

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX043020\
 Data File : VX015990.D
 Acq On : 30 Apr 2020 11:39
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 30 12:32:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 30 12:23:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	49636	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	274164	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	256136	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	111937	28.93	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.43%
60) 4-Bromofluorobenzene	11.12	95	130802	30.16	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.53%
63) Toluene-d8	8.70	98	327826	30.08	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.27%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	374398	127.787	ug/l 99
3) Chloromethane	1.31	50	343578	107.363	ug/l 98
4) Vinyl Chloride	1.39	62	394569	120.892	ug/l 99
5) Bromomethane	1.62	94	199549	108.691	ug/l 97
6) Chloroethane	1.70	64	255915	123.622	ug/l 97
7) Trichlorofluoromethane	1.91	101	566315	121.934	ug/l 99
8) Diethyl Ether	2.17	74	221302	123.461	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	287074	105.381	ug/l 99
10) 1,1-Dichloroethene	2.36	96	290464	105.255	ug/l 98
11) Methyl Iodide	2.49	142	426057	116.262	ug/l 100
12) Methyl Acetate	2.75	43	522299	118.657	ug/l 100
13) Acrolein	2.27	56	203380	440.104	ug/l 100
14) Acrylonitrile	3.12	53	947896	546.320	ug/l 99
15) Acetone	2.42	58	248323	556.530	ug/l 99
16) Carbon Disulfide	2.55	76	876494	107.090	ug/l 99
17) Allyl chloride	2.70	41	540279	93.180	ug/l 98
18) Methylene Chloride	2.84	84	324565	105.100	ug/l 95
19) trans-1,2-Dichloroethene	3.14	96	322971	108.015	ug/l 97
20) Diisopropyl ether	3.82	45	1057708	100.006	ug/l 92
21) 1,1-Dichloroethane	3.67	63	583803	104.073	ug/l 100
22) cis-1,2-Dichloroethene	4.57	96	363159	106.214	ug/l 99
23) tert-Butyl Alcohol	2.75	59	46219	54.373	ug/l 100
24) Methyl tert-Butyl Ether	3.17	73	1057281	105.088	ug/l 98
25) Chloroform	5.18	83	588926	104.955	ug/l 96
26) Cyclohexane	5.55	56	538131	101.385	ug/l # 99
29) 1,1-Dichloropropene	5.77	75	452287	108.182	ug/l 99
30) 2-Butanone	4.64	43	1351959	542.891	ug/l 99
31) 2,2-Dichloropropane	4.55	77	539276	107.263	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	548065	107.895	ug/l 99
33) Carbon Tetrachloride	5.76	117	484966	105.355	ug/l 99
34) Benzene	6.12	78	1314848	108.682	ug/l 98
35) Methacrylonitrile	5.01	41	282317	102.377	ug/l 98
36) 1,2-Dichloroethane	6.17	62	496273	107.373	ug/l 99
37) Trichloroethene	7.19	130	440111	115.384	ug/l 99
38) Methylcyclohexane	7.44	83	552222	108.208	ug/l 99
39) 1,2-Dichloropropane	7.49	63	335384	105.115	ug/l 98
40) Dibromomethane	7.64	93	234116	108.100	ug/l 99

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Quant Time: Apr 30 12:32:16 2020
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 30 12:23:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	489018	106.635	ug/l	98
42) Vinyl Acetate	3.79	43	4487994	508.763	ug/l	99
43) Ethyl Acetate	4.80	43	533800	99.481	ug/l	100
44) Isopropyl Acetate	6.42	43	861950	102.360	ug/l	99
45) 1,4-Dioxane	7.71	88	177264	2181.266	ug/l	99
46) Methyl methacrylate	7.75	41	414658	100.664	ug/l	96
47) n-amyl Acetate	10.88	43	768726	105.043	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	573557	108.172	ug/l	99
49) cis-1,3-Dichloropropene	8.41	75	582725	106.334	ug/l	100
50) 1,1,2-Trichloroethane	9.20	97	333266	108.581	ug/l	97
51) Ethyl methacrylate	9.16	69	568411	109.665	ug/l	98
52) 1,3-Dichloropropane	9.35	76	569084	107.223	ug/l	99
53) Dibromochloromethane	9.57	129	386270	105.028	ug/l	99
54) 1,2-Dibromoethane	9.66	107	364156	109.445	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	1436220	566.976	ug/l	100
56) Bromoform	10.84	173	301301	103.023	ug/l	97
58) 4-Methyl-2-Pentanone	8.62	43	2650578	544.034	ug/l	98
59) 2-Hexanone	9.48	43	2064962	553.311	ug/l	98
61) Tetrachloroethene	9.32	164	510373	127.649	ug/l	98
62) Toluene	8.77	91	1422743	108.526	ug/l	99
64) Chlorobenzene	10.12	112	913078	108.350	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	349461	104.195	ug/l	98
66) Ethyl Benzene	10.24	91	1629167	109.212	ug/l	98
67) m/p-Xylenes	10.34	106	1248350	219.851	ug/l	98
68) o-Xylene	10.68	106	607726	110.373	ug/l	98
69) Styrene	10.70	104	1069151	112.325	ug/l	100
70) Isopropylbenzene	11.01	105	1613718	109.763	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	360056	92.625	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	680896	152.240	ug/l	83
73) Bromobenzene	11.24	156	409232	105.574	ug/l	99
74) n-propylbenzene	11.35	91	1894888	112.023	ug/l	99
75) 2-Chlorotoluene	11.41	91	1107857	108.972	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	1397792	111.501	ug/l	100
77) t-1,4-Dichloro-2-butene	11.06	75	218148	113.722	ug/l	95
78) 4-Chlorotoluene	11.49	91	1328738	112.199	ug/l	99
79) tert-butylbenzene	11.76	119	1194776	100.852	ug/l	98
80) 1,2,4-Trimethylbenzene	11.79	105	1394263	110.420	ug/l	99
81) sec-Butylbenzene	11.93	105	1609793	111.628	ug/l	99
82) p-Isopropyltoluene	12.05	119	1496713	110.600	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	747363	107.325	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	741465	107.028	ug/l	100
85) n-Butylbenzene	12.37	91	1380244	113.966	ug/l	99
86) Hexachloroethane	12.58	117	270773	107.460	ug/l	100
87) 1,2-Dichlorobenzene	12.38	146	718548	106.129	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	128262	106.384	ug/l	99
89) 1,2,4-Trichlorobenzene	13.63	180	533658	100.380	ug/l	99
90) Hexachlorobutadiene	13.77	225	222118	83.086	ug/l	96
91) Naphthalene	13.82	128	1693796	107.840	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	516768	99.461	ug/l	96

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Quant Time: Apr 30 12:32:16 2020
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 30 12:23:54 2020
Response via : Initial Calibration

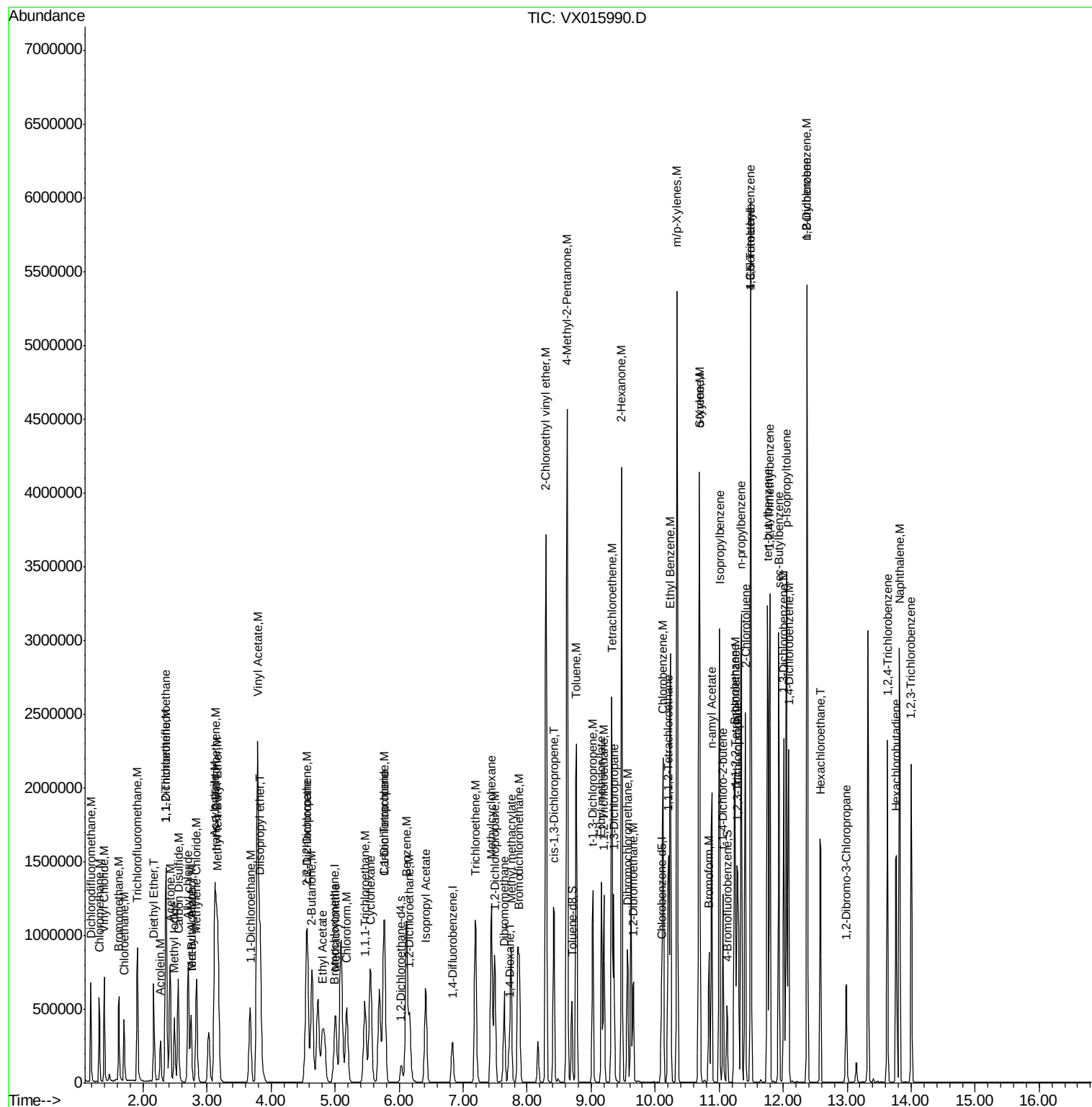
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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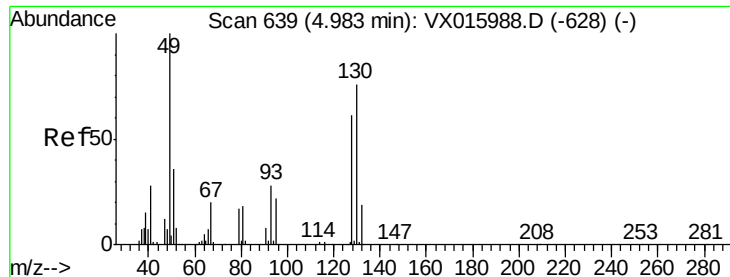
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX043020\
 Data File : VX015990.D
 Acq On : 30 Apr 2020 11:39
 Operator : JC/SP
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampled :

Quant Time: Apr 30 12:32:16 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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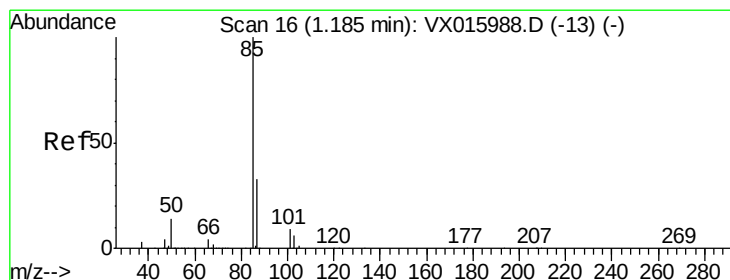
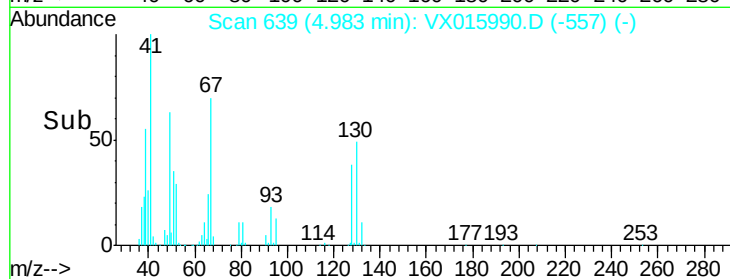
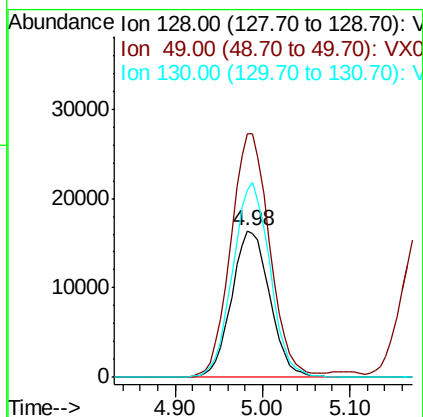
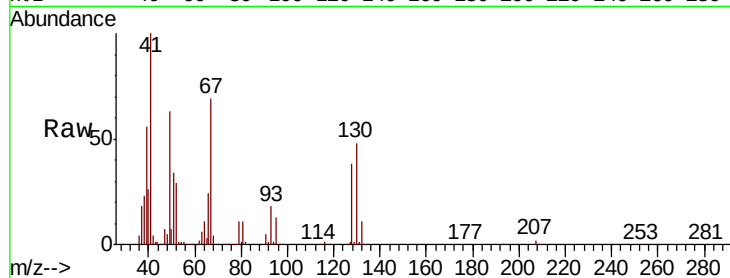




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX015990.D
Acq: 30 Apr 2020 11:39

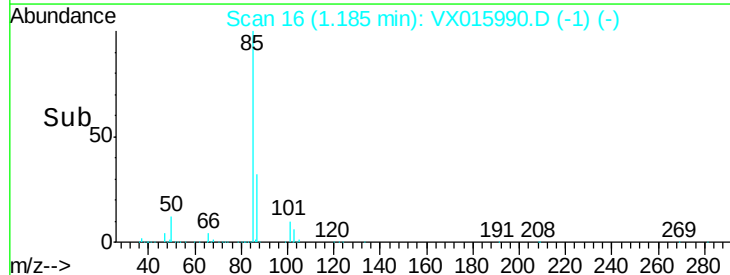
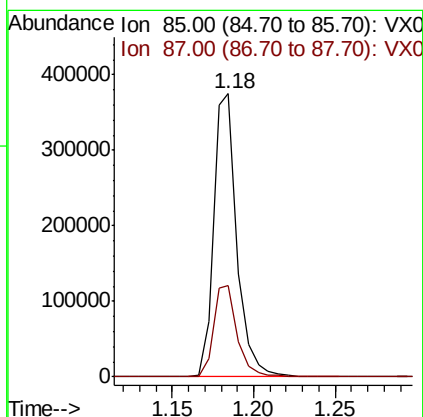
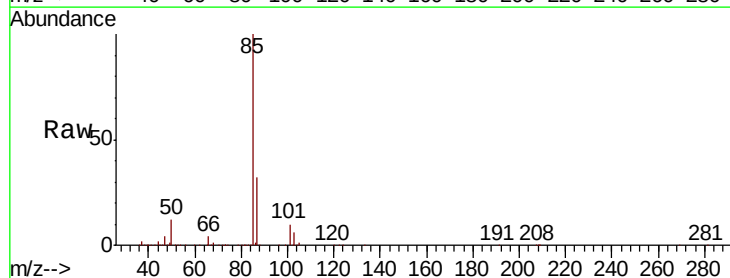
Instrument :
MSVOA_X
ClientSampleId :

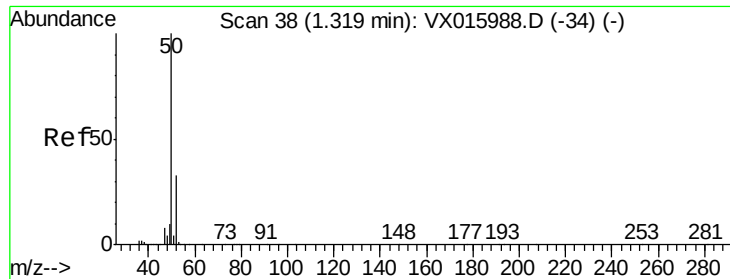
Tot Ion:128 Resp: 49636
Ion Ratio Lower Upper
128 100
49 169.7 0.0 418.5
130 129.7 0.0 326.3



#2
Dichlorodifluoromethane
Concen: 127.787 ug/l
RT: 1.18 min Scan# 16
Delta R.T. -0.00 min
Lab File: VX015990.D
Acq: 30 Apr 2020 11:39

Tgt Ion: 85 Resp: 374398
Ion Ratio Lower Upper
85 100
87 32.5 16.6 49.7





#3

Chloromethane

Concen: 107.363 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX015990.D

Acq: 30 Apr 2020 11:39

Instrument :

MSVOA_X

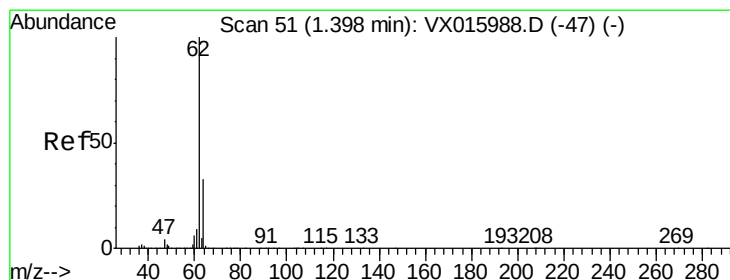
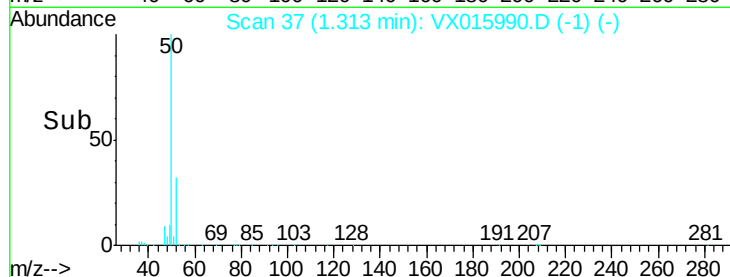
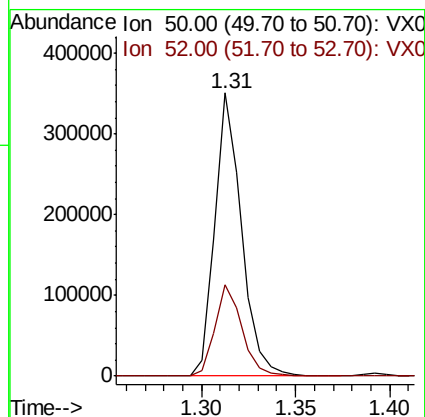
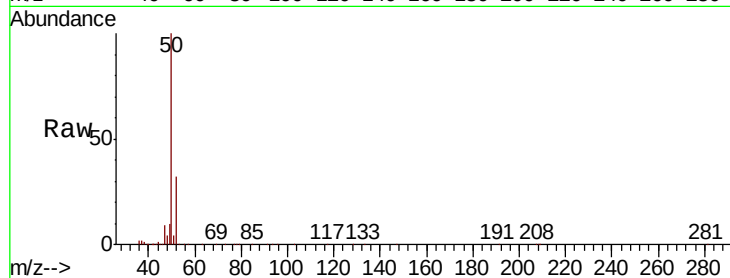
ClientSampleId :

Tot Ion: 50 Resp: 343578

Ion Ratio Lower Upper

50 100

52 32.2 26.5 39.7



#4

Vinyl Chloride

Concen: 120.892 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX015990.D

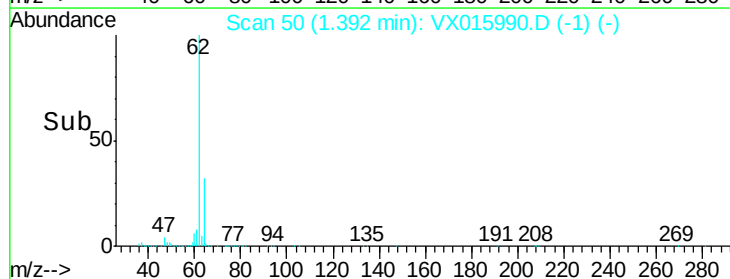
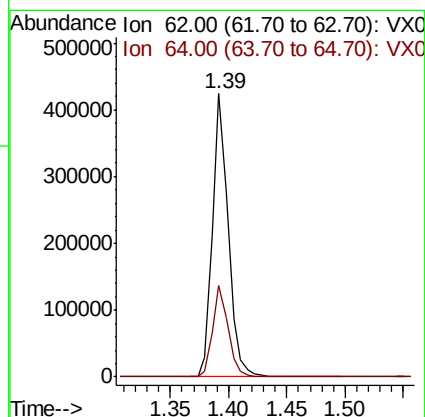
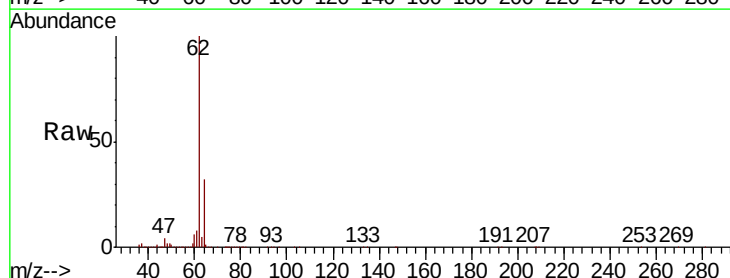
Acq: 30 Apr 2020 11:39

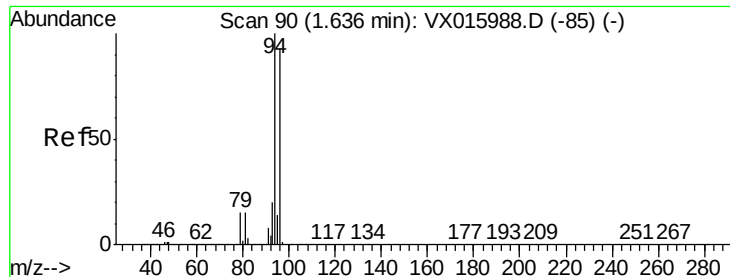
Tgt Ion: 62 Resp: 394569

Ion Ratio Lower Upper

62 100

64 32.3 26.3 39.5





#5

Bromomethane

Concen: 108.691 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX015990.D

Acq: 30 Apr 2020 11:39

Instrument :

MSVOA_X

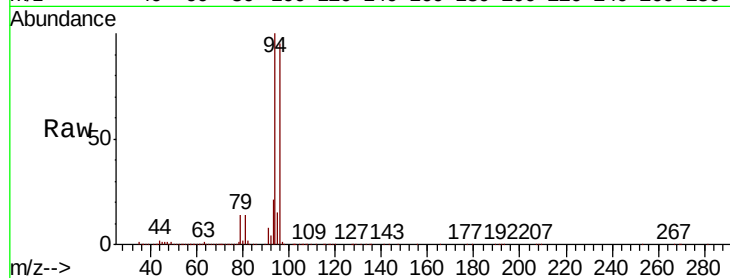
ClientSampleId :

Tot Ion: 94 Resp: 199549

Ion Ratio Lower Upper

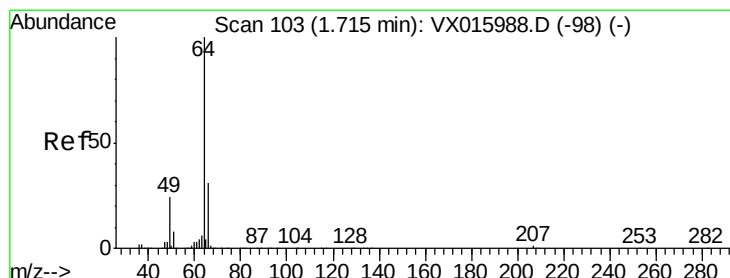
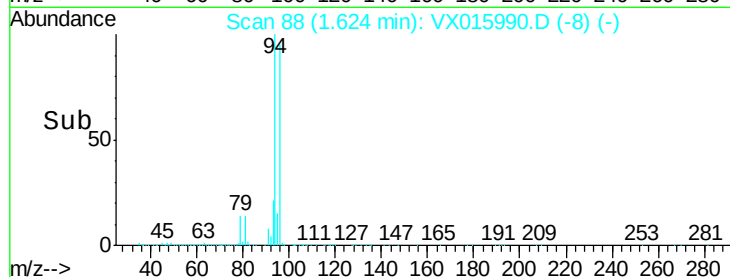
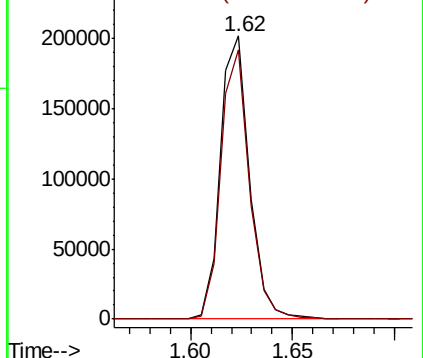
94 100

96 95.2 74.2 111.2



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 123.622 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX015990.D

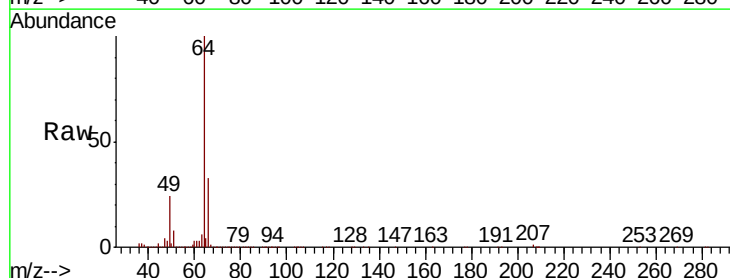
Acq: 30 Apr 2020 11:39

Tgt Ion: 64 Resp: 255915

Ion Ratio Lower Upper

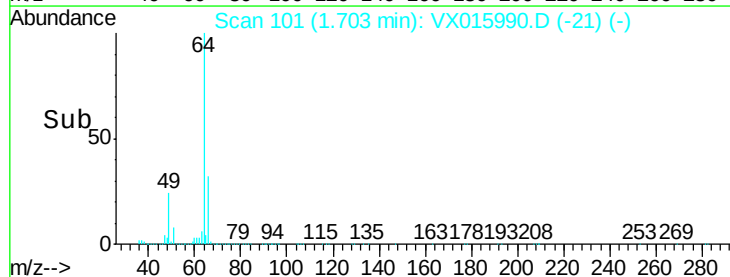
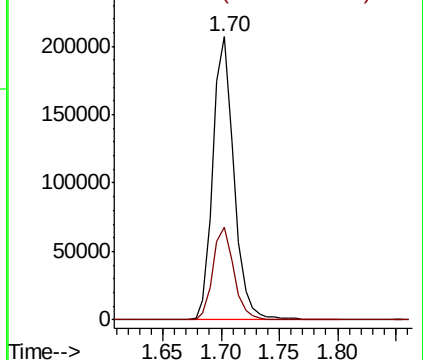
64 100

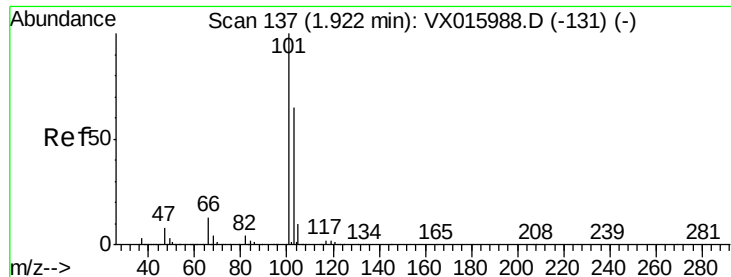
66 32.5 24.9 37.3



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



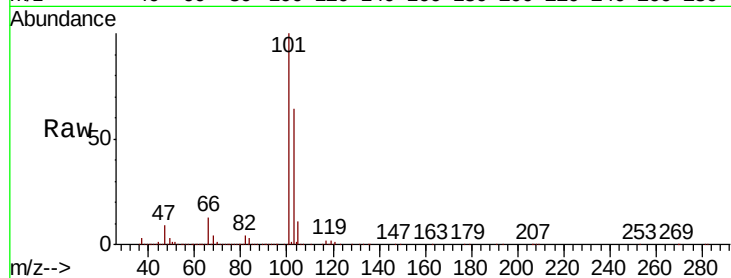


#7

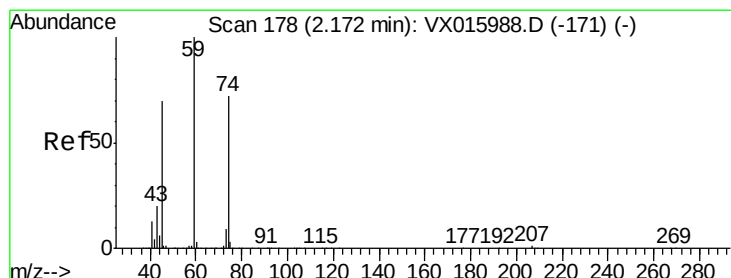
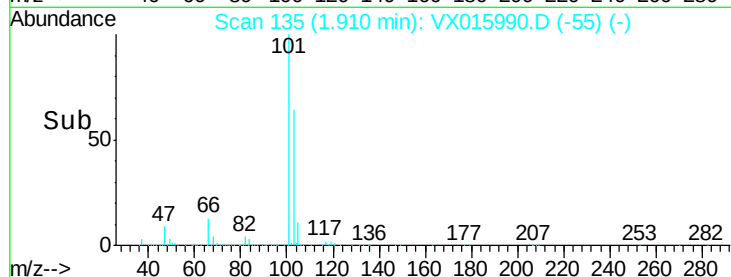
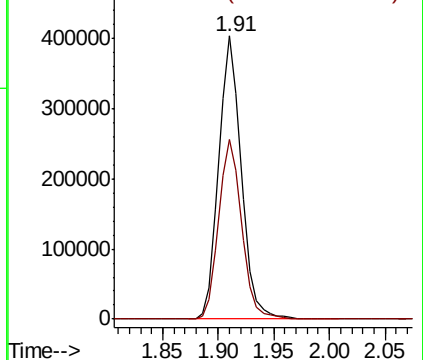
Trichlorofluoromethane
Concen: 121.934 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX015990.D
Acq: 30 Apr 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 566315
Ion Ratio Lower Upper
101 100
103 63.6 51.8 77.8



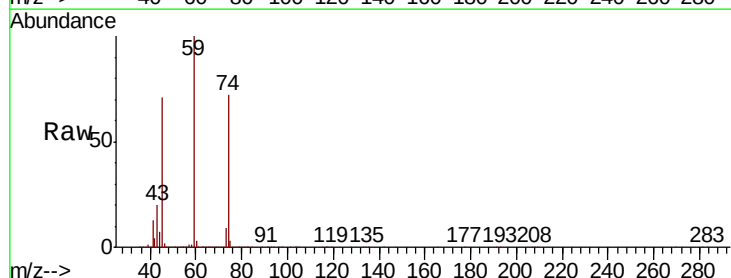
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



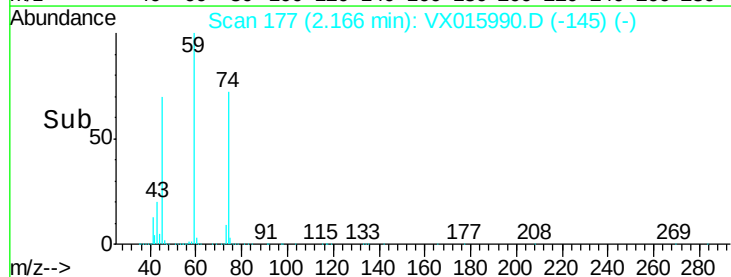
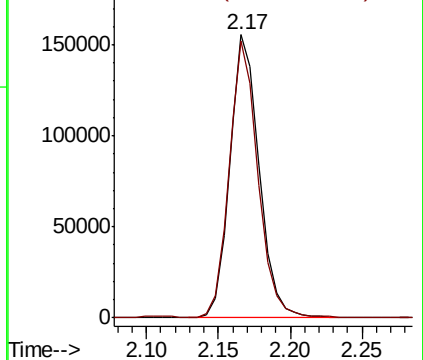
#8

