

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX033020\
 Data File : VX015423.D
 Acq On : 30 Mar 2020 12:49
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 31 07:51:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1145996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1770701	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1635076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	853616	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	753146	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
35) Dibromofluoromethane	5.47	113	552791	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
50) Toluene-d8	8.70	98	2018930	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
62) 4-Bromofluorobenzene	11.12	95	823993	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	502916	49.811	ug/l	98
3) Chloromethane	1.31	50	592525	46.083	ug/l	99
4) Vinyl Chloride	1.39	62	553916	46.917	ug/l	97
5) Bromomethane	1.62	94	328117	62.277	ug/l	97
6) Chloroethane	1.71	64	336932	46.015	ug/l	99
7) Trichlorofluoromethane	1.92	101	785718	49.625	ug/l	100
8) Diethyl Ether	2.17	74	307164	45.995	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	516323	50.023	ug/l	99
10) Methyl Iodide	2.49	142	640199	46.004	ug/l	98
11) Tert butyl alcohol	3.01	59	649554	167.899	ug/l	99
12) 1,1-Dichloroethene	2.36	96	508053	46.958	ug/l	97
13) Acrolein	2.27	56	503465	228.454	ug/l	99
14) Allyl chloride	2.70	41	1152143	45.574	ug/l	97
15) Acrylonitrile	3.11	53	1599860	216.845	ug/l	100
16) Acetone	2.42	43	1420051	204.500	ug/l	100
17) Carbon Disulfide	2.55	76	1528852	46.321	ug/l	100
18) Methyl Acetate	2.75	43	743688	41.962	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1944389	46.337	ug/l	99
20) Methylene Chloride	2.83	84	583051	44.952	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	554872	46.210	ug/l	98
22) Diisopropyl ether	3.82	45	2124427	47.424	ug/l	100
23) Vinyl Acetate	3.78	43	9514225	234.576	ug/l	99
24) 1,1-Dichloroethane	3.67	63	1067540	45.261	ug/l	99
25) 2-Butanone	4.63	43	2275218	203.737	ug/l	98
26) 2,2-Dichloropropane	4.55	77	971152	50.163	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	639070	46.003	ug/l	97
28) Bromochloromethane	4.98	49	520986	46.264	ug/l	98
29) Tetrahydrofuran	5.09	42	1489268	207.441	ug/l	100
30) Chloroform	5.18	83	1048773	46.218	ug/l	95
31) Cyclohexane	5.55	56	1003793	49.059	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	958451	46.671	ug/l	100
36) 1,1-Dichloropropene	5.77	75	796904	48.845	ug/l	99
37) Ethyl Acetate	4.79	43	932889	43.914	ug/l	100
38) Carbon Tetrachloride	5.75	117	849419	48.069	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	980368	52.116	ug/l	100
40) Benzene	6.11	78	2297124	48.066	ug/l	98
41) Methacrylonitrile	5.00	41	539799	45.774	ug/l	98
42) 1,2-Dichloroethane	6.16	62	925785	48.226	ug/l	99
43) Isopropyl Acetate	6.41	43	1641199	45.766	ug/l	100
44) Trichloroethene	7.18	130	637128	48.882	ug/l	97
45) 1,2-Dichloropropane	7.49	63	625688	47.858	ug/l	98
46) Dibromomethane	7.64	93	411035	47.928	ug/l	99
47) Bromodichloromethane	7.87	83	884450	48.399	ug/l	98
48) Methyl methacrylate	7.75	41	825583	46.091	ug/l	99
49) 1,4-Dioxane	7.72	88	248119	742.536	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	4549526	223.859	ug/l	100
52) Toluene	8.76	92	1447530	49.128	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	1042366	48.636	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	1092172	50.026	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	585123	48.470	ug/l	97
56) Ethyl methacrylate	9.16	69	1018302	47.864	ug/l	100
57) 1,3-Dichloropropane	9.36	76	1030651	47.387	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2437539	235.552	ug/l	99
59) 2-Hexanone	9.47	43	3391678	221.049	ug/l	100
60) Dibromochloromethane	9.56	129	720520	49.671	ug/l	99
61) 1,2-Dibromoethane	9.65	107	641950	48.906	ug/l	99
64) Tetrachloroethene	9.32	164	578980	46.921	ug/l	96
65) Chlorobenzene	10.12	112	1560974	47.870	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	626625	48.101	ug/l	99
67) Ethyl Benzene	10.23	91	2847534	49.236	ug/l	97
68) m/p-Xylenes	10.34	106	2131509	98.977	ug/l	100
69) o-Xylene	10.68	106	1027631	48.290	ug/l	97
70) Styrene	10.70	104	1829519	48.856	ug/l	100
71) Bromoform	10.84	173	548356	46.239	ug/l #	100
73) Isopropylbenzene	11.00	105	2790519	49.892	ug/l	100
74) N-amyl acetate	10.88	43	1472125	47.324	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	876424	45.666	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	1085415	61.833	ug/l	83
77) Bromobenzene	11.24	156	725852	48.653	ug/l	99
78) n-propylbenzene	11.34	91	3243609	50.717	ug/l	100
79) 2-Chlorotoluene	11.40	91	1931292	49.268	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	2351709	49.233	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	343885	47.006	ug/l	99
82) 4-Chlorotoluene	11.49	91	2276391	49.536	ug/l	100
83) tert-Butylbenzene	11.76	119	2335128	50.048	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2439264	50.112	ug/l	100
85) sec-Butylbenzene	11.93	105	2721228	50.429	ug/l	100
86) p-Isopropyltoluene	12.05	119	2550549	50.914	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1290092	48.304	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1350352	49.637	ug/l	99
89) n-Butylbenzene	12.37	91	2375245	52.469	ug/l	99
90) Hexachloroethane	12.58	117	474726	48.688	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	1260682	48.234	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	217810	40.210	ug/l	97

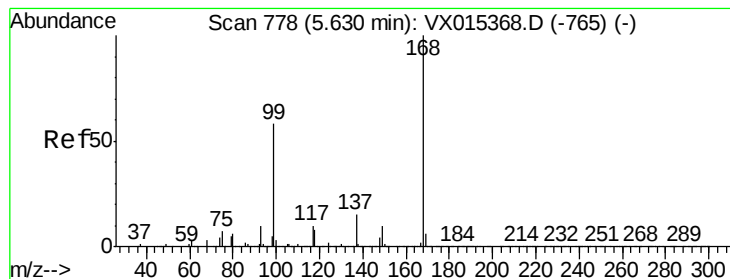
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1011941	48.947	ug/l	98
94) Hexachlorobutadiene	13.77	225	492638	50.049	ug/l	97
95) Naphthalene	13.82	128	3021357	47.910	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	1017701	51.128	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.00 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Instrument :

MSVOA_X

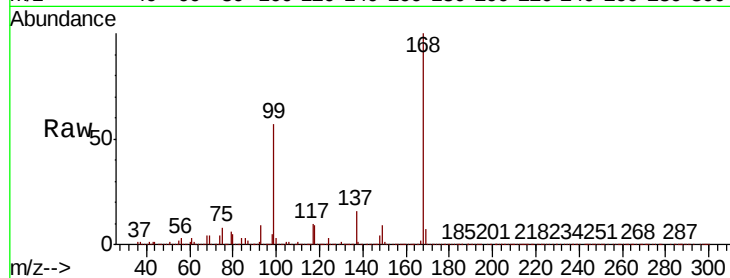
ClientSampleId :

Tot Ion:168 Resp: 1145996

Ion Ratio Lower Upper

168 100

99 56.9 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

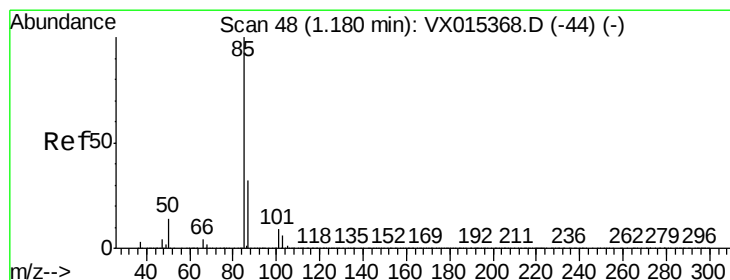
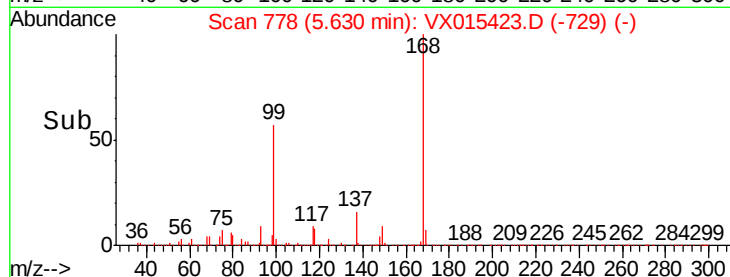
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.811 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015423.D

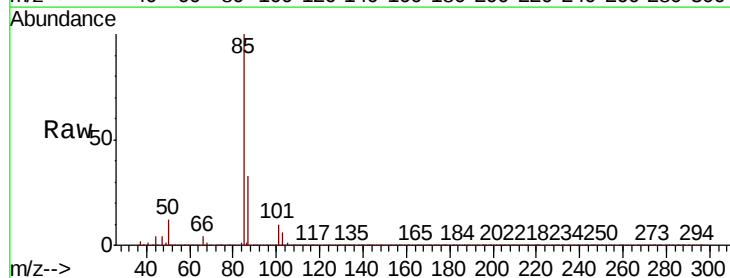
Acq: 30 Mar 2020 12:49

Tgt Ion: 85 Resp: 502916

Ion Ratio Lower Upper

85 100

87 33.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

600000

500000

400000

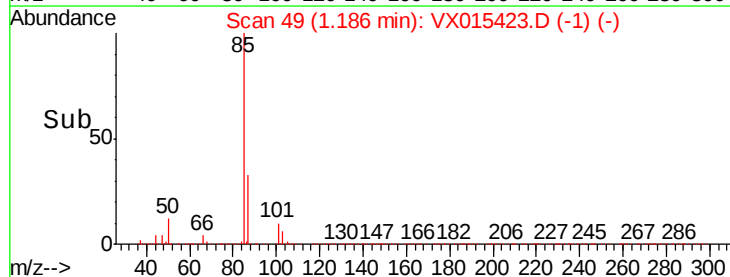
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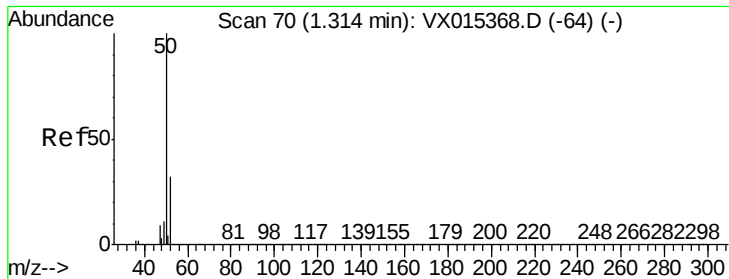
200000

100000

0

Time-->

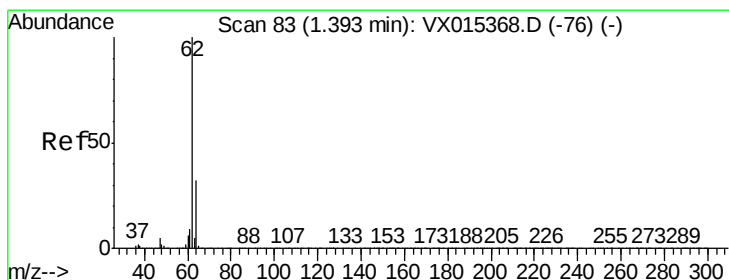
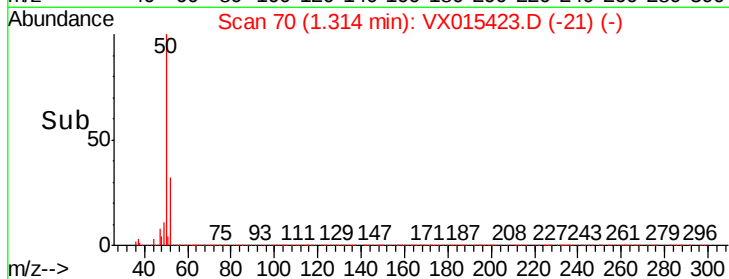
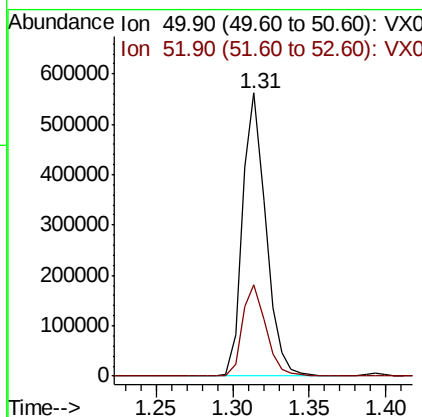
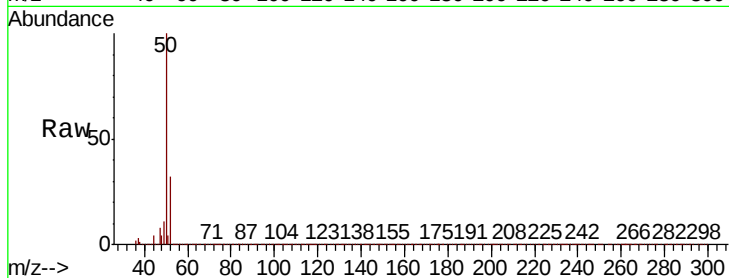




#3
Chloromethane
Concen: 46.083 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.00 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

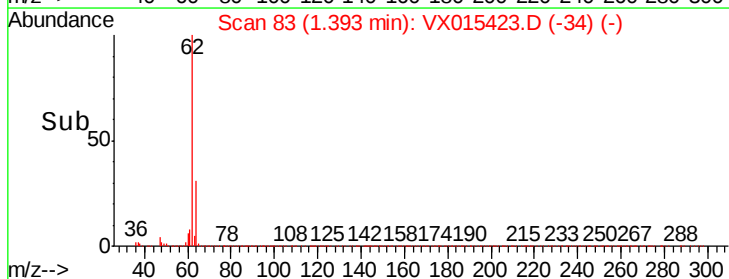
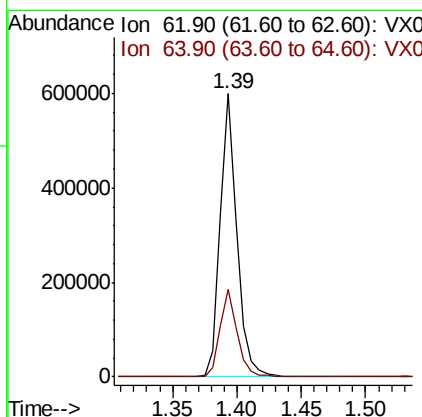
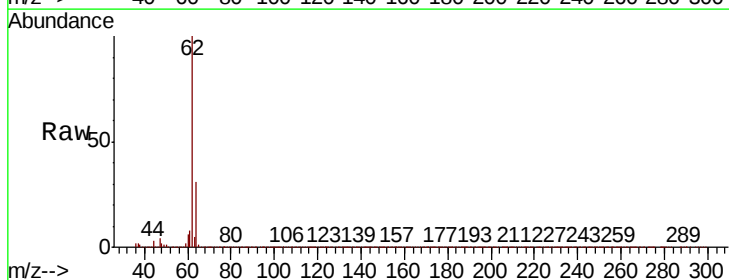
Instrument :
MSVOA_X
ClientSampleId :

