower Upper

105 100

120 48.7 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 49.801 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015456.D

Acq: 31 Mar 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

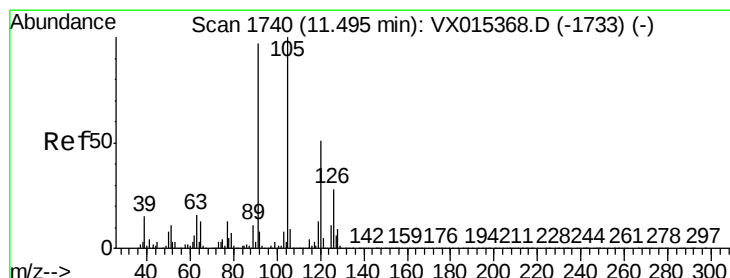
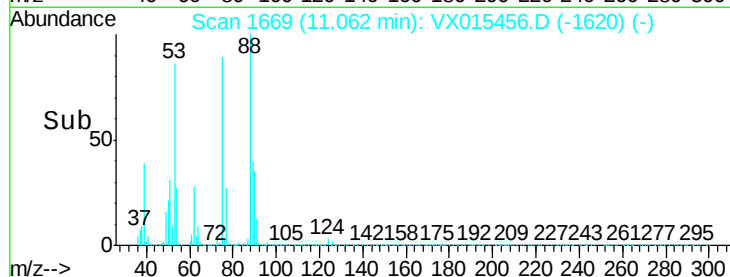
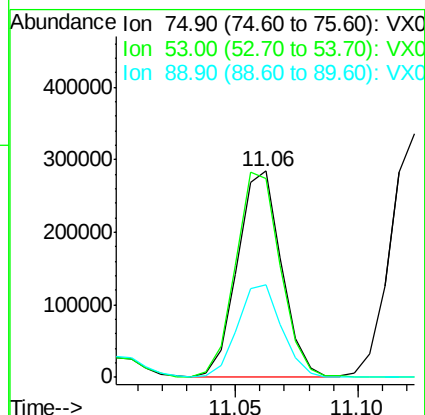
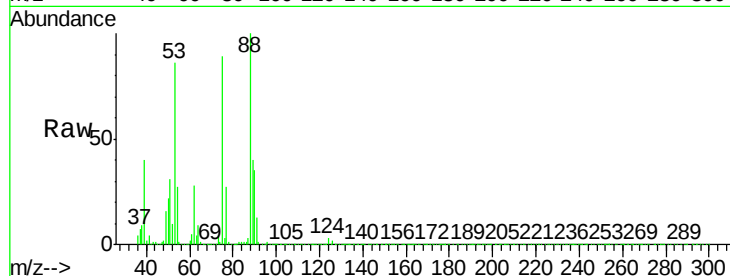
Tot Ion: 75 Resp: 353990

Ion Ratio Lower Upper

75 100

53 100.9 80.1 120.1

89 45.6 36.1 54.1



#82

4-Chlorotoluene

Concen: 51.404 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015456.D

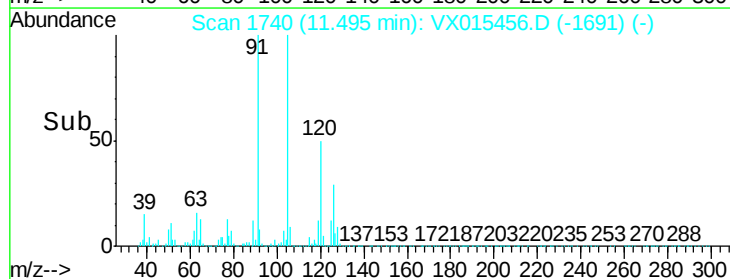
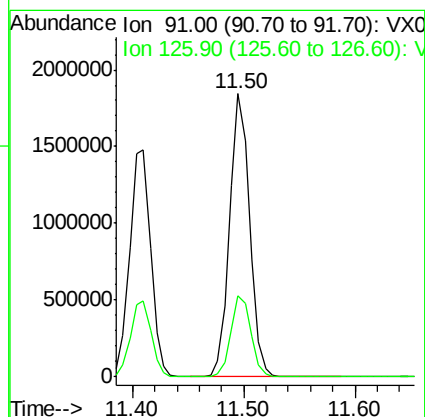
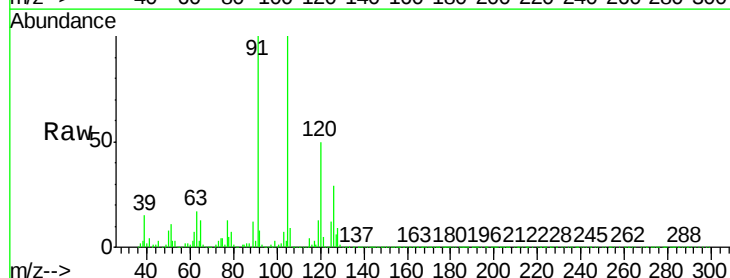
Acq: 31 Mar 2020 16:05