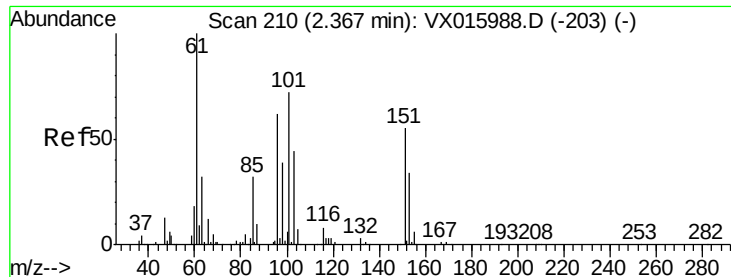
Diethyl Ether
Concen: 123.461 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX015990.D
Acq: 30 Apr 2020 11:39

Tgt Ion: 74 Resp: 221302
Ion Ratio Lower Upper
74 100
45 95.9 19.4 174.8



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 105.381 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX015990.D

Acq: 30 Apr 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

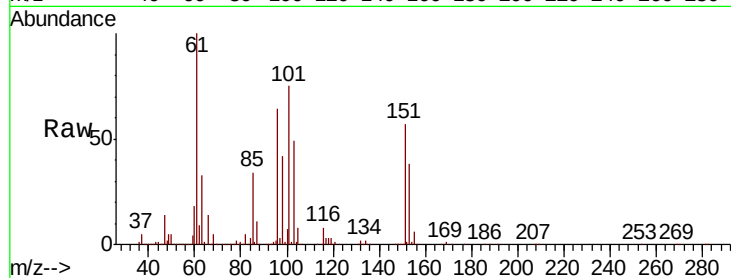
Tot Ion:101 Resp: 287074

Ion Ratio Lower Upper

101 100

85 44.3 0.0 90.6

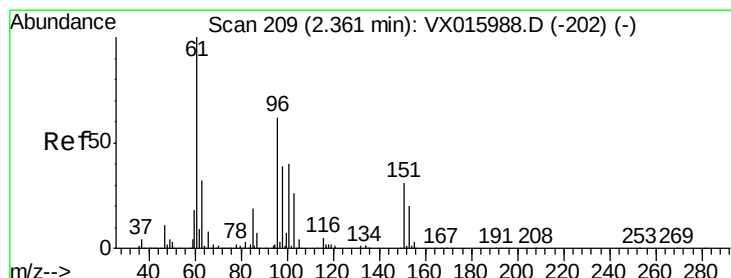
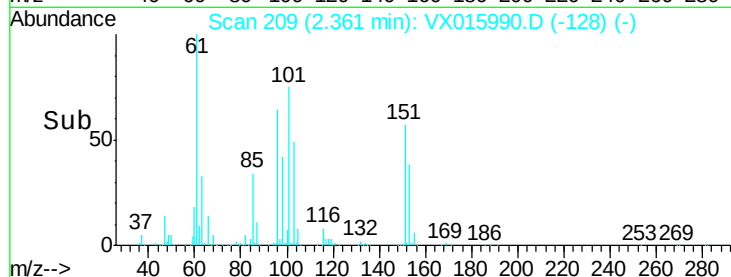
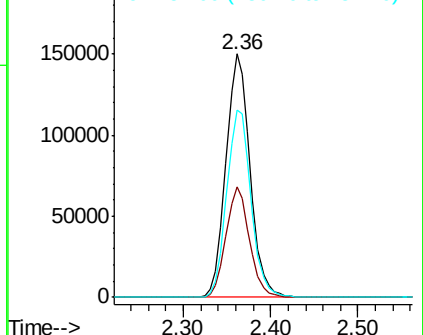
151 77.8 0.0 157.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 105.255 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX015990.D

Acq: 30 Apr 2020 11:39

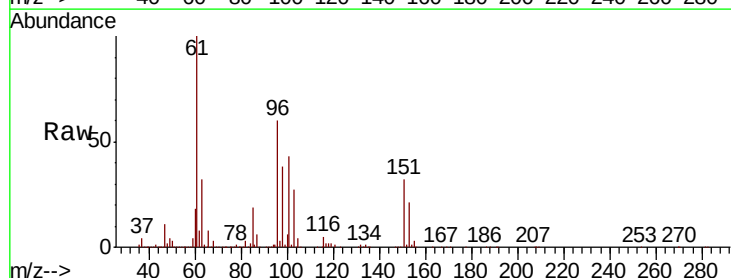
Tgt Ion: 96 Resp: 290464

Ion Ratio Lower Upper

96 100

61 165.5 129.8 194.8

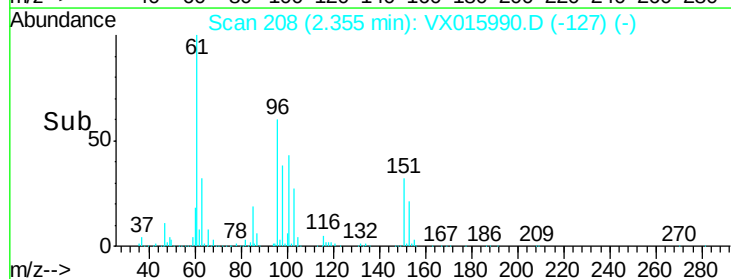
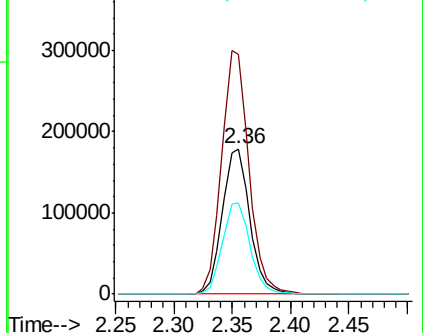
98 62.9 51.1 76.7

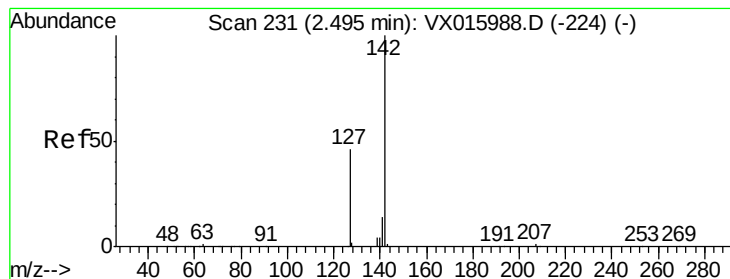


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#11

Methvl Iodide

Concen: 116.262 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX015990.D

Acq: 30 Apr 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

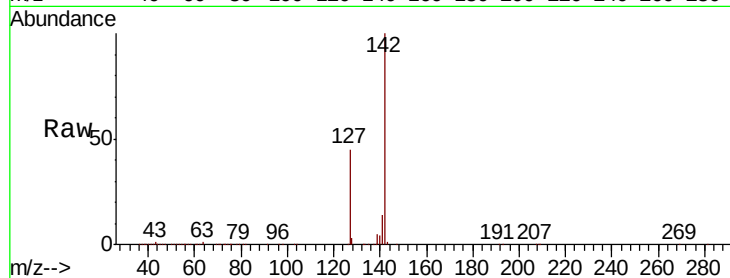
Tot Ion:142 Resp: 426057

Ion Ratio Lower Upper

142 100

127 45.3 22.8 68.4

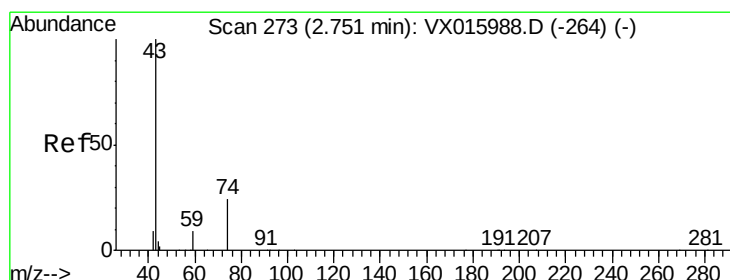
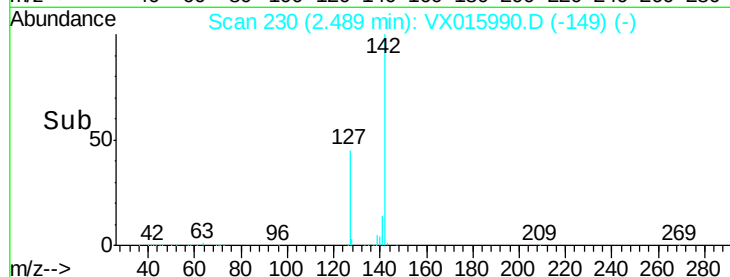
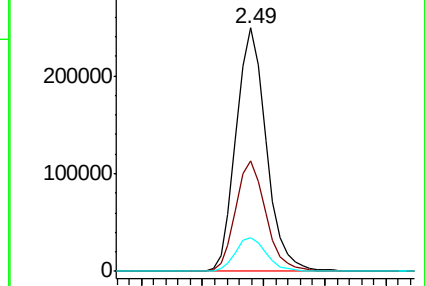
141 14.0 7.0 21.1



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 118.657 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015990.D

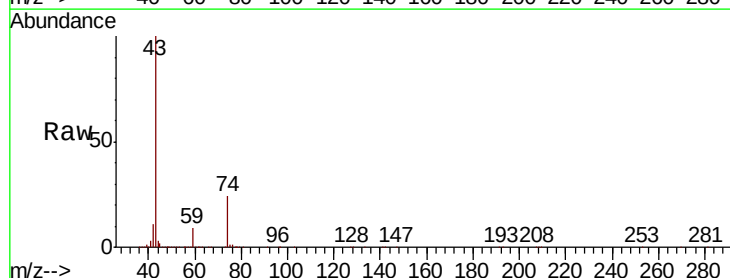
Acq: 30 Apr 2020 11:39

Tgt Ion: 43 Resp: 522299

Ion Ratio Lower Upper

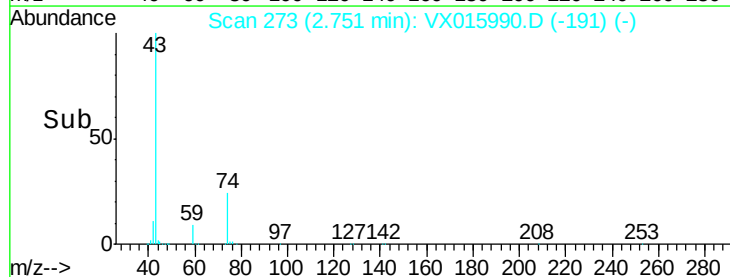
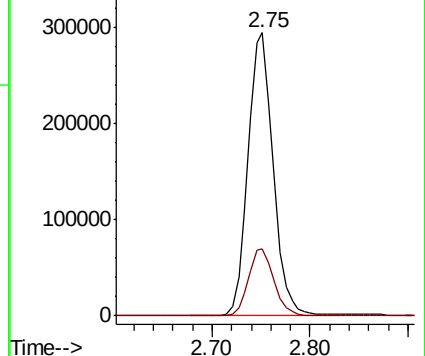
43 100

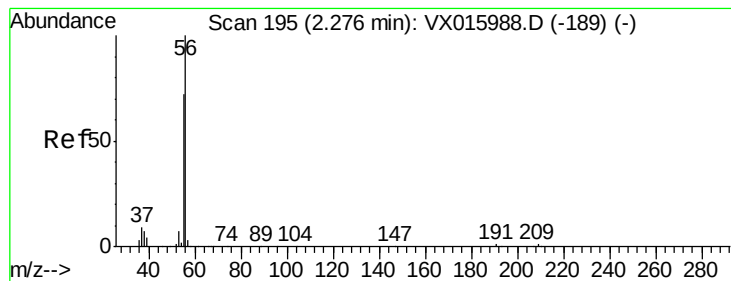
74 23.8 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 440.104 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX015990.D

Acq: 30 Apr 2020 11:39

Instrument :

MSVOA_X

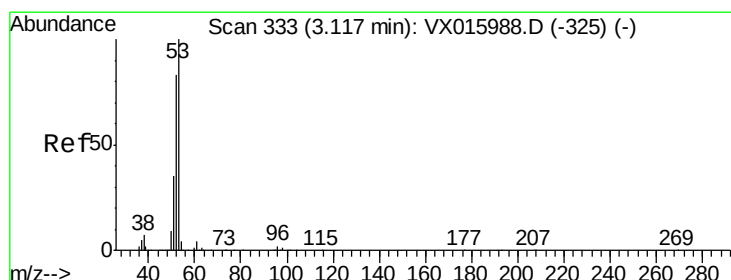
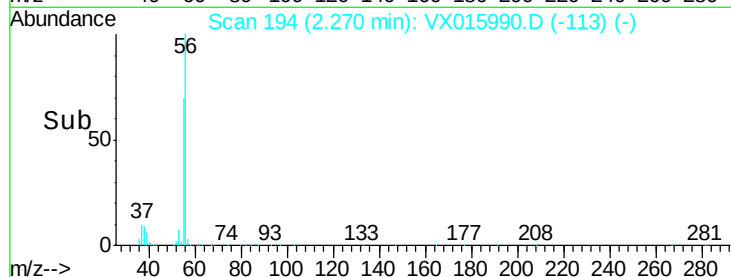
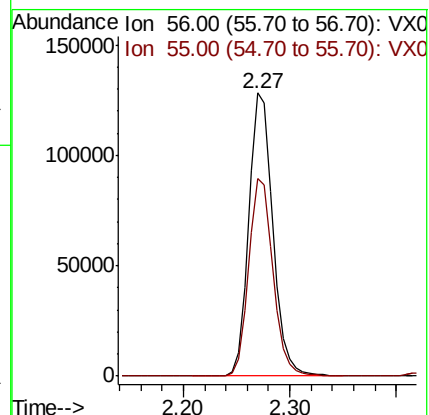
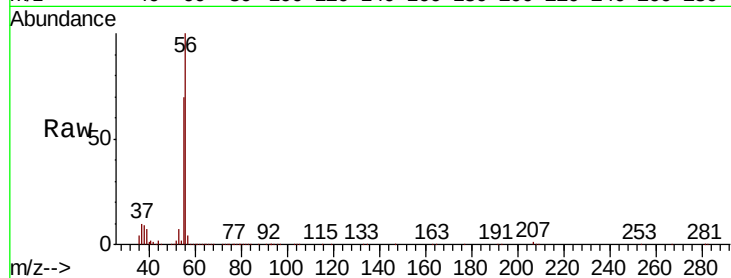
ClientSampleId :

Tot Ion: 56 Resp: 203380

Ion Ratio Lower Upper

56 100

55 70.5 56.2 84.4



#14

Acrylonitrile

Concen: 546.320 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX015990.D

Acq: 30 Apr 2020 11:39

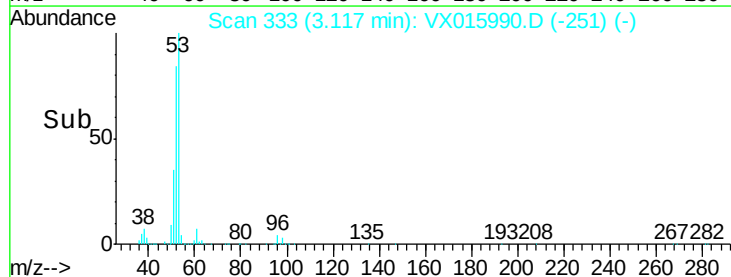
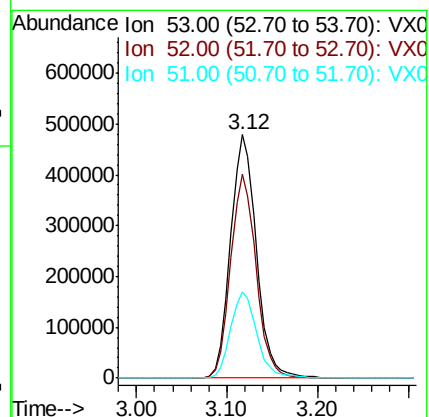
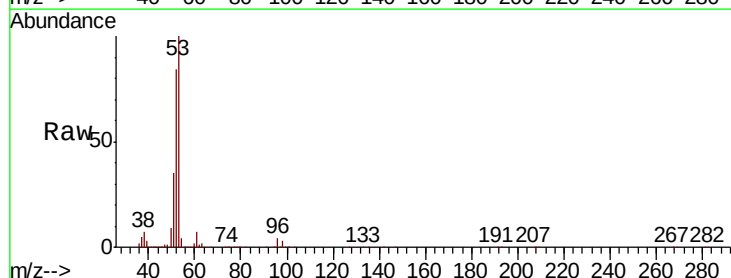
Tgt Ion: 53 Resp: 947896

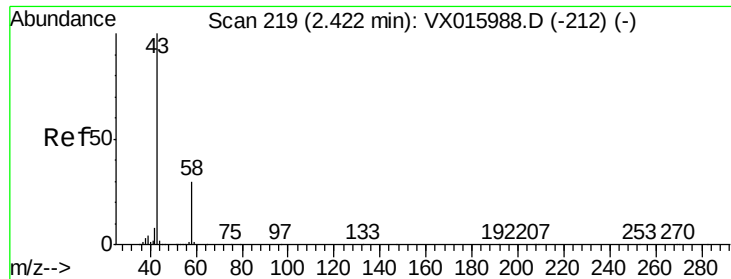
Ion Ratio Lower Upper

53 100

52 82.7 41.2 123.6

51 36.3 17.8 53.5

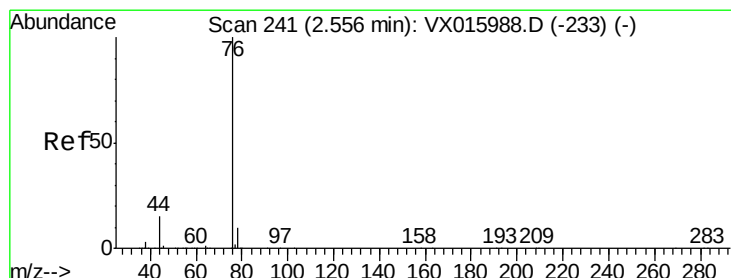
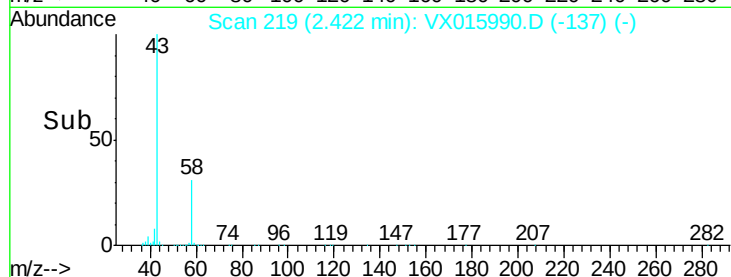
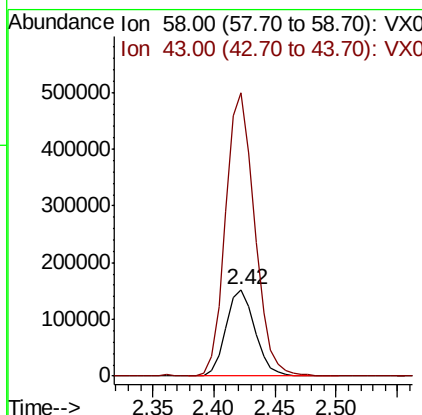
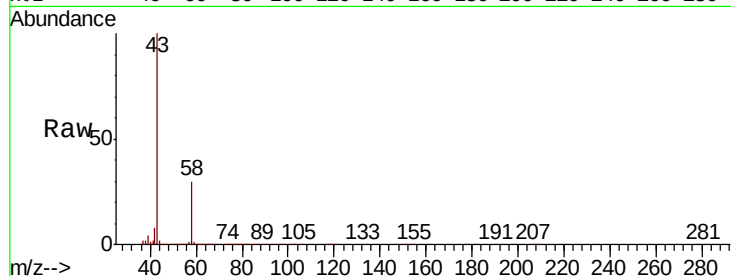




#15
Acetone
Concen: 556.530 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX015990.D
Acq: 30 Apr 2020 11:39

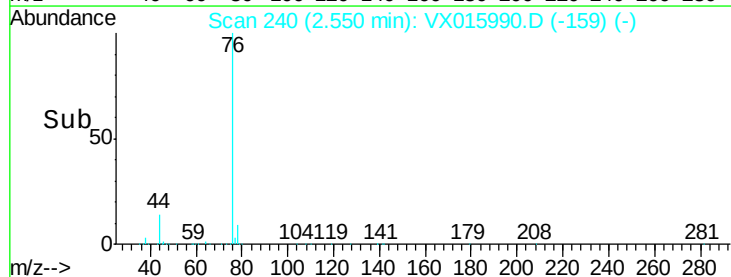
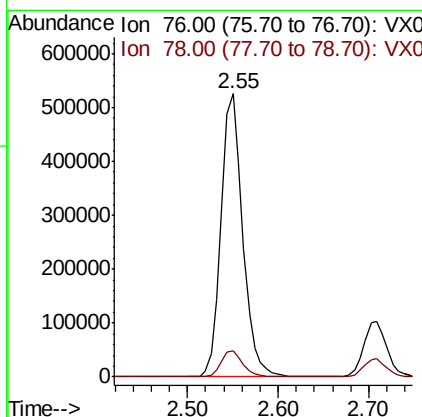
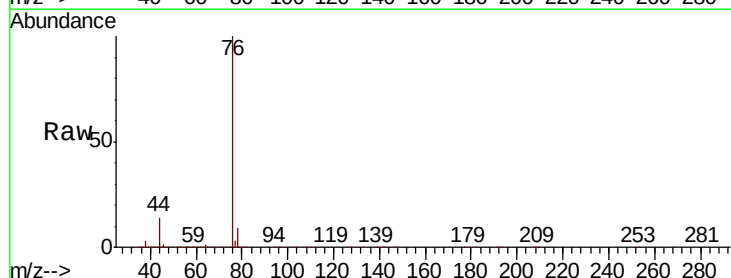
Instrument :
MSVOA_X
ClientSampleId :

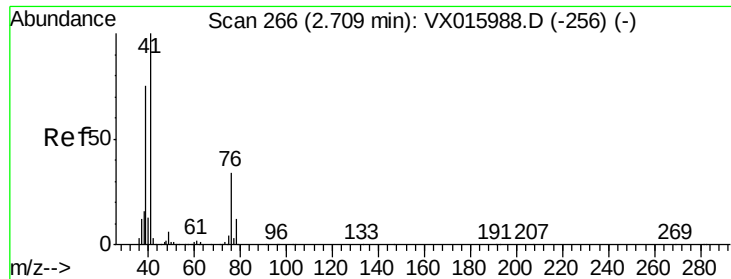
Tot Ion: 58 Resp: 248323
Ion Ratio Lower Upper
58 100
43 327.8 264.2 396.2



#16
Carbon Disulfide
Concen: 107.090 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.01 min
Lab File: VX015990.D
Acq: 30 Apr 2020 11:39

Tgt Ion: 76 Resp: 876494
Ion Ratio Lower Upper
76 100
78 9.1 7.7 11.5

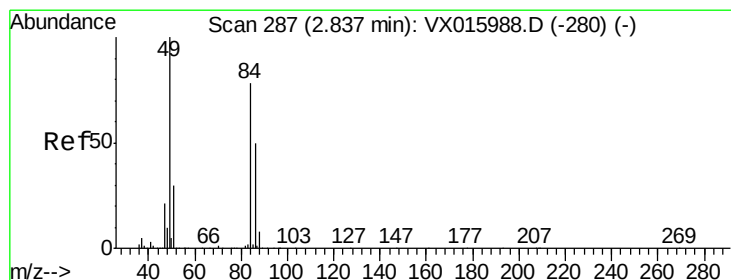
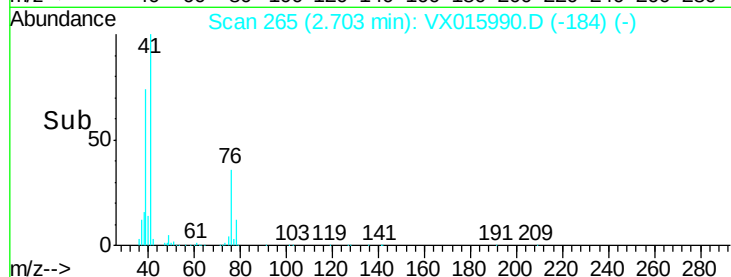
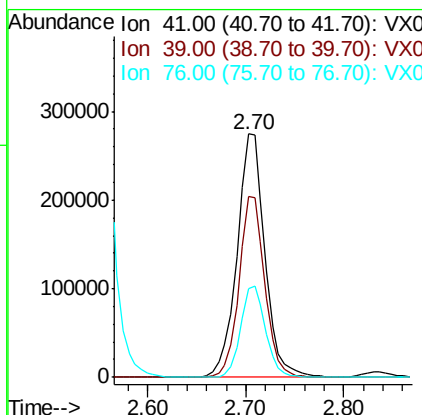
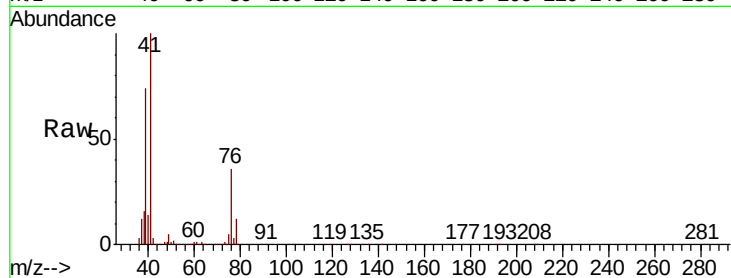




#17
Allvl chloride
Concen: 93.180 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX015990.D
Acq: 30 Apr 2020 11:39

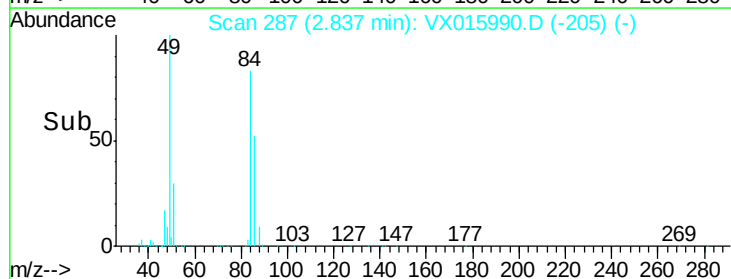
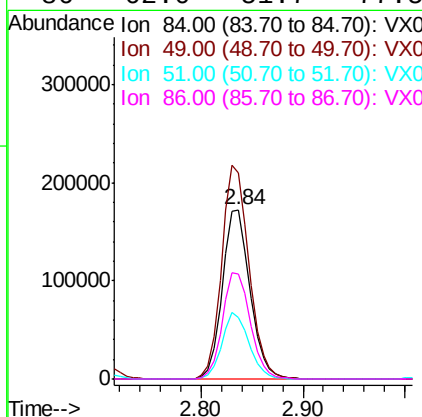
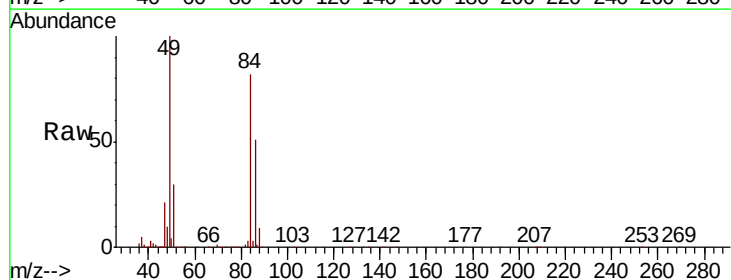
Instrument :
MSVOA_X
ClientSampleId :

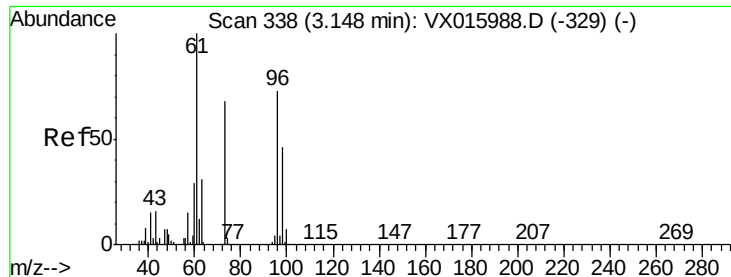
Tot Ion: 41 Resp: 540279
Ion Ratio Lower Upper
41 100
39 74.1 37.6 112.8
76 36.4 17.2 51.5



#18
Methylene Chloride
Concen: 105.100 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX015990.D
Acq: 30 Apr 2020 11:39

Tgt Ion: 84 Resp: 324565
Ion Ratio Lower Upper
84 100
49 121.8 103.0 154.4
51 36.4 31.4 47.0
86 62.0 51.7 77.5





#19

trans-1,2-Dichloroethene

Concen: 108.015 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.01 min

Lab File: VX015990.D

Acq: 30 Apr 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

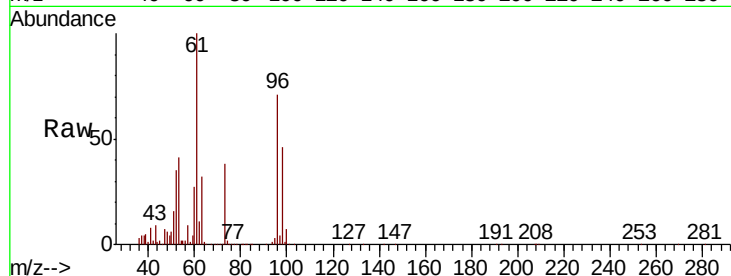
Tot Ion: 96 Resp: 322971

Ion Ratio Lower Upper

96 100

61 140.7 109.0 163.4

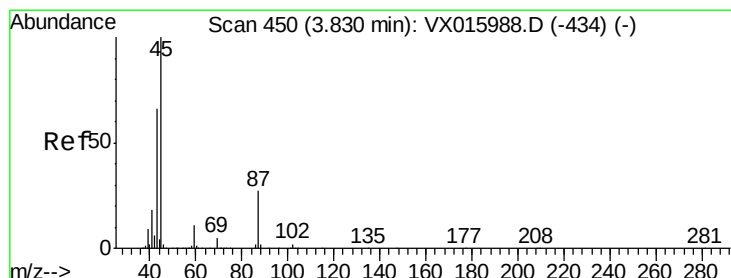
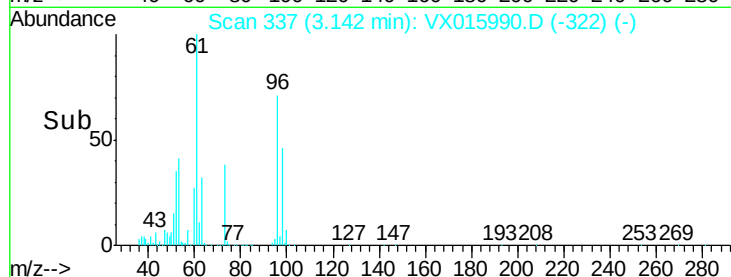
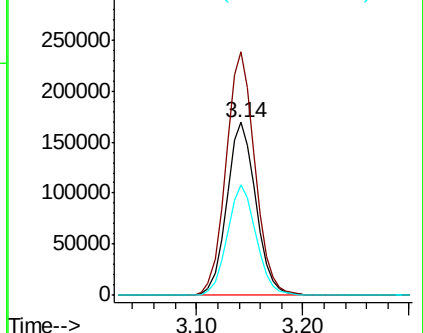
98 64.2 50.0 75.0



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 100.006 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX015990.D

Acq: 30 Apr 2020 11:39

Tgt Ion: 45 Resp: 1057708

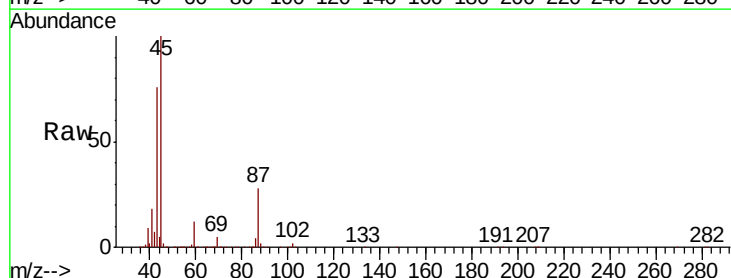
Ion Ratio Lower Upper

45 100

43 76.1 53.0 79.4

87 27.5 21.9 32.9

59 11.7 9.1 13.7

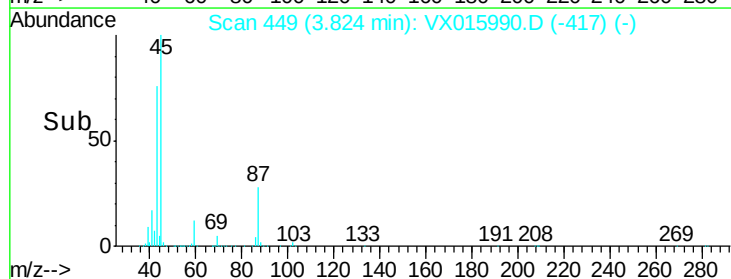
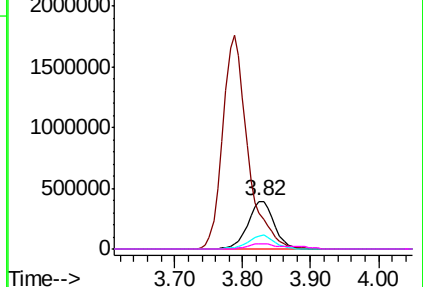