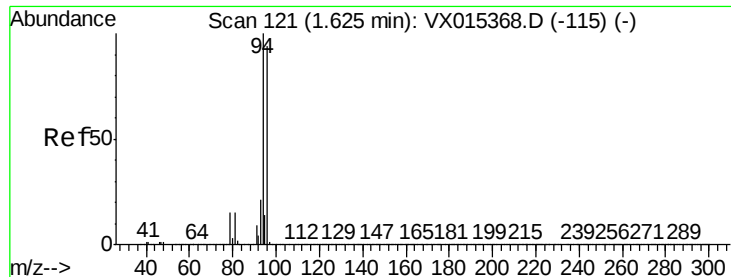
Tot Ion: 50 Resp: 592525
Ion Ratio Lower Upper
50 100
52 32.0 25.3 37.9



#4
Vinyl Chloride
Concen: 46.917 ug/l
RT: 1.39 min Scan# 83
Delta R.T. -0.00 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Tgt Ion: 62 Resp: 553916
Ion Ratio Lower Upper
62 100
64 31.0 26.0 39.0





#5

Bromomethane

Concen: 62.277 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

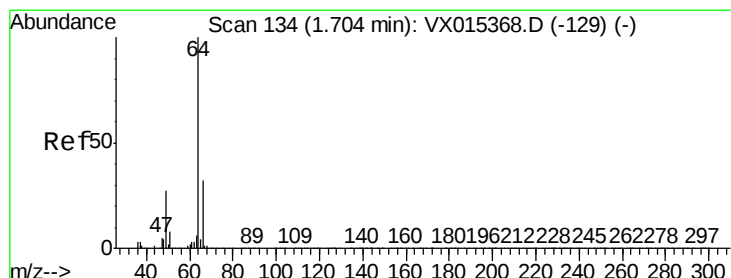
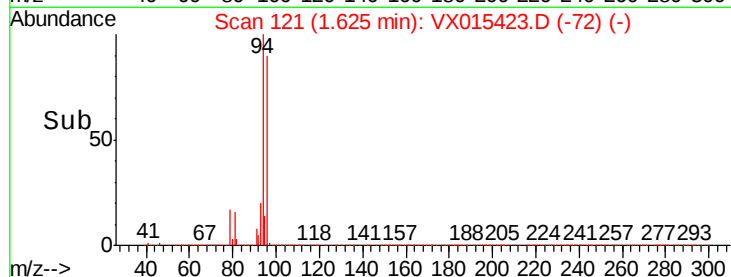
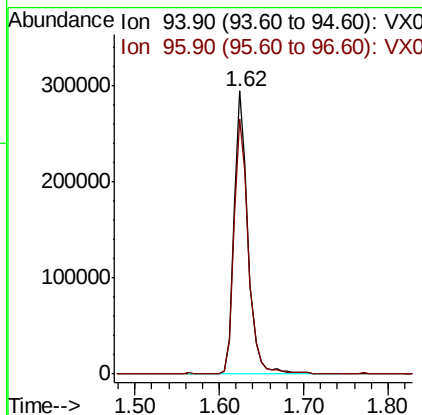
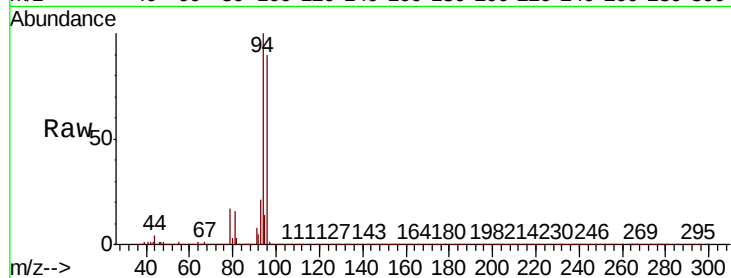
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 328117

Ion Ratio Lower Upper

94 100

96 90.2 74.8 112.2



#6

Chloroethane

Concen: 46.015 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015423.D

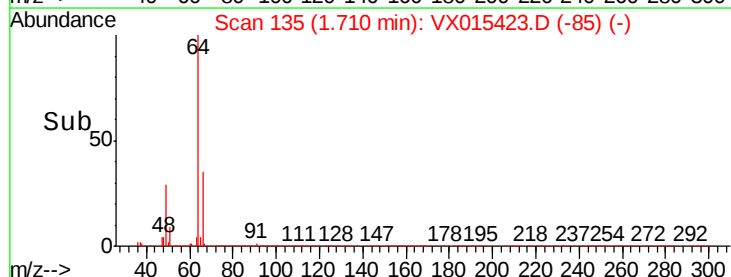
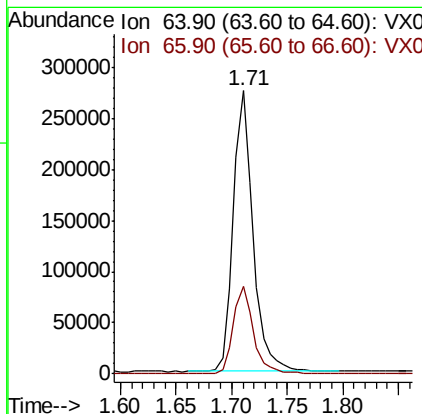
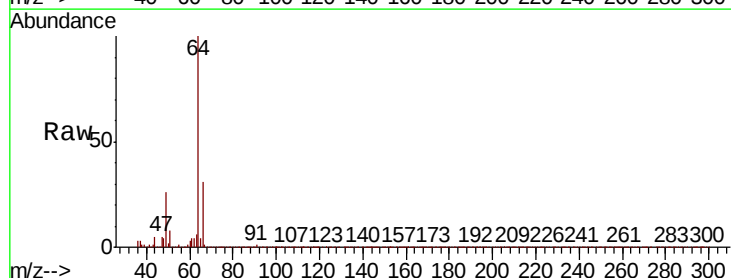
Acq: 30 Mar 2020 12:49

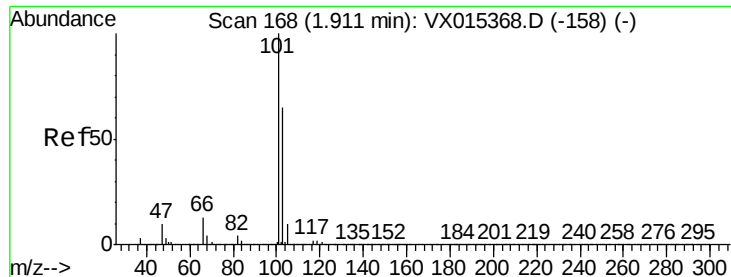
Tgt Ion: 64 Resp: 336932

Ion Ratio Lower Upper

64 100

66 31.1 25.4 38.2



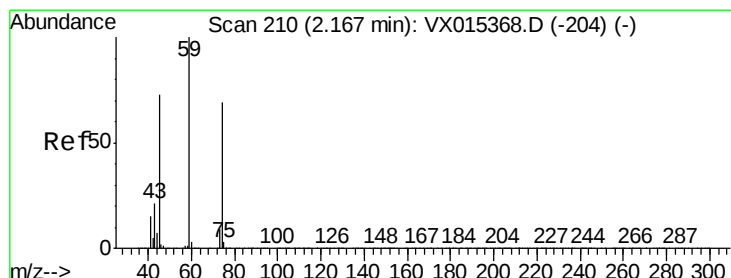
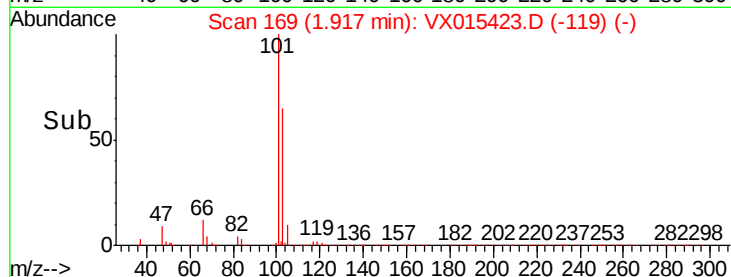
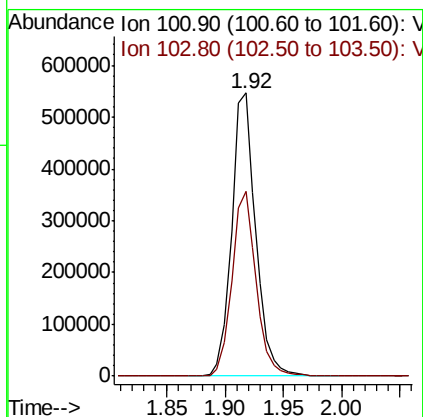
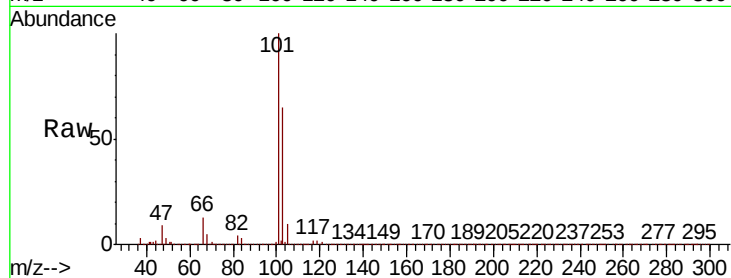


#7

Trichlorofluoromethane
Concen: 49.625 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Instrument :
MSVOA_X
ClientSampleId :

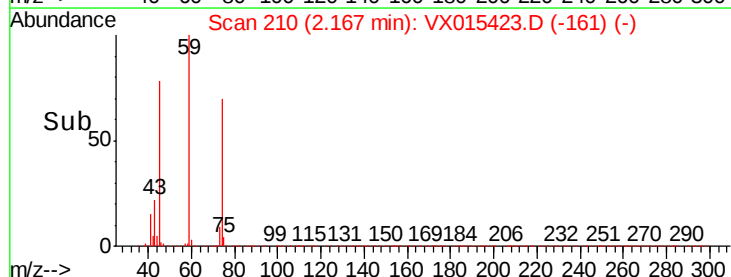
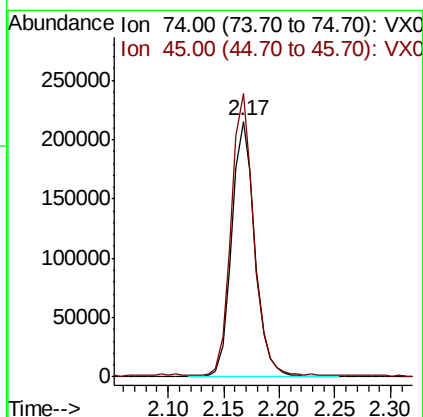
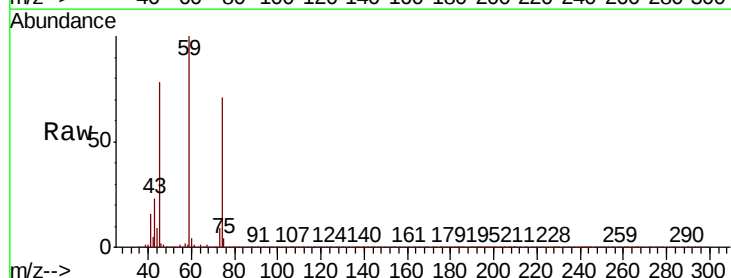
Tot Ion:101 Resp: 785718
Ion Ratio Lower Upper
101 100
103 65.2 52.3 78.5

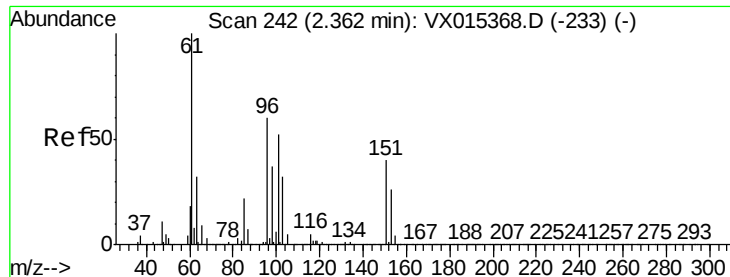


#8

Diethyl Ether
Concen: 45.995 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Tgt Ion: 74 Resp: 307164
Ion Ratio Lower Upper
74 100
45 107.9 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.023 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.00 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Instrument :

MSVOA_X

ClientSampleId :

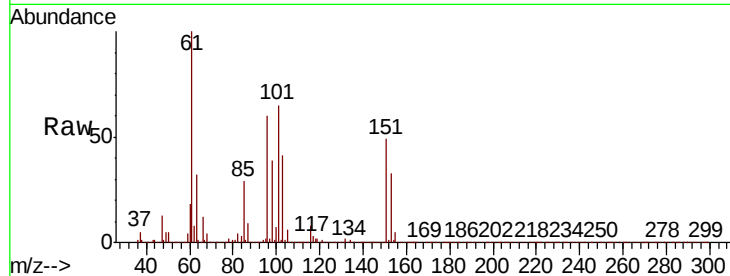
Tot Ion:101 Resp: 516323

Ion Ratio Lower Upper

101 100

85 44.4 35.0 52.4

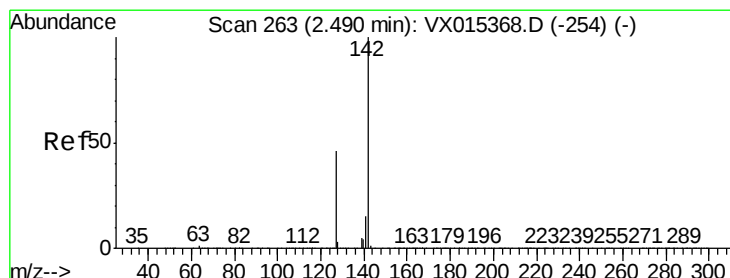
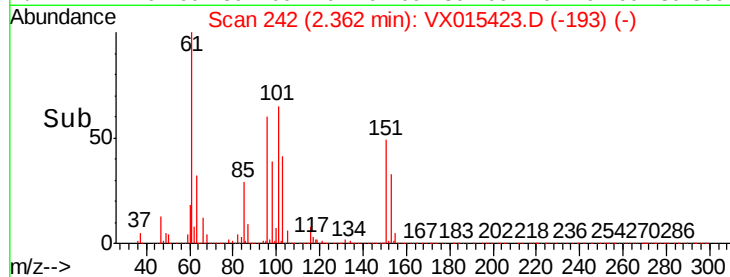
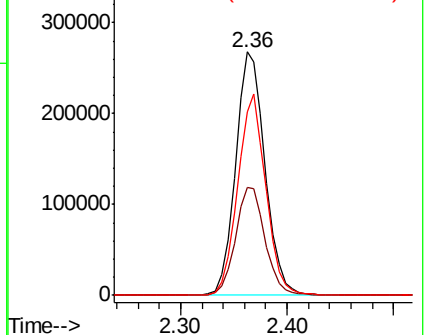
151 79.3 64.1 96.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.004 ug/l

RT: 2.49 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

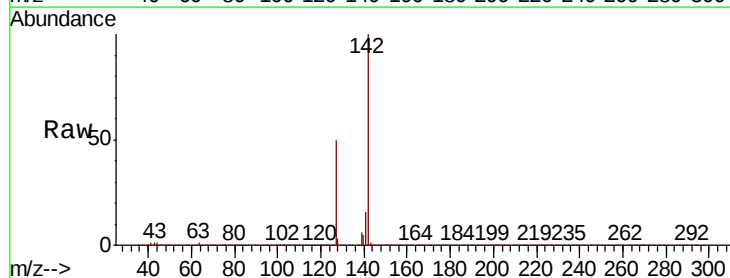
Tgt Ion:142 Resp: 640199

Ion Ratio Lower Upper

142 100

127 46.2 35.9 53.9

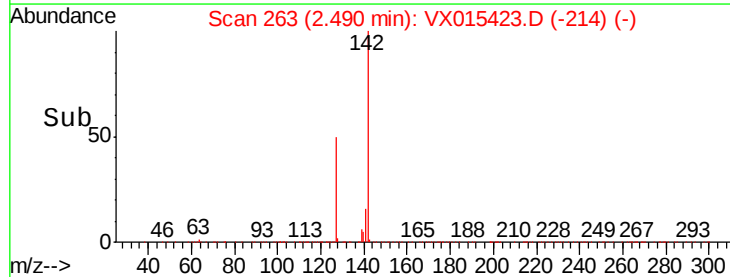
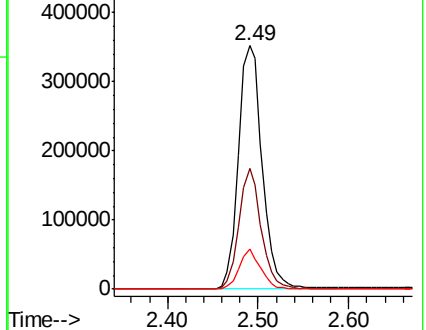
141 15.0 11.6 17.4