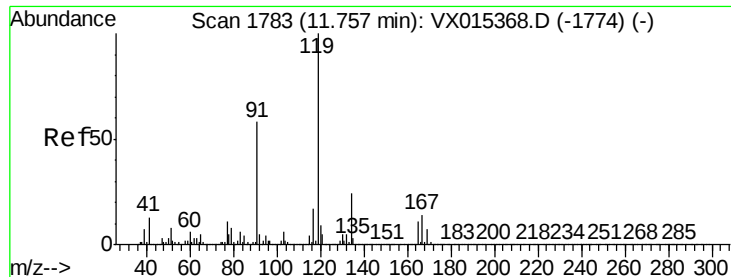
Tgt Ion: 91 Resp: 2295185

Ion Ratio Lower Upper

91 100

126 28.8 14.7 44.1

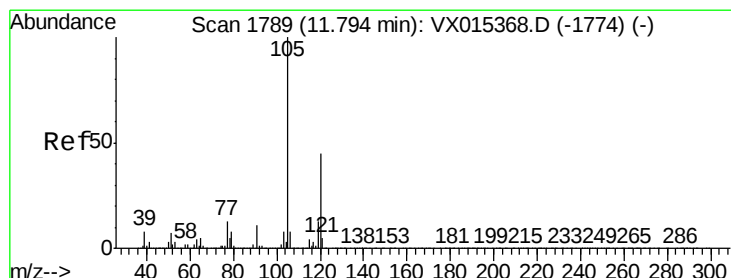
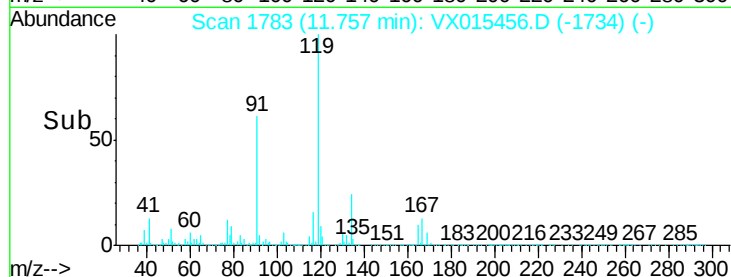
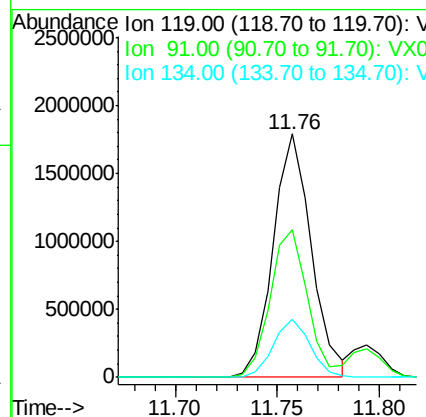
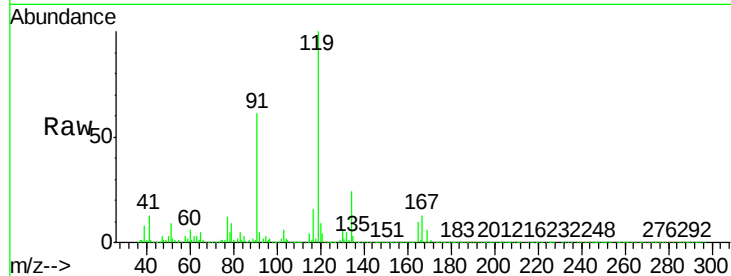




#83
tert-Butylbenzene
Concen: 51.408 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015456.D
Acq: 31 Mar 2020 16:05

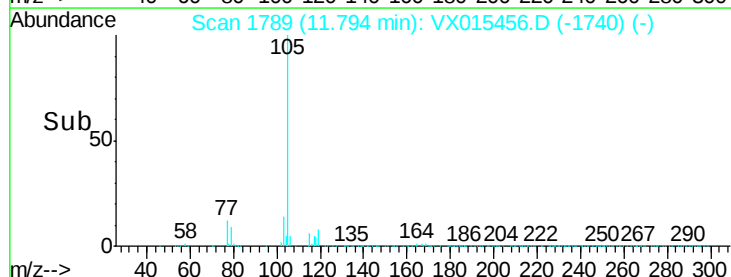
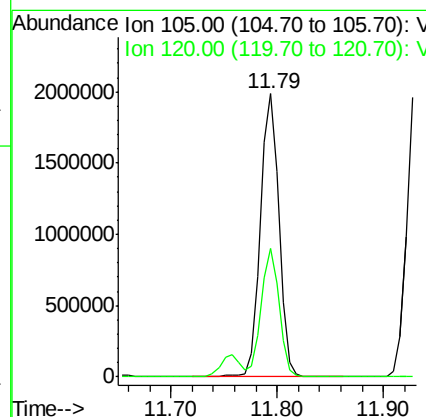
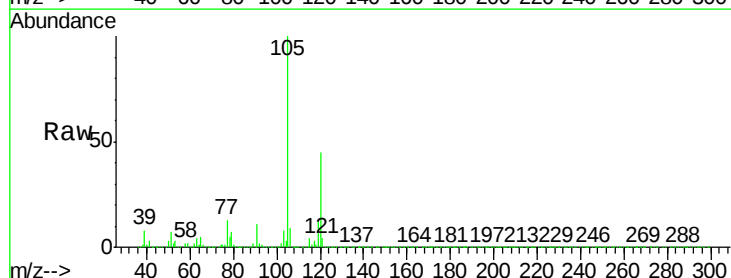
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