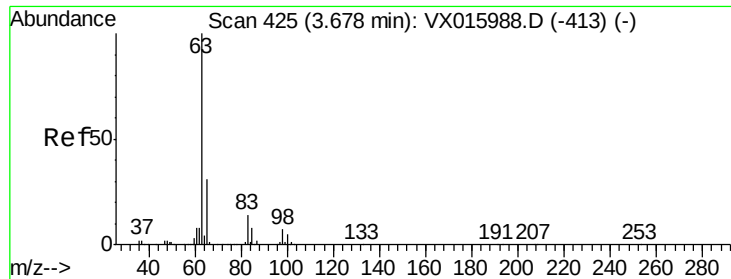
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 104.073 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.01 min

Lab File: VX015990.D

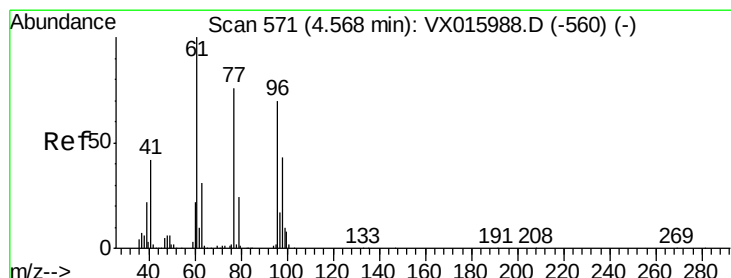
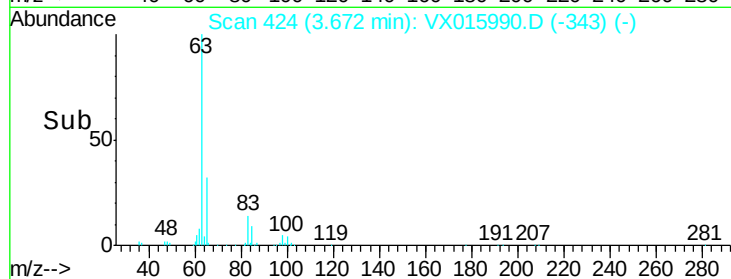
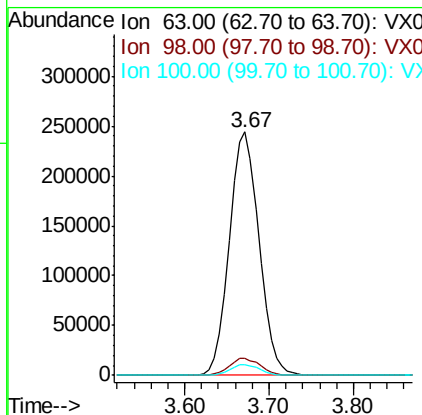
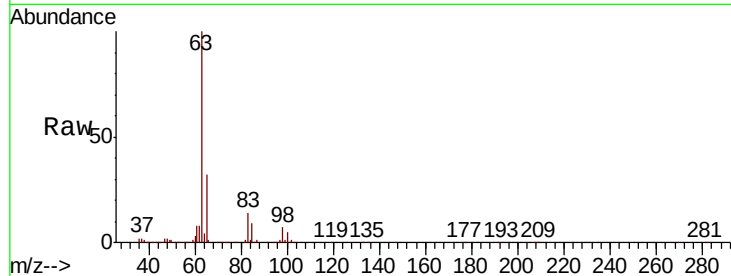
Acq: 30 Apr 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	63	Resp:	583803
Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.5	10.4
100	4.5	2.3	6.9



#22

cis-1,2-Dichloroethene

Concen: 106.214 ug/l

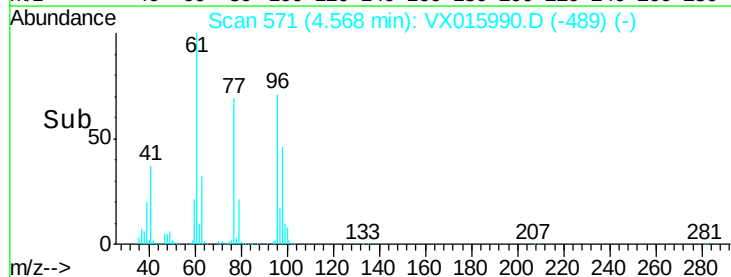
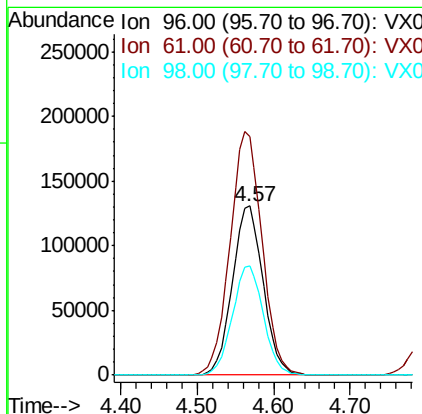
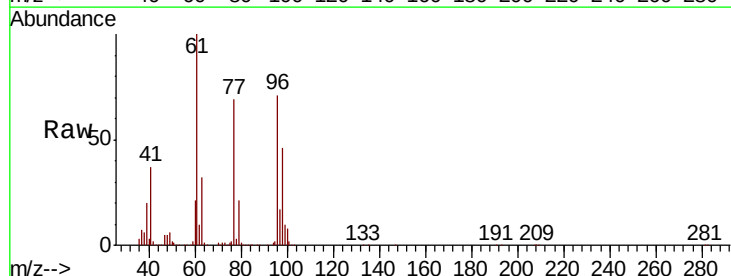
RT: 4.57 min Scan# 571

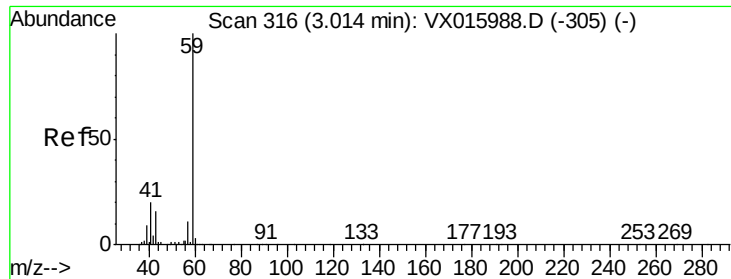
Delta R.T. -0.00 min

Lab File: VX015990.D

Acq: 30 Apr 2020 11:39

Tgt Ion:	96	Resp:	363159
Ion	Ratio	Lower	Upper
96	100		
61	150.1	121.6	182.4
98	65.1	51.9	77.9

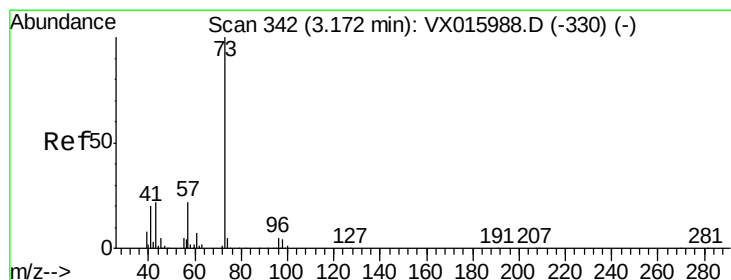
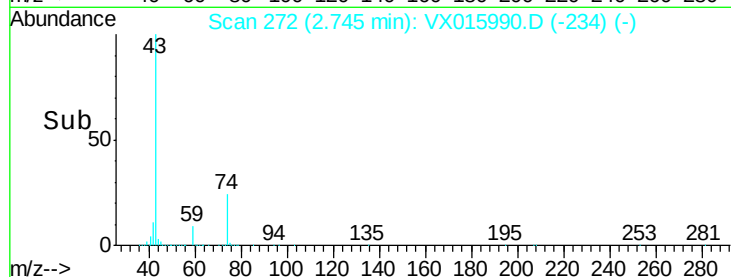
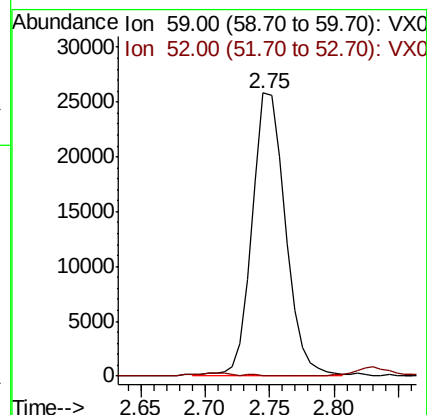
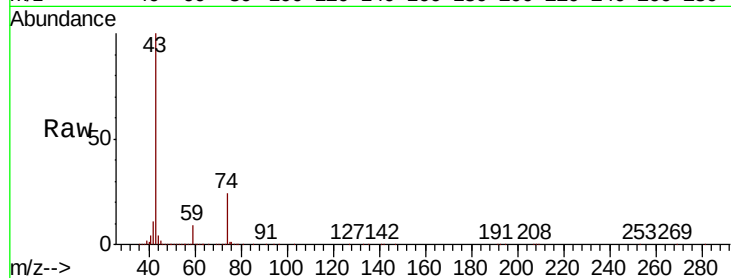




#23
tert-Butyl Alcohol
Concen: 54.373 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.27 min
Lab File: VX015990.D
Acq: 30 Apr 2020 11:39

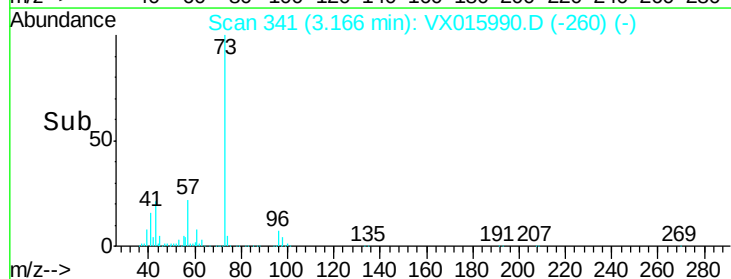
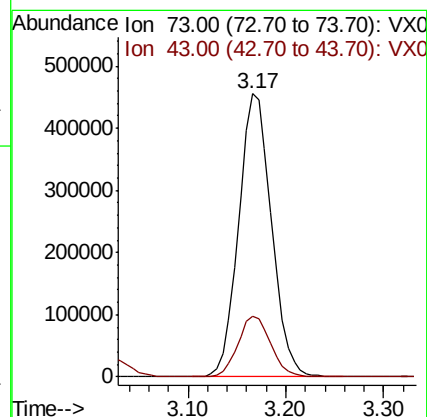
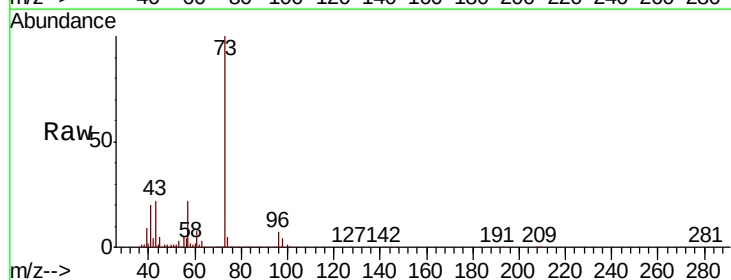
Instrument :
MSVOA_X
ClientSampleId :

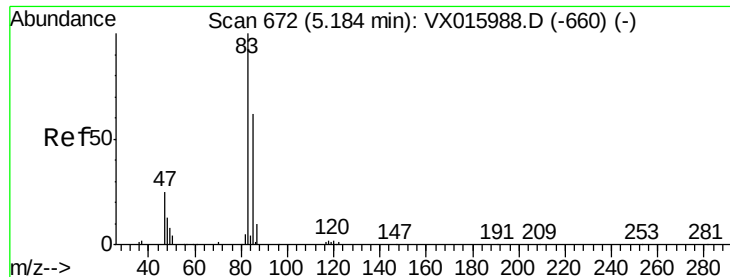
Tot Ion: 59 Resp: 46219
Ion Ratio Lower Upper
59 100
52 0.1 0.1 0.1



#24
Methyl tert-Butyl Ether
Concen: 105.088 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX015990.D
Acq: 30 Apr 2020 11:39

Tgt Ion: 73 Resp: 1057281
Ion Ratio Lower Upper
73 100
43 21.3 17.8 26.6





#25

Chloroform

Concen: 104.955 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX015990.D

Acq: 30 Apr 2020 11:39

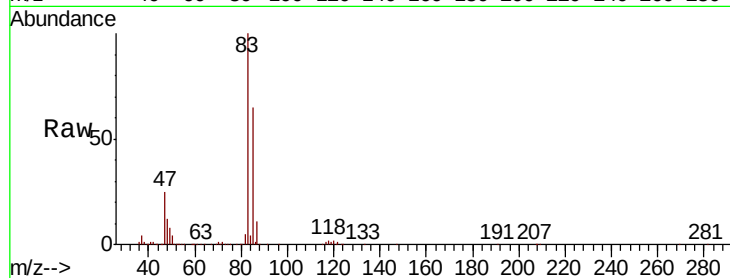
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 588926

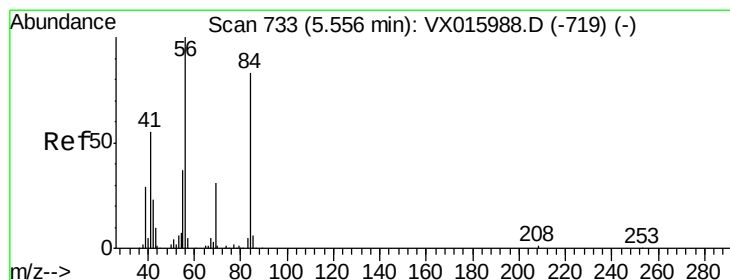
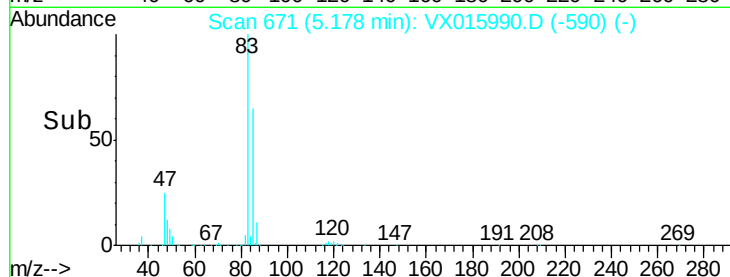
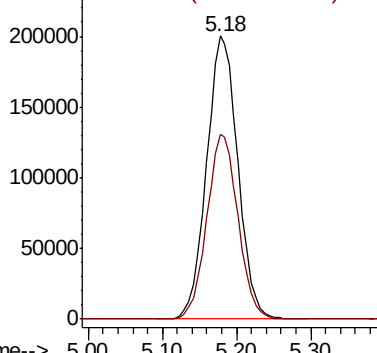
Ion Ratio Lower Upper

83 100

85 65.2 49.6 74.4



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 101.385 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.01 min

Lab File: VX015990.D

Acq: 30 Apr 2020 11:39

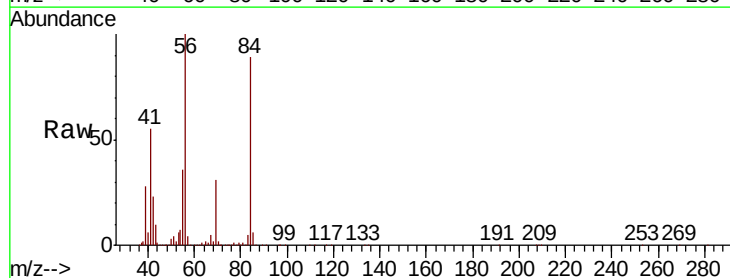
Tgt Ion: 56 Resp: 538131

Ion Ratio Lower Upper

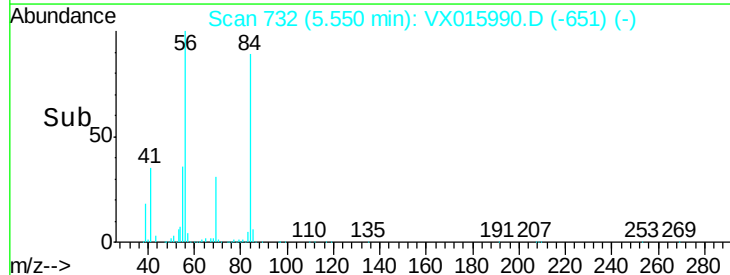
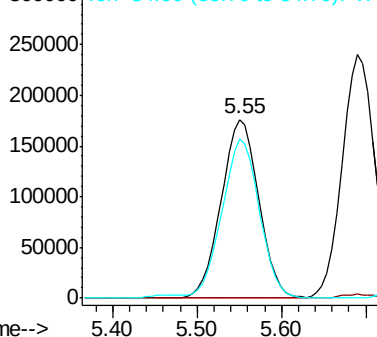
56 100

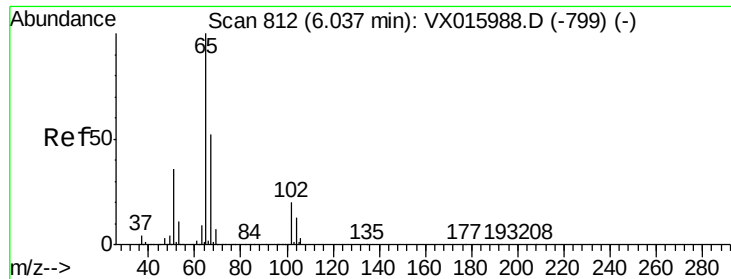
89 0.0 0.1 0.1#

84 88.9 70.1 105.1



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 89.00 (88.70 to 89.70): VX0
Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 28.926 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX015990.D

Acq: 30 Apr 2020 11:39

Instrument :

MSVOA_X

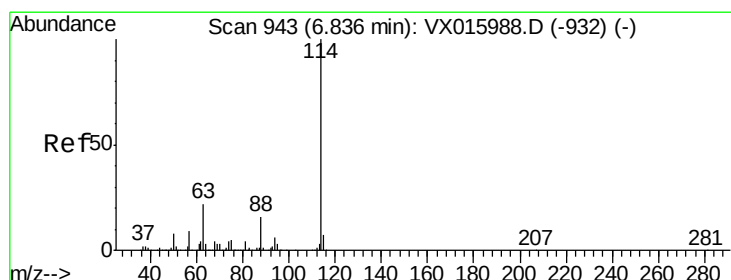
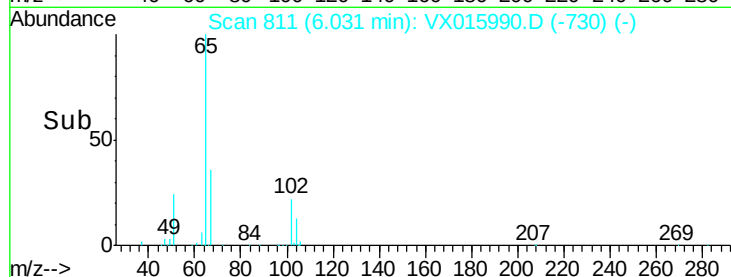
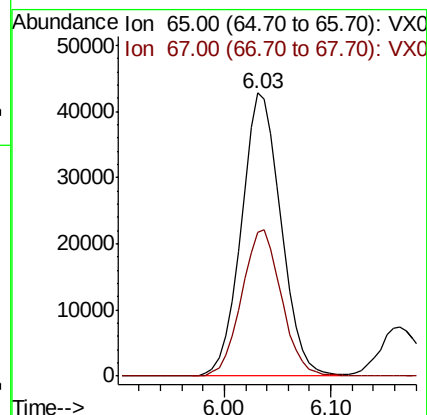
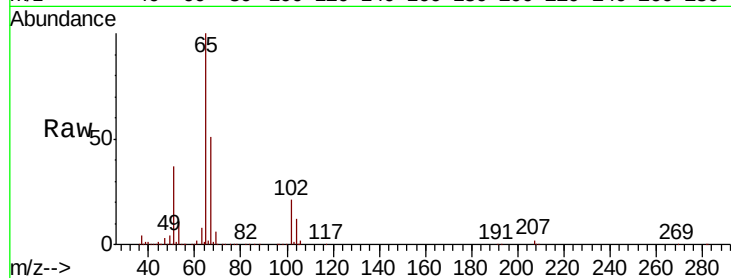
ClientSampleId :

Tot Ion: 65 Resp: 111937

Ion Ratio Lower Upper

65 100

67 51.9 41.0 61.4



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. -0.00 min

Lab File: VX015990.D

Acq: 30 Apr 2020 11:39

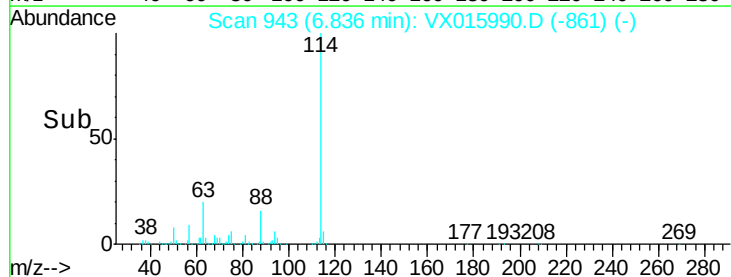
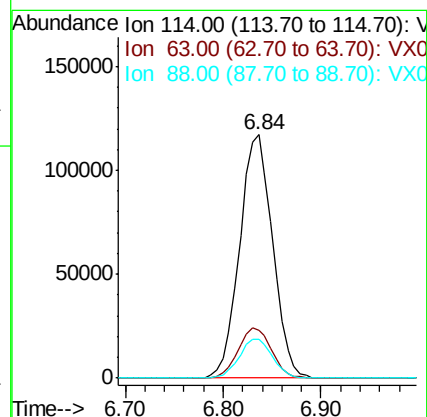
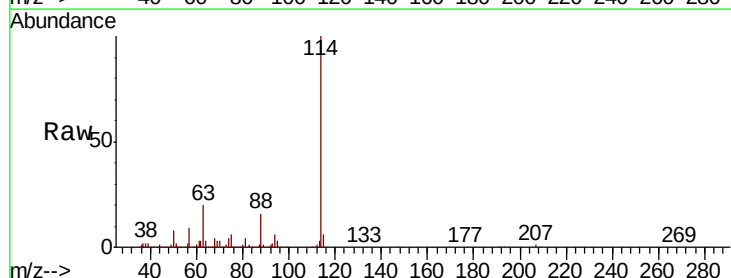
Tgt Ion: 114 Resp: 274164

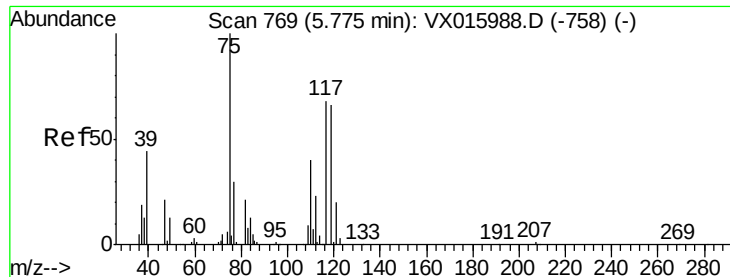
Ion Ratio Lower Upper

114 100

63 21.0 17.1 25.7

88 16.1 13.0 19.4





#29

1,1-Dichloropropene

Concen: 108.182 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX015990.D

Acq: 30 Apr 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

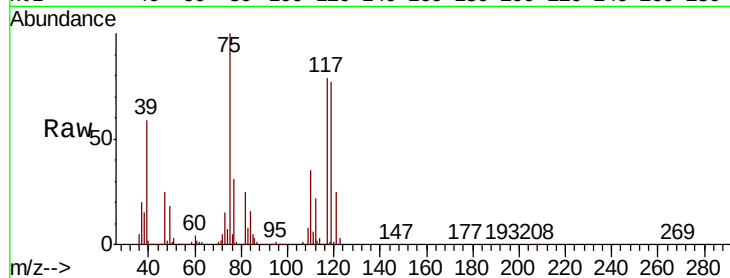
Tot Ion: 75 Resp: 452287

Ion Ratio Lower Upper

75 100

110 35.4 0.0 71.0

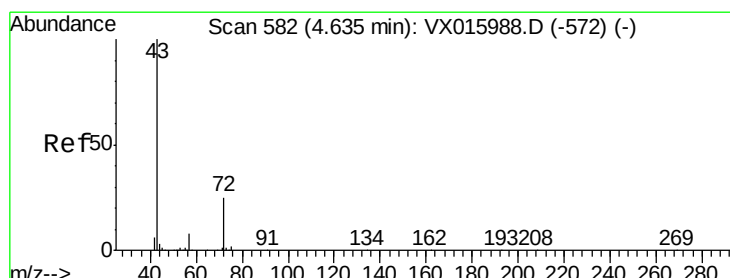
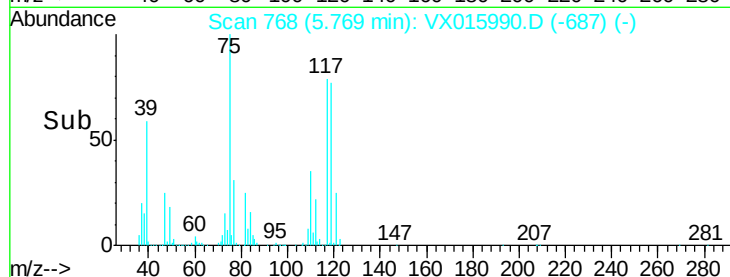
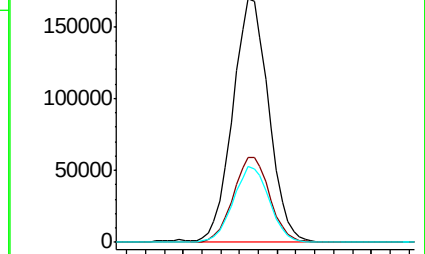
77 30.9 0.0 64.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 542.891 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX015990.D

Acq: 30 Apr 2020 11:39

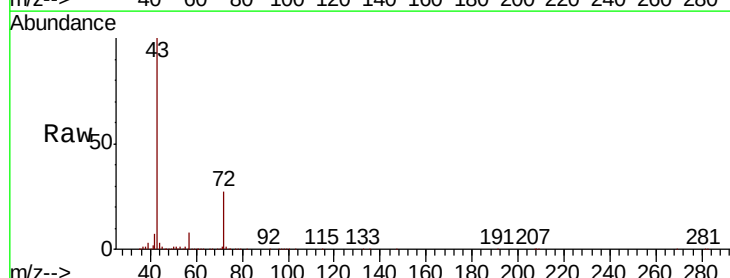
Tgt Ion: 43 Resp: 1351959

Ion Ratio Lower Upper

43 100

57 8.3 6.3 9.5

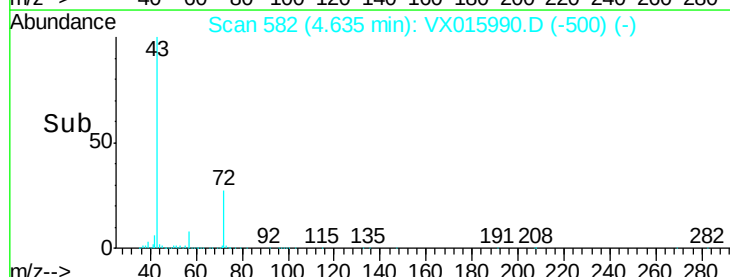
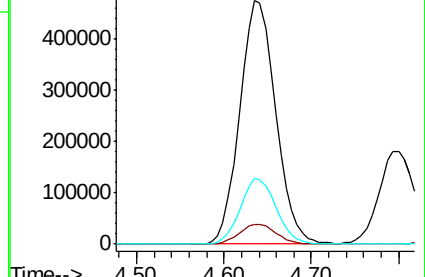
72 26.8 20.8 31.2

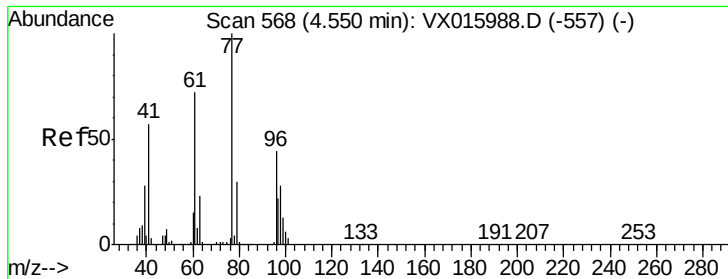


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 107.263 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX015990.D

Acq: 30 Apr 2020 11:39

Instrument :

MSVOA_X

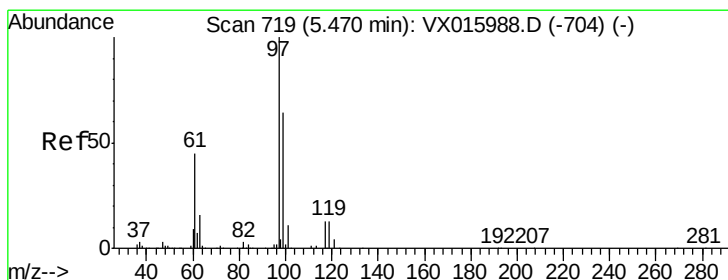
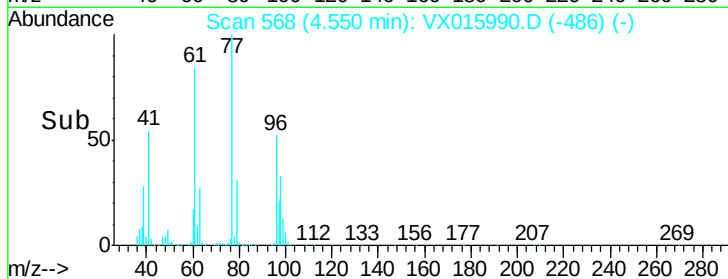
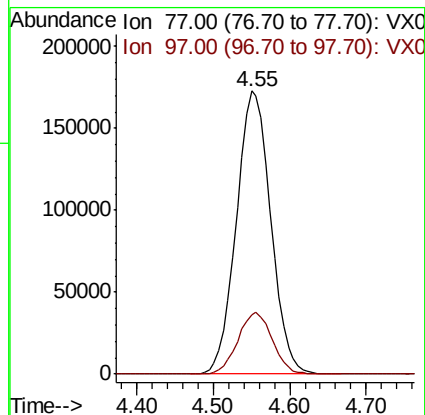
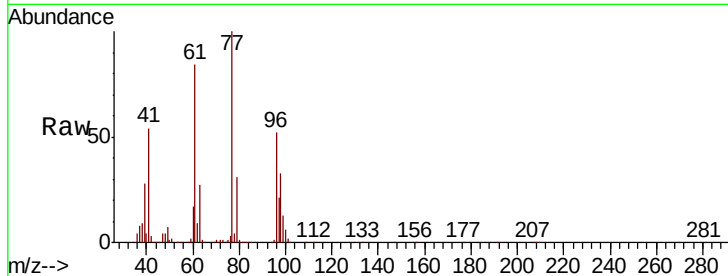
ClientSampleId :

Tot Ion: 77 Resp: 539276

Ion Ratio Lower Upper

77 100

97 22.0 17.8 26.8



#32

1,1,1-Trichloroethane

Concen: 107.895 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX015990.D

Acq: 30 Apr 2020 11:39

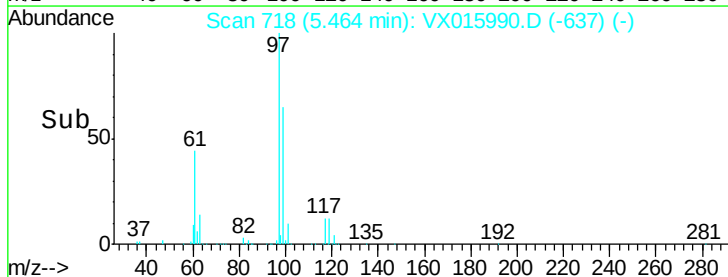
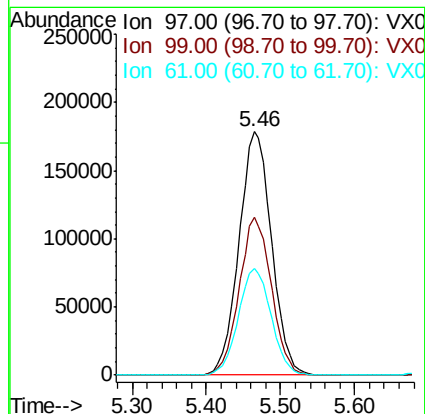
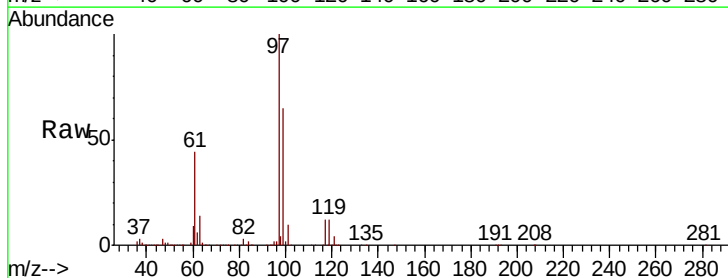
Tgt Ion: 97 Resp: 548065