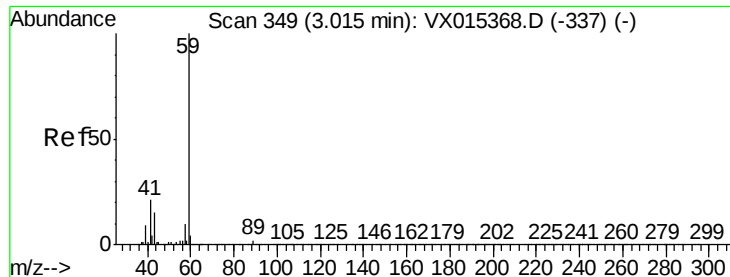


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



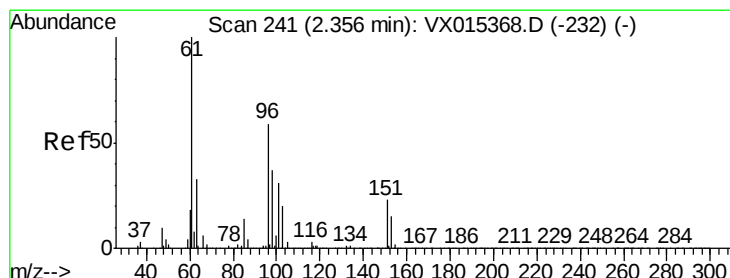
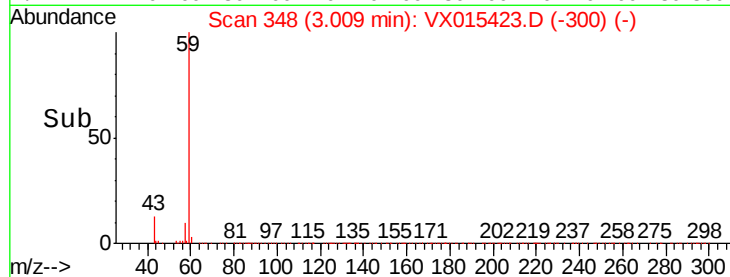
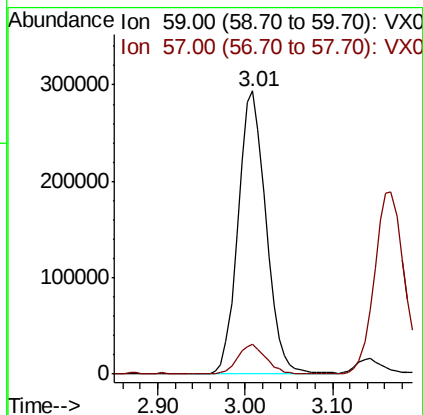
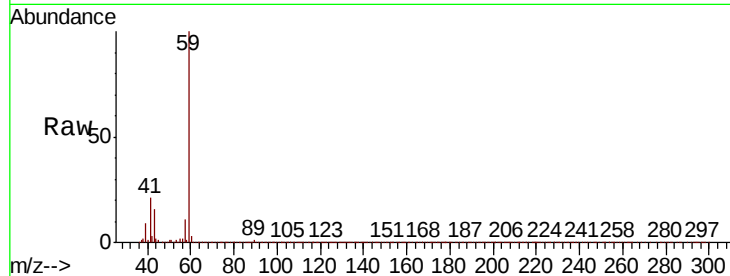


#11

Tert butyl alcohol
Concen: 167.899 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Instrument :
MSVOA_X
ClientSampleId :

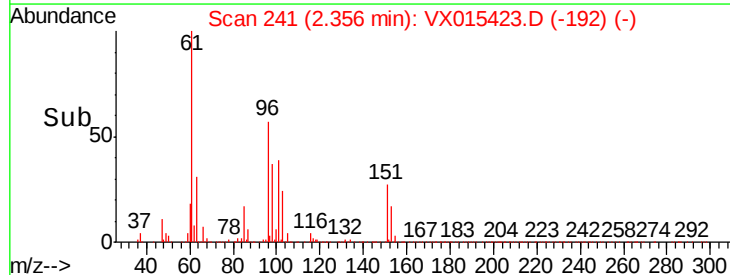
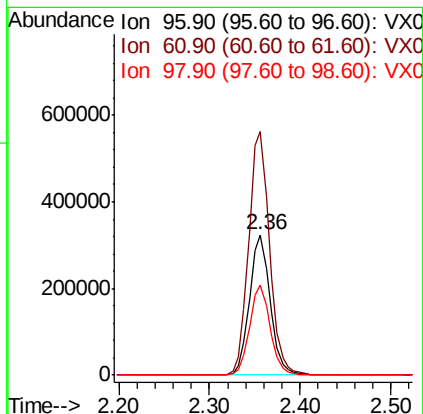
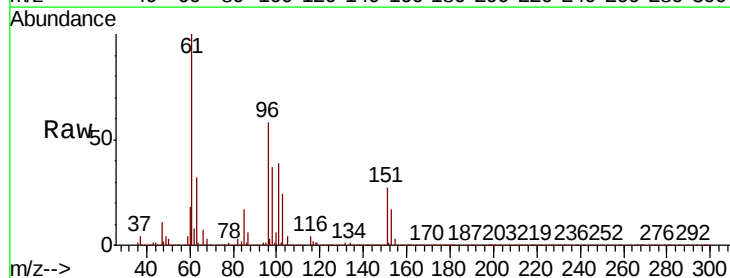
Tot Ion: 59 Resp: 649554
Ion Ratio Lower Upper
59 100
57 10.4 8.1 12.1

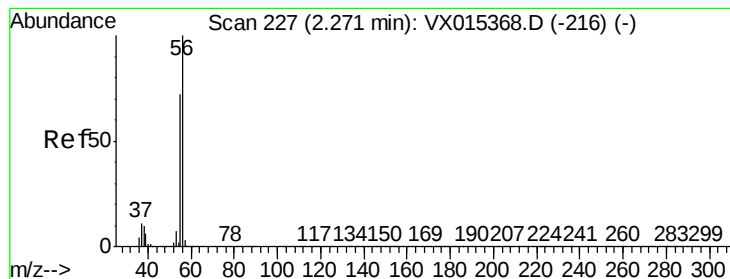


#12

1,1-Dichloroethene
Concen: 46.958 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Tgt Ion: 96 Resp: 508053
Ion Ratio Lower Upper
96 100
61 173.9 135.7 203.5
98 64.3 50.6 75.8





#13

Acrolein

Concen: 228.454 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.00 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Instrument :

MSVOA_X

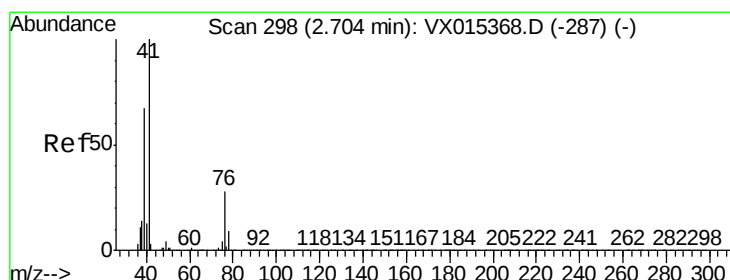
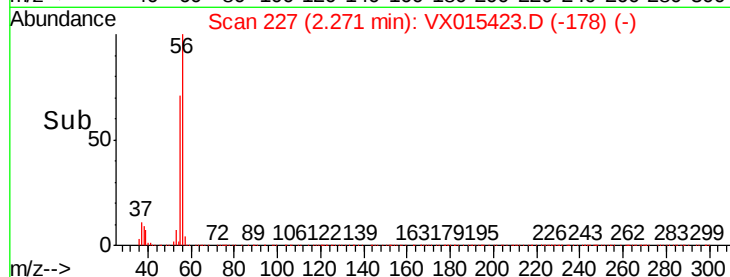
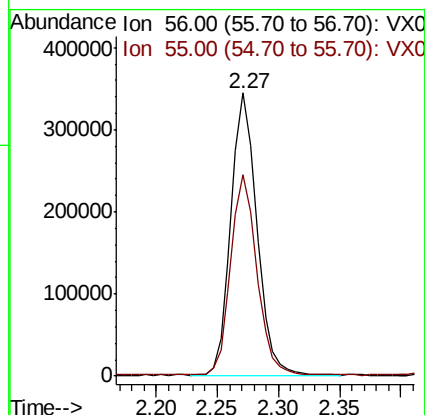
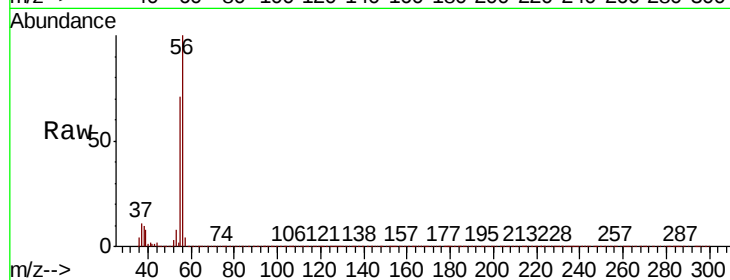
ClientSampleId :

Tot Ion: 56 Resp: 503465

Ion Ratio Lower Upper

56 100

55 72.0 57.0 85.4



#14

Allyl chloride

Concen: 45.574 ug/l

RT: 2.70 min Scan# 298

Delta R.T. -0.00 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

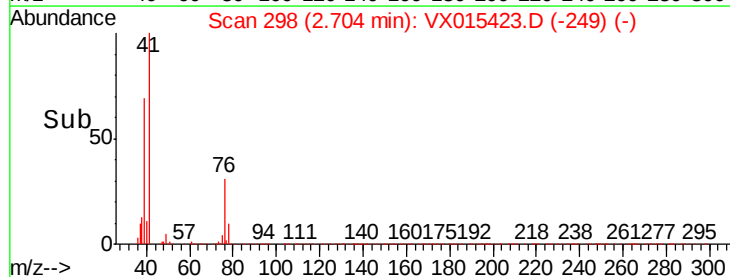
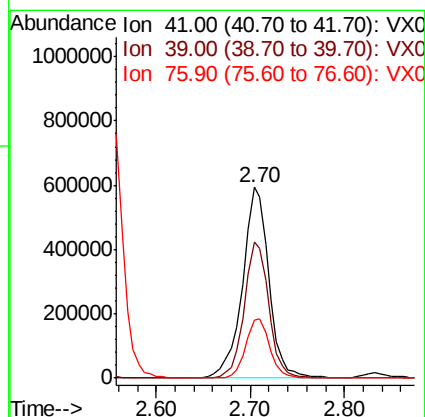
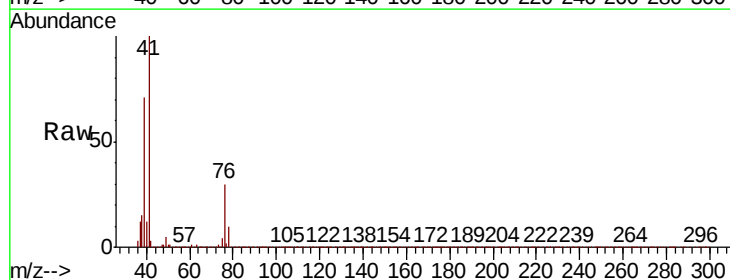
Tgt Ion: 41 Resp: 1152143

Ion Ratio Lower Upper

41 100

39 66.4 51.4 77.0

76 28.4 21.8 32.8





#15

Acrylonitrile

Concen: 216.845 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

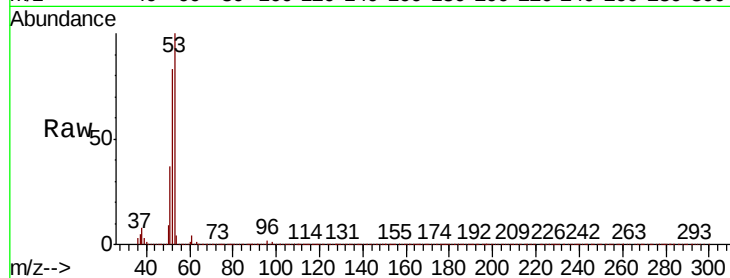
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 1599860

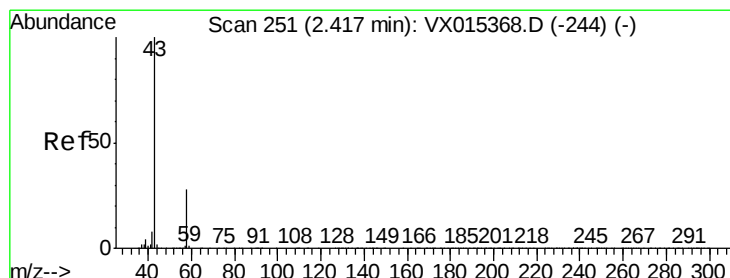
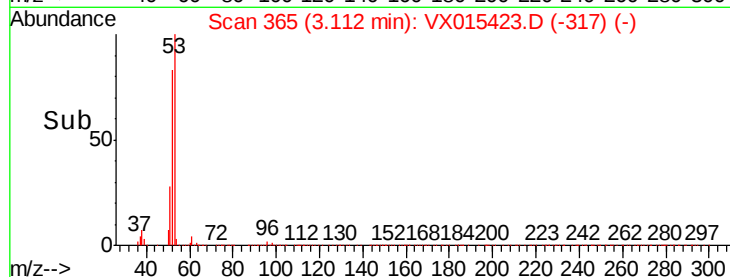
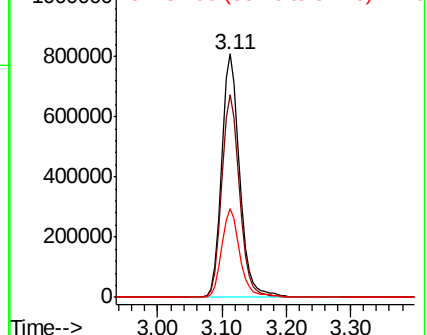
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.8	100.2
51	37.0	29.5	44.3



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 204.500 ug/l

RT: 2.42 min Scan# 251

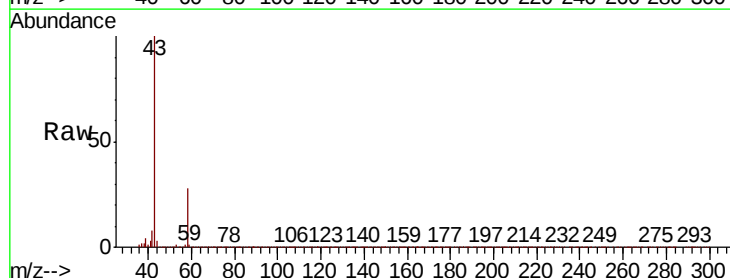
Delta R.T. -0.00 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