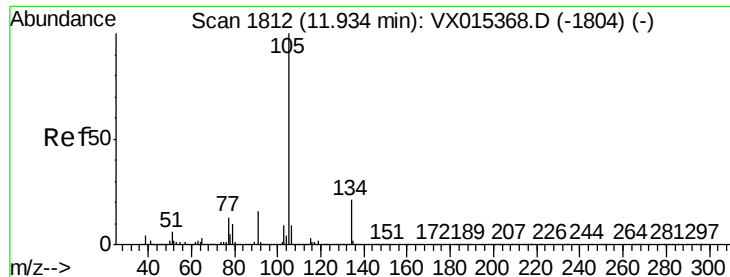
Tot Ion:119 Resp: 2330470
Ion Ratio Lower Upper
119 100
91 60.2 28.6 85.8
134 23.2 11.8 35.3



#84
1,2,4-Trimethylbenzene
Concen: 51.507 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015456.D
Acq: 31 Mar 2020 16:05

Tgt Ion:105 Resp: 2436007
Ion Ratio Lower Upper
105 100
120 44.0 22.7 68.1





#85

sec-Butylbenzene

Concen: 52.041 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015456.D

Acq: 31 Mar 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

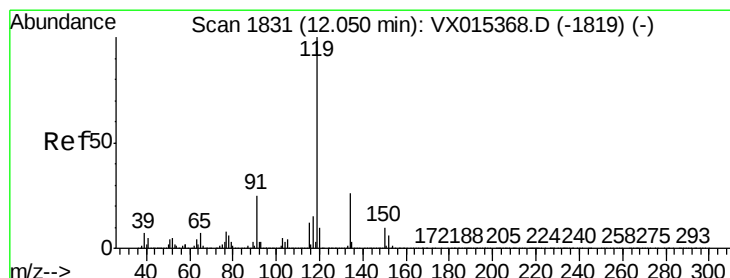
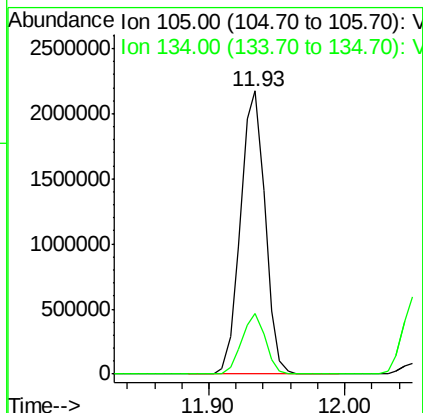
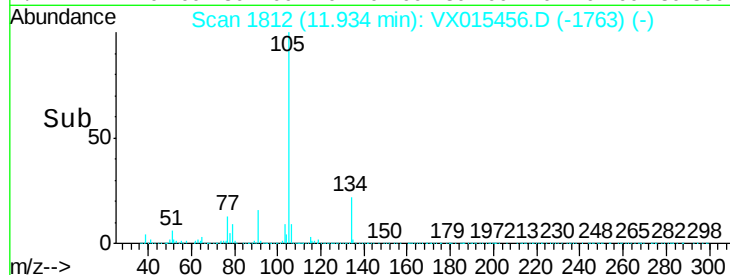
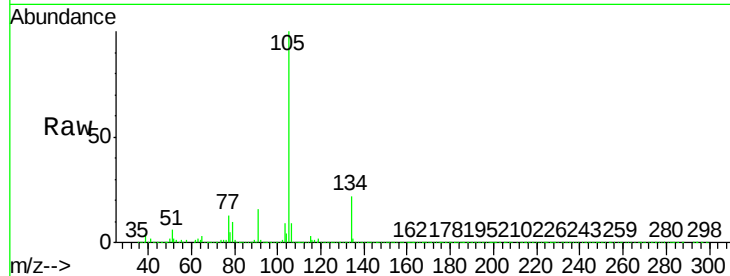
VSTDCCC050EC

Tot Ion:105 Resp: 2728473

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.1



#86

p-Isopropyltoluene

Concen: 52.318 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015456.D

Acq: 31 Mar 2020 16:05

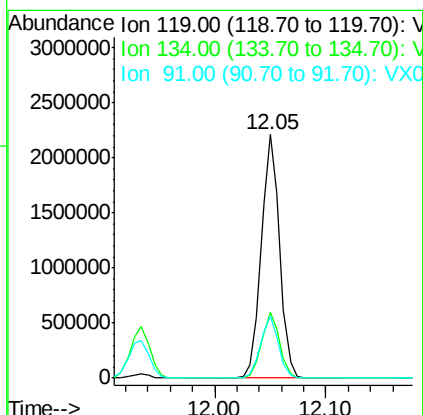
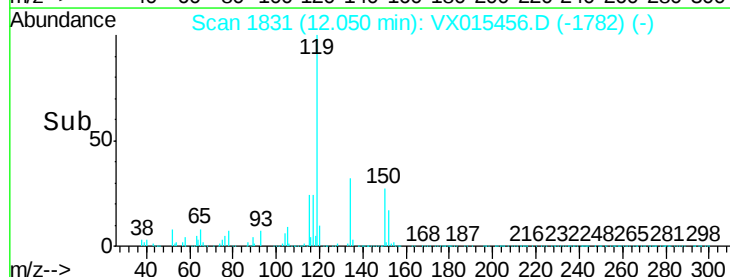
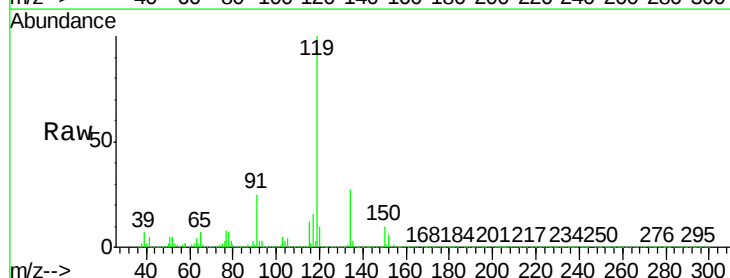
Tgt Ion:119 Resp: 2546479