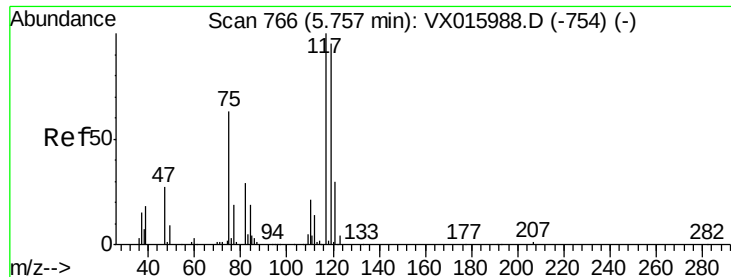
Ion Ratio Lower Upper

97 100

99 64.2 50.7 76.1

61 44.2 35.9 53.9





#33

Carbon Tetrachloride

Concen: 105.355 ug/l

RT: 5.76 min Scan# 766

Delta R.T. -0.00 min

Lab File: VX015990.D

Acq: 30 Apr 2020 11:39

Instrument :

MSVOA_X

ClientSampled :

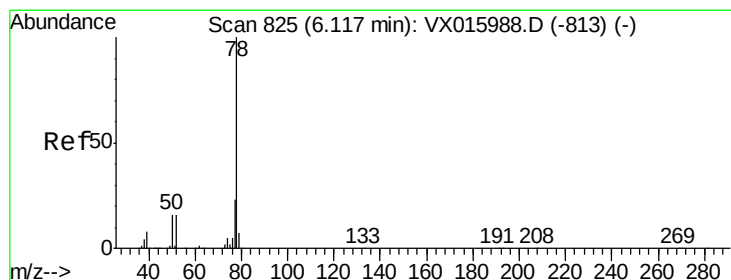
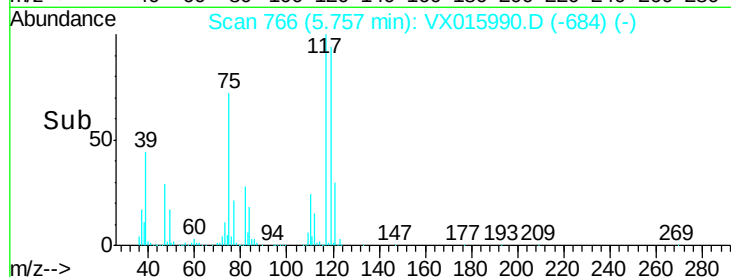
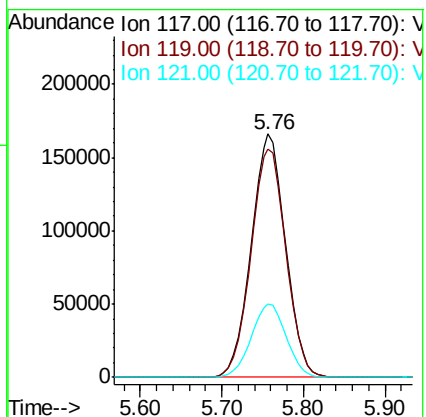
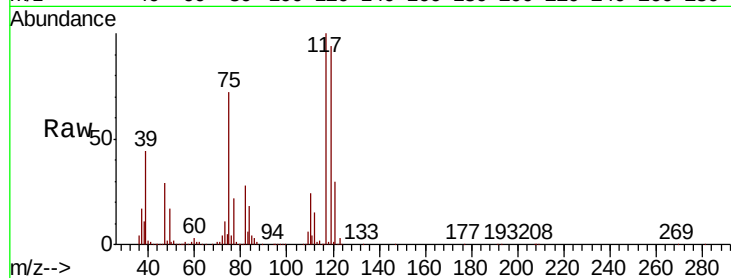
Tot Ion:117 Resp: 484966

Ion Ratio Lower Upper

117 100

119 94.0 76.3 114.5

121 29.9 24.2 36.4



#34

Benzene

Concen: 108.682 ug/l

RT: 6.12 min Scan# 825

Delta R.T. -0.00 min

Lab File: VX015990.D

Acq: 30 Apr 2020 11:39

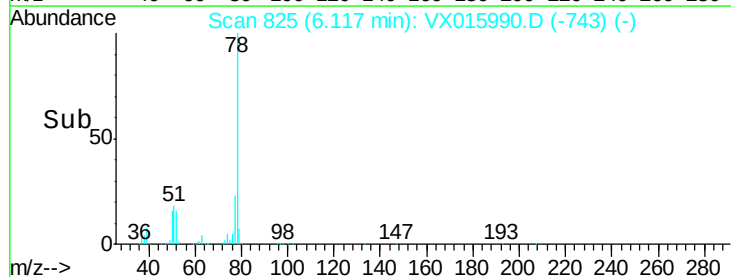
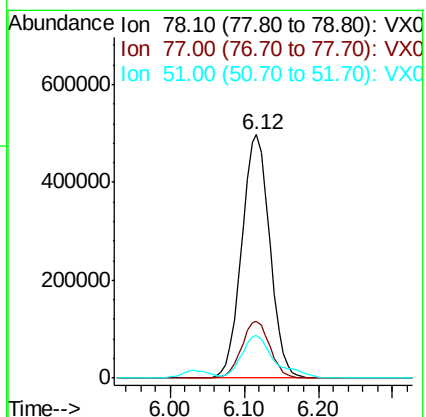
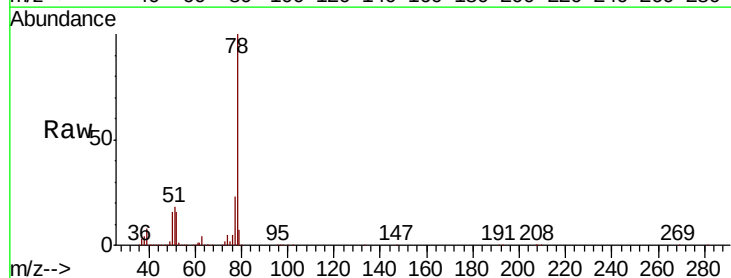
Tgt Ion: 78 Resp: 1314848

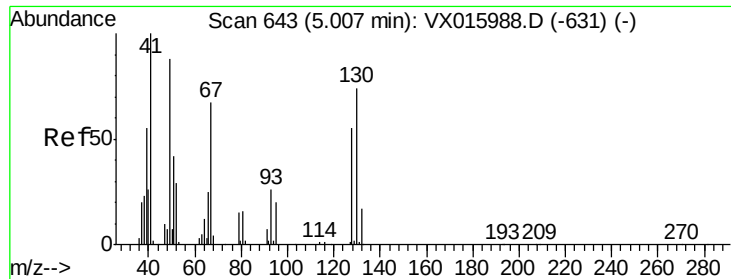
Ion Ratio Lower Upper

78 100

77 23.5 18.7 28.1

51 17.5 12.7 19.1

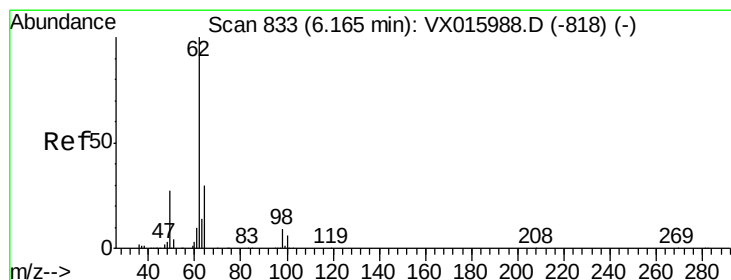
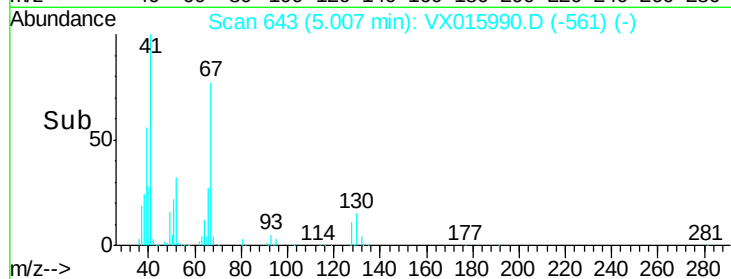
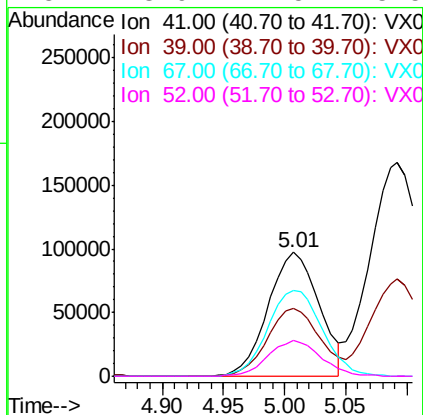
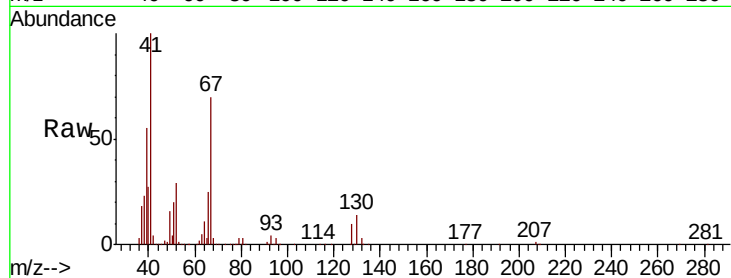




#35
Methacrylonitrile
Concen: 102.377 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX015990.D
Acq: 30 Apr 2020 11:39

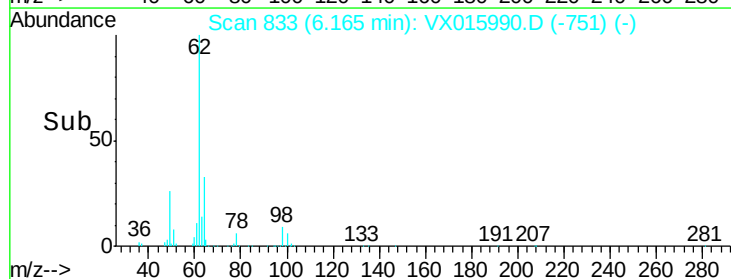
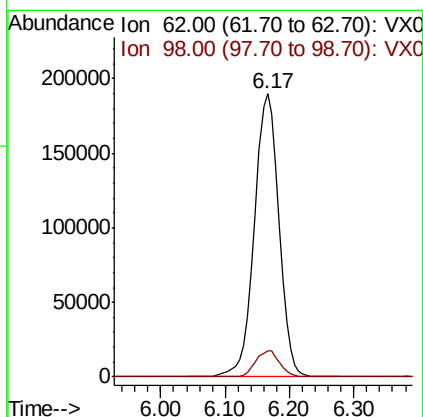
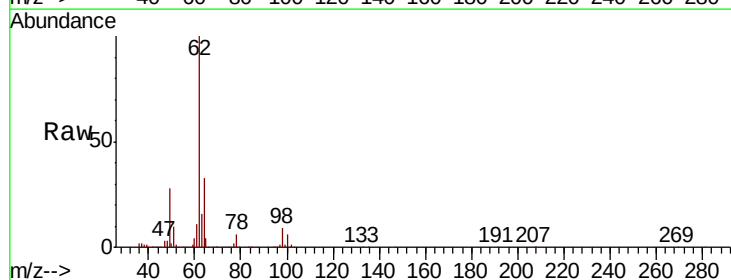
Instrument :
MSVOA_X
ClientSampled :

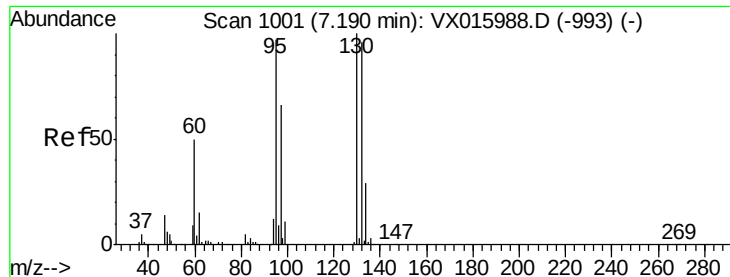
Tot Ion:	41	Resp:	282317
Ion	Ratio	Lower	Upper
41	100		
39	55.3	27.5	82.4
67	69.9	33.6	100.6
52	28.9	14.5	43.5



#36
1,2-Dichloroethane
Concen: 107.373 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX015990.D
Acq: 30 Apr 2020 11:39

Tgt Ion:	62	Resp:	496273
Ion	Ratio	Lower	Upper
62	100		
98	9.1	7.4	11.2

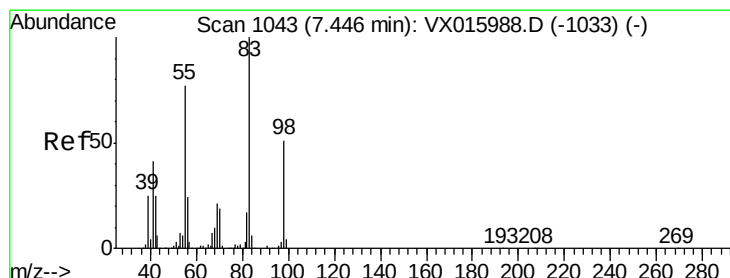
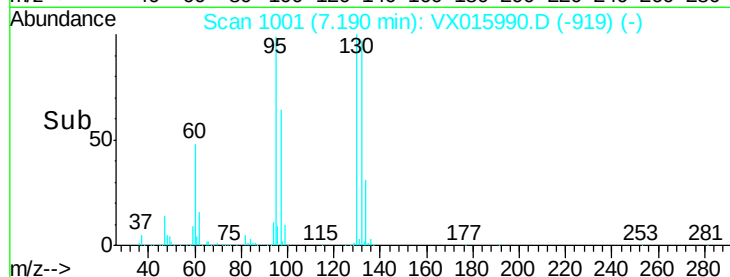
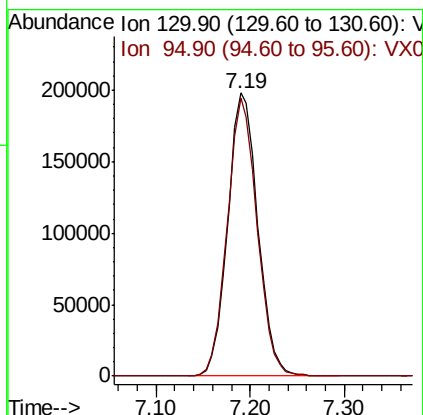
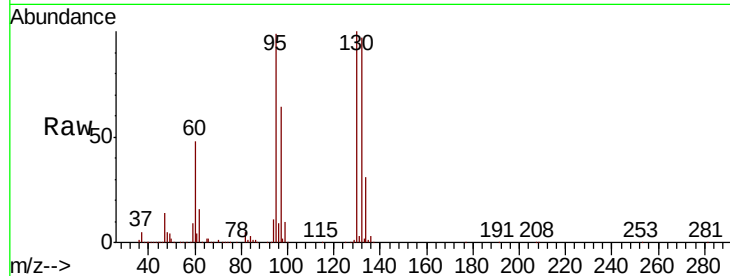




#37
 Trichloroethene
 Concen: 115.384 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX015990.D
 Acq: 30 Apr 2020 11:39

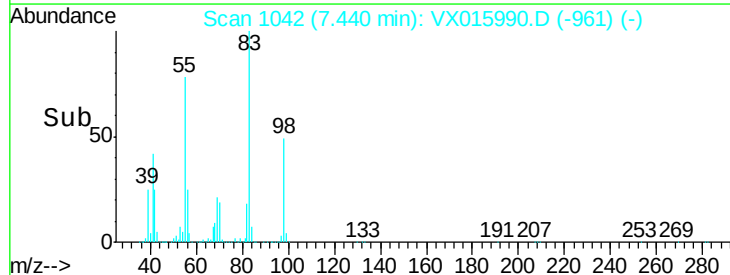
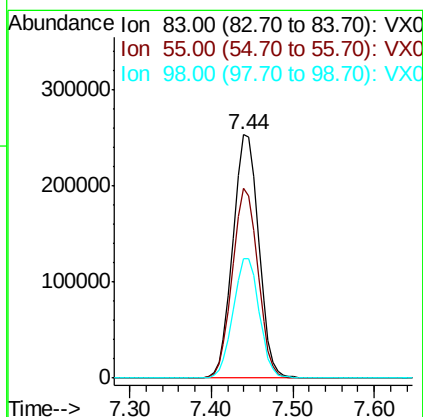
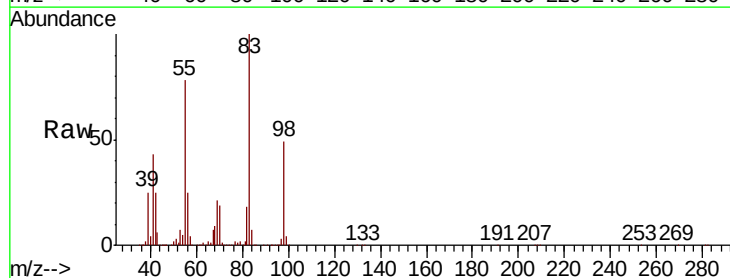
Instrument :
 MSVOA_X
 ClientSampleId :

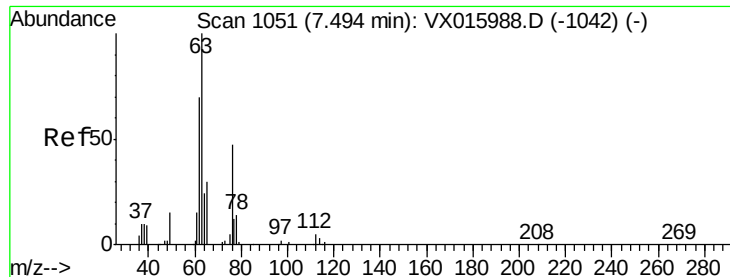
Tot Ion:130 Resp: 440111
 Ion Ratio Lower Upper
 130 100
 95 98.5 77.8 116.8



#38
 Methylcyclohexane
 Concen: 108.208 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX015990.D
 Acq: 30 Apr 2020 11:39

Tgt Ion: 83 Resp: 552222
 Ion Ratio Lower Upper
 83 100
 55 77.0 38.8 116.4
 98 49.7 25.1 75.3

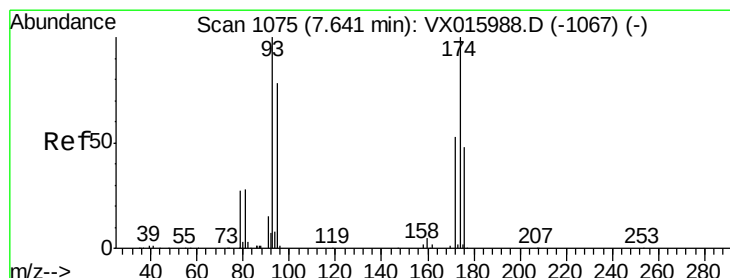
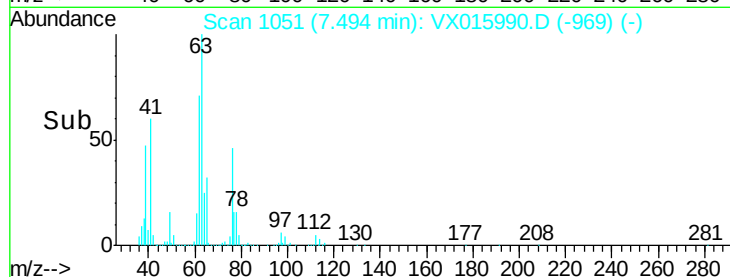
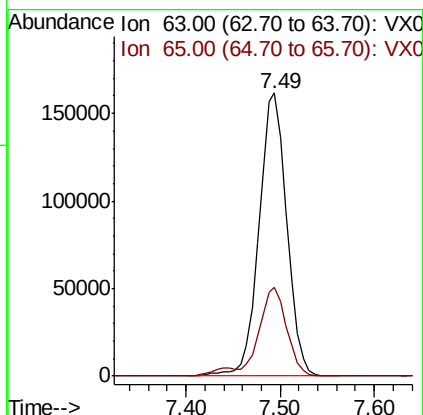
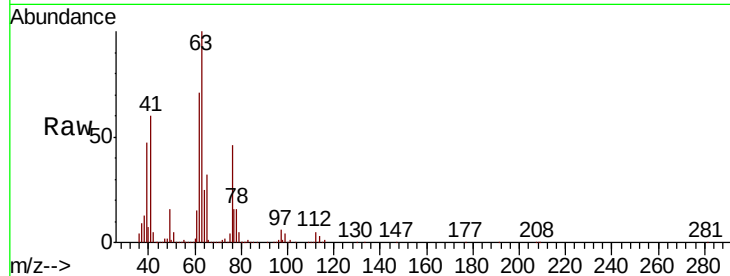




#39
 1,2-Dichloropropane
 Concen: 105.115 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VX015990.D
 Acq: 30 Apr 2020 11:39

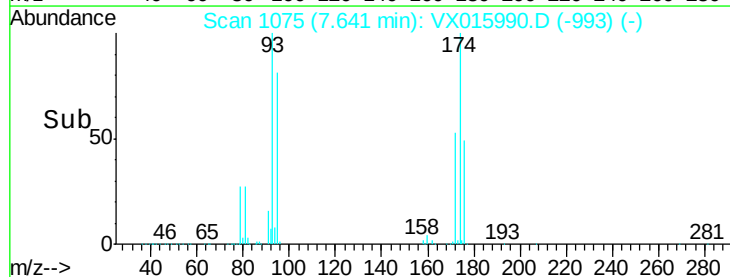
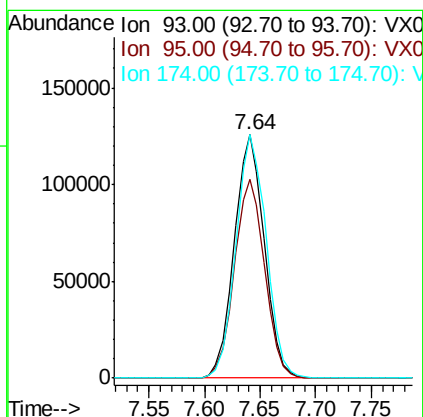
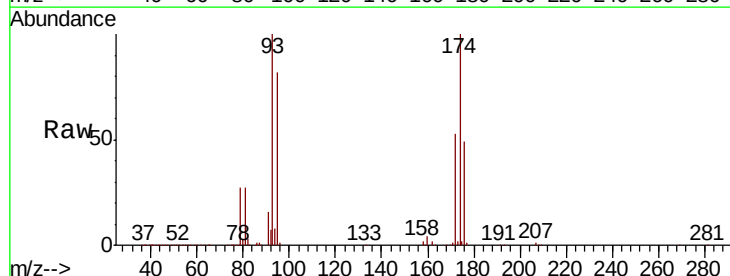
Instrument :
 MSVOA_X
 ClientSampleId :

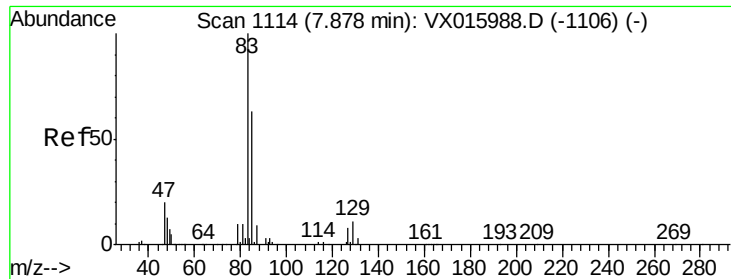
Tot Ion: 63 Resp: 335384
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.9 38.9



#40
 Dibromomethane
 Concen: 108.100 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX015990.D
 Acq: 30 Apr 2020 11:39

Tgt Ion: 93 Resp: 234116
 Ion Ratio Lower Upper
 93 100
 95 82.5 0.0 162.8
 174 101.1 0.0 204.0





#41

Bromodichloromethane

Concen: 106.635 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX015990.D

Acq: 30 Apr 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

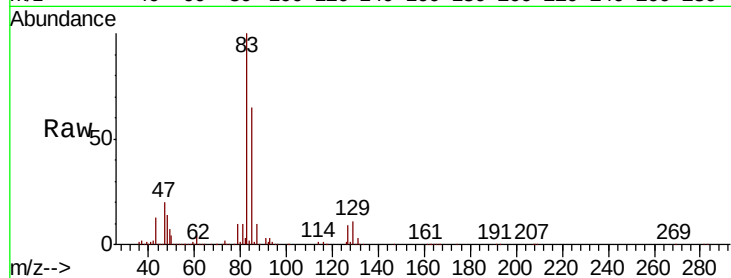
Tot Ion: 83 Resp: 489018

Ion Ratio Lower Upper

83 100

85 64.7 50.4 75.6

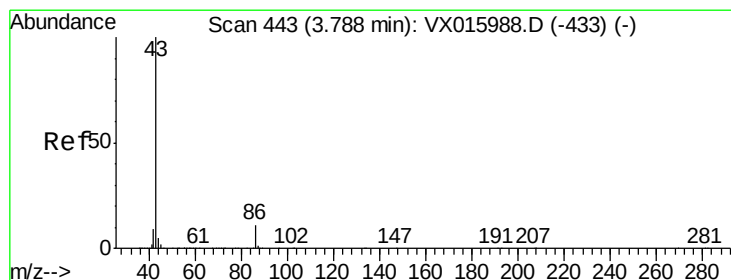
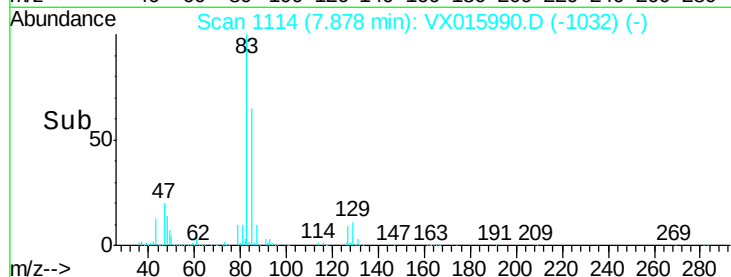
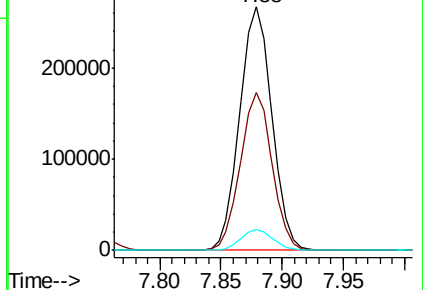
127 8.7 6.7 10.1



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 508.763 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX015990.D

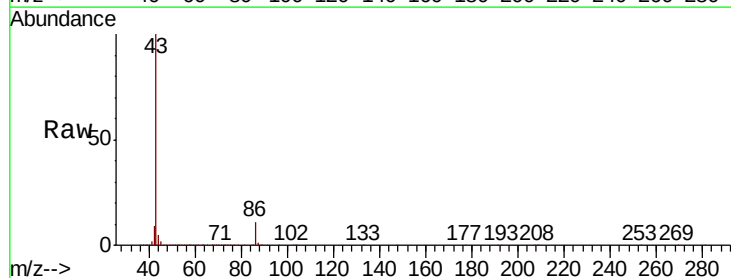
Acq: 30 Apr 2020 11:39

Tgt Ion: 43 Resp: 4487994

Ion Ratio Lower Upper

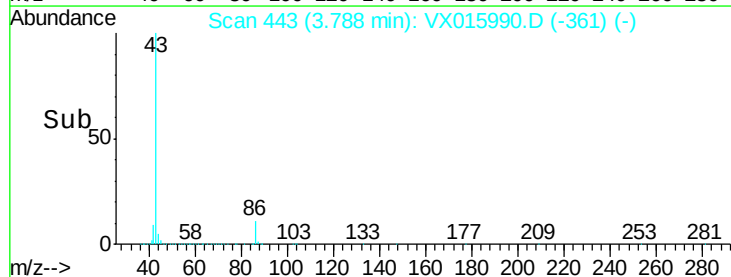
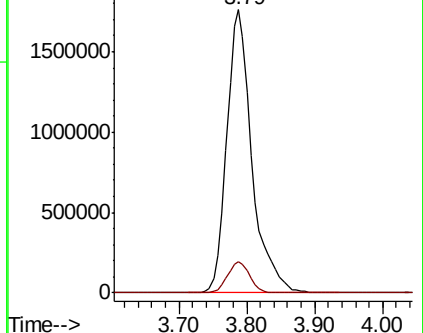
43 100

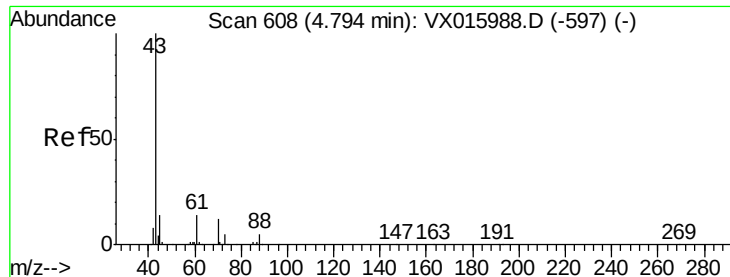
86 9.9 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

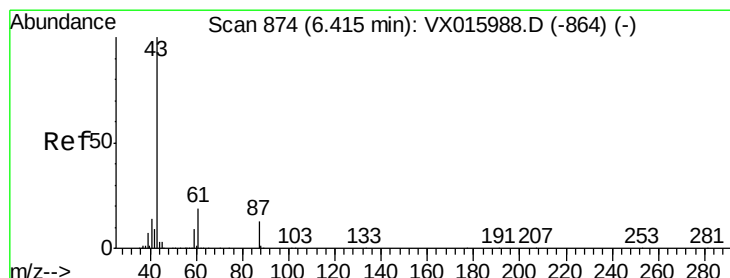
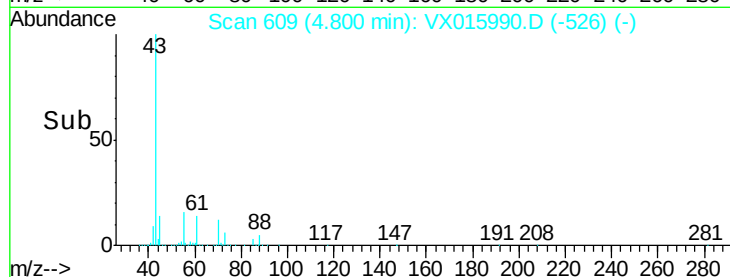
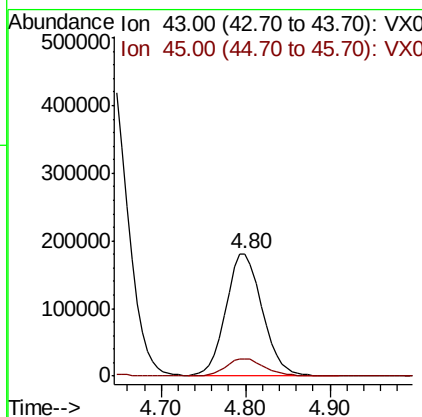
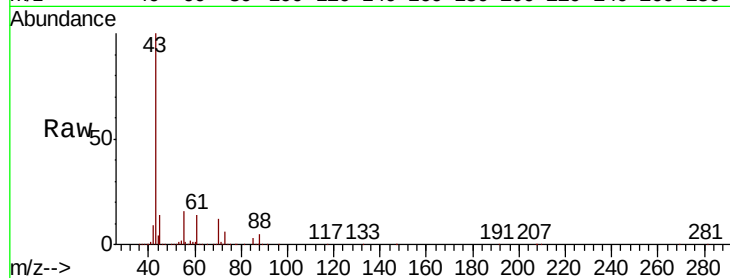




#43
Ethyl Acetate
Concen: 99.481 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX015990.D
Acq: 30 Apr 2020 11:39