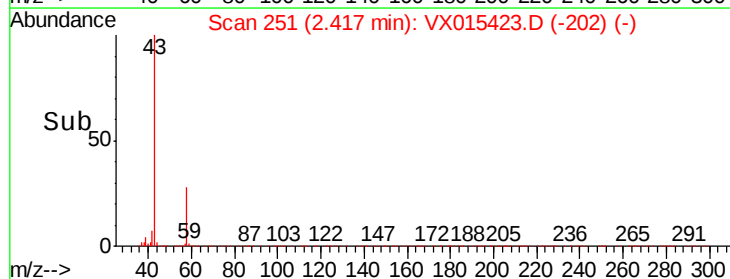
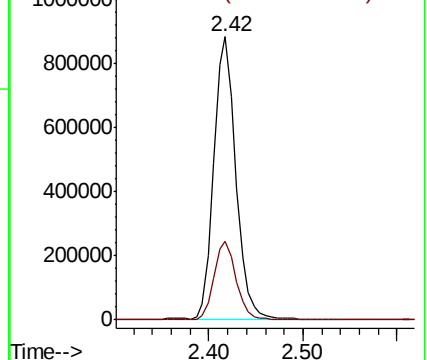
Tgt Ion: 43 Resp: 1420051

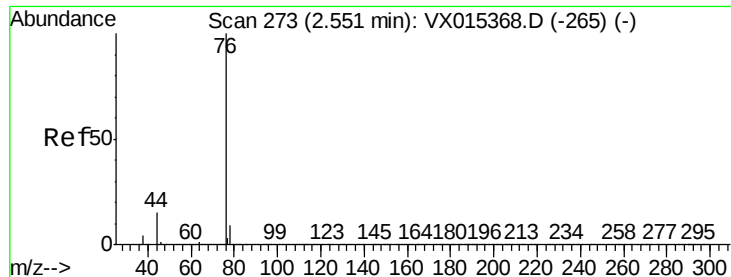
Ion	Ratio	Lower	Upper
43	100		
58	27.6	22.1	33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 46.321 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Instrument :

MSVOA_X

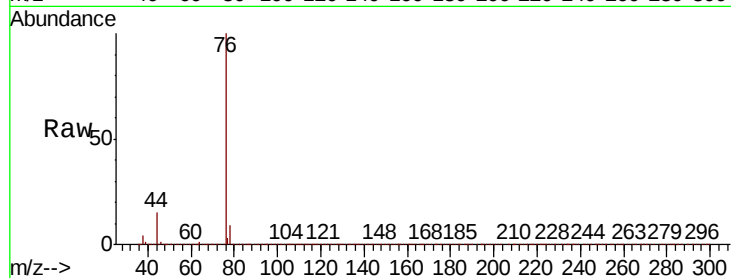
ClientSampled :

Tot Ion: 76 Resp: 1528852

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

1000000

800000

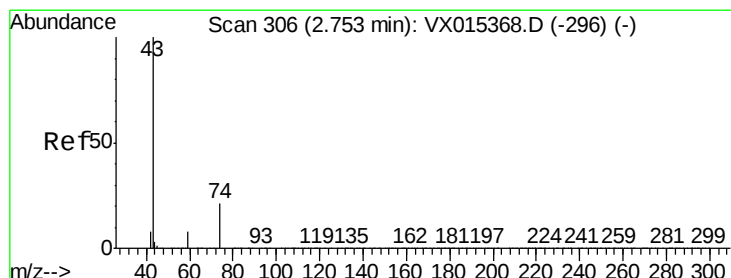
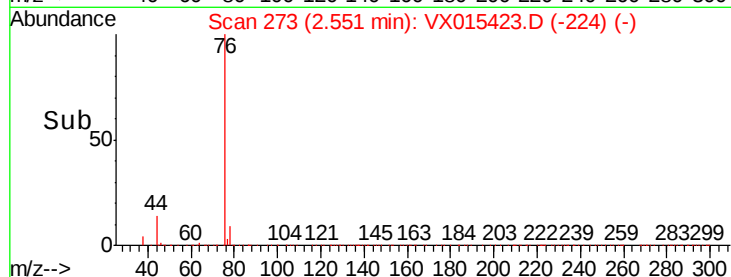
600000

400000

200000

0

Time-->



#18

Methyl Acetate

Concen: 41.962 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015423.D

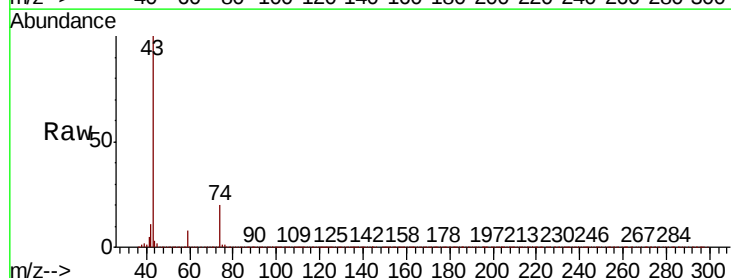
Acq: 30 Mar 2020 12:49

Tgt Ion: 43 Resp: 743688

Ion Ratio Lower Upper

43 100

74 21.2 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

500000

400000

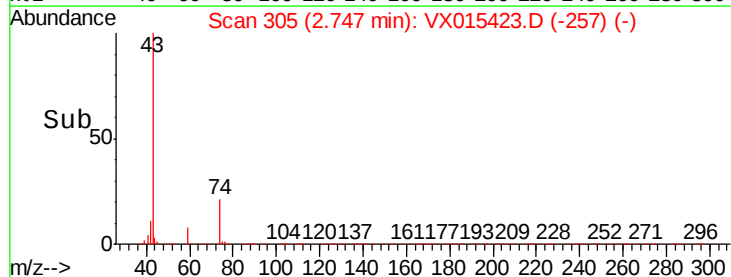
300000

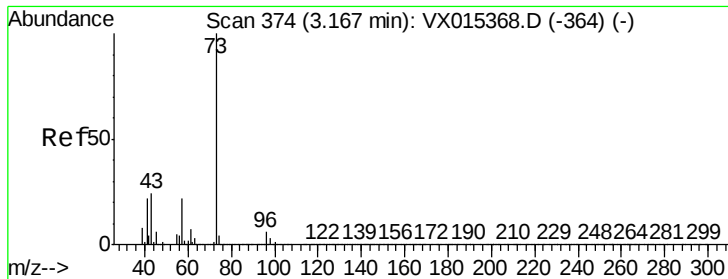
200000

100000

0

Time-->

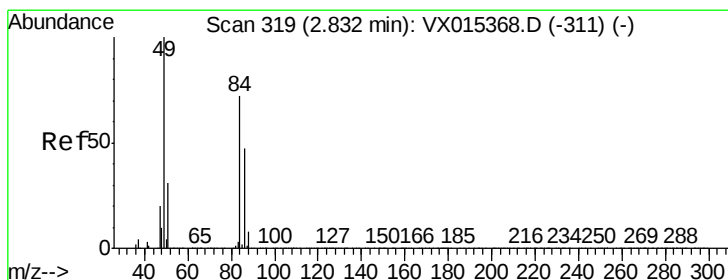
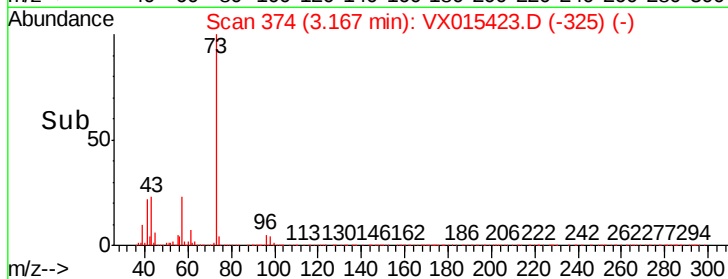
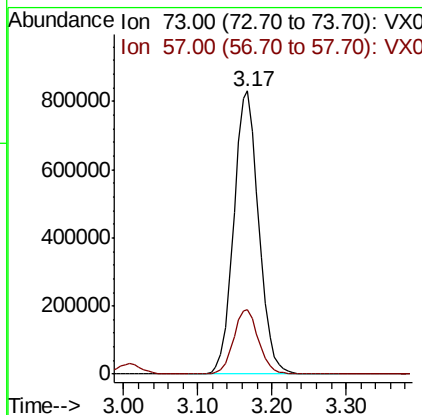
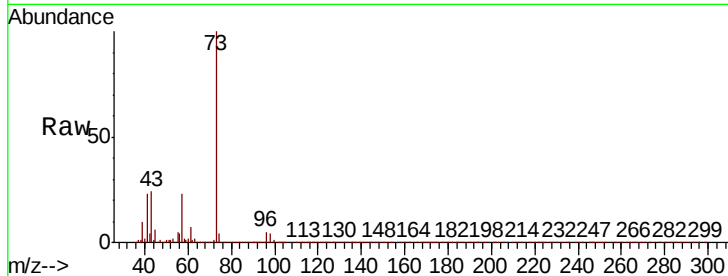




#19
Methyl tert-butyl Ether
Concen: 46.337 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

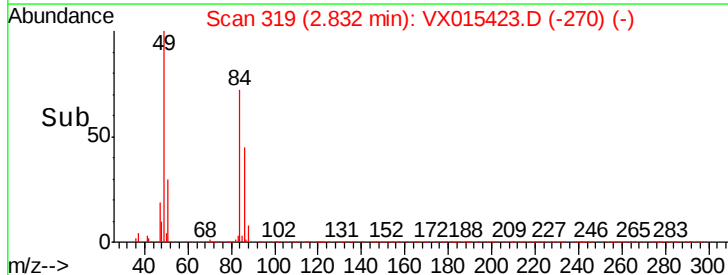
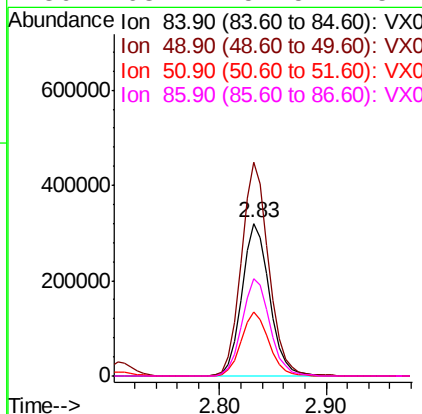
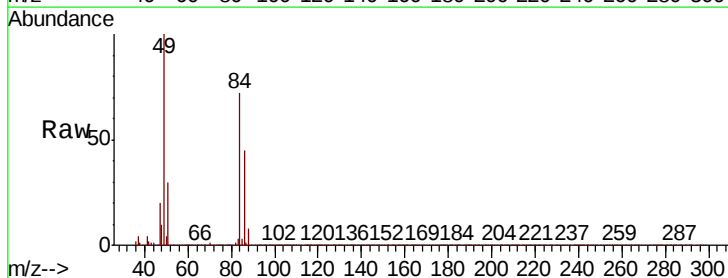
Instrument :
MSVOA_X
ClientSampleId :

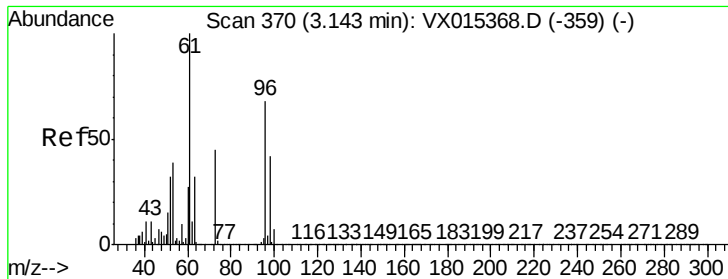
Tot Ion: 73 Resp: 1944389
Ion Ratio Lower Upper
73 100
57 22.7 17.9 26.9



#20
Methylene Chloride
Concen: 44.952 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.00 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Tgt Ion: 84 Resp: 583051
Ion Ratio Lower Upper
84 100
49 139.7 111.3 166.9
51 41.8 34.0 51.0
86 63.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 46.210 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

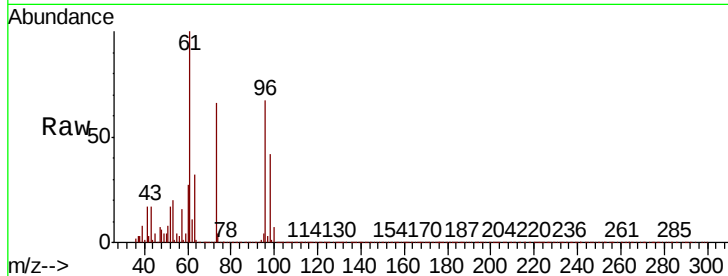
Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 554872

Ion	Ratio	Lower	Upper
96	100		
61	148.2	116.9	175.3
98	62.4	48.6	73.0



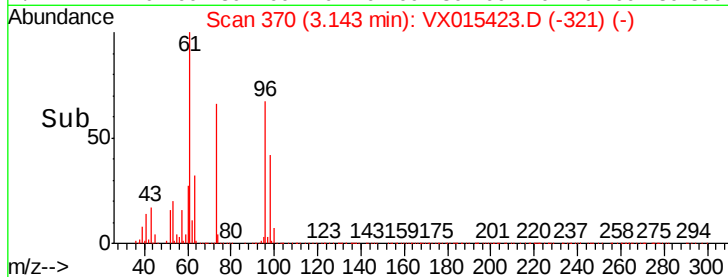
Abundance

Ion 95.90 (95.60 to 96.60): VX0

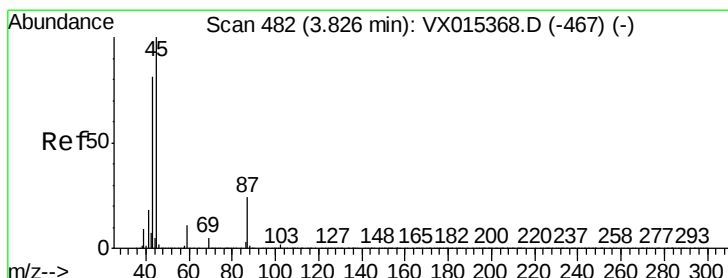
Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Time-->



Time-->



#22

Diisopropyl ether

Concen: 47.424 ug/l

RT: 3.82 min Scan# 481

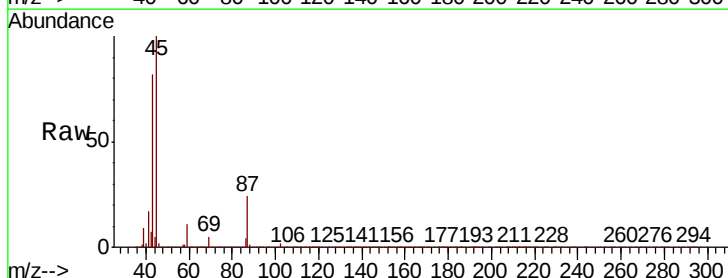
Delta R.T. -0.01 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Tgt Ion: 45 Resp: 2124427

Ion	Ratio	Lower	Upper
45	100		
43	81.2	64.7	97.1
87	23.9	19.4	29.0
59	10.4	8.7	13.1



Abundance

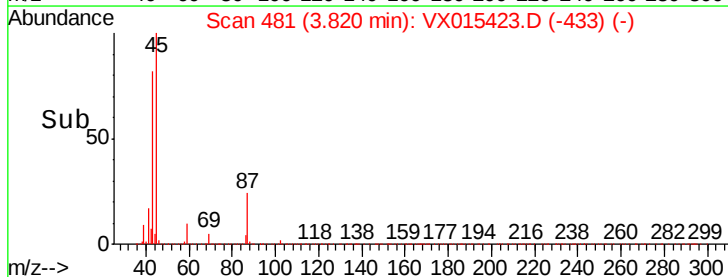
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

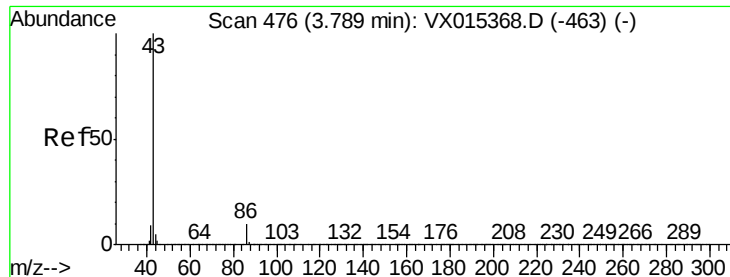
Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