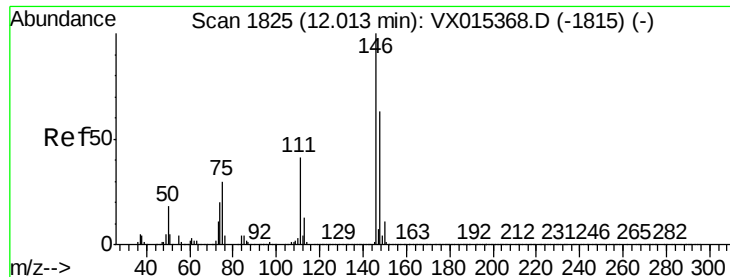
Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.3

91 24.9 12.4 37.4

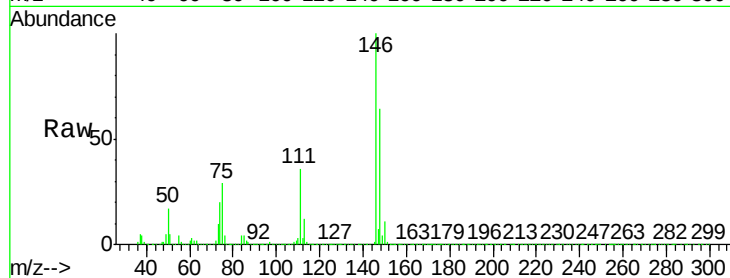




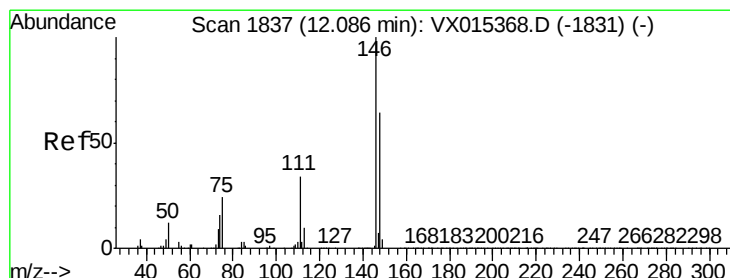
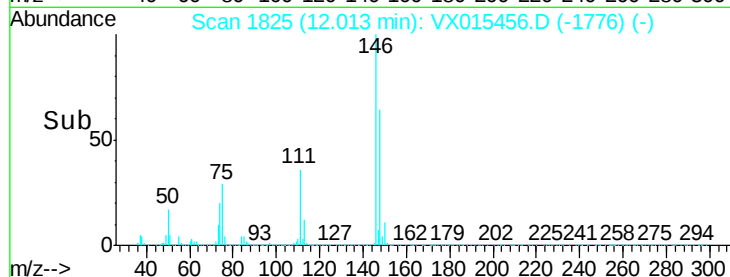
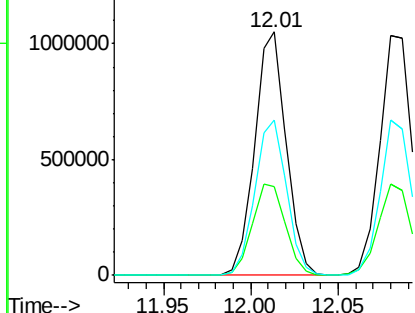
#87
 1,3-Dichlorobenzene
 Concen: 50.636 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015456.D
 Acq: 31 Mar 2020 16:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 1313962
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.3 60.9
 148 64.1 31.3 93.9

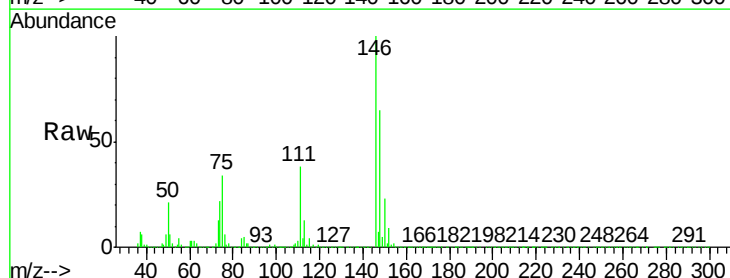


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

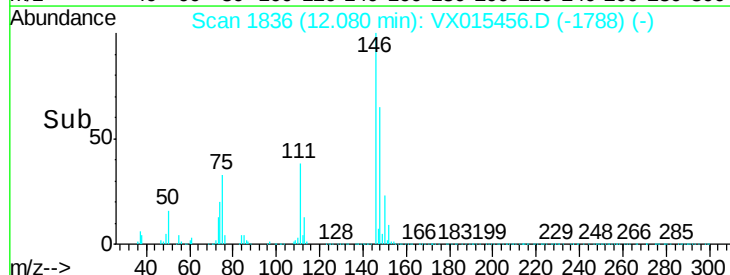
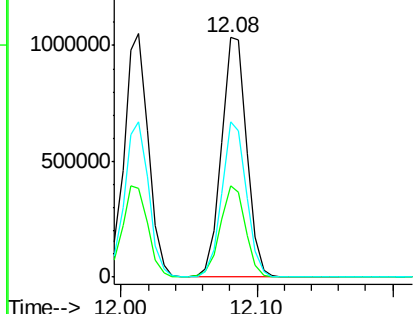