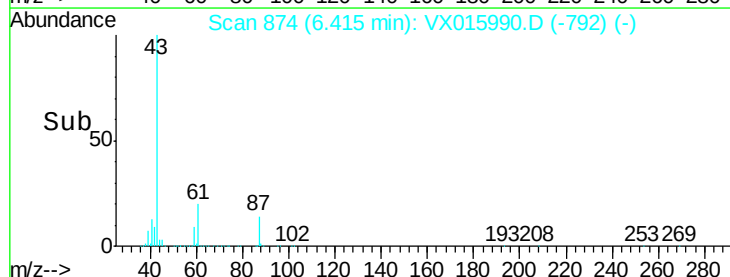
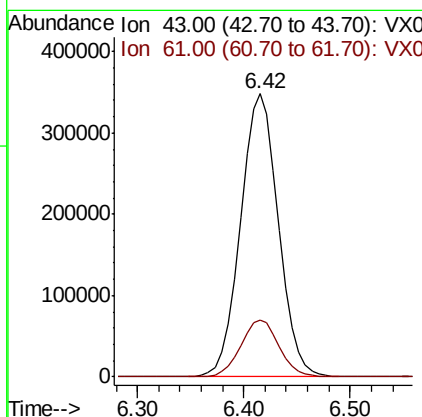
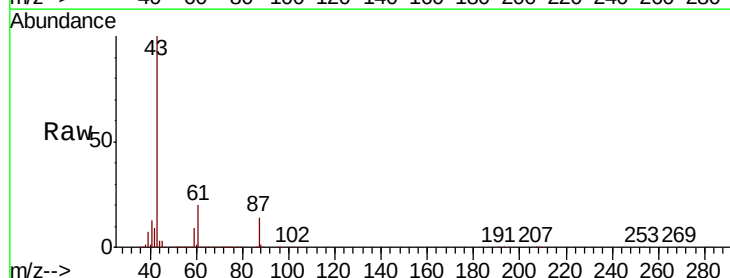
Instrument :
MSVOA_X
ClientSampleId :

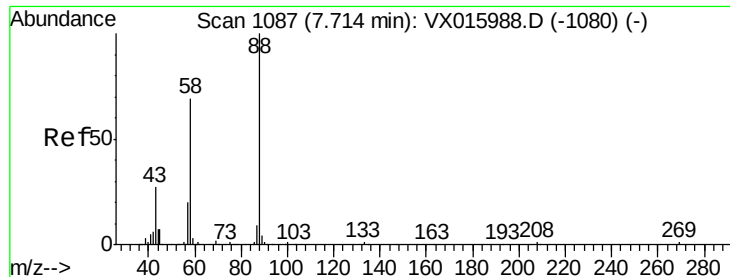
Tot Ion: 43 Resp: 533800
Ion Ratio Lower Upper
43 100
45 14.8 11.9 17.9



#44
Isopropyl Acetate
Concen: 102.360 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX015990.D
Acq: 30 Apr 2020 11:39

Tgt Ion: 43 Resp: 861950
Ion Ratio Lower Upper
43 100
61 20.4 16.1 24.1





#45

1,4-Dioxane

Concen: 2181.266 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX015990.D

Acq: 30 Apr 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

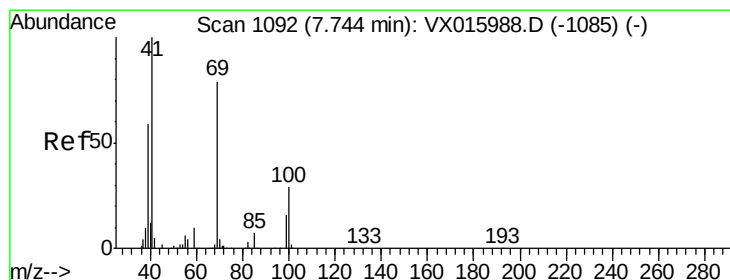
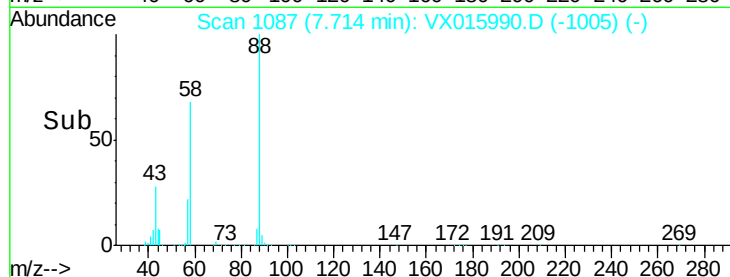
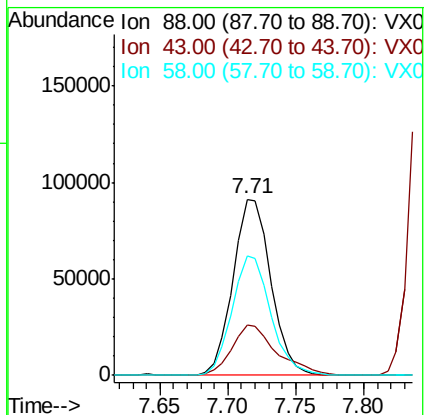
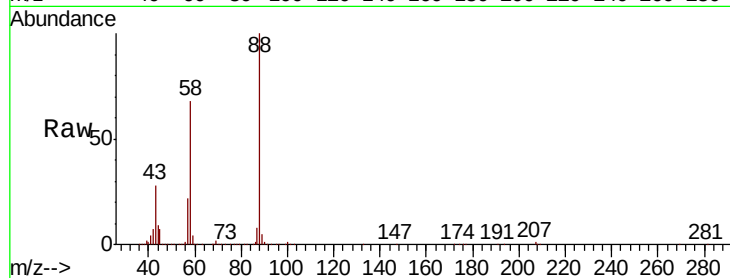
Tot Ion: 88 Resp: 177264

Ion Ratio Lower Upper

88 100

43 33.2 26.3 39.5

58 69.9 57.0 85.6



#46

Methyl methacrylate

Concen: 100.664 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX015990.D

Acq: 30 Apr 2020 11:39

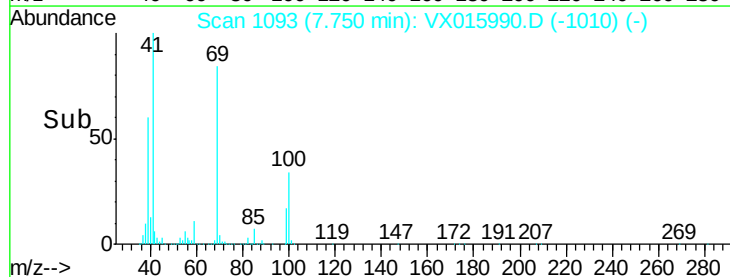
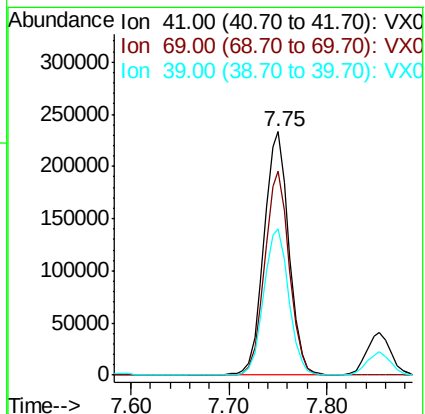
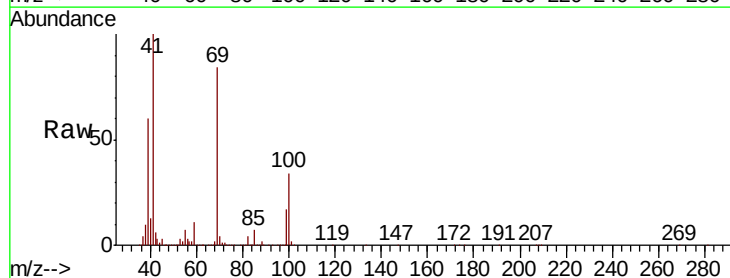
Tgt Ion: 41 Resp: 414658

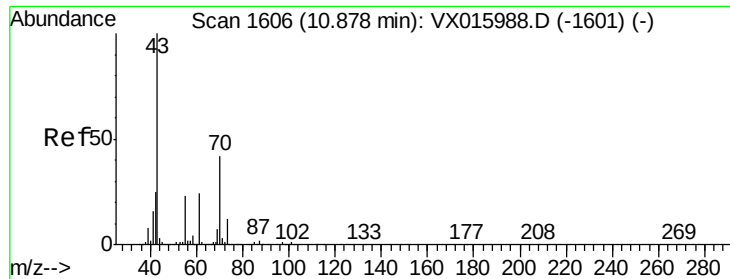
Ion Ratio Lower Upper

41 100

69 83.6 39.5 118.5

39 60.3 29.6 88.9





#47

n-amvl Acetate

Concen: 105.043 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX015990.D

Acq: 30 Apr 2020 11:39

Instrument :

MSVOA_X

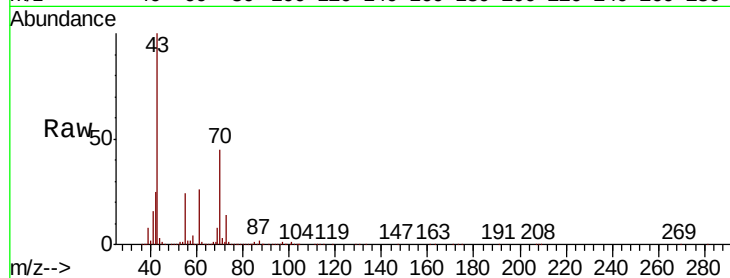
ClientSampleId :

Tot Ion: 43 Resp: 768726

Ion Ratio Lower Upper

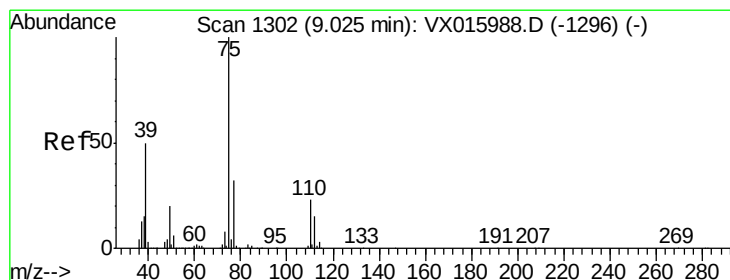
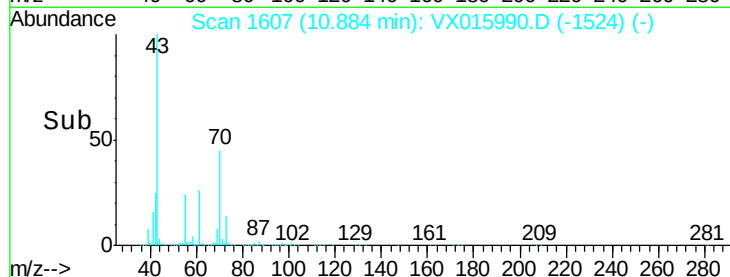
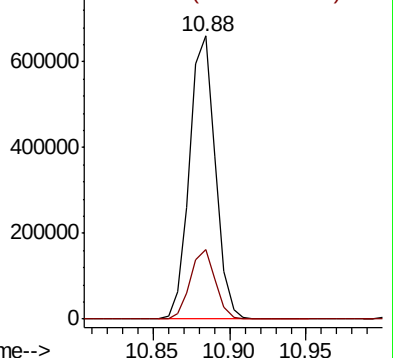
43 100

55 24.0 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 108.172 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX015990.D

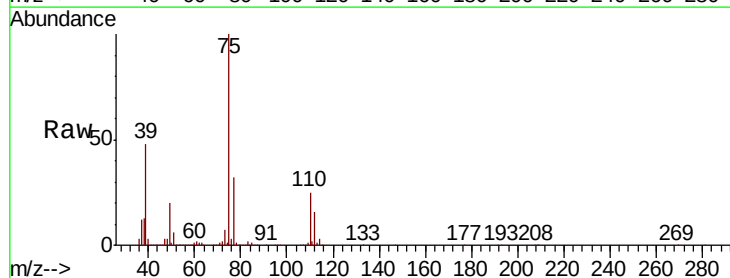
Acq: 30 Apr 2020 11:39

Tgt Ion: 75 Resp: 573557

Ion Ratio Lower Upper

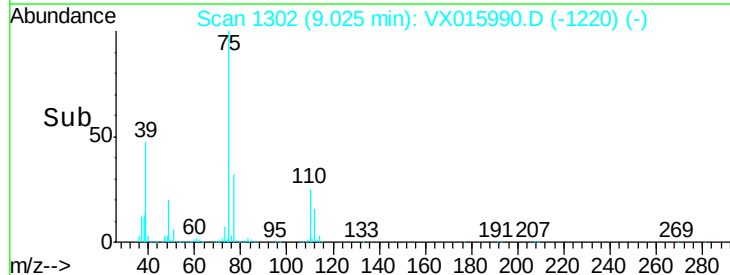
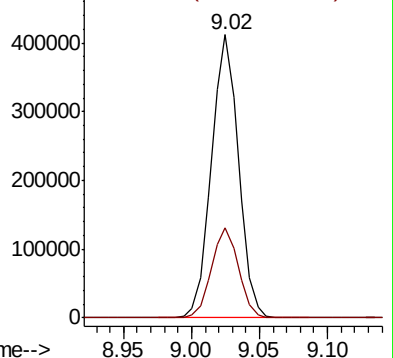
75 100

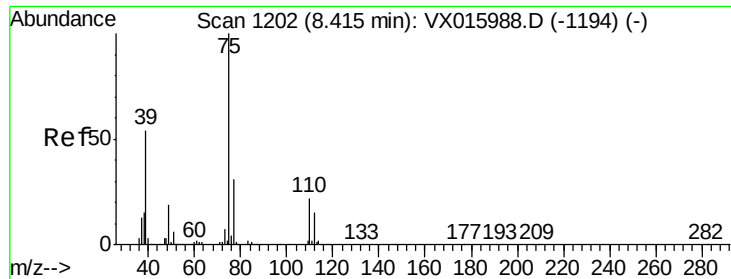
77 31.8 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



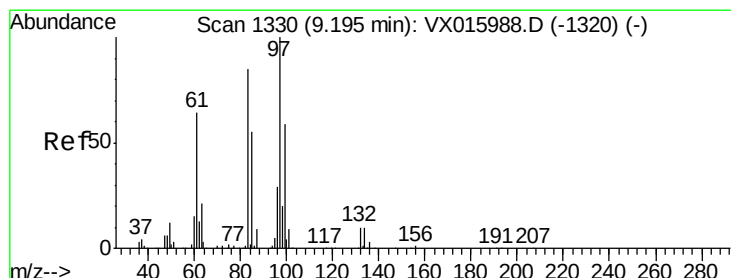
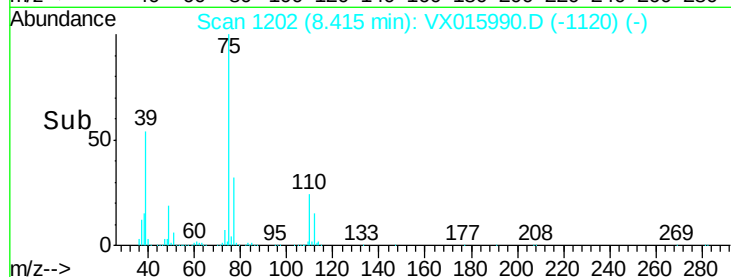
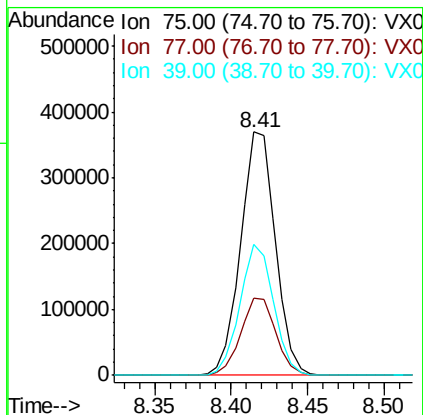
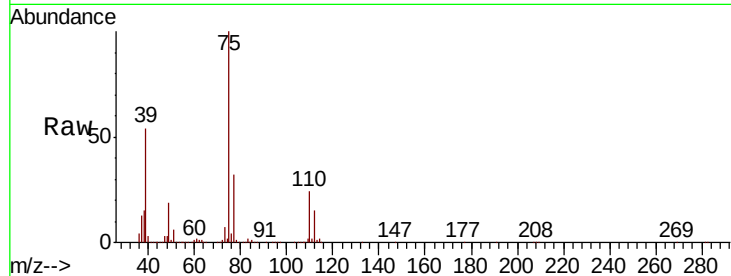


#49

cis-1,3-Dichloropropene
 Concen: 106.334 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX015990.D
 Acq: 30 Apr 2020 11:39

Instrument :
 MSVOA_X
 ClientSampled :

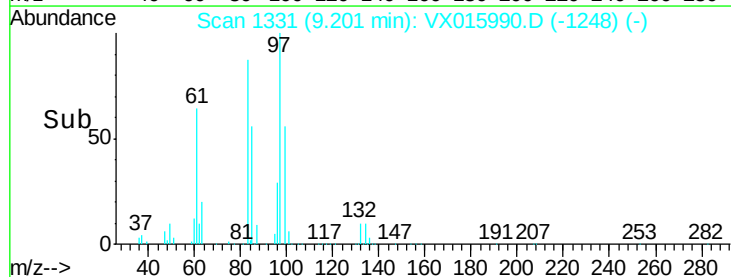
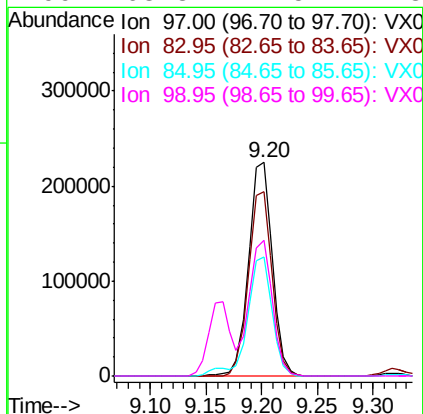
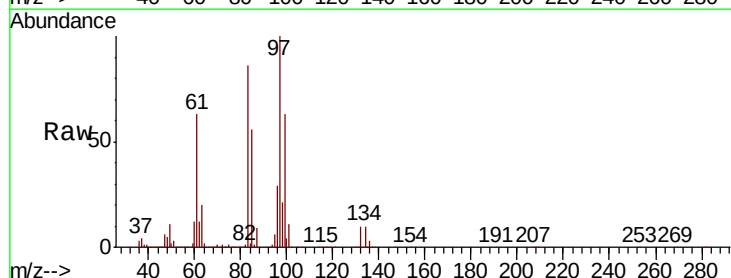
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.0	37.6
39	54.0	43.2	64.8

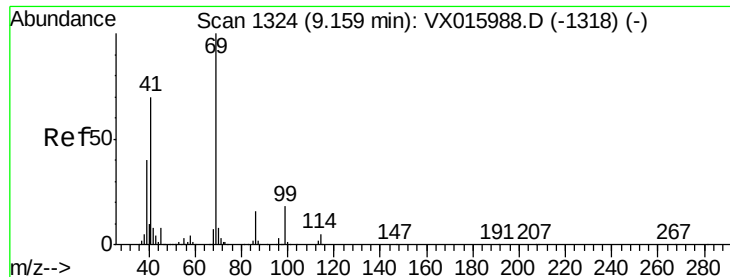


#50

1,1,2-Trichloroethane
 Concen: 108.581 ug/l
 RT: 9.20 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VX015990.D
 Acq: 30 Apr 2020 11:39

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.0	67.7	101.5
85	55.5	43.7	65.5
99	63.3	47.5	71.3





#51

Ethyl methacrylate

Concen: 109.665 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

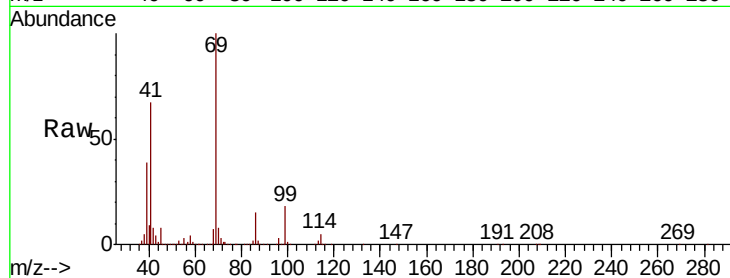
Lab File: VX015990.D

Acq: 30 Apr 2020 11:39

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 69 Resp: 568411

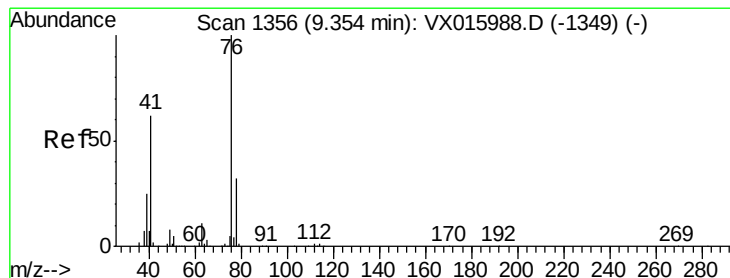
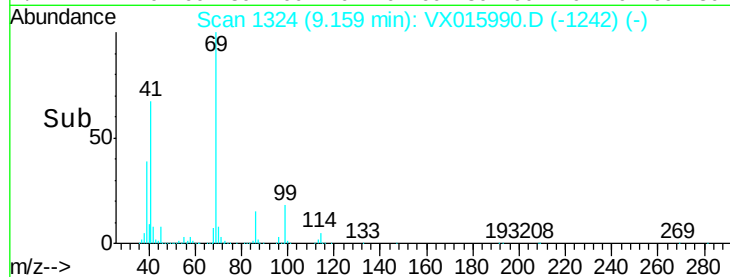
Ion	Ratio	Lower	Upper
69	100		
41	67.0	34.8	104.4
39	39.3	19.8	59.4



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 107.223 ug/l

RT: 9.35 min Scan# 1356

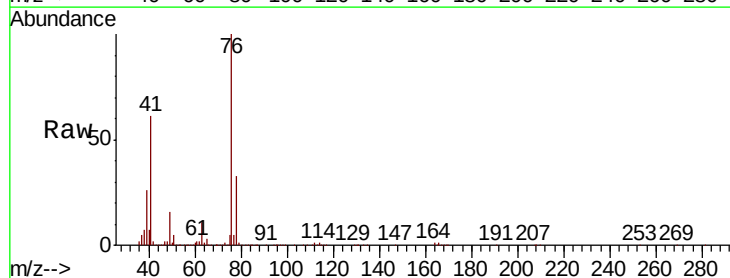
Delta R.T. -0.00 min

Lab File: VX015990.D

Acq: 30 Apr 2020 11:39

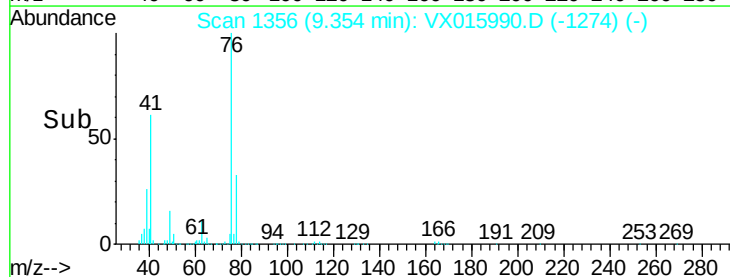
Tgt Ion: 76 Resp: 569084

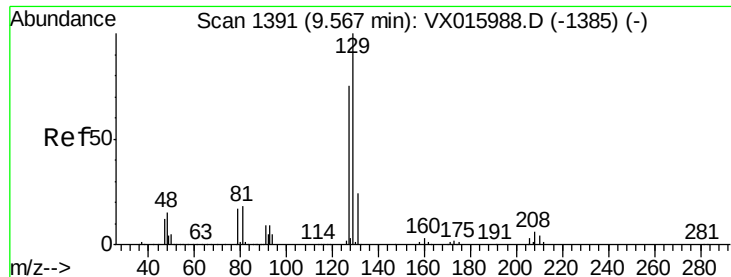
Ion	Ratio	Lower	Upper
76	100		
78	32.5	0.0	64.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 105.028 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX015990.D

Acq: 30 Apr 2020 11:39

Instrument :

MSVOA_X

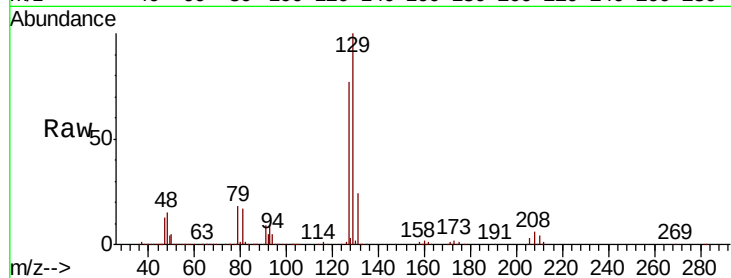
ClientSampleId :

Tot Ion:129 Resp: 386270

Ion Ratio Lower Upper

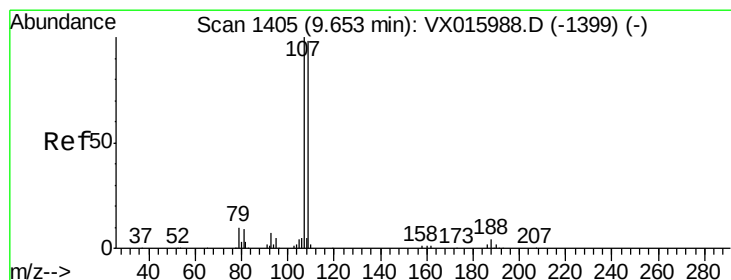
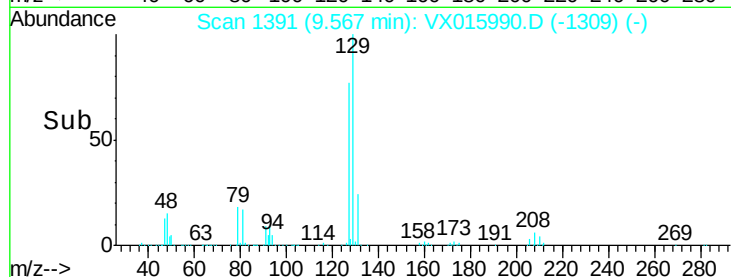
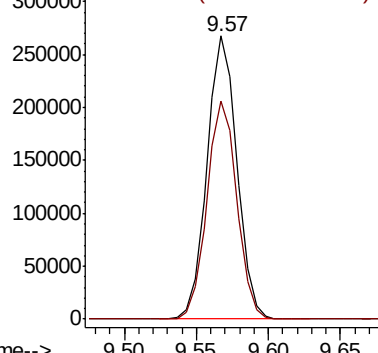
129 100

127 77.2 38.3 114.9



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 109.445 ug/l

RT: 9.66 min Scan# 1406

Delta R.T. 0.01 min

Lab File: VX015990.D

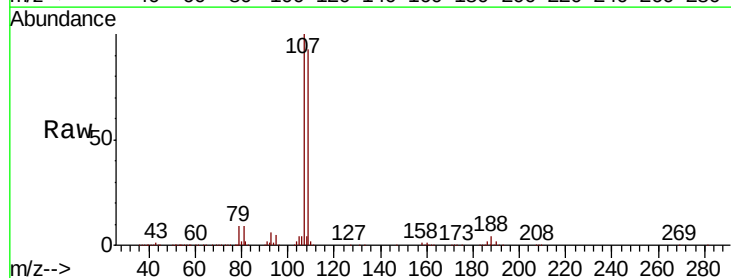
Acq: 30 Apr 2020 11:39

Tgt Ion:107 Resp: 364156

Ion Ratio Lower Upper

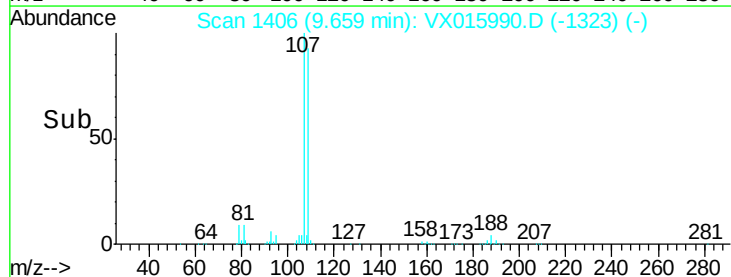
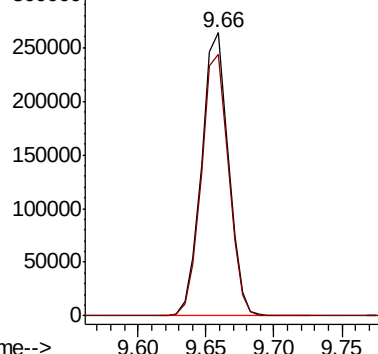
107 100

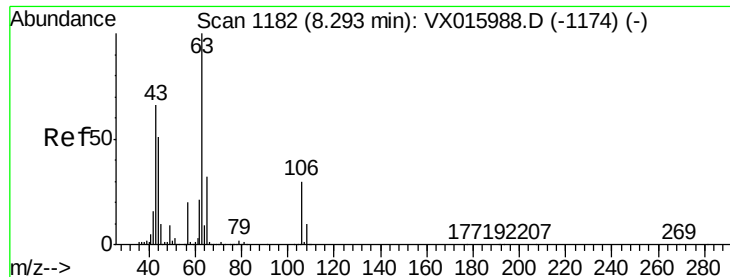
109 93.7 74.7 112.1



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 566.976 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX015990.D

Acq: 30 Apr 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

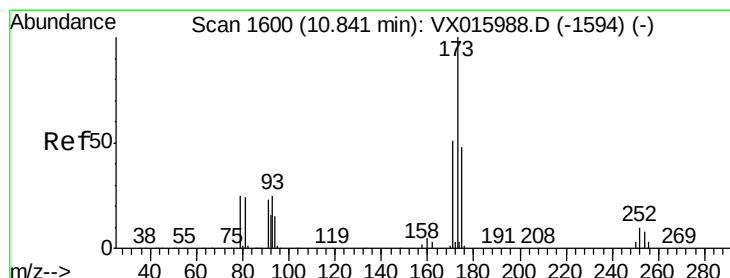
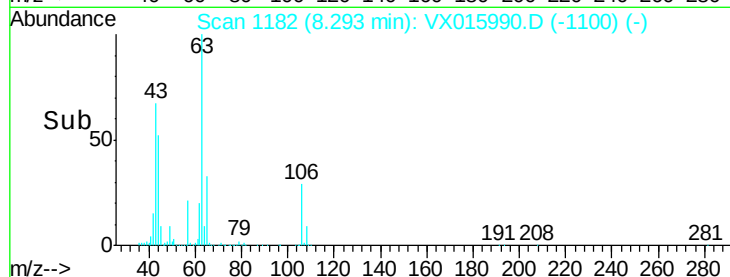
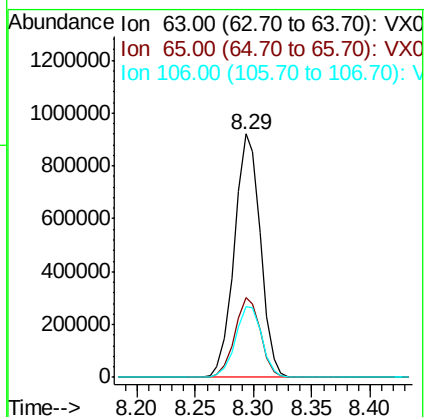
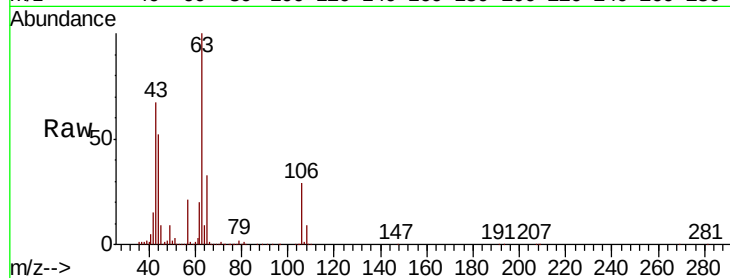
Tot Ion: 63 Resp: 1436220

Ion Ratio Lower Upper

63 100

65 32.3 25.6 38.4

106 29.4 23.4 35.0



#56

Bromoform

Concen: 103.023 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX015990.D

Acq: 30 Apr 2020 11:39

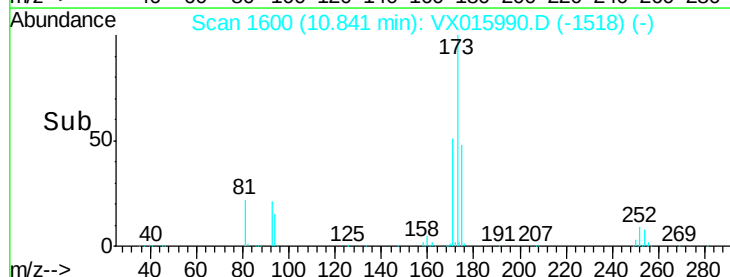
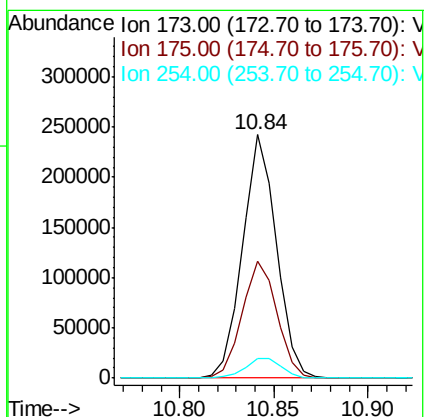
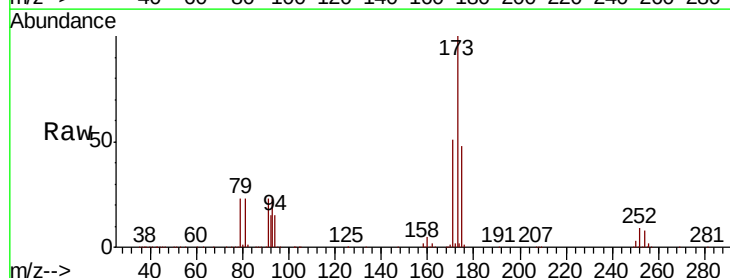
Tgt Ion:173 Resp: 301301