Time-->



Time-->



#23

Vinyl Acetate

Concen: 234.576 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

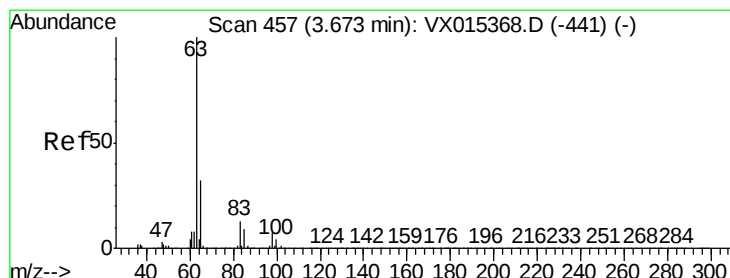
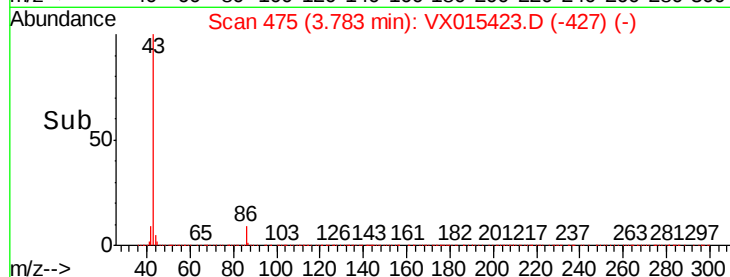
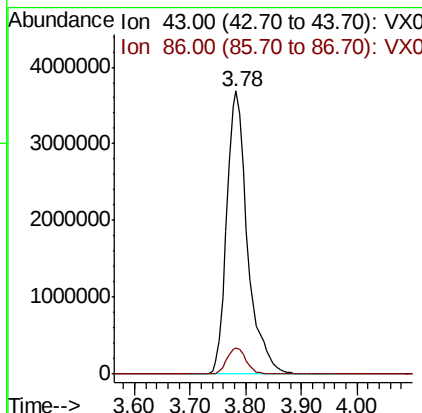
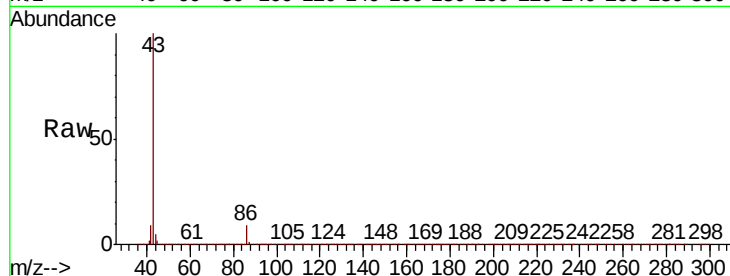
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 9514225

Ion Ratio Lower Upper

43 100

86 9.4 7.8 11.6



#24

1,1-Dichloroethane

Concen: 45.261 ug/l

RT: 3.67 min Scan# 456

Delta R.T. -0.01 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

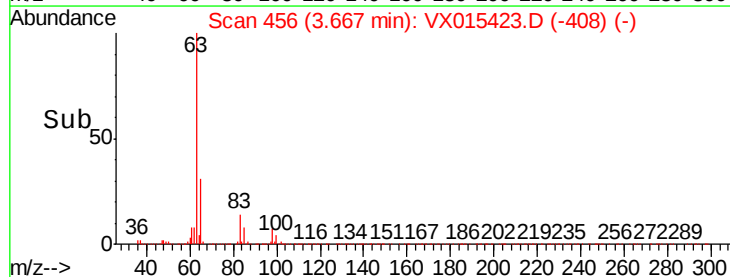
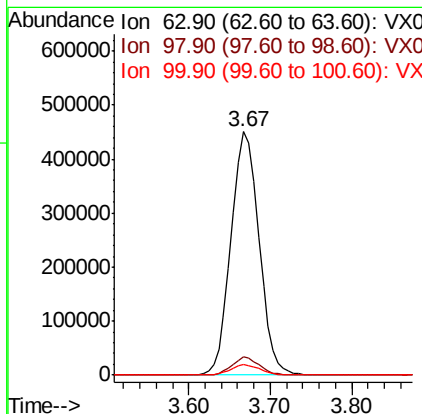
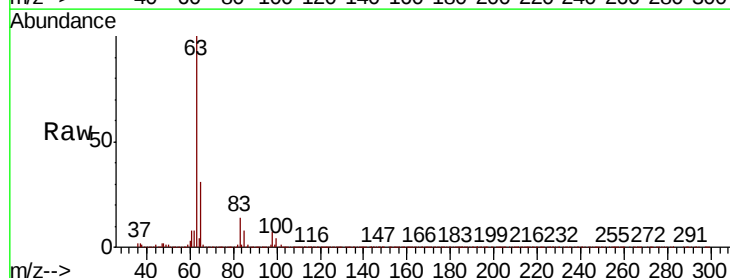
Tgt Ion: 63 Resp: 1067540

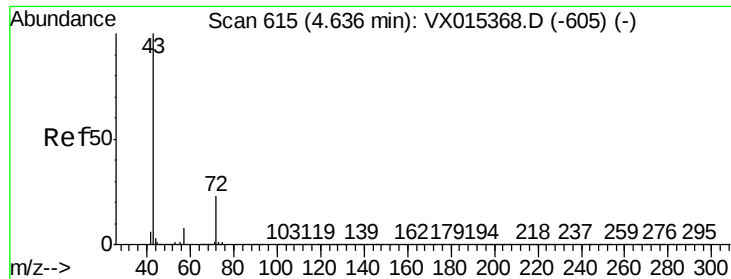
Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.8

100 4.3 2.1 6.5





#25

2-Butanone

Concen: 203.737 ug/l

RT: 4.63 min Scan# 614

Delta R.T. -0.01 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Instrument :

MSVOA_X

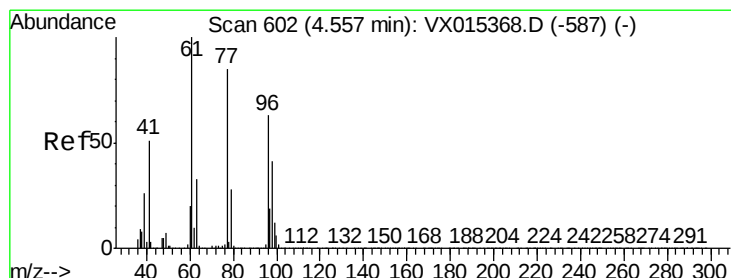
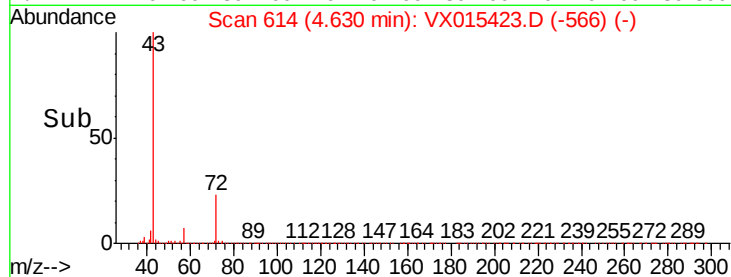
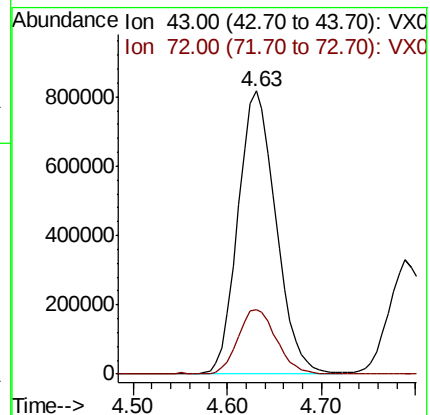
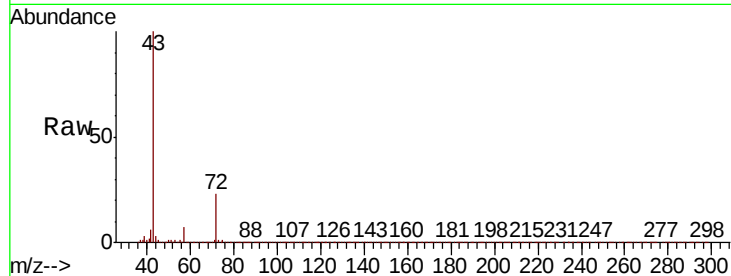
ClientSampled :

Tot Ion: 43 Resp: 2275218

Ion Ratio Lower Upper

43 100

72 22.7 19.0 28.4



#26

2,2-Dichloropropane

Concen: 50.163 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015423.D

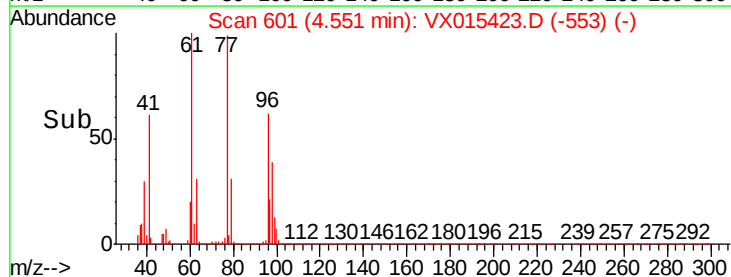
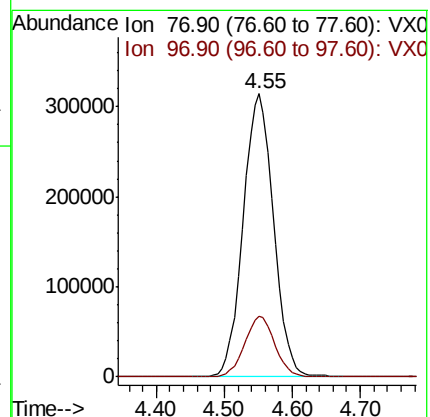
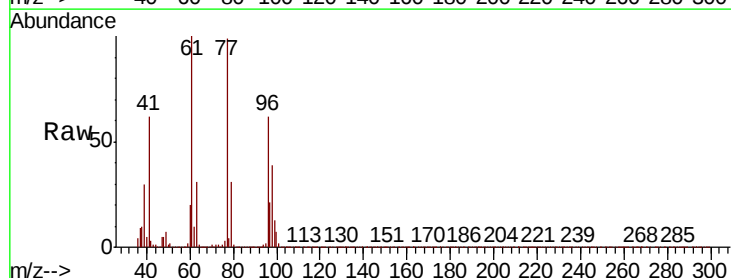
Acq: 30 Mar 2020 12:49

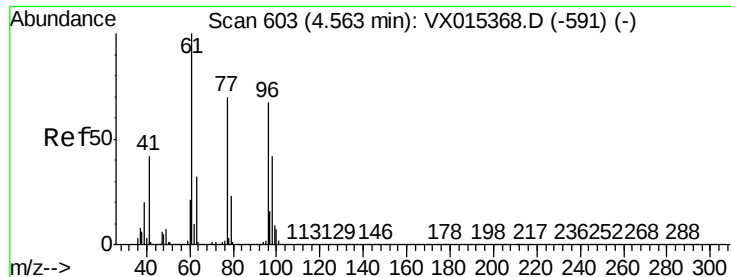
Tgt Ion: 77 Resp: 971152

Ion Ratio Lower Upper

77 100

97 21.6 11.3 33.8



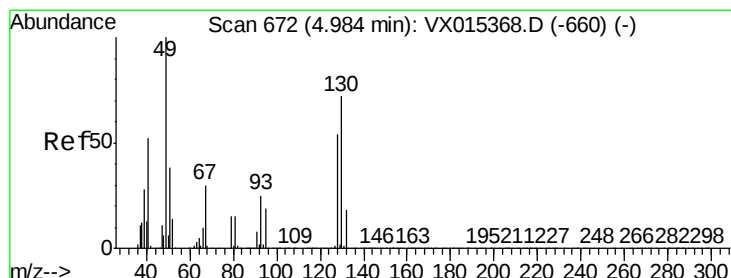
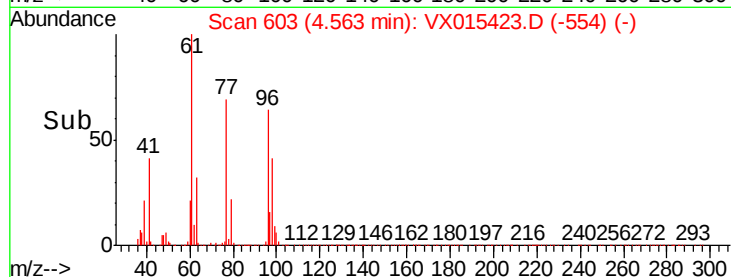
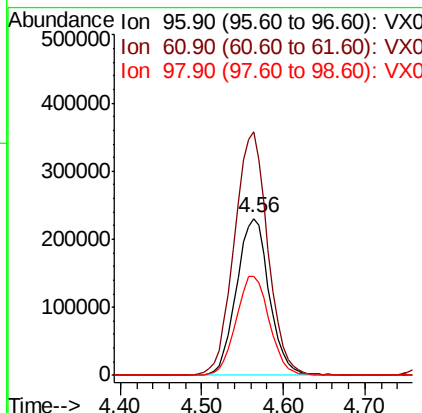
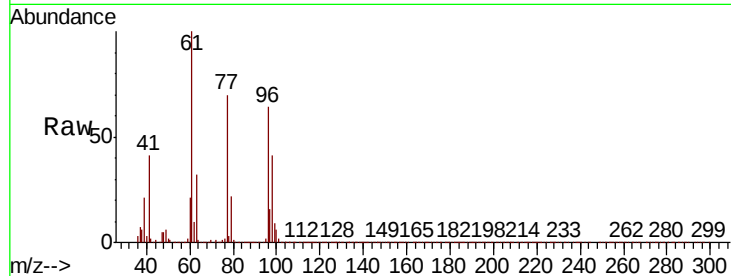


#27

cis-1,2-Dichloroethene
Concen: 46.003 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Instrument :
MSVOA_X
ClientSampleId :

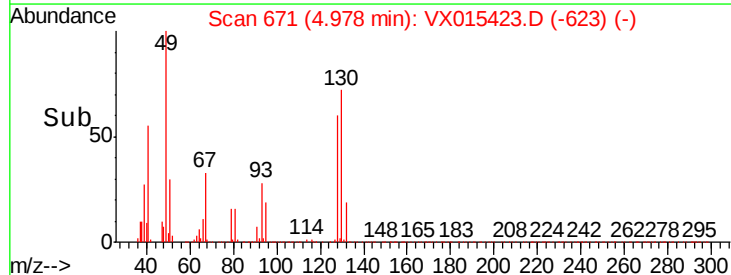
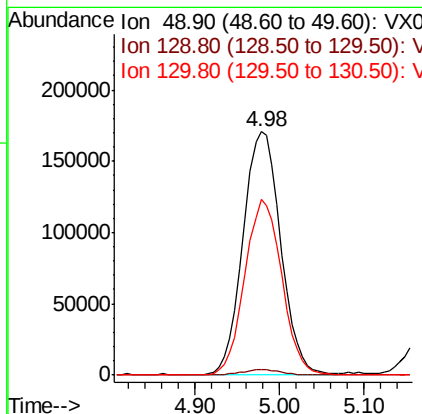
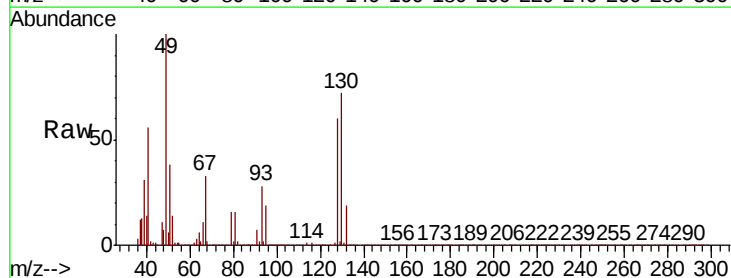
Tot Ion	Ratio	Lower	Upper
96	100		
61	160.1	0.0	308.4
98	64.5	0.0	129.2