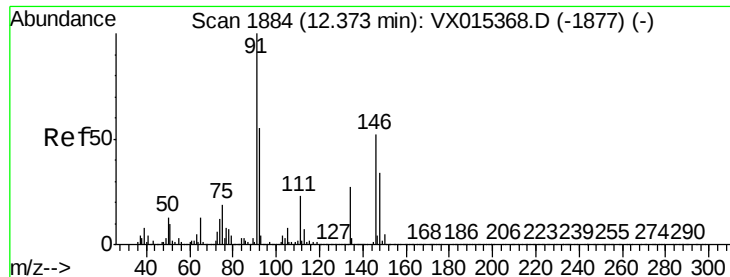
#88
 1,4-Dichlorobenzene
 Concen: 50.163 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015456.D
 Acq: 31 Mar 2020 16:05

Tgt Ion:146 Resp: 1325913
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.1 57.5
 148 63.2 32.4 97.2



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





#89

n-Butylbenzene

Concen: 52.853 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX015456.D

Acq: 31 Mar 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

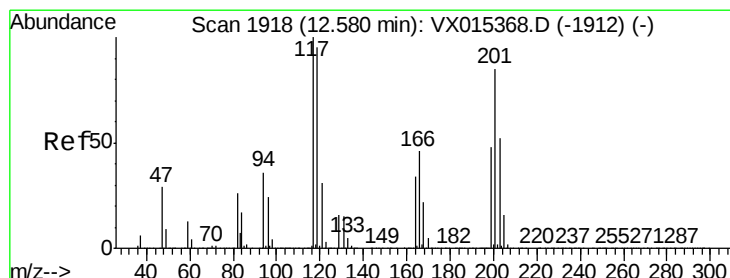
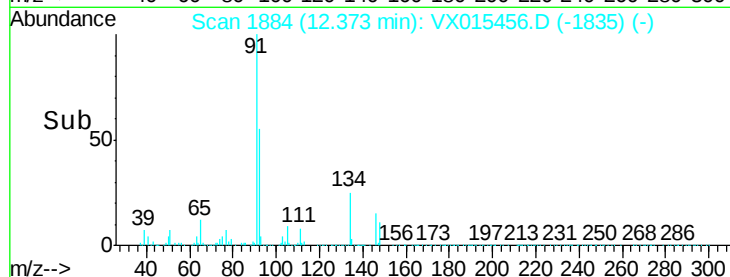
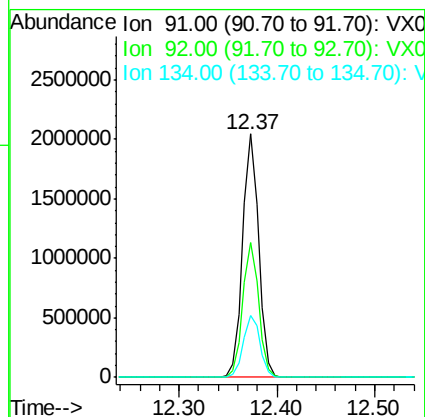
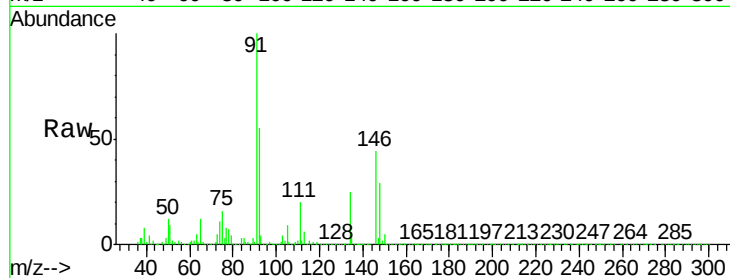
Tot Ion: 91 Resp: 2324712

Ion Ratio Lower Upper

91 100

92 55.1 27.2 81.5

134 26.1 13.4 40.2



#90

Hexachloroethane

Concen: 50.850 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VX015456.D

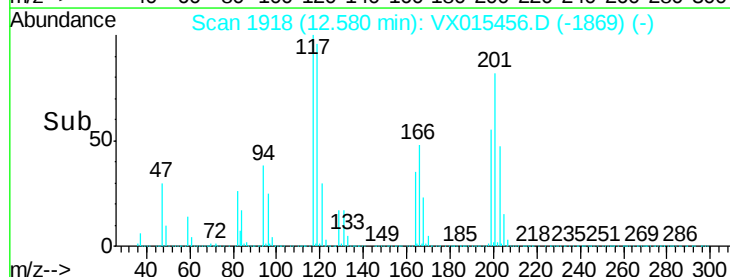
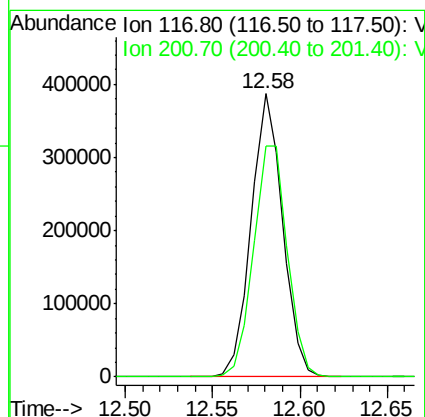
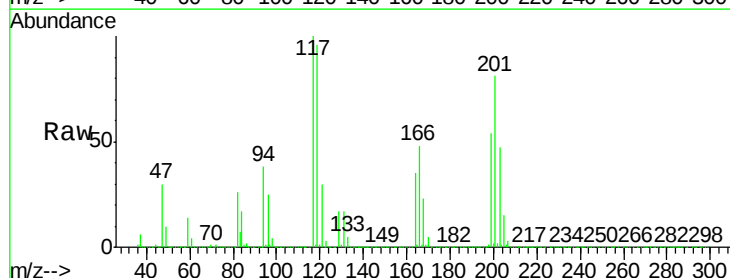
Acq: 31 Mar 2020 16:05