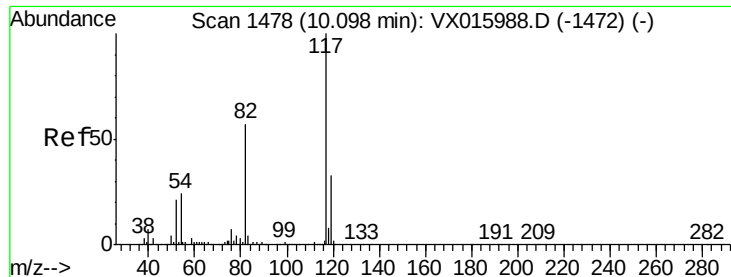
Ion Ratio Lower Upper

173 100

175 49.7 38.0 57.0

254 8.8 6.8 10.2

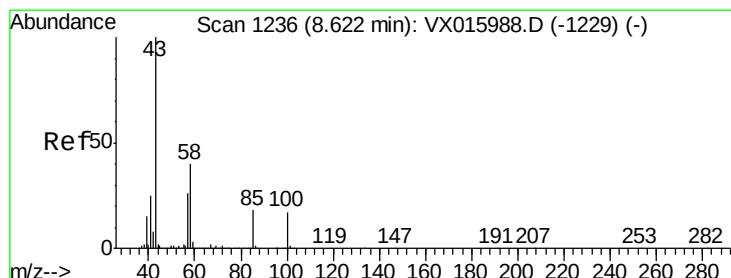
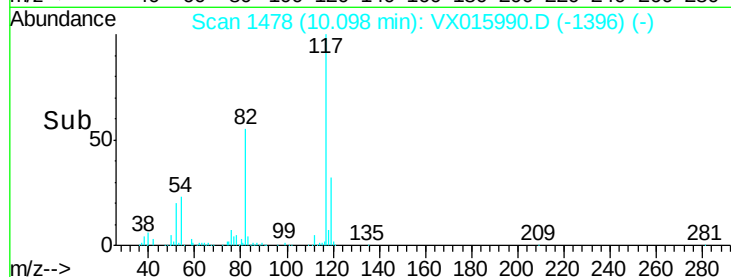
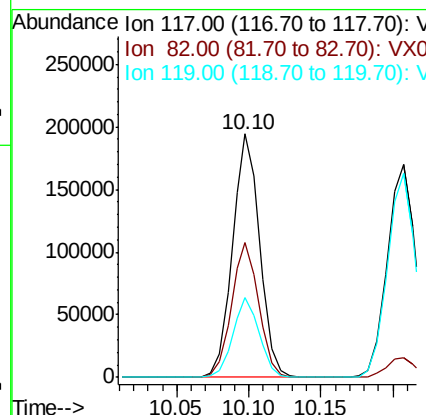
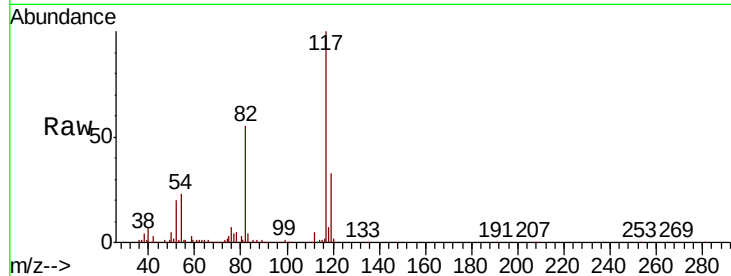




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX015990.D
Acq: 30 Apr 2020 11:39

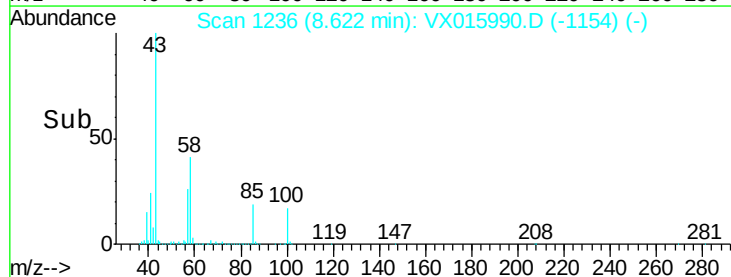
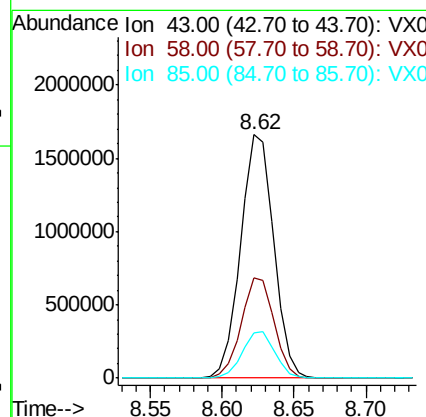
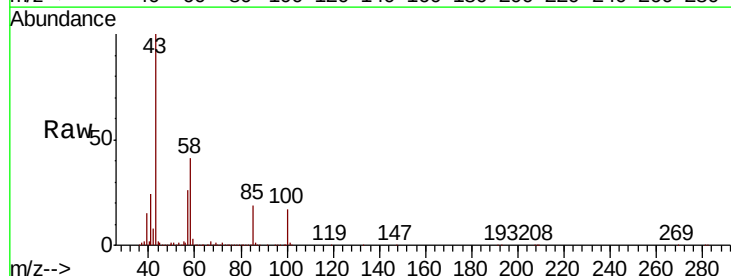
Instrument :
MSVOA_X
ClientSampled :

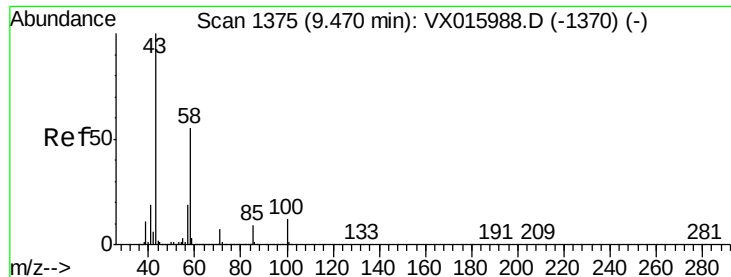
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	45.1	67.7
119	32.1	25.6	38.4



#58
4-Methyl-2-Pentanone
Concen: 544.034 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX015990.D
Acq: 30 Apr 2020 11:39

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.8	31.8	47.6
85	18.9	14.5	21.7

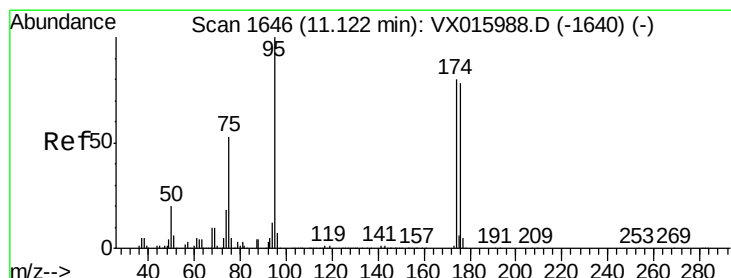
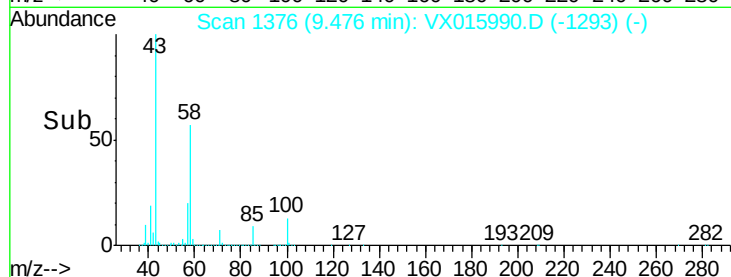
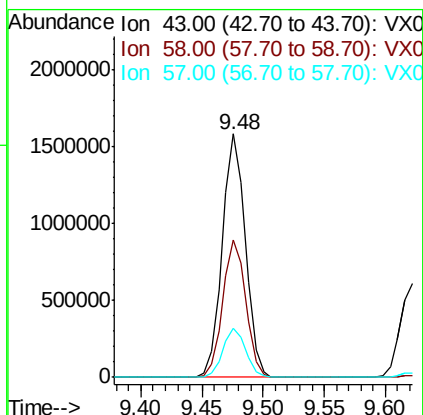
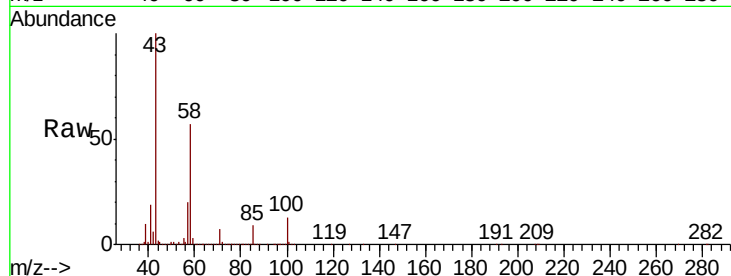




#59
2-Hexanone
Concen: 553.311 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX015990.D
Acq: 30 Apr 2020 11:39

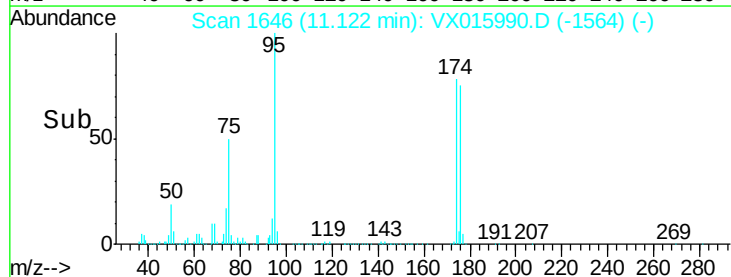
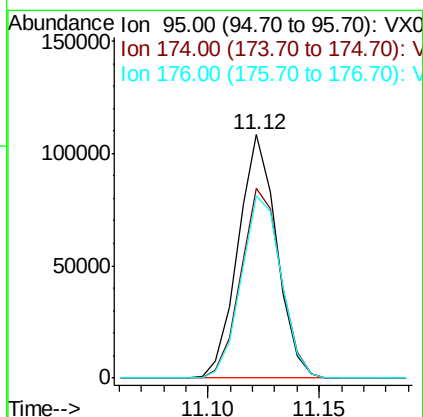
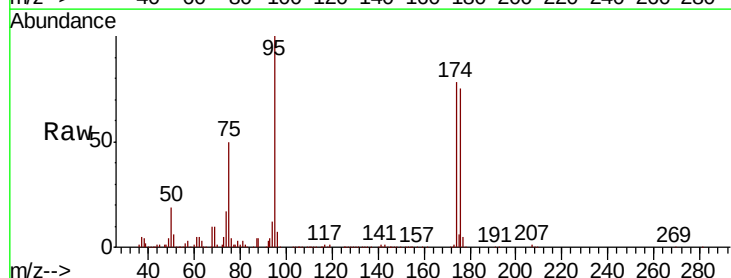
Instrument :
MSVOA_X
ClientSampleId :

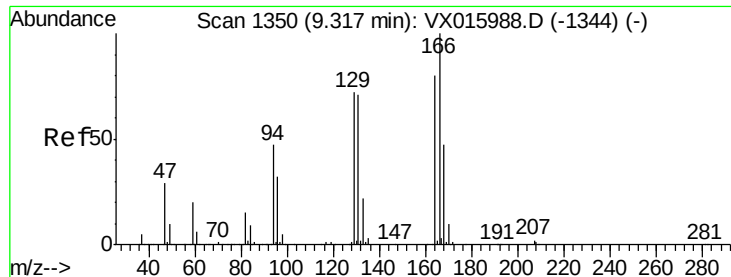
Tot Ion: 43 Resp: 2064962
Ion Ratio Lower Upper
43 100
58 56.6 44.0 66.0
57 20.0 15.5 23.3



#60
4-Bromofluorobenzene
Concen: 30.159 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX015990.D
Acq: 30 Apr 2020 11:39

Tgt Ion: 95 Resp: 130802
Ion Ratio Lower Upper
95 100
174 80.8 64.8 97.2
176 77.9 62.4 93.6





#61

Tetrachloroethene

Concen: 127.649 ug/l

RT: 9.32 min Scan# 1351

Delta R.T. 0.01 min

Lab File: VX015990.D

Acq: 30 Apr 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 510373

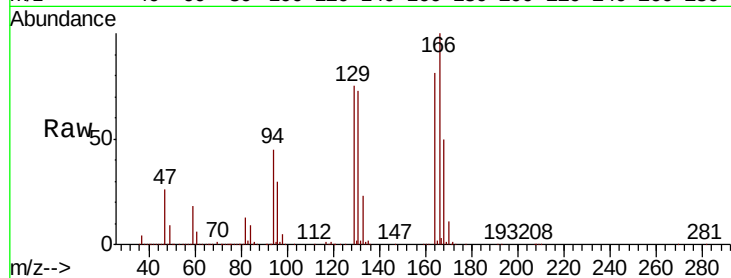
Ion Ratio Lower Upper

164 100

166 123.6 100.1 150.1

129 92.9 72.2 108.4

131 89.8 71.3 106.9

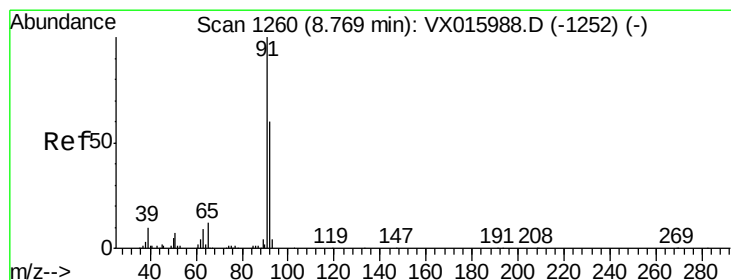
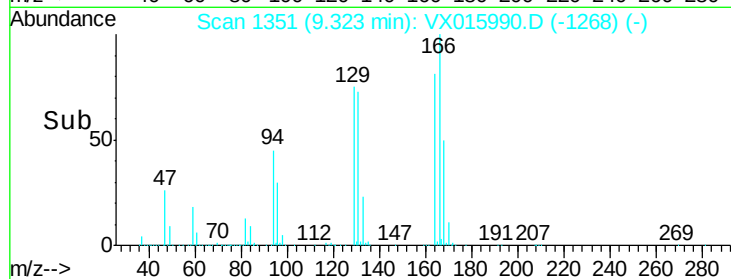
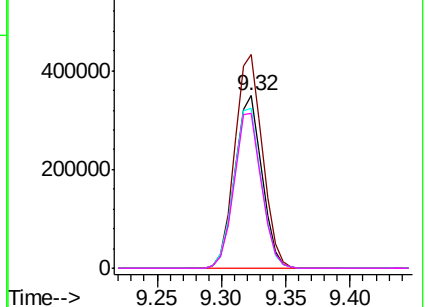


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 108.526 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX015990.D

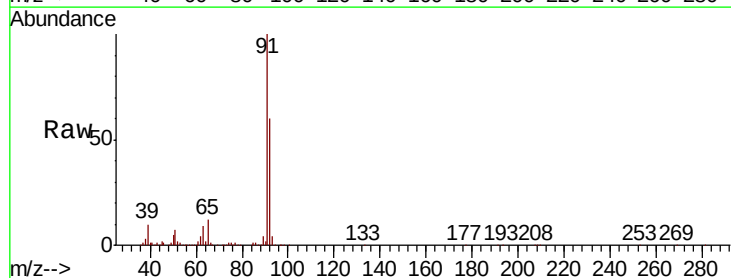
Acq: 30 Apr 2020 11:39

Tgt Ion: 91 Resp: 1422743

Ion Ratio Lower Upper

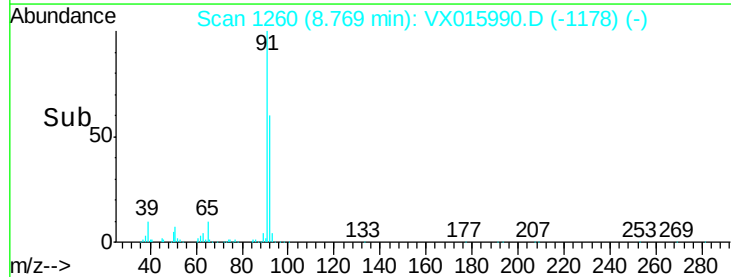
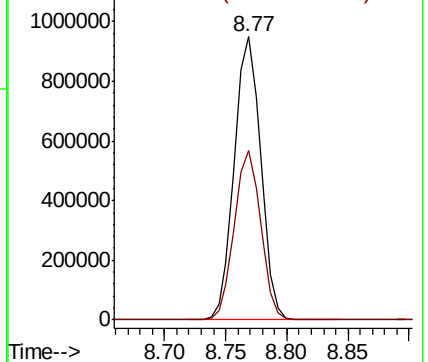
91 100

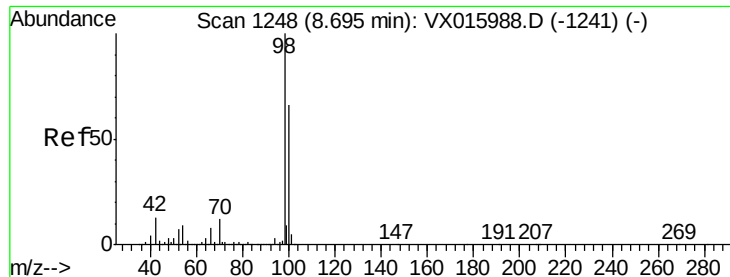
92 59.5 47.2 70.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.085 ug/l

RT: 8.70 min Scan# 1249

Delta R.T. 0.01 min

Lab File: VX015990.D

Acq: 30 Apr 2020 11:39

Instrument :

MSVOA_X

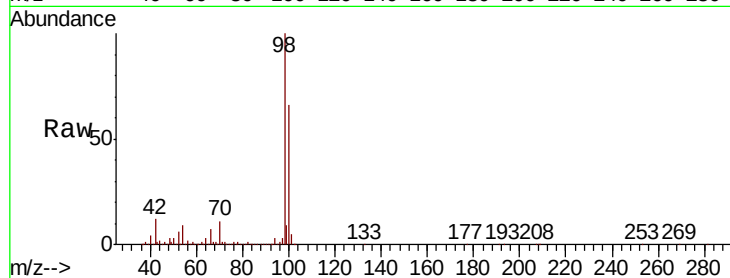
ClientSampleId :

Tot Ion: 98 Resp: 327826

Ion Ratio Lower Upper

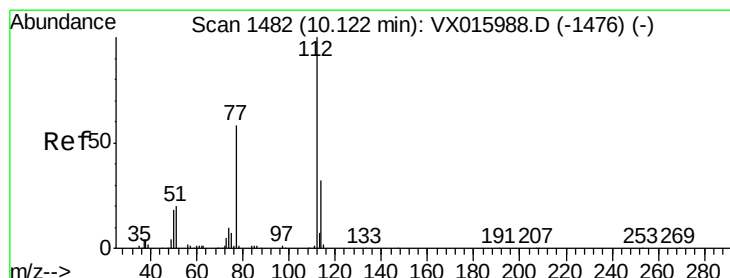
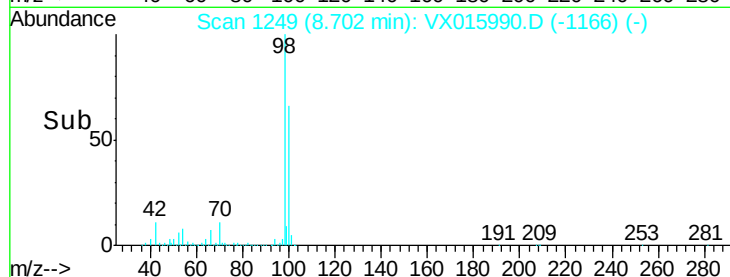
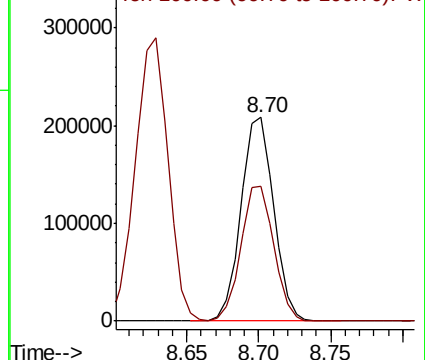
98 100

100 66.6 52.5 78.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#64

Chlorobenzene

Concen: 108.350 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX015990.D

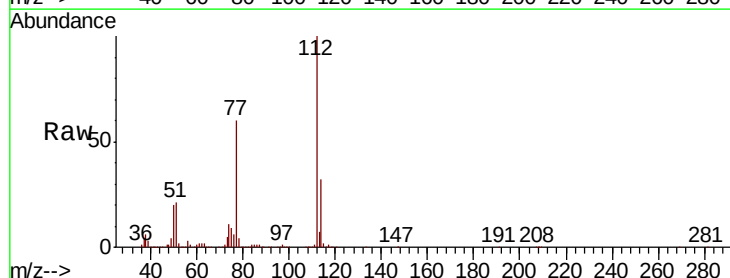
Acq: 30 Apr 2020 11:39

Tgt Ion: 112 Resp: 913078

Ion Ratio Lower Upper

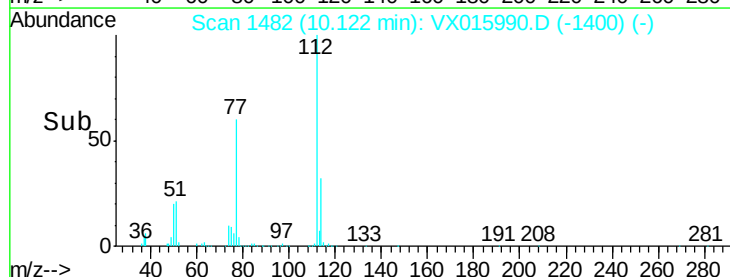
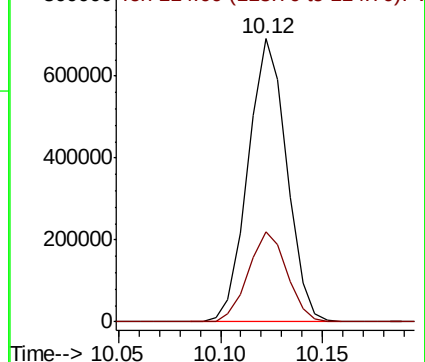
112 100

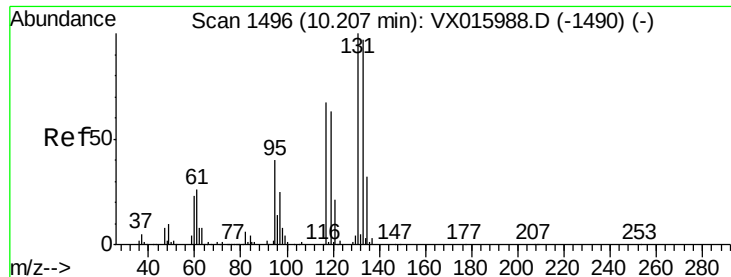
114 31.9 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 104.195 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX015990.D

Acq: 30 Apr 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

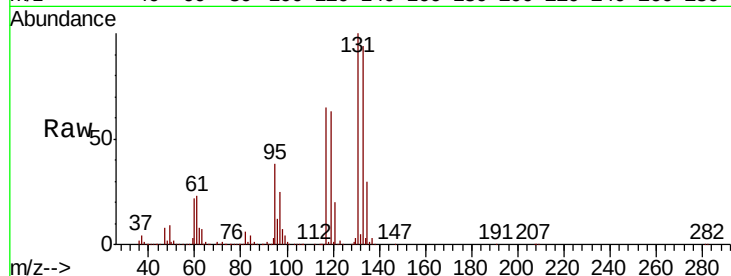
Tot Ion:131 Resp: 349461

Ion Ratio Lower Upper

131 100

133 94.9 0.0 187.0

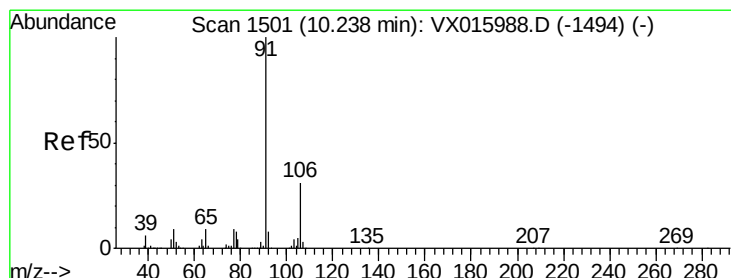
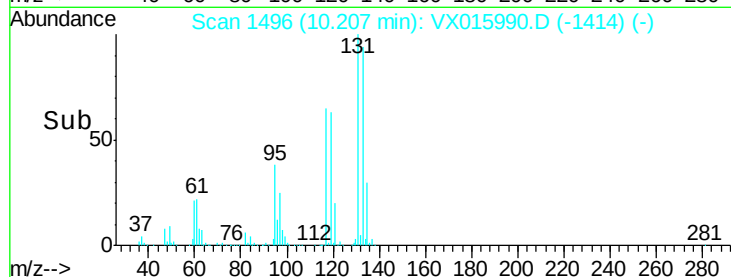
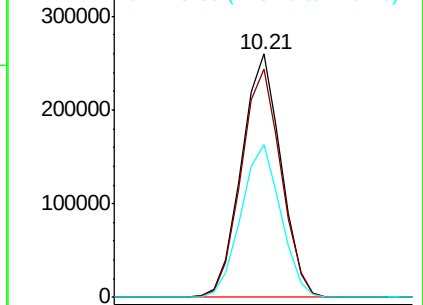
119 62.9 0.0 129.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 109.212 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX015990.D

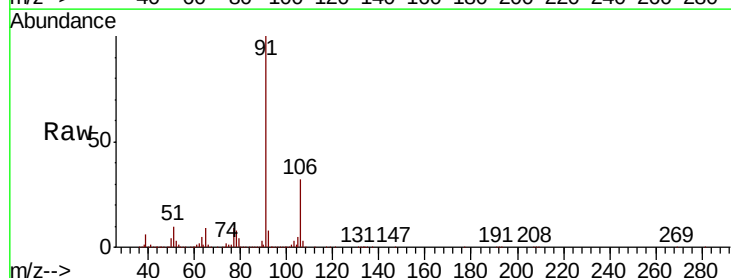
Acq: 30 Apr 2020 11:39

Tgt Ion: 91 Resp: 1629167

Ion Ratio Lower Upper

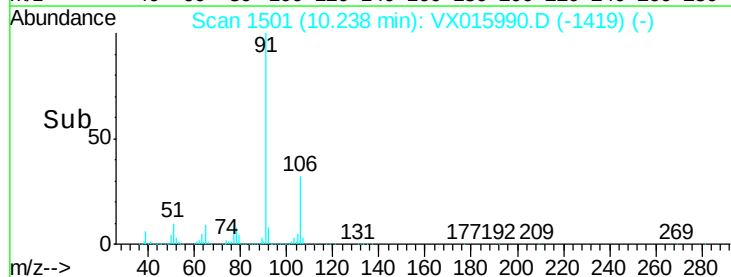
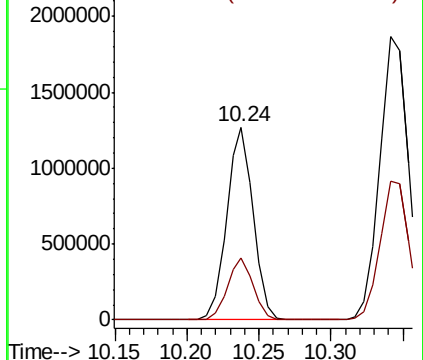
91 100

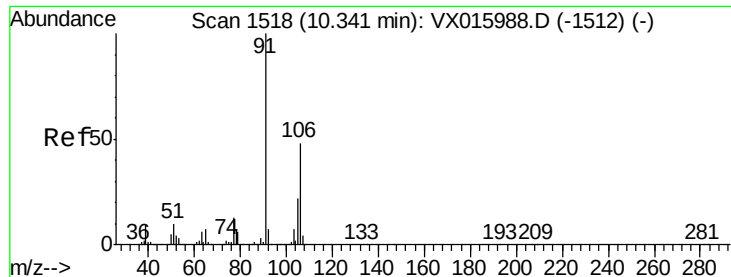
106 32.0 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

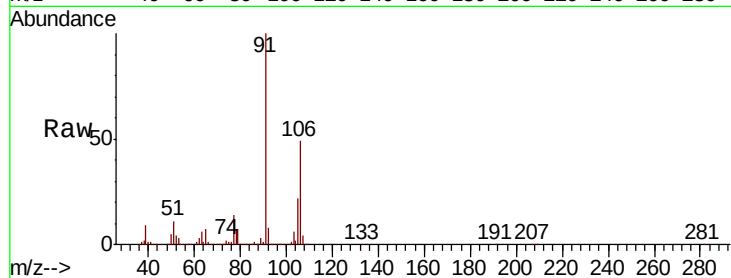




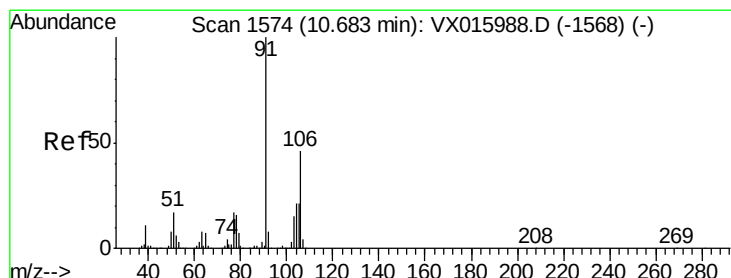
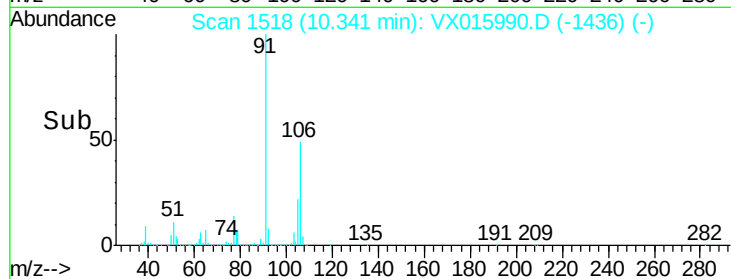
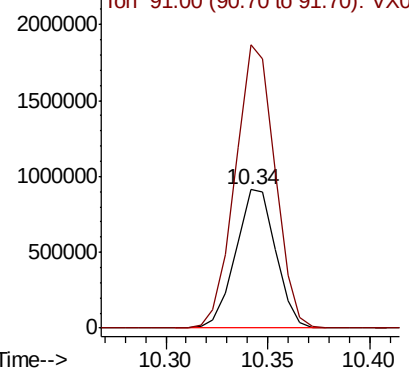
#67
m/p-Xylenes
Concen: 219.851 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX015990.D
Acq: 30 Apr 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 1248350
Ion Ratio Lower Upper
106 100
91 202.7 164.2 246.4

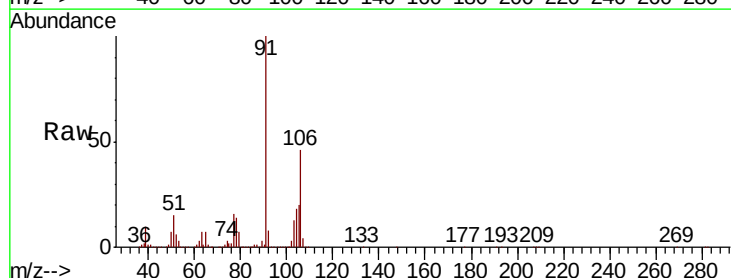


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

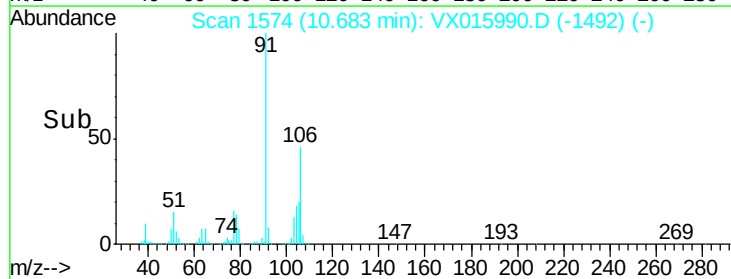
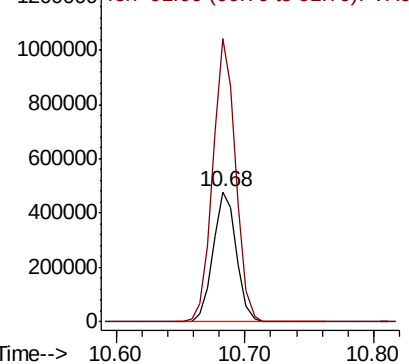