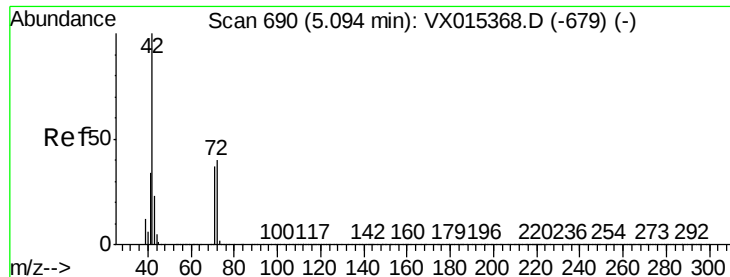


#28

Bromochloromethane
Concen: 46.264 ug/l
RT: 4.98 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.4
130	70.2	57.7	86.5





#29

Tetrahydrofuran

Concen: 207.441 ug/l

RT: 5.09 min Scan# 689

Delta R.T. -0.01 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Instrument :

MSVOA_X

ClientSampleId :

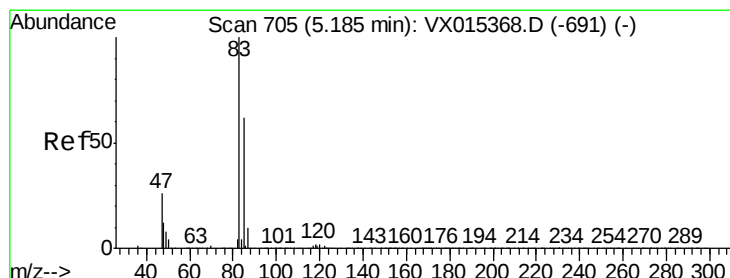
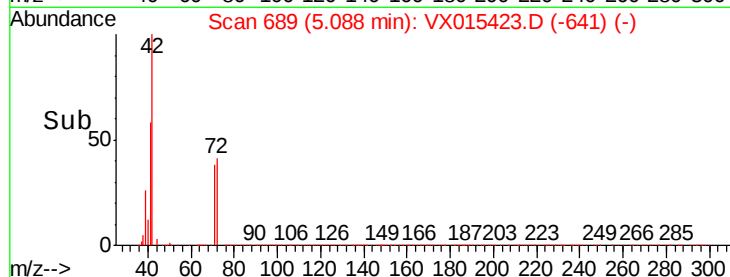
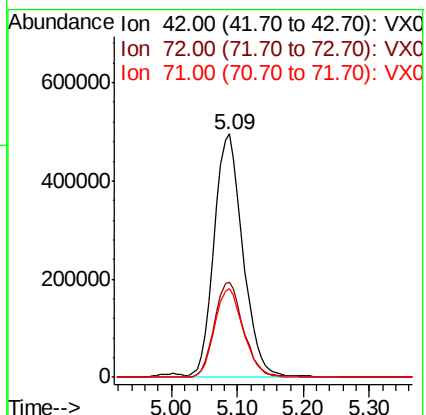
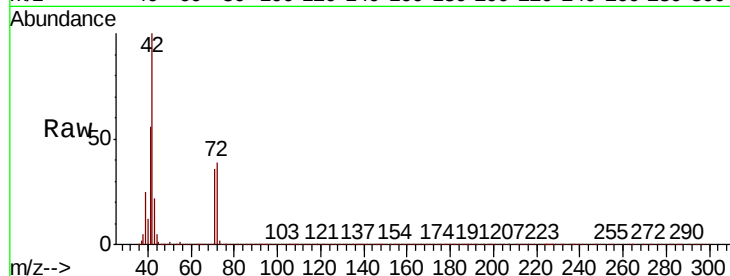
Tot Ion: 42 Resp: 1489268

Ion Ratio Lower Upper

42 100

72 39.7 31.7 47.5

71 36.7 29.6 44.4



#30

Chloroform

Concen: 46.218 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015423.D

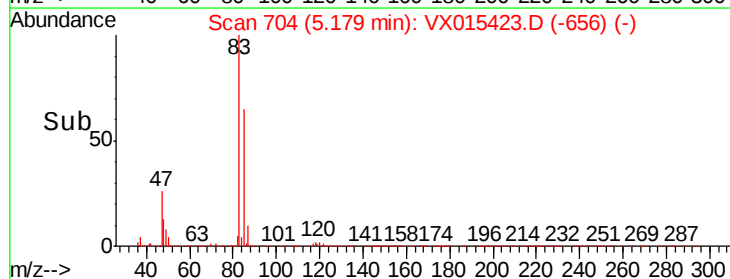
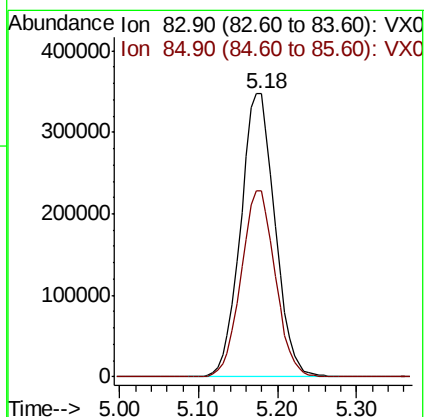
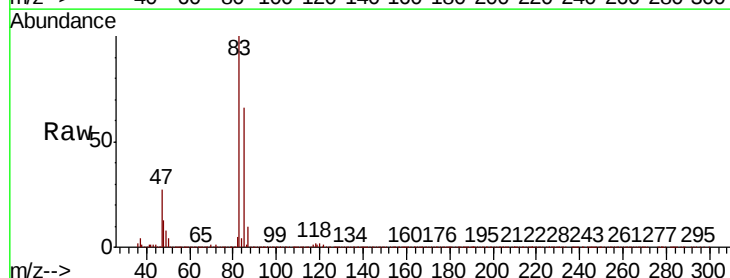
Acq: 30 Mar 2020 12:49

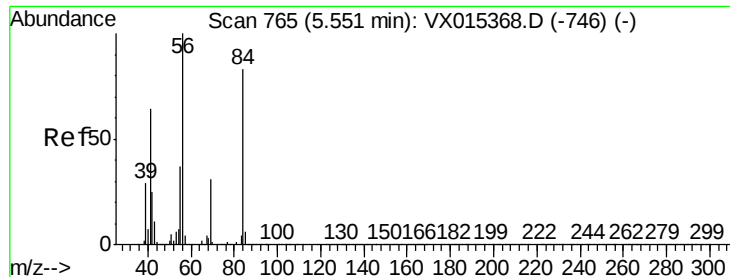
Tgt Ion: 83 Resp: 1048773

Ion Ratio Lower Upper

83 100

85 65.8 49.5 74.3

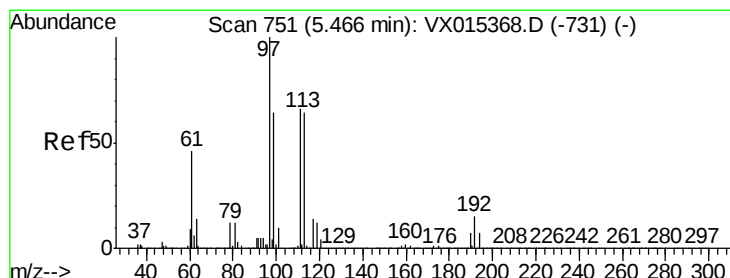
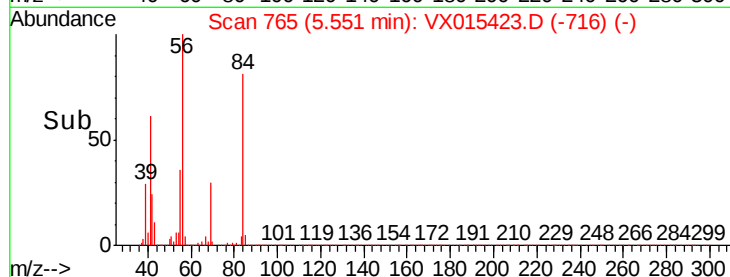
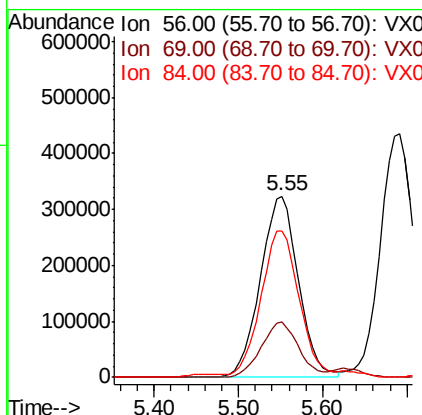
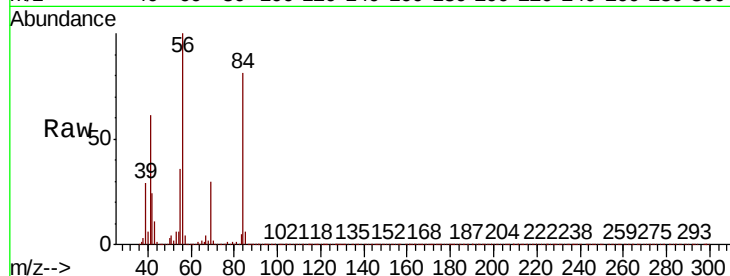




#31
Cyclohexane
Concen: 49.059 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

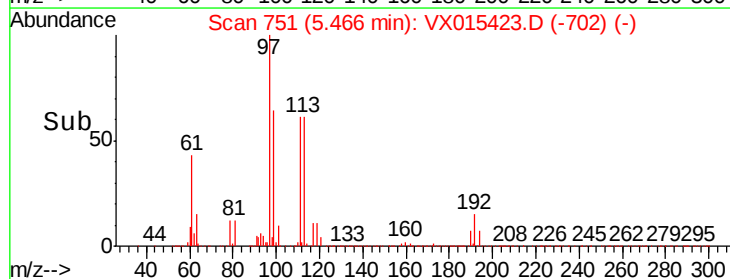
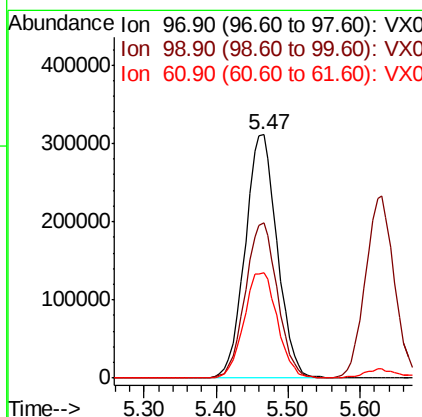
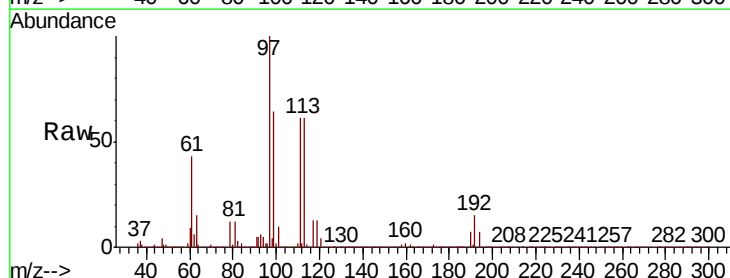
Instrument :
MSVOA_X
ClientSampled :

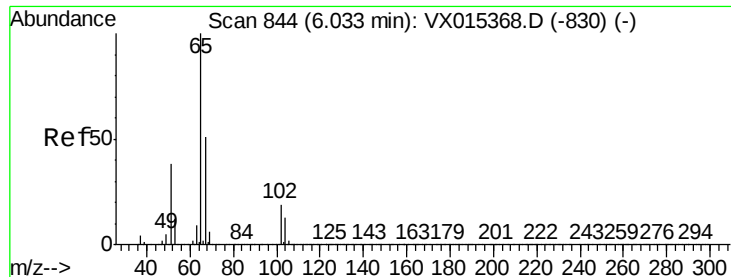
Tot Ion: 56 Resp: 1003793
Ion Ratio Lower Upper
56 100
69 30.4 24.6 36.8
84 79.6 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 46.671 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Tgt Ion: 97 Resp: 958451
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.4
61 45.1 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 46.597 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.00 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Instrument :

MSVOA_X

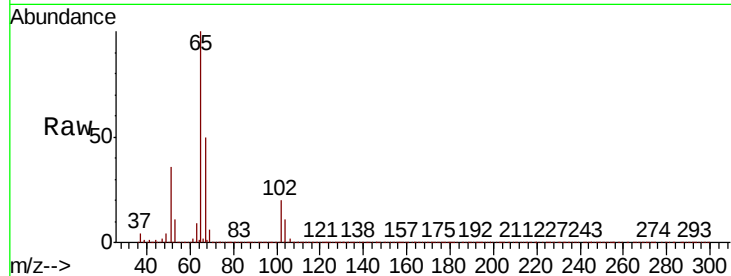
ClientSampleId :

Tot Ion: 65 Resp: 753146

Ion Ratio Lower Upper

65 100

67 50.8 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

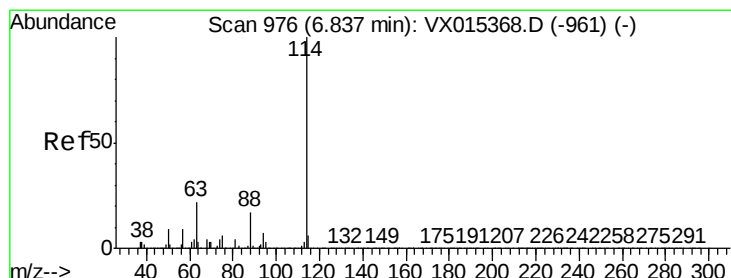
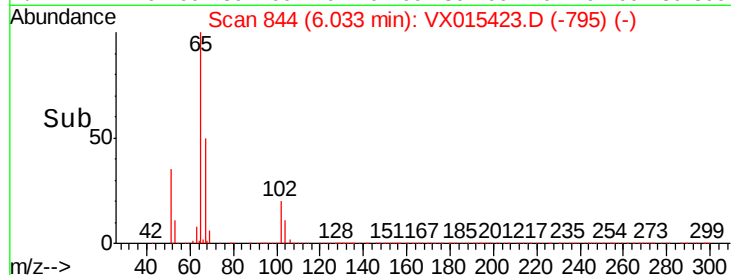
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

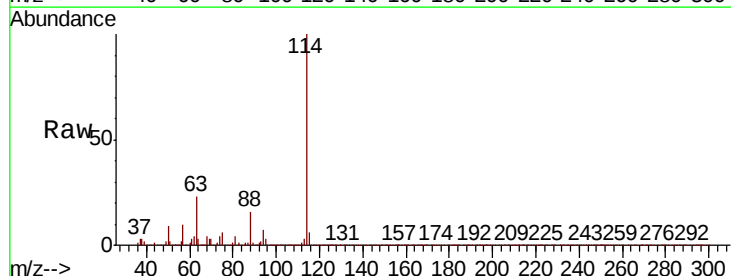
Tgt Ion: 114 Resp: 1770701

Ion Ratio Lower Upper

114 100

63 22.9 0.0 44.2

88 16.4 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

1000000

800000

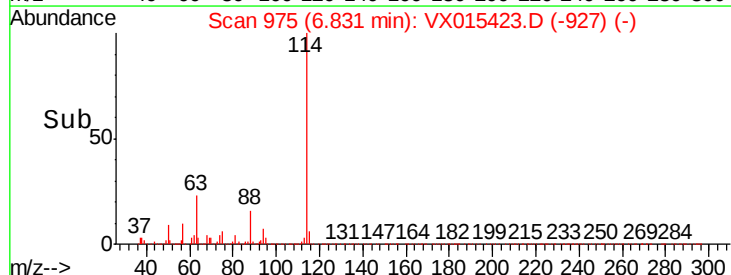
600000

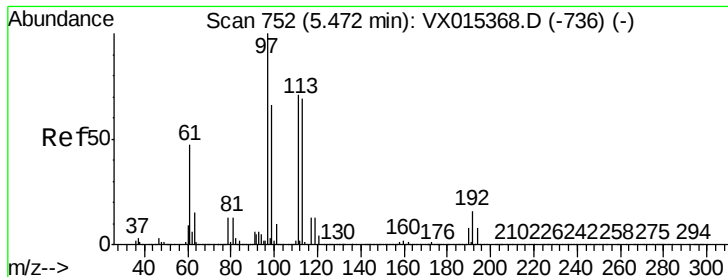
400000

200000

0

Time-->





#35

Dibromofluoromethane

Concen: 48.838 ug/l

RT: 5.47 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Instrument :
MSVOA_X
ClientSampled :