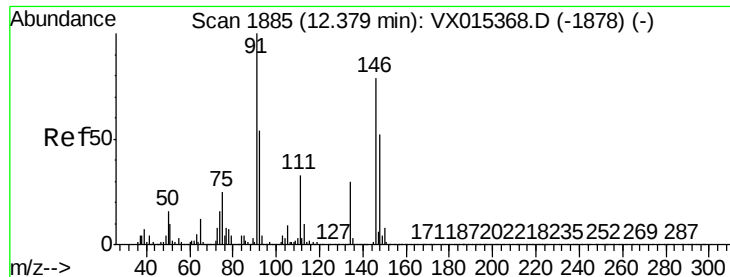
Tgt Ion: 117 Resp: 481729

Ion Ratio Lower Upper

117 100

201 88.1 42.6 128.0

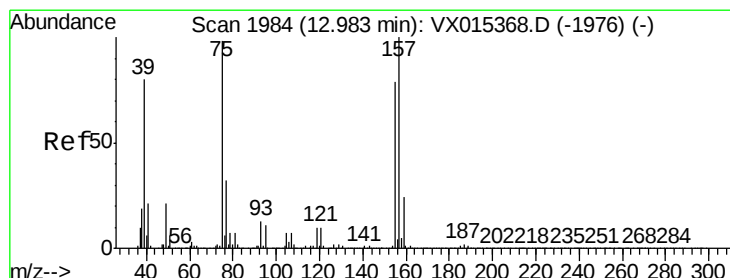
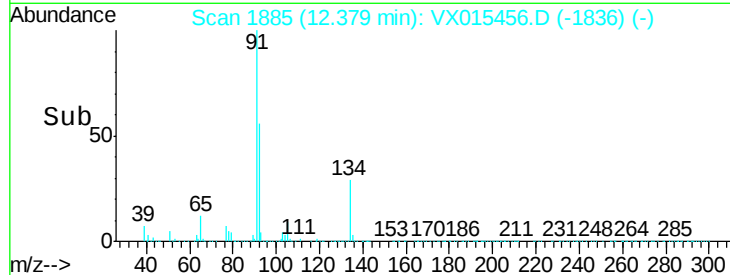
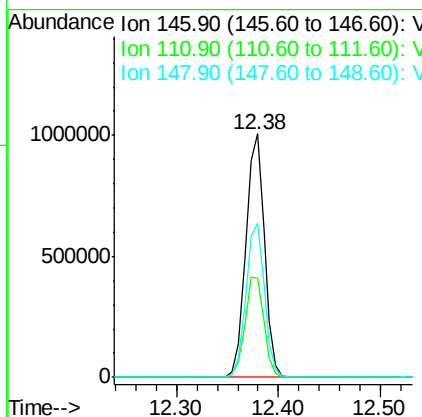
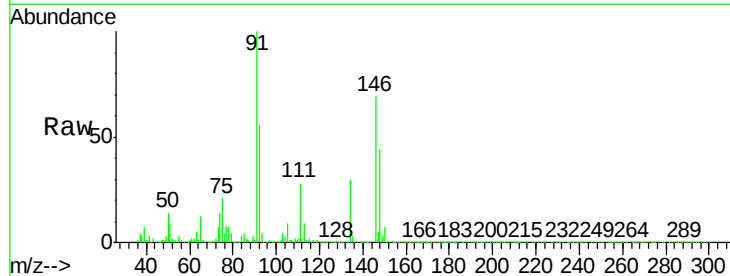




#91
 1,2-Dichlorobenzene
 Concen: 49.806 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015456.D
 Acq: 31 Mar 2020 16:05