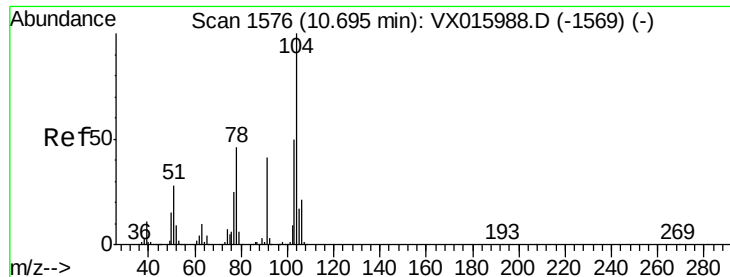
#68
o-Xylene
Concen: 110.373 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX015990.D
Acq: 30 Apr 2020 11:39

Tgt Ion:106 Resp: 607726
Ion Ratio Lower Upper
106 100
91 212.9 108.3 325.0



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

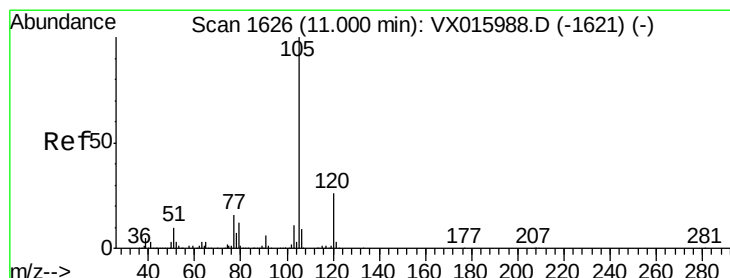
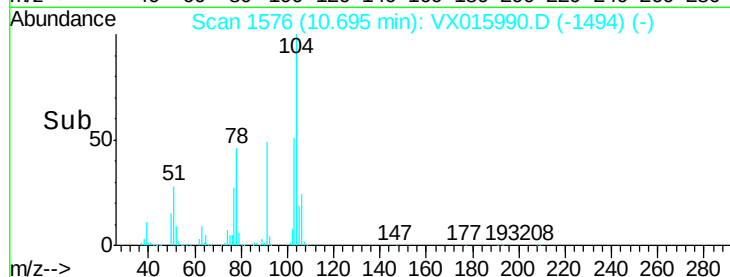
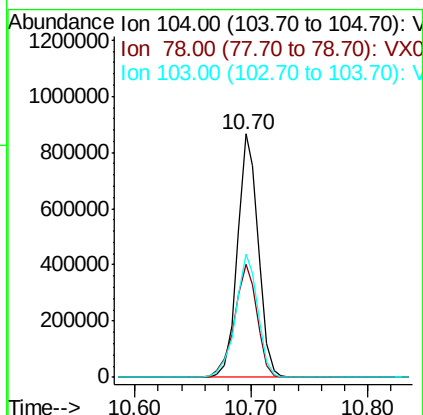
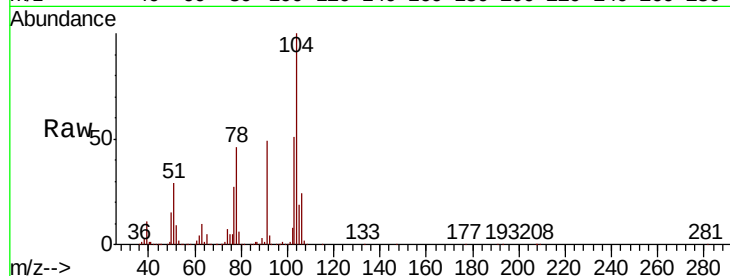




#69
Stvrene
Concen: 112.325 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX015990.D
Acq: 30 Apr 2020 11:39

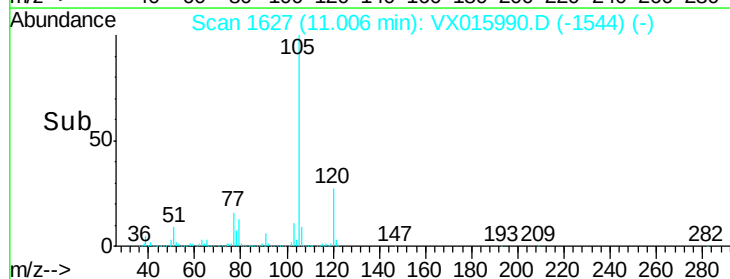
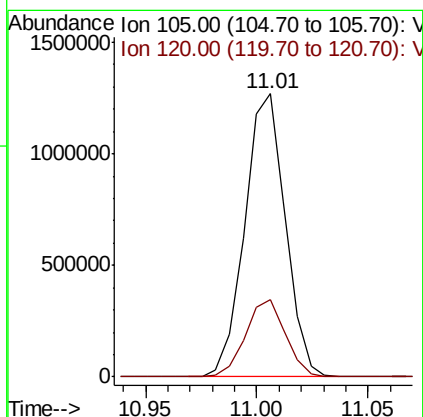
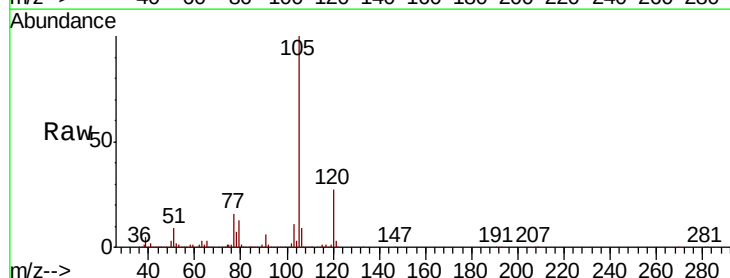
Instrument :
MSVOA_X
ClientSampleId :

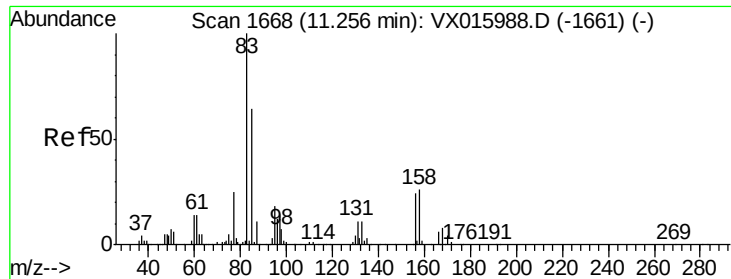
Tot Ion:104 Resp: 1069151
Ion Ratio Lower Upper
104 100
78 50.7 40.7 61.1
103 54.0 43.0 64.4



#70
Isopropylbenzene
Concen: 109.763 ug/l
RT: 11.01 min Scan# 1627
Delta R.T. 0.01 min
Lab File: VX015990.D
Acq: 30 Apr 2020 11:39

Tgt Ion:105 Resp: 1613718
Ion Ratio Lower Upper
105 100
120 26.9 18.6 34.5





#71

1,1,2,2-Tetrachloroethane

Concen: 92.625 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX015990.D

Acq: 30 Apr 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

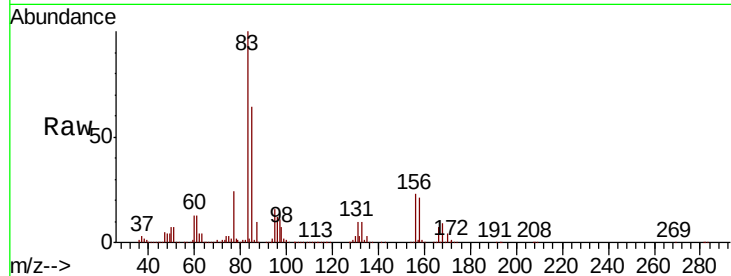
Tot Ion: 83 Resp: 360056

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

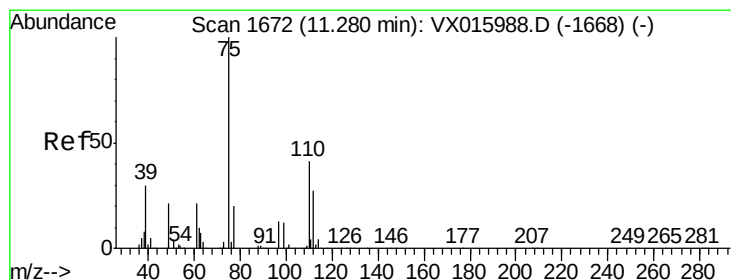
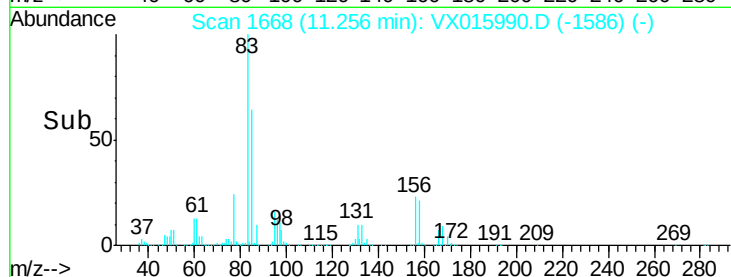
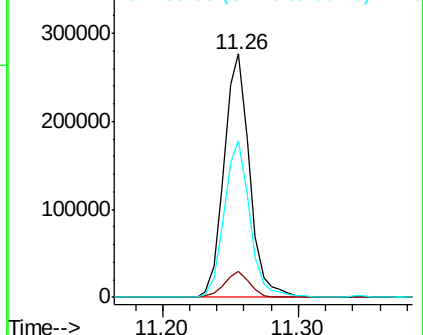
85 64.6 33.0 98.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 152.240 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX015990.D

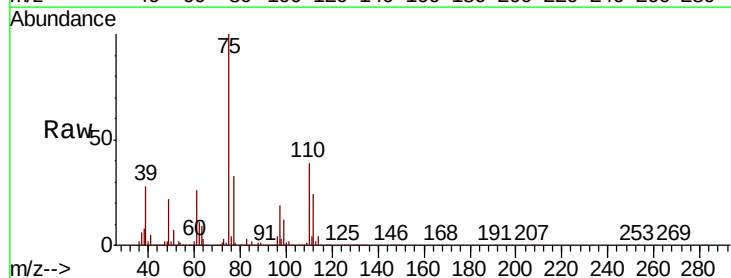
Acq: 30 Apr 2020 11:39

Tgt Ion: 75 Resp: 680896

Ion Ratio Lower Upper

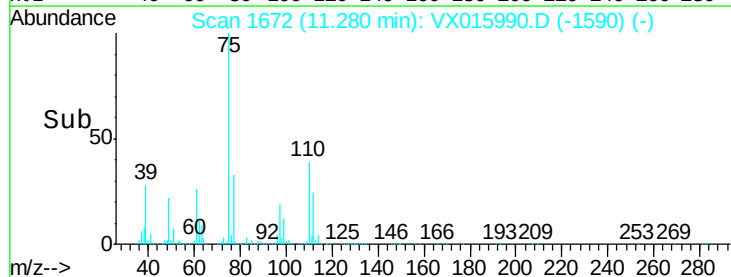
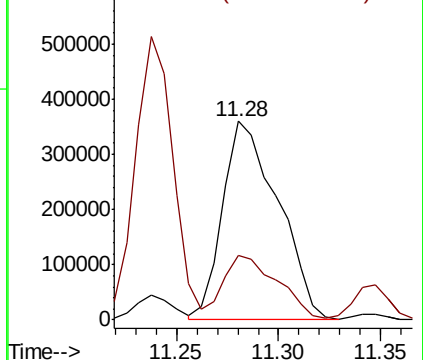
75 100

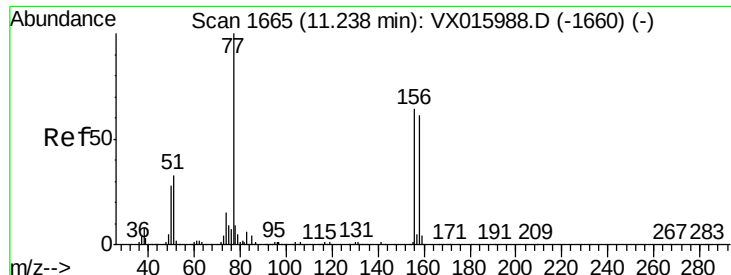
77 31.9 0.0 86.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 105.574 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX015990.D

Acq: 30 Apr 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

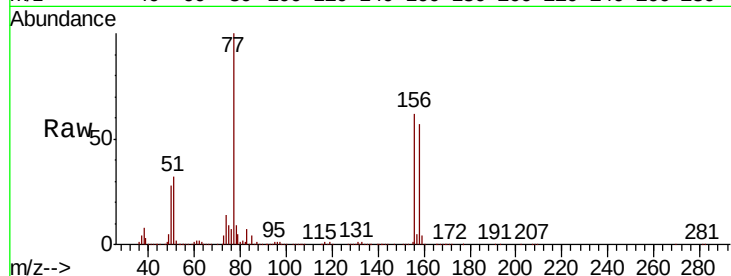
Tot Ion:156 Resp: 409232

Ion Ratio Lower Upper

156 100

77 160.9 0.0 318.0

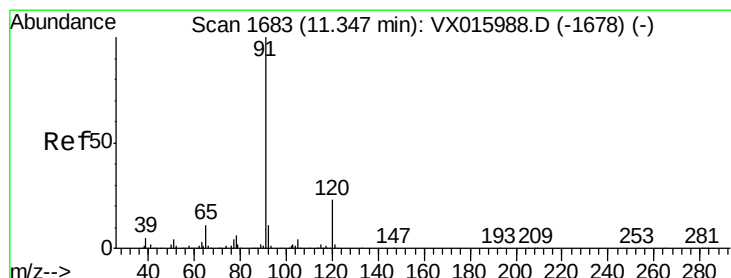
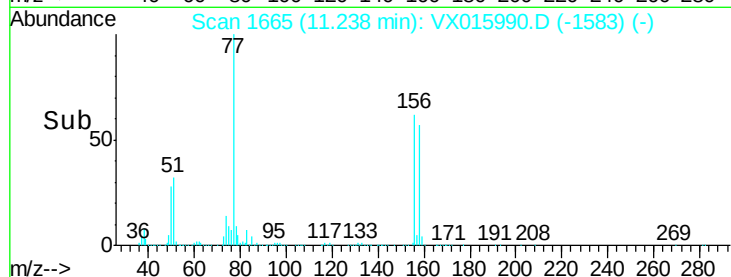
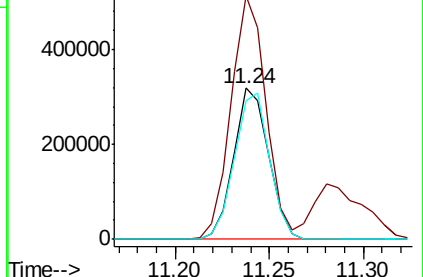
158 97.6 0.0 193.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 112.023 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX015990.D

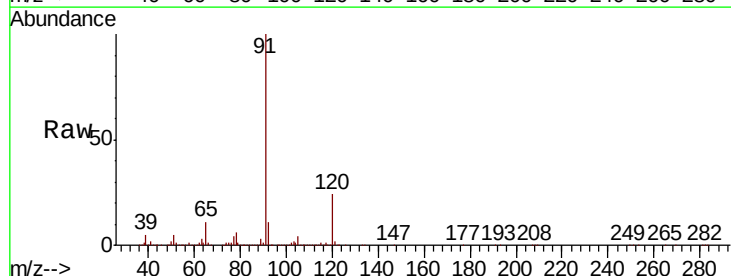
Acq: 30 Apr 2020 11:39

Tgt Ion: 91 Resp: 1894888

Ion Ratio Lower Upper

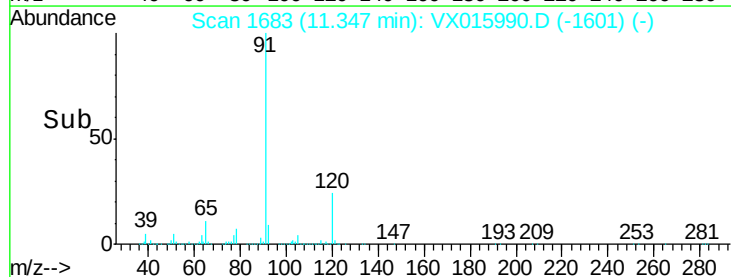
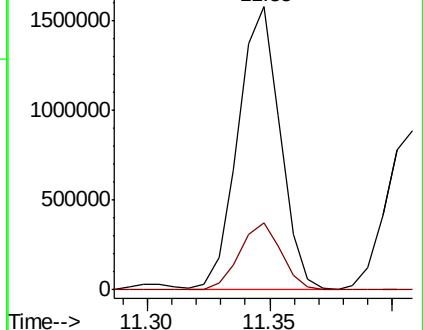
91 100

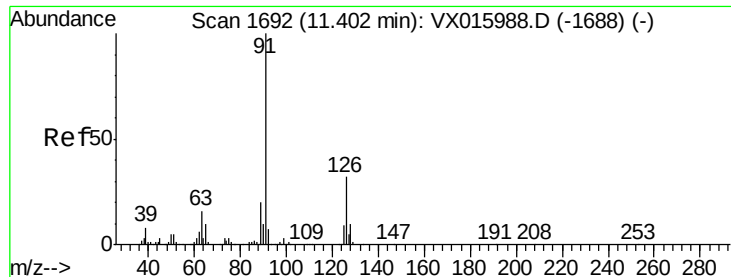
120 23.2 0.0 45.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 108.972 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX015990.D

Acq: 30 Apr 2020 11:39

Instrument :

MSVOA_X

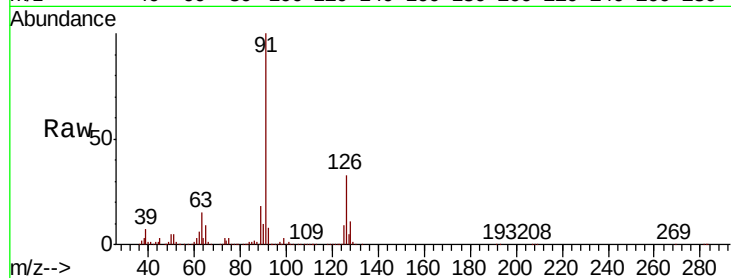
ClientSampleId :

Tot Ion: 91 Resp: 1107857

Ion Ratio Lower Upper

91 100

126 33.5 0.0 66.2



Abundance Ion 91.00 (90.70 to 91.70): VX015988.D (-1688) (-)

Ion 126.00 (125.70 to 126.70): VX015988.D (-1688) (-)

1500000

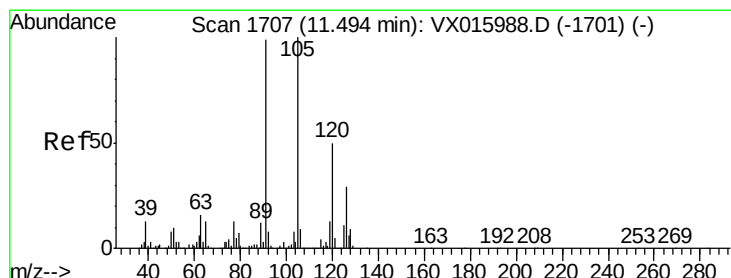
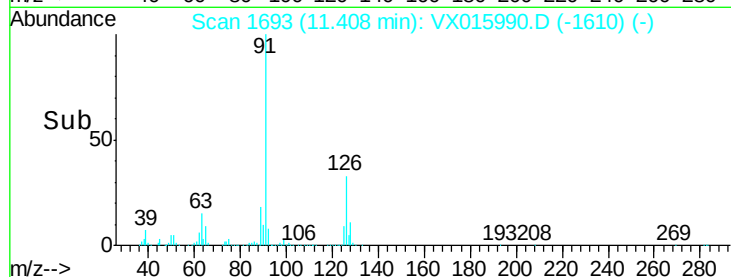
1000000

500000

0

11.35 11.40 11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 111.501 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX015990.D

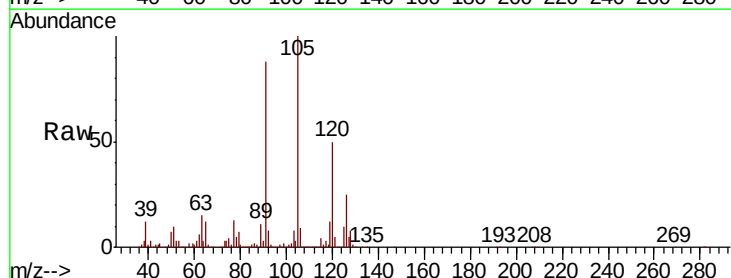
Acq: 30 Apr 2020 11:39

Tgt Ion:105 Resp: 1397792

Ion Ratio Lower Upper

105 100

120 49.9 0.0 99.4



Abundance Ion 105.00 (104.70 to 105.70): VX015988.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX015988.D (-1701) (-)

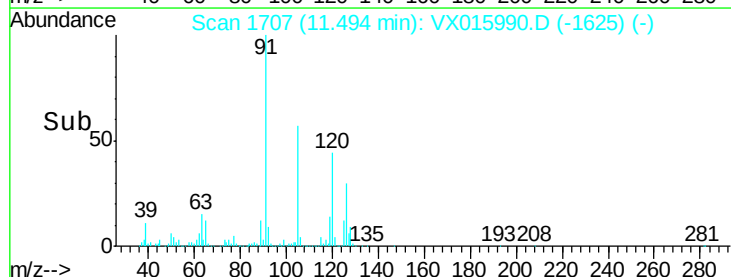
1000000

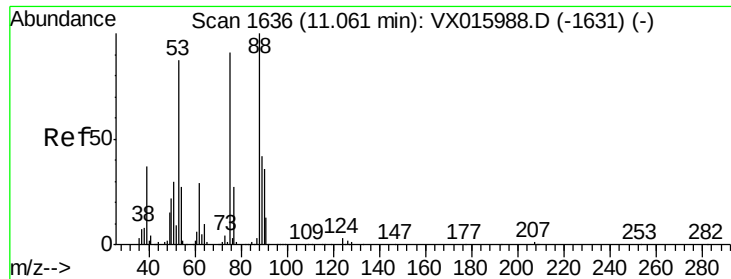
500000

0

11.45 11.50

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 113.722 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX015990.D

Acq: 30 Apr 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

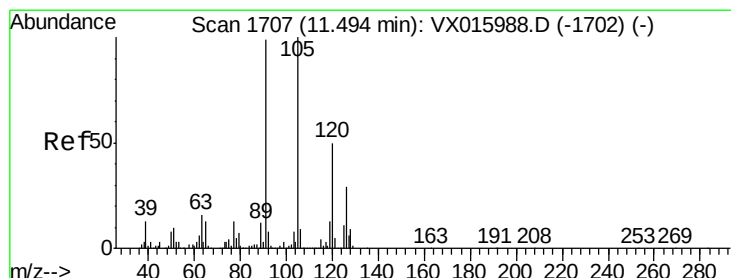
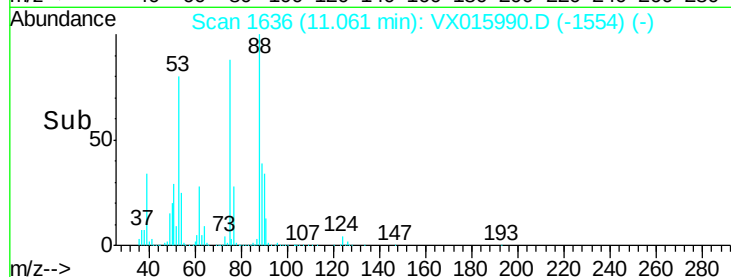
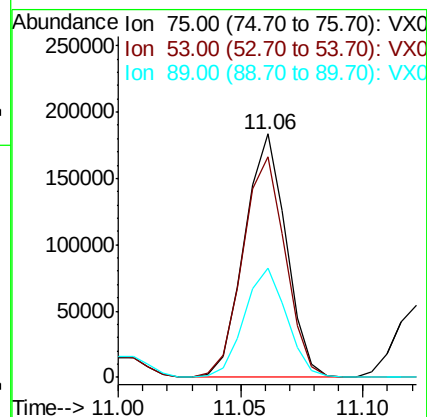
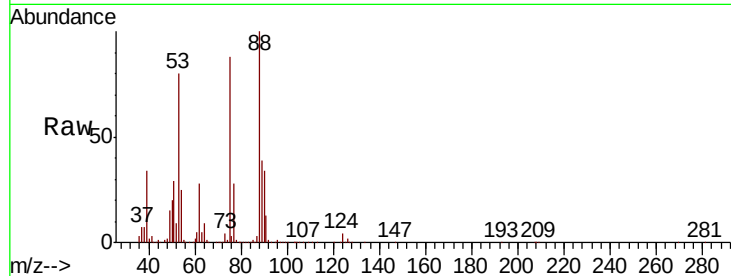
Tot Ion: 75 Resp: 218148

Ion Ratio Lower Upper

75 100

53 90.7 48.0 144.2

89 44.6 23.4 70.3



#78

4-Chlorotoluene

Concen: 112.199 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX015990.D

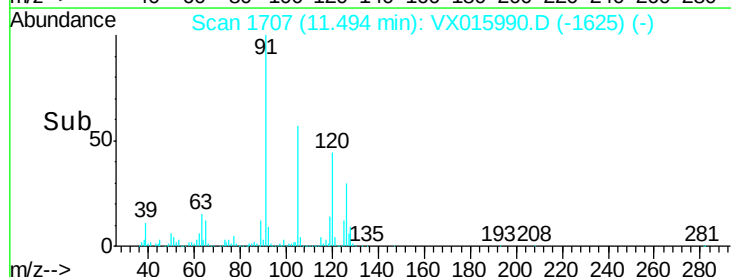
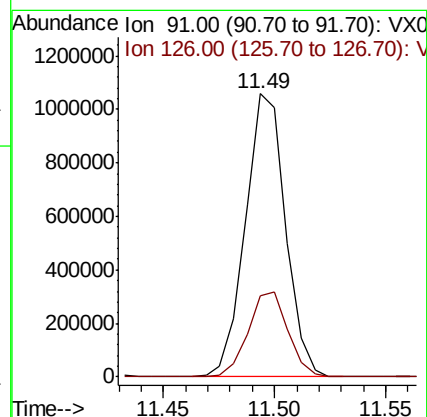
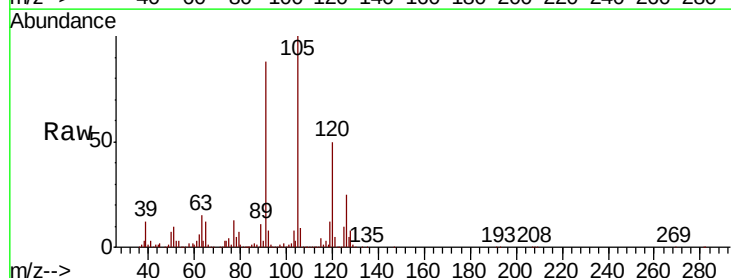
Acq: 30 Apr 2020 11:39

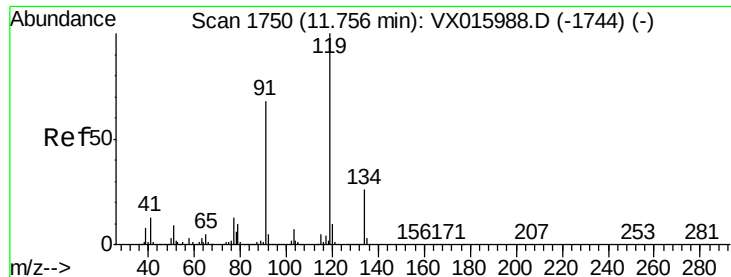
Tgt Ion: 91 Resp: 1328738

Ion Ratio Lower Upper

91 100

126 29.8 0.0 58.4

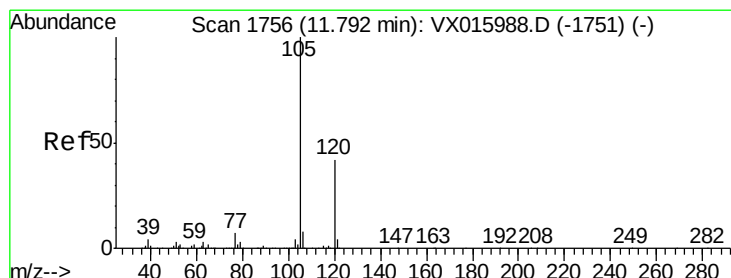
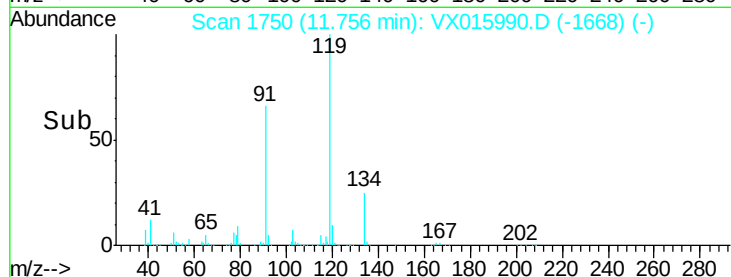
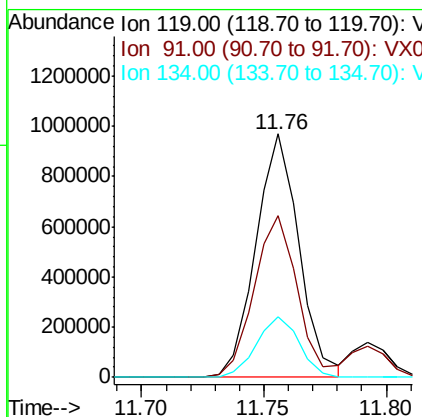
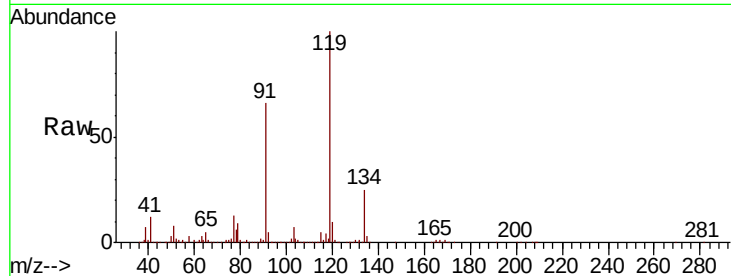




#79
tert-butylbenzene
Concen: 100.852 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX015990.D
Acq: 30 Apr 2020 11:39

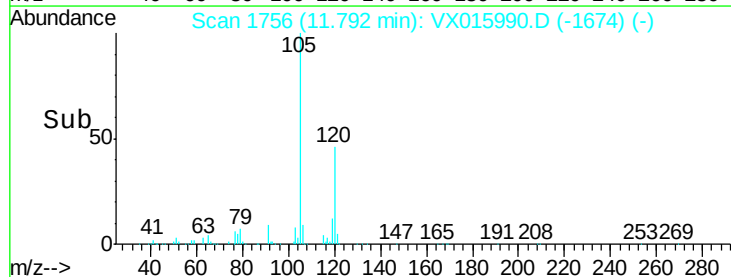
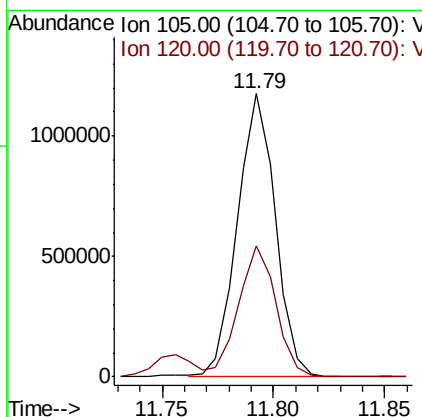
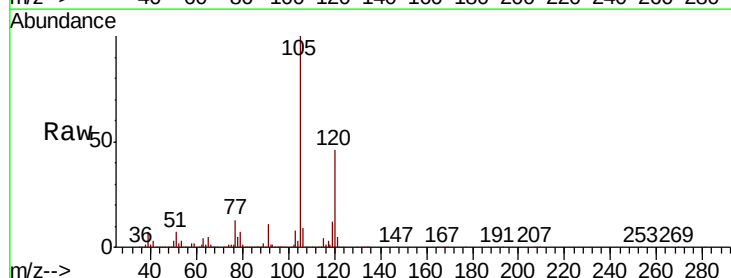
Instrument :
MSVOA_X
ClientSampleId :