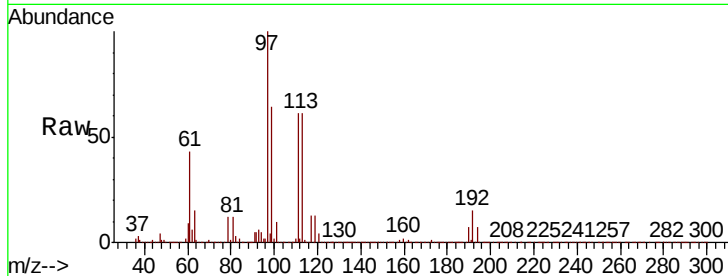
Tot Ion:113 Resp: 552791

Ion Ratio Lower Upper

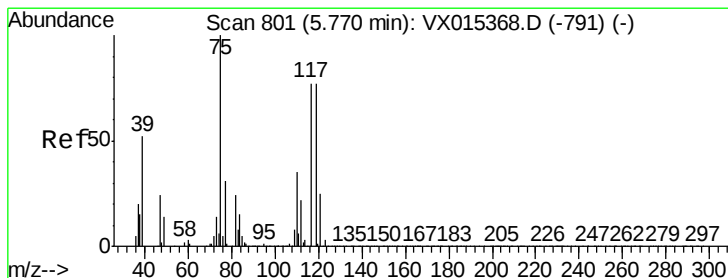
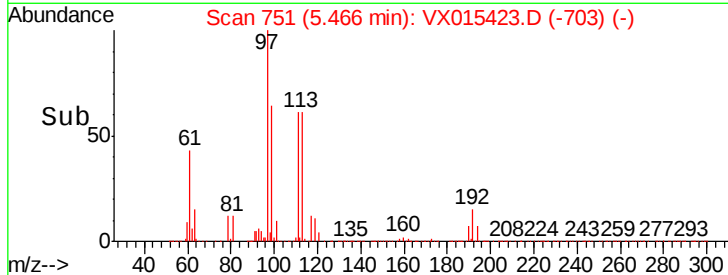
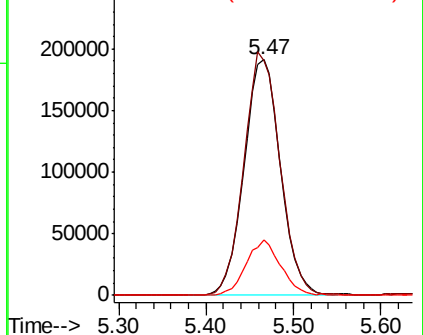
113 100

111 101.7 81.5 122.3

192 22.3 17.8 26.6



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.845 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.00 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

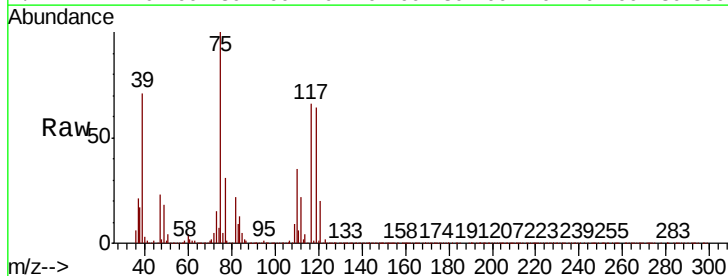
Tgt Ion: 75 Resp: 796904

Ion Ratio Lower Upper

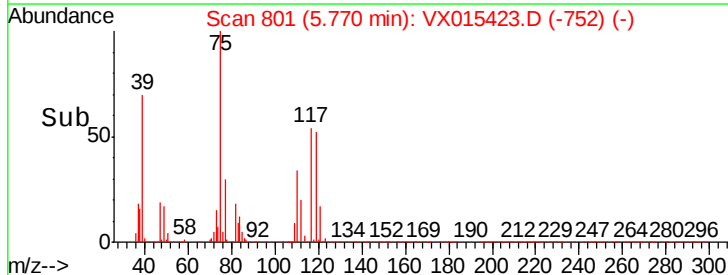
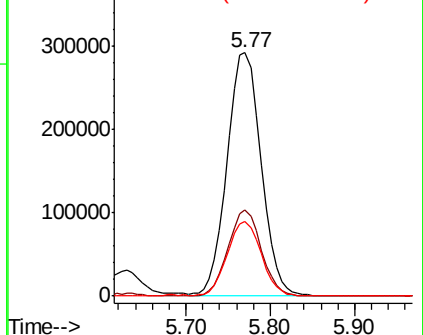
75 100

110 34.5 17.1 51.3

77 30.3 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

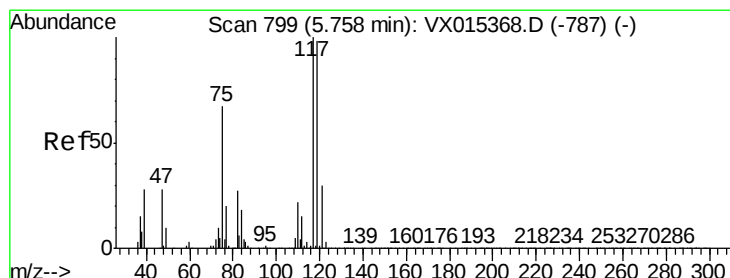
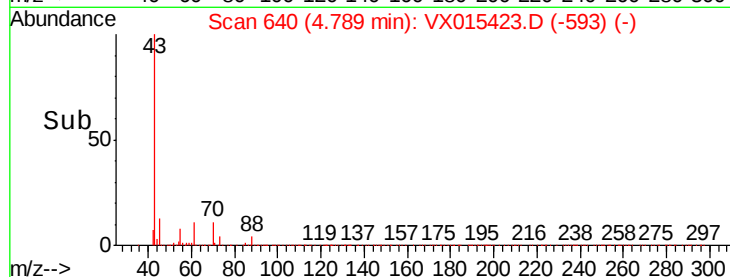
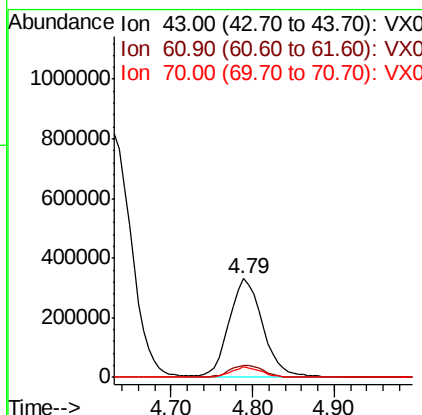
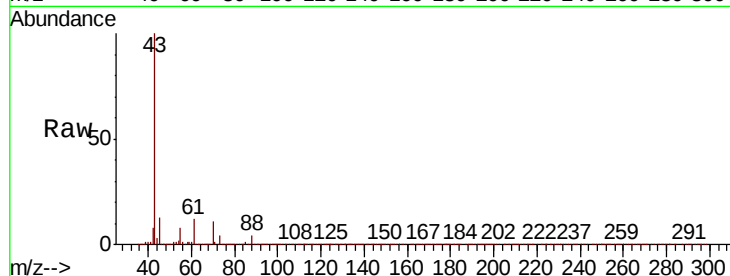




#37
Ethyl Acetate
Concen: 43.914 ug/l
RT: 4.79 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

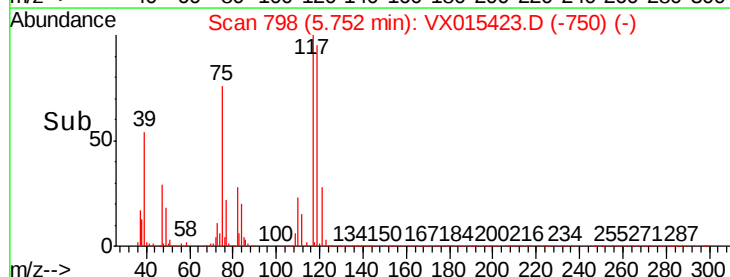
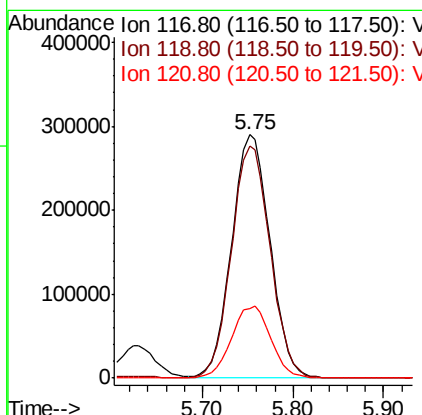
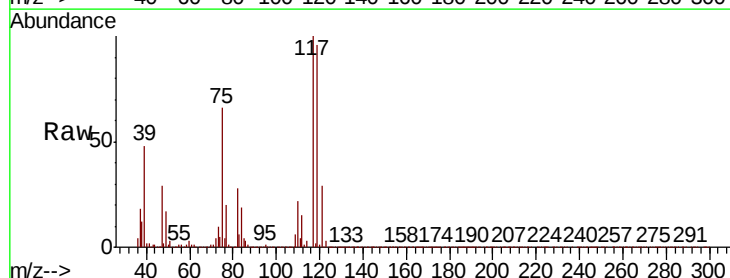
Instrument :
MSVOA_X
ClientSampleId :

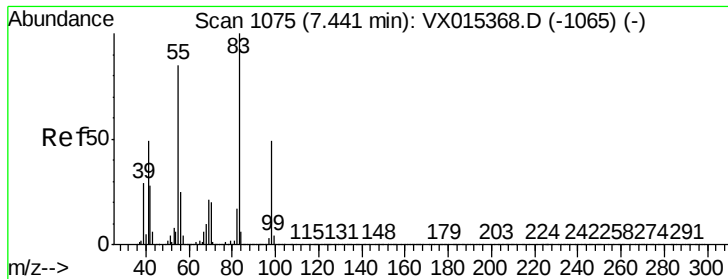
Tot Ion	Ratio	Lower	Upper
43	100		
61	12.1	9.9	14.9
70	10.1	8.1	12.1



#38
Carbon Tetrachloride
Concen: 48.069 ug/l
RT: 5.75 min Scan# 798
Delta R.T. -0.01 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	78.0	117.0
121	28.5	23.8	35.8

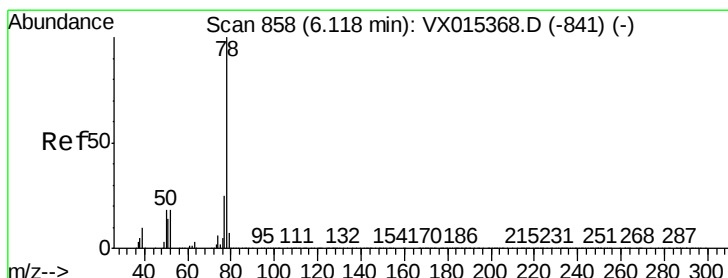
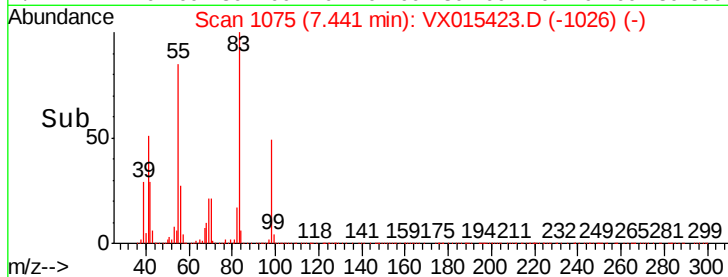
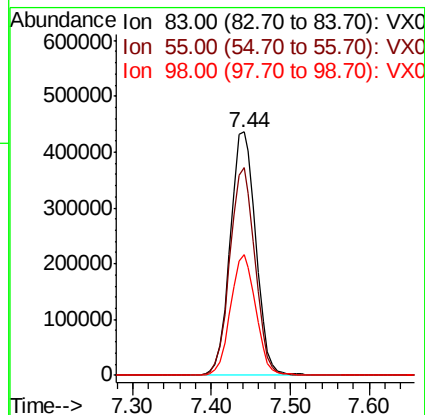
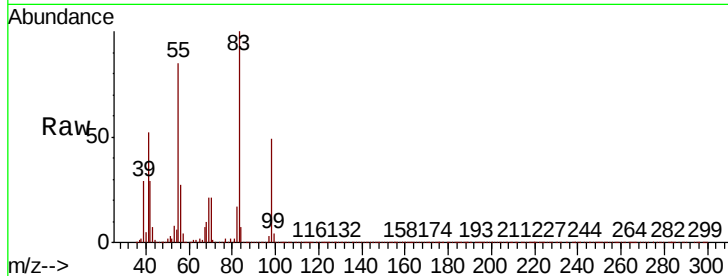




#39
Methvlcvclohexane
Concen: 52.116 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

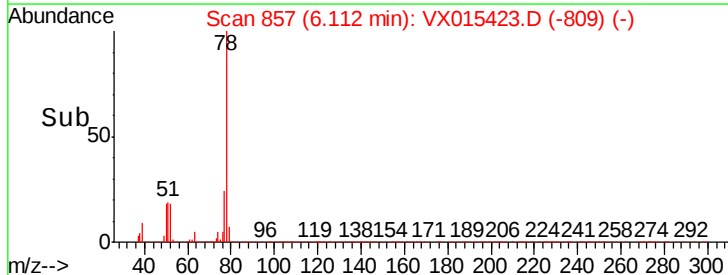
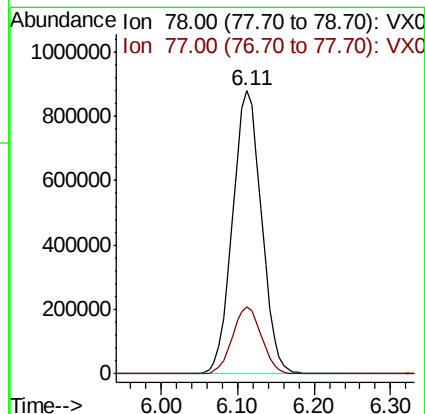
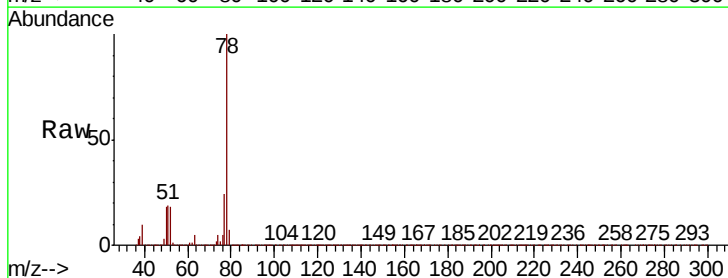
Instrument :
MSVOA_X
ClientSampled :