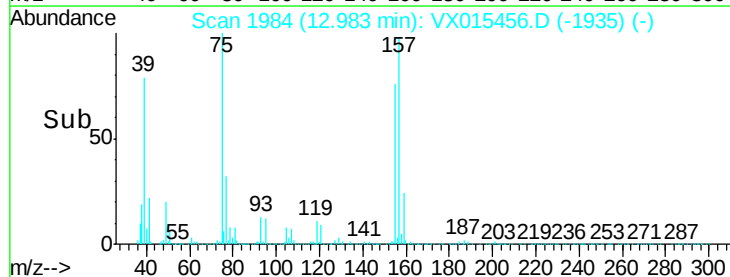
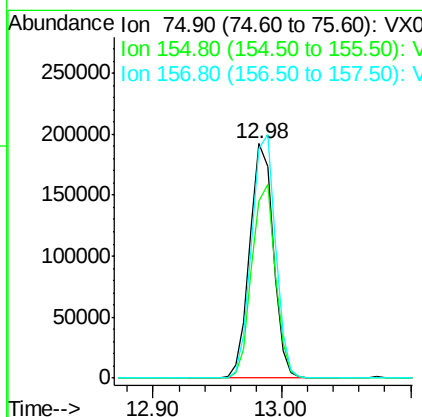
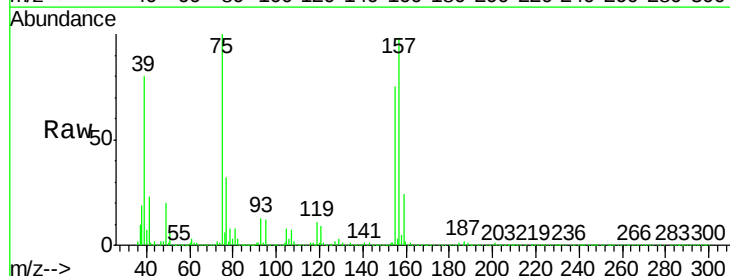
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

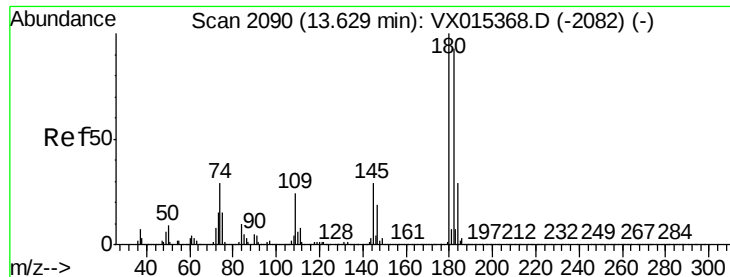
Tot Ion:146 Resp: 1264815
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.0 63.0
 148 63.2 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.404 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015456.D
 Acq: 31 Mar 2020 16:05

Tgt Ion: 75 Resp: 238960
 Ion Ratio Lower Upper
 75 100
 155 82.9 42.8 128.4
 157 105.8 53.4 160.3

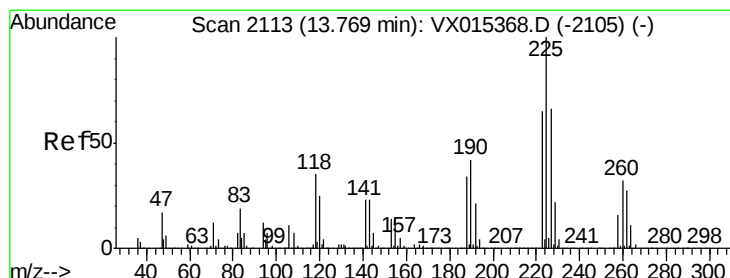
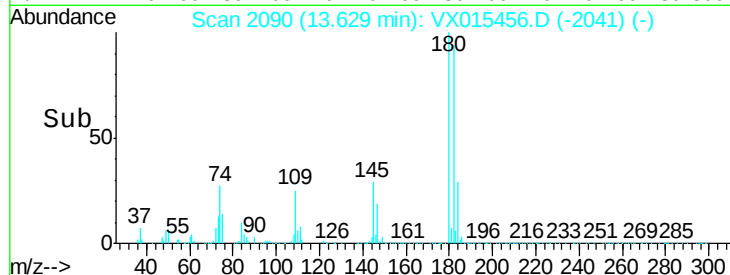
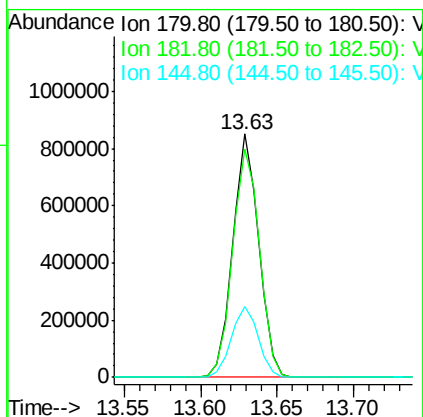
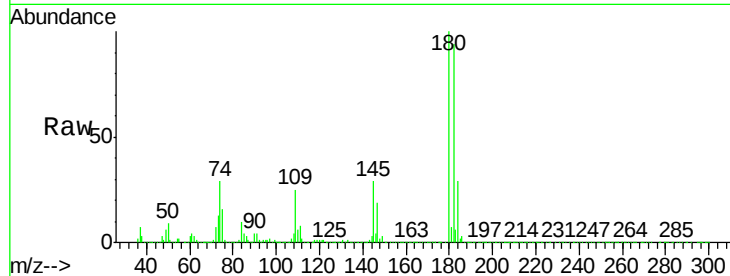




#93
 1,2,4-Trichlorobenzene
 Concen: 49.632 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015456.D
 Acq: 31 Mar 2020 16:05