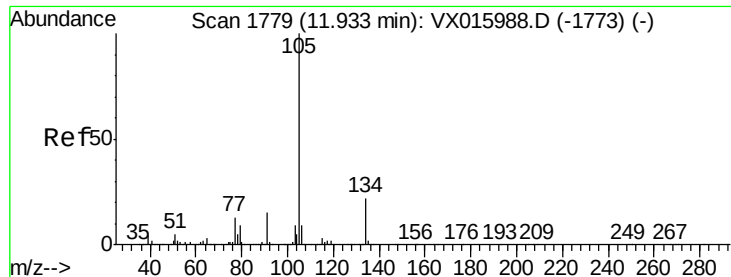
Tot Ion:119 Resp: 1194776
Ion Ratio Lower Upper
119 100
91 65.8 0.0 135.6
134 24.8 0.0 51.0



#80
1,2,4-Trimethylbenzene
Concen: 110.420 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX015990.D
Acq: 30 Apr 2020 11:39

Tgt Ion:105 Resp: 1394263
Ion Ratio Lower Upper
105 100
120 45.9 0.0 91.0

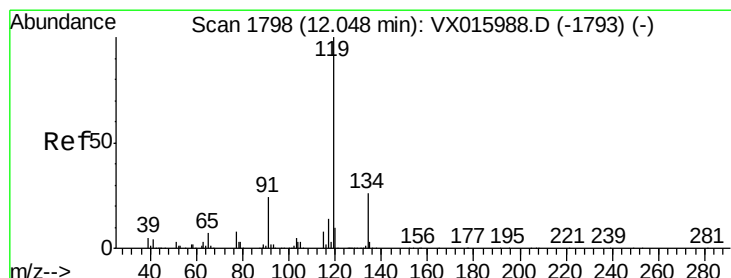
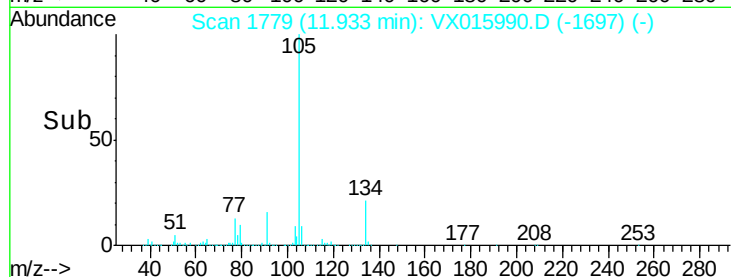
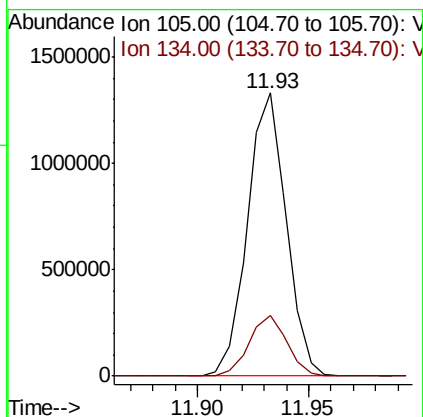
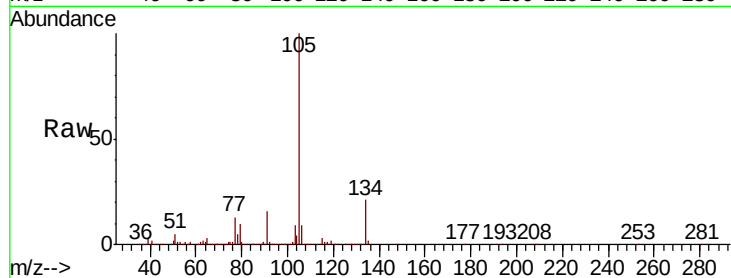




#81
 sec-Butylbenzene
 Concen: 111.628 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX015990.D
 Acq: 30 Apr 2020 11:39

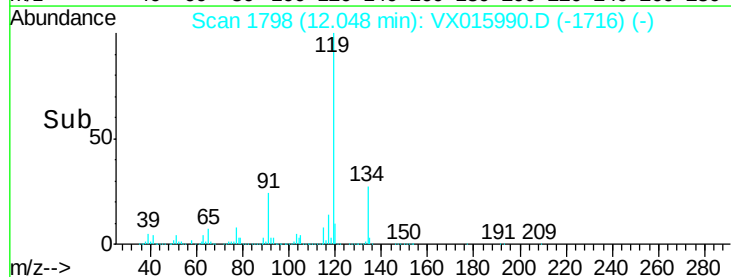
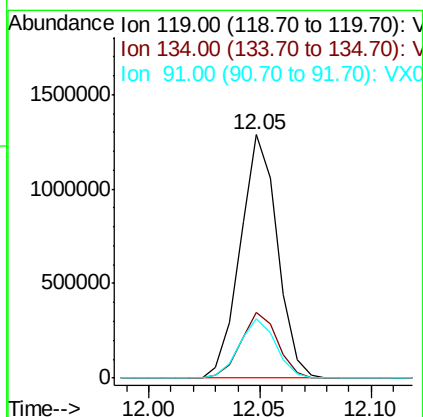
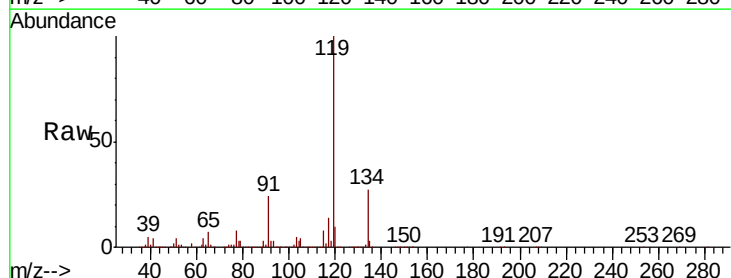
Instrument :
 MSVOA_X
 ClientSampleId :

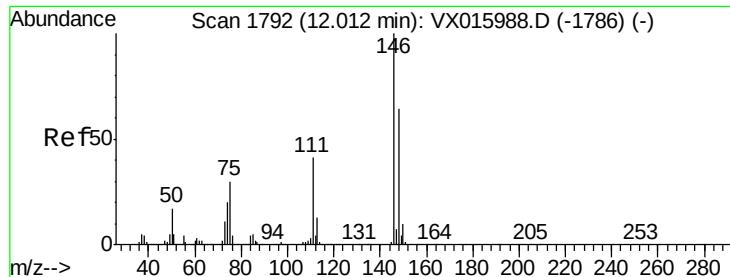
Tot Ion:105 Resp: 1609793
 Ion Ratio Lower Upper
 105 100
 134 20.9 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 110.600 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX015990.D
 Acq: 30 Apr 2020 11:39

Tgt Ion:119 Resp: 1496713
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 52.6
 91 24.0 0.0 47.6

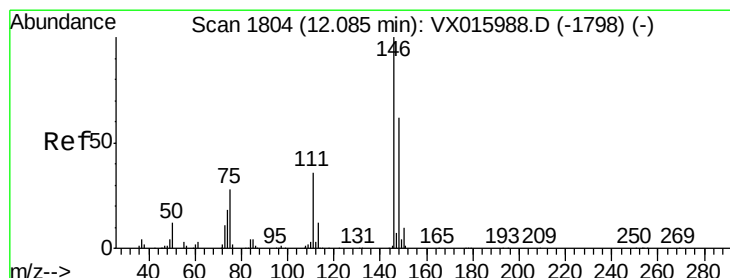
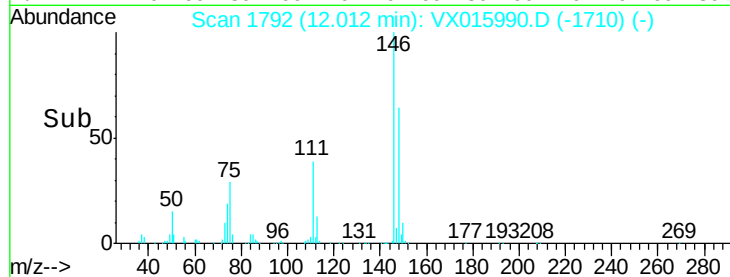
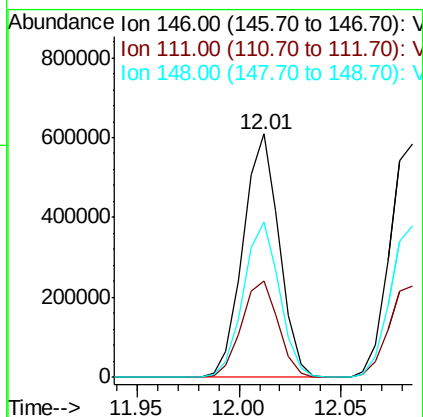
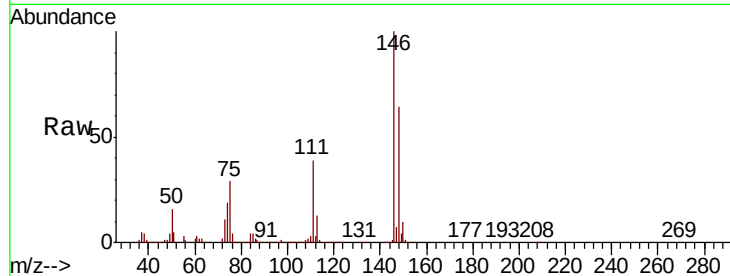




#83
 1,3-Dichlorobenzene
 Concen: 107.325 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX015990.D
 Acq: 30 Apr 2020 11:39

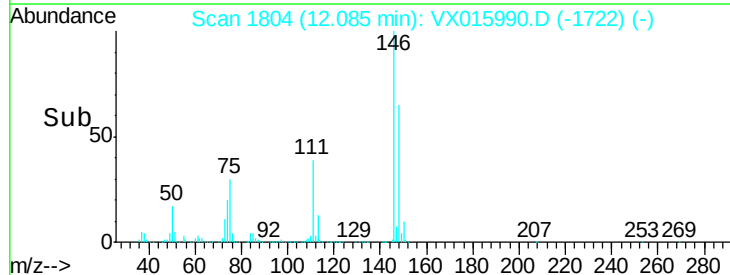
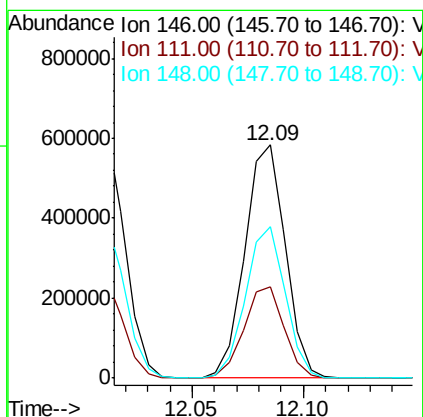
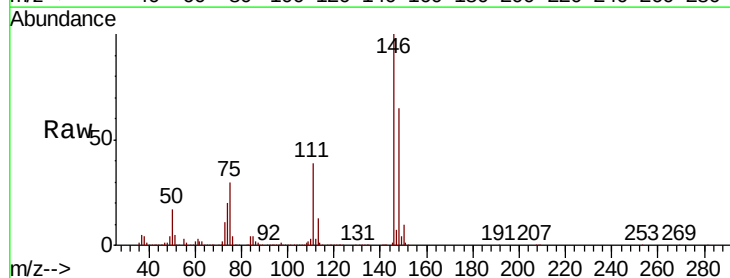
Instrument :
 MSVOA_X
 ClientSampled :

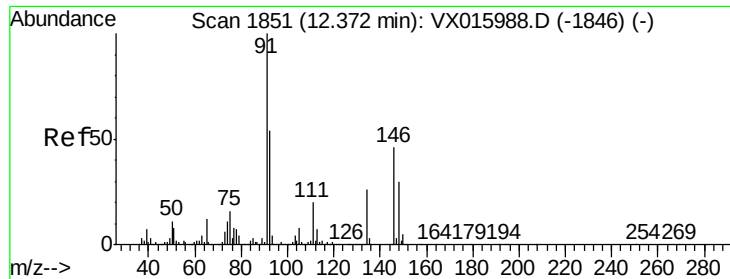
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.4	61.3
148	63.7	31.9	95.9



#84
 1,4-Dichlorobenzene
 Concen: 107.028 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VX015990.D
 Acq: 30 Apr 2020 11:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.7	59.0
148	63.8	32.0	96.0





#85

n-Butylbenzene

Concen: 113.966 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX015990.D

Acq: 30 Apr 2020 11:39

Instrument :

MSVOA_X

ClientSampled :

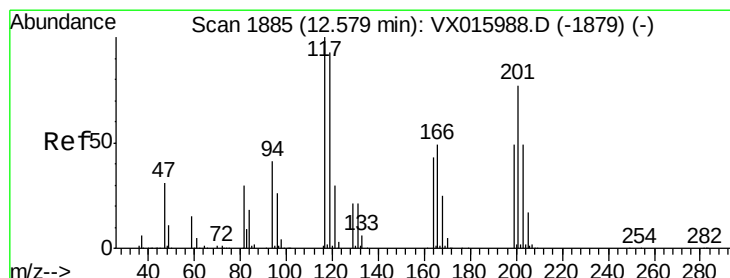
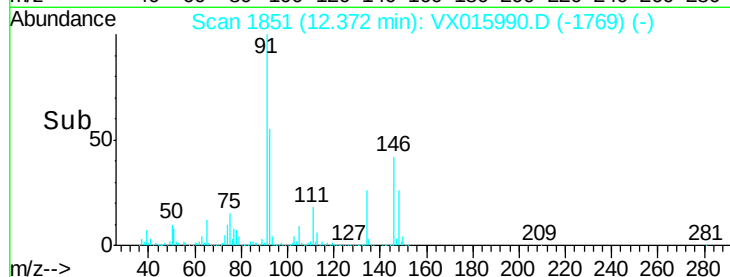
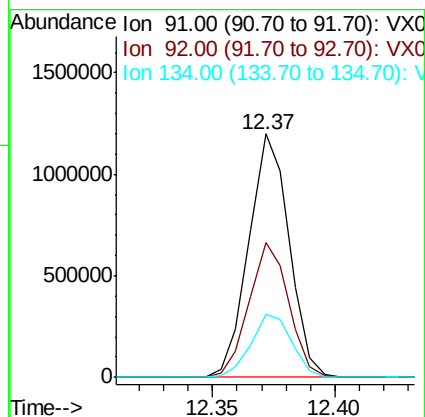
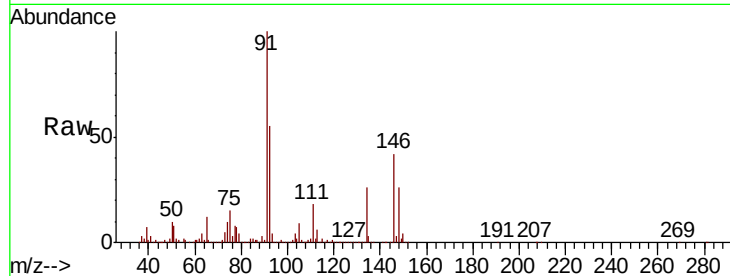
Tot Ion: 91 Resp: 1380244

Ion Ratio Lower Upper

91 100

92 54.5 0.0 110.2

134 26.3 0.0 53.4



#86

Hexachloroethane

Concen: 107.460 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX015990.D

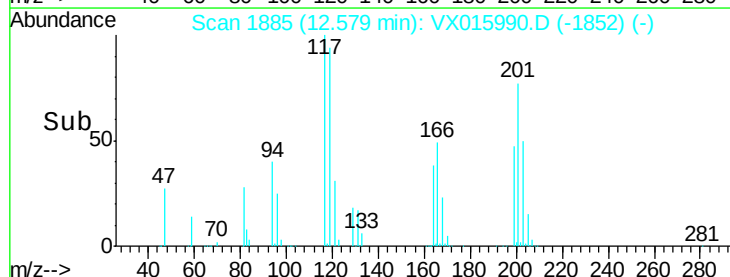
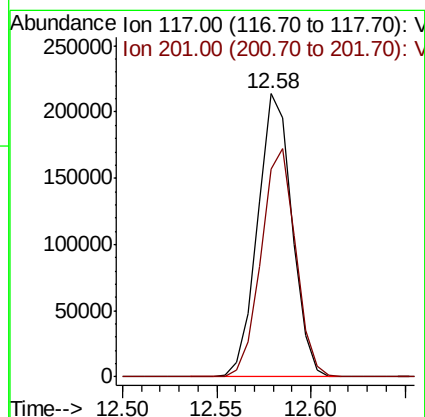
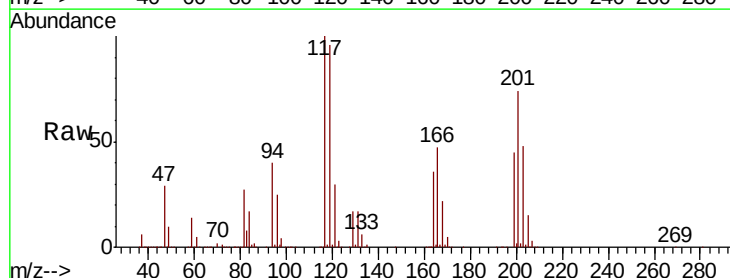
Acq: 30 Apr 2020 11:39

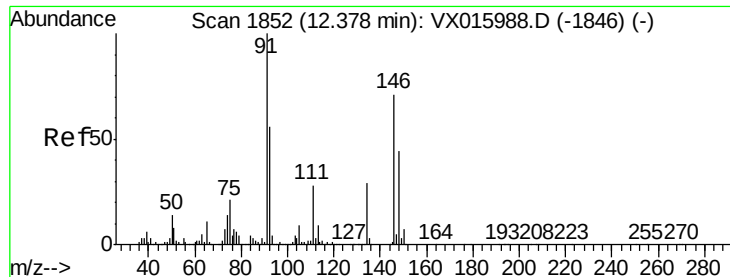
Tgt Ion: 117 Resp: 270773

Ion Ratio Lower Upper

117 100

201 80.5 40.1 120.2

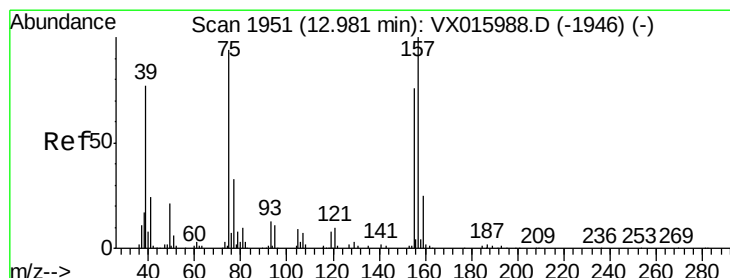
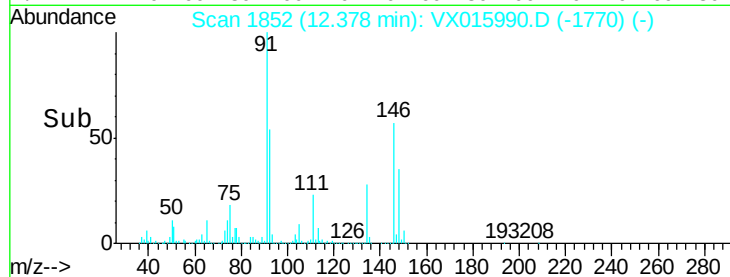
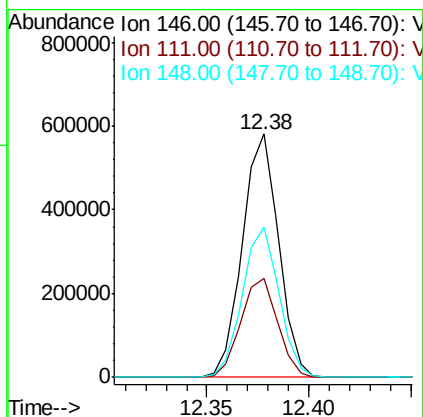
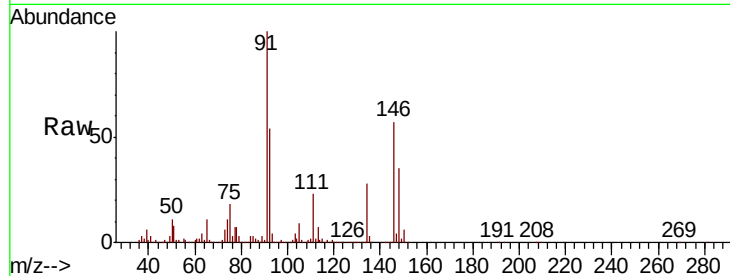




#87
 1,2-Dichlorobenzene
 Concen: 106.129 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX015990.D
 Acq: 30 Apr 2020 11:39

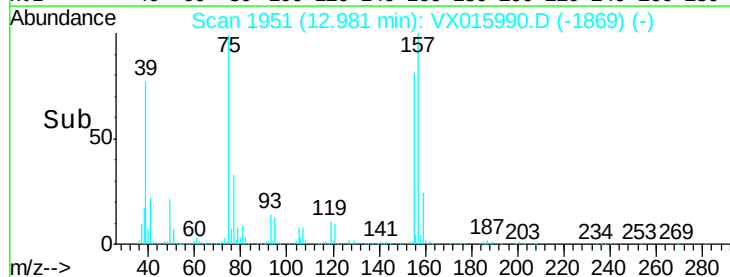
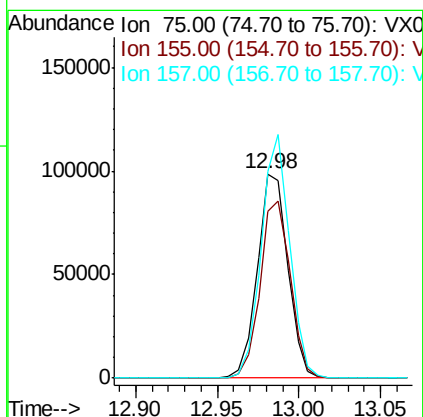
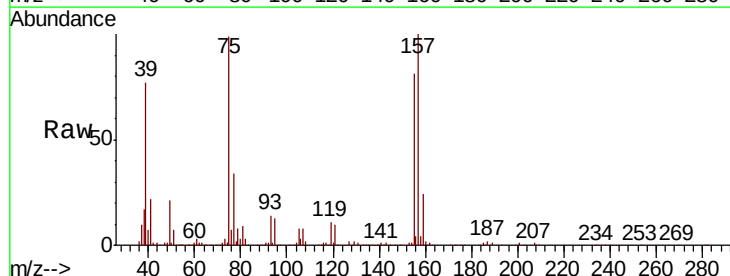
Instrument :
 MSVOA_X
 ClientSampleId :

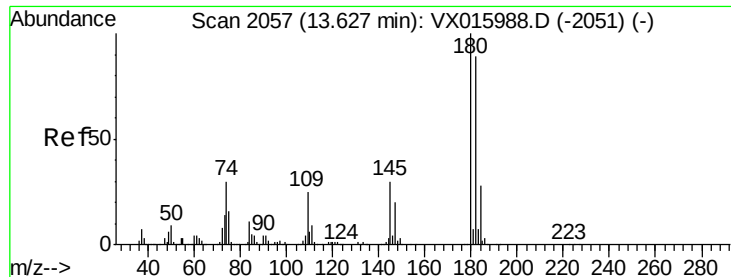
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.7	62.1
148	62.1	32.0	96.2



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 106.384 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX015990.D
 Acq: 30 Apr 2020 11:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.0	66.9	100.3
157	110.9	88.2	132.2

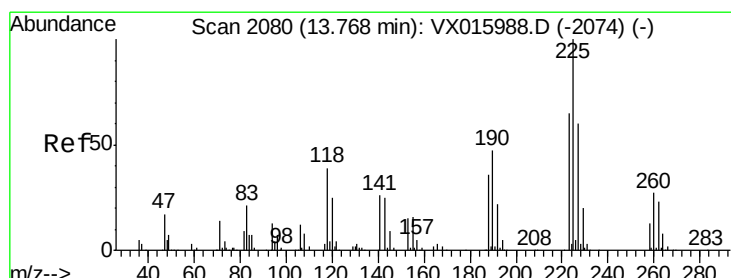
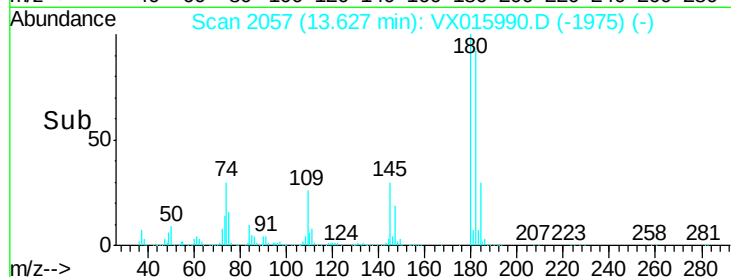
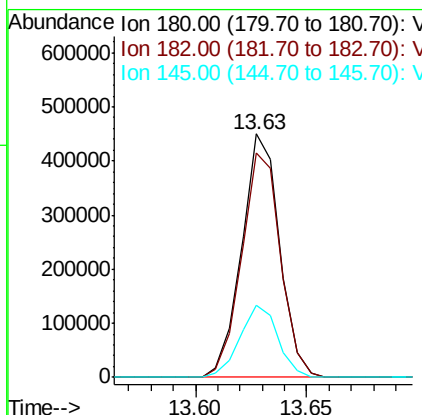
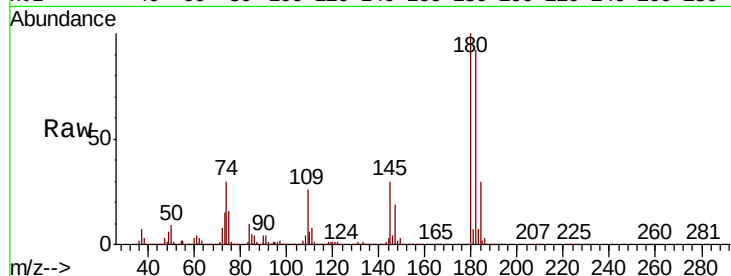




#89
 1,2,4-Trichlorobenzene
 Concen: 100.380 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX015990.D
 Acq: 30 Apr 2020 11:39

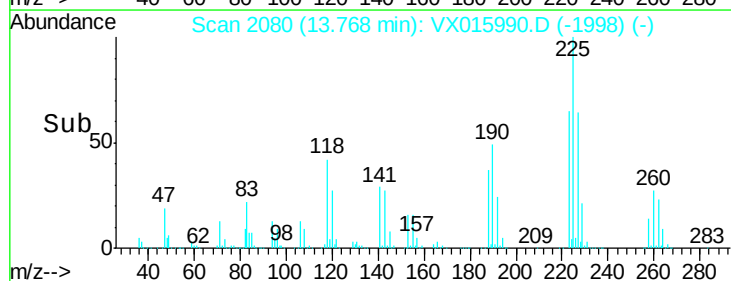
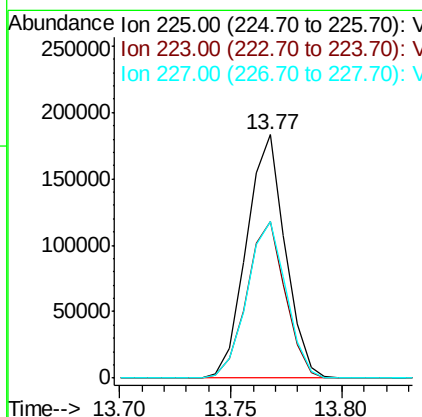
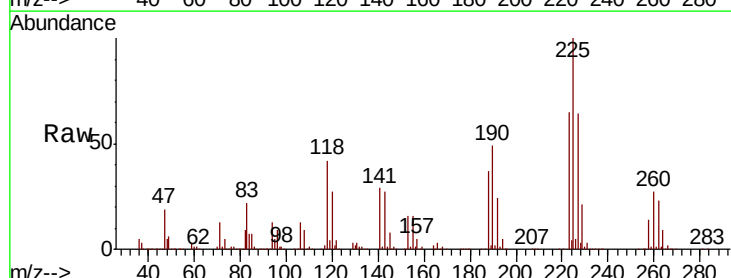
Instrument :
 MSVOA_X
 ClientSampleId :

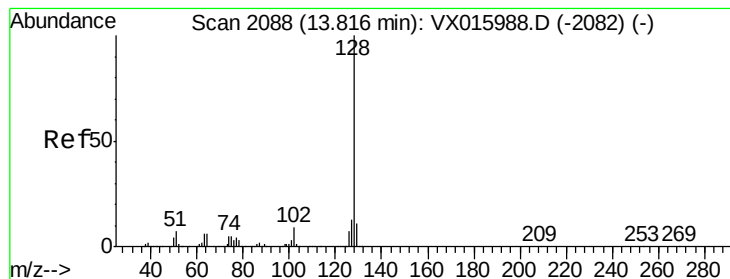
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.0	112.6
145	29.9	23.9	35.9



#90
 Hexachlorobutadiene
 Concen: 83.086 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX015990.D
 Acq: 30 Apr 2020 11:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	0.0	123.6
227	65.0	0.0	123.6





#91

Naphthalene

Concen: 107.840 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX015990.D

Acq: 30 Apr 2020 11:39

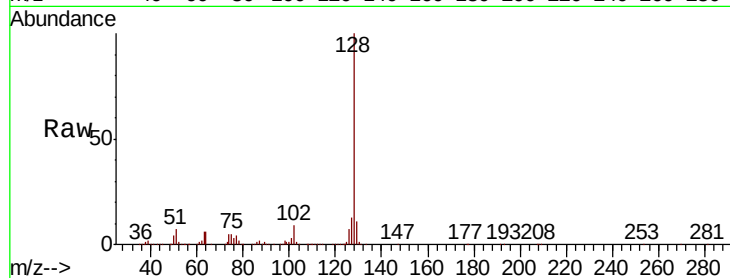
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:128 Resp: 1693796

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.8	8.6	13.0

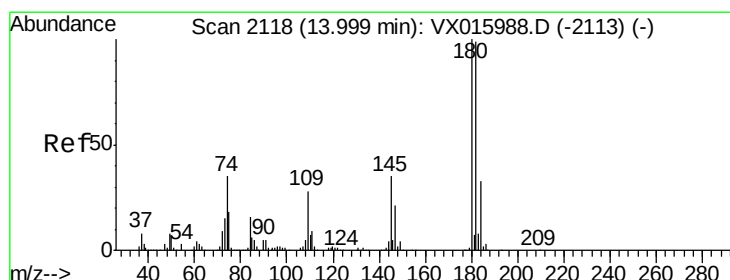
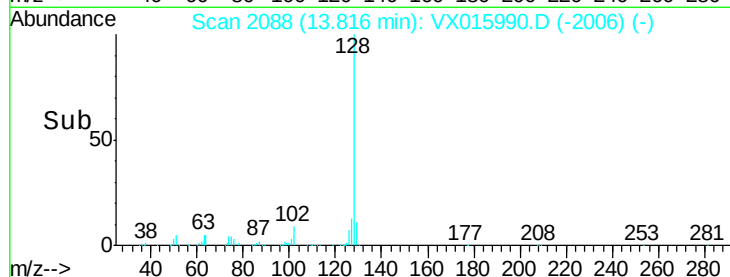
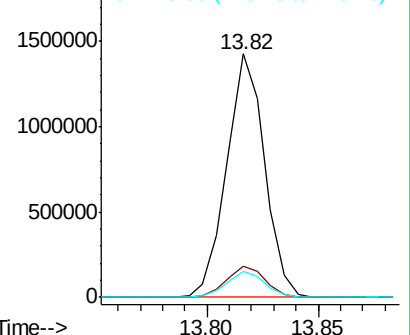


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 99.461 ug/l

RT: 14.00 min Scan# 2118

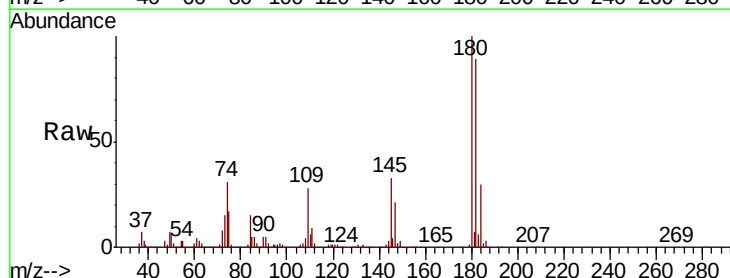
Delta R.T. -0.00 min

Lab File: VX015990.D

Acq: 30 Apr 2020 11:39

Tgt Ion:180 Resp: 516768

Ion	Ratio	Lower	Upper
180	100		
182	94.3	0.0	197.2
145	32.4	0.0	66.0



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