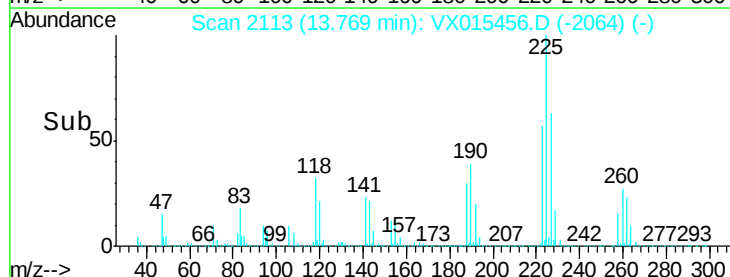
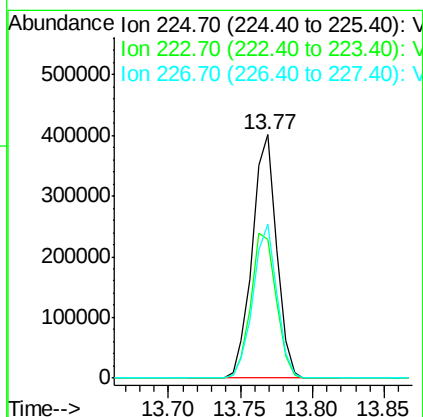
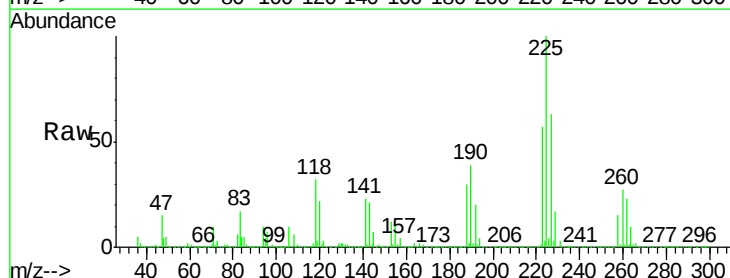
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

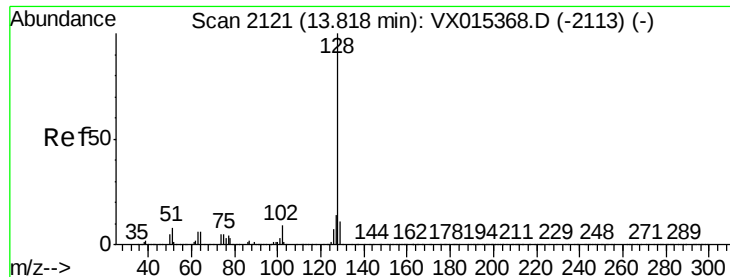
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.4	46.9	140.7
145	30.1	14.9	44.5



#94
 Hexachlorobutadiene
 Concen: 48.760 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015456.D
 Acq: 31 Mar 2020 16:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.9	95.7
227	62.2	30.4	91.3

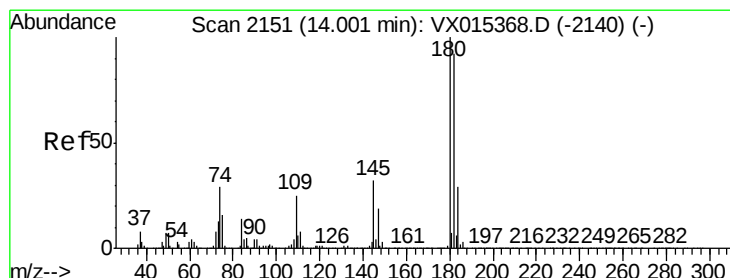
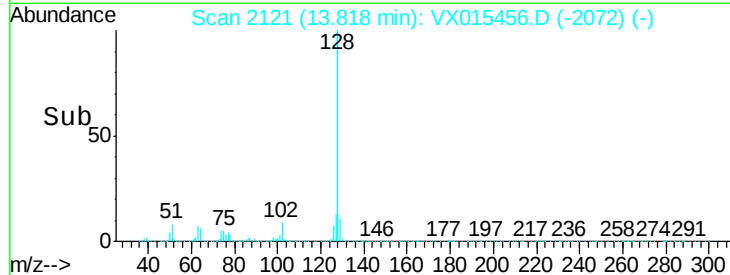
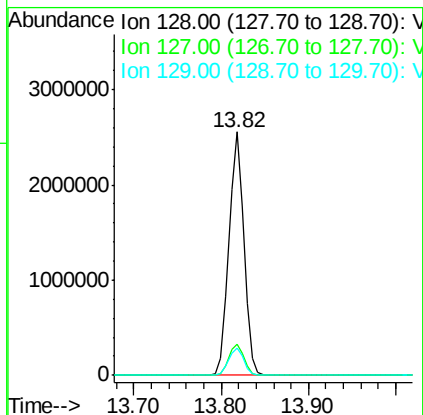
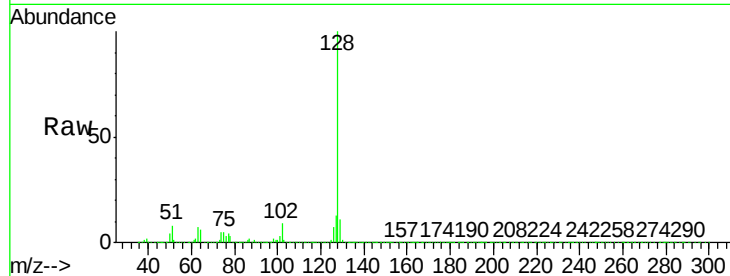




#95
Naphthalene
Concen: 49.575 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015456.D
Acq: 31 Mar 2020 16:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 3037606
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.2 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.845 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. 0.00 min
Lab File: VX015456.D
Acq: 31 Mar 2020 16:05

Tgt Ion:180 Resp: 983333
Ion Ratio Lower Upper
180 100
182 94.0 46.7 140.0
145 30.2 15.8 47.3