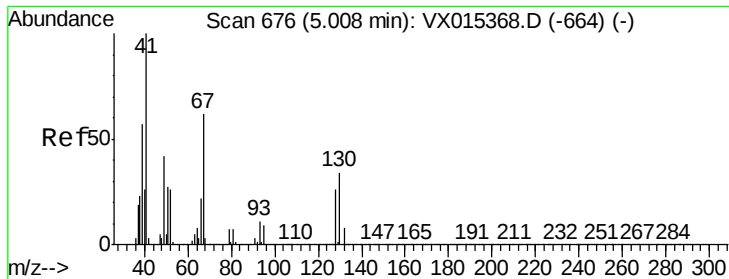
Tot Ion	Ratio	Lower	Upper
83	100		
55	85.1	67.8	101.6
98	49.4	39.3	58.9



#40
Benzene
Concen: 48.066 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.8	29.8

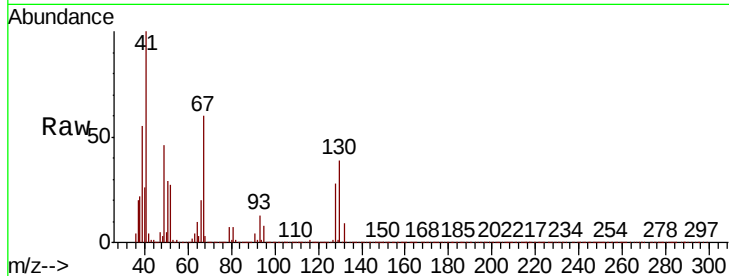




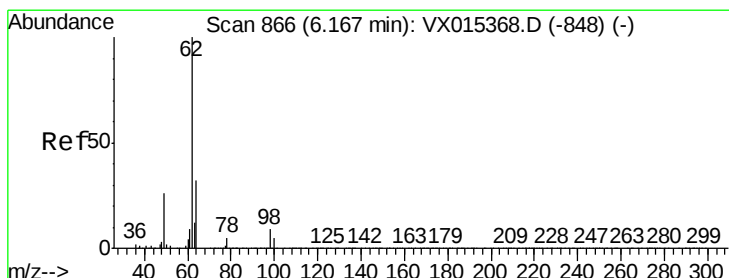
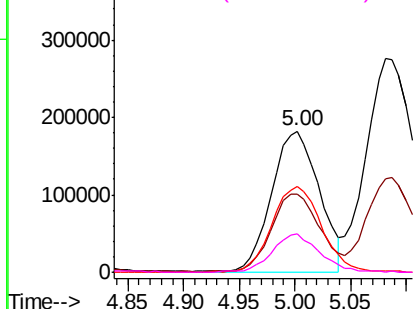
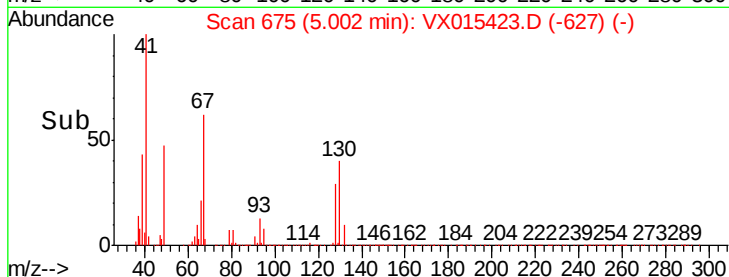
#41
Methacrylonitrile
Concen: 45.774 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	539799
Ion	Ratio	Lower	Upper
41	100		
39	56.6	44.5	66.7
67	63.0	48.9	73.3
52	26.8	21.8	32.6

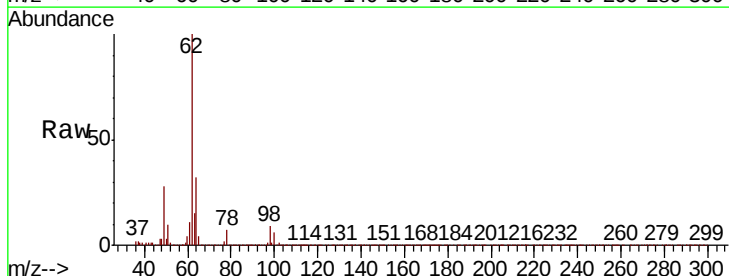


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

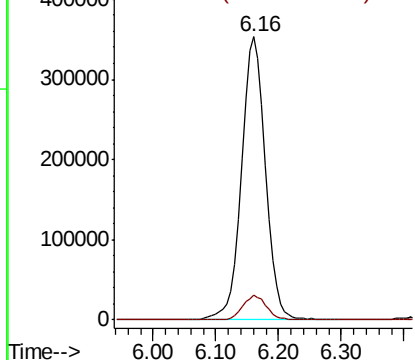
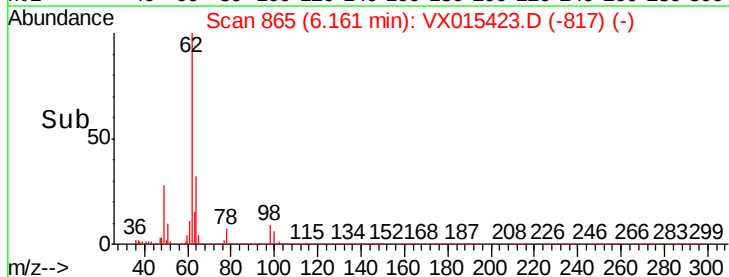


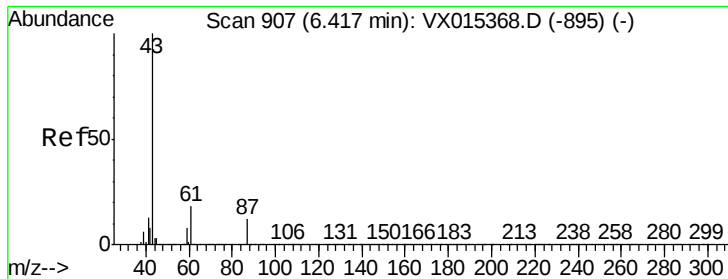
#42
1,2-Dichloroethane
Concen: 48.226 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Tgt Ion:	62	Resp:	925785
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.6



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



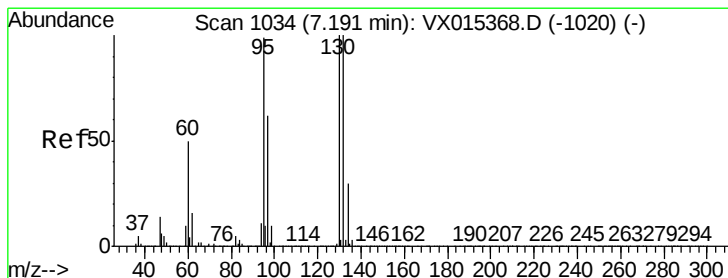
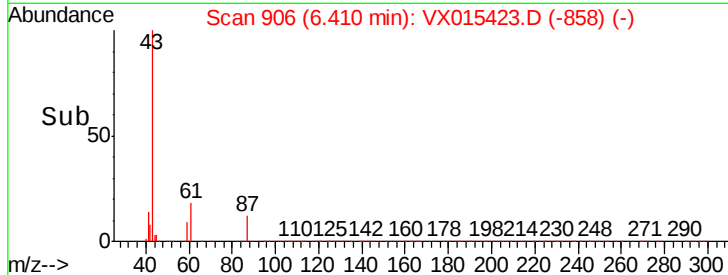
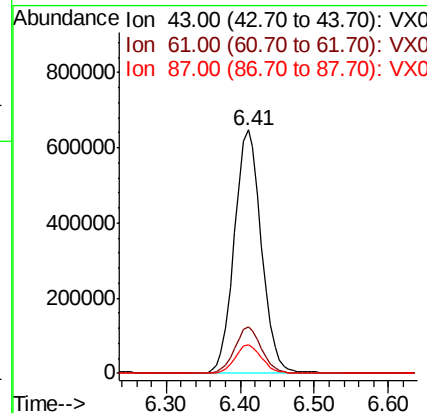
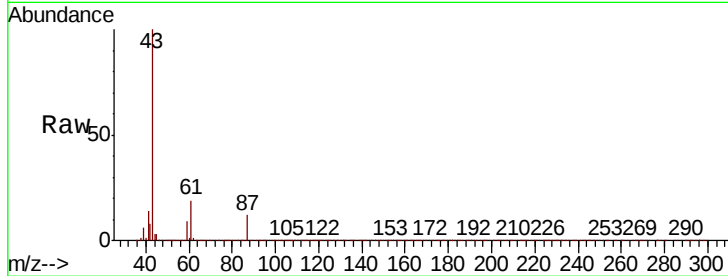


#43

Isopropyl Acetate
 Concen: 45.766 ug/l
 RT: 6.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: VX015423.D
 Acq: 30 Mar 2020 12:49

Instrument :
 MSVOA_X
 ClientSampleId :

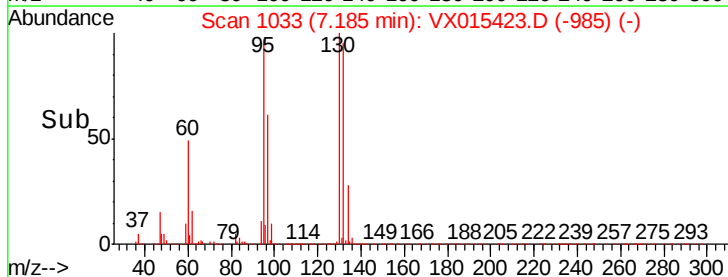
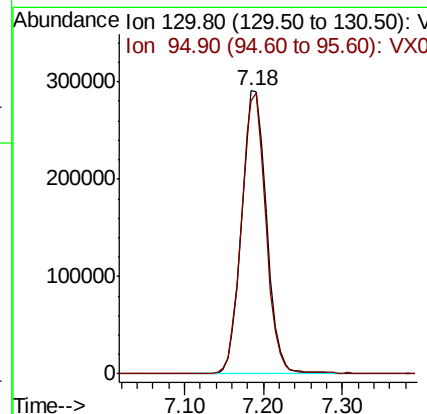
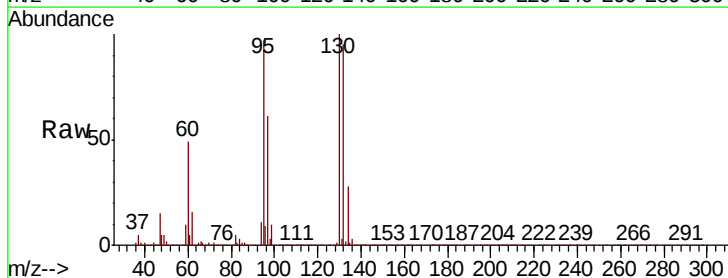
Tot Ion: 43 Resp: 1641199
 Ion Ratio Lower Upper
 43 100
 61 18.7 14.8 22.2
 87 11.6 9.4 14.0

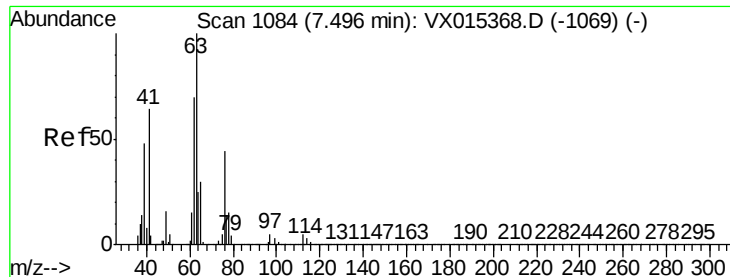


#44

Trichloroethene
 Concen: 48.882 ug/l
 RT: 7.18 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: VX015423.D
 Acq: 30 Mar 2020 12:49

Tgt Ion: 130 Resp: 637128
 Ion Ratio Lower Upper
 130 100
 95 96.6 0.0 199.0





#45

1,2-Dichloropropane

Concen: 47.858 ug/l

RT: 7.49 min Scan# 1083

Delta R.T. -0.01 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Instrument :

MSVOA_X

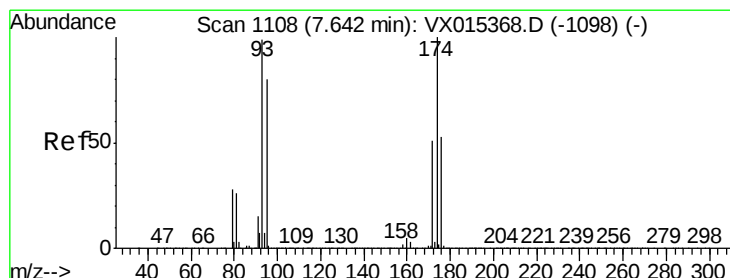
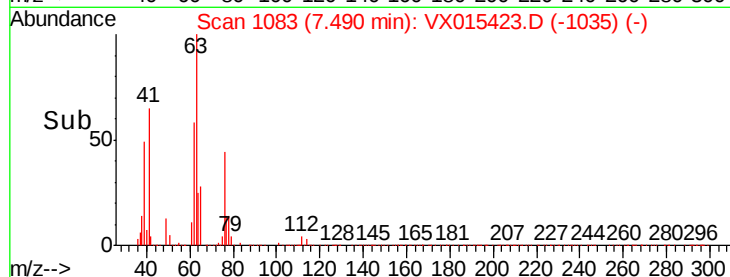
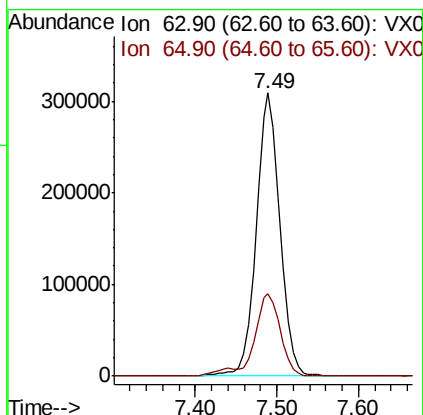
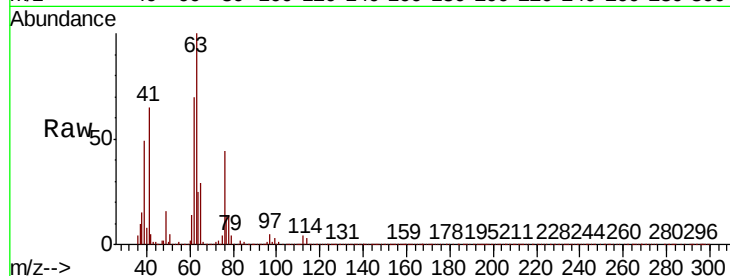
ClientSampleId :

Tot Ion: 63 Resp: 625688

Ion Ratio Lower Upper

63 100

65 28.9 23.9 35.9



#46

Dibromomethane

Concen: 47.928 ug/l

RT: 7.64 min Scan# 1107

Delta R.T. -0.01 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

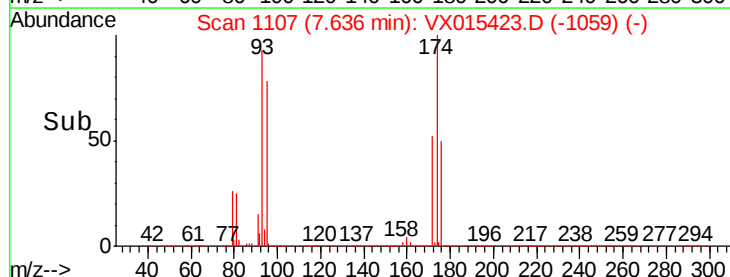
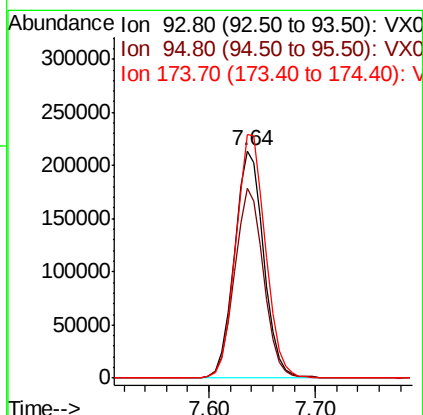
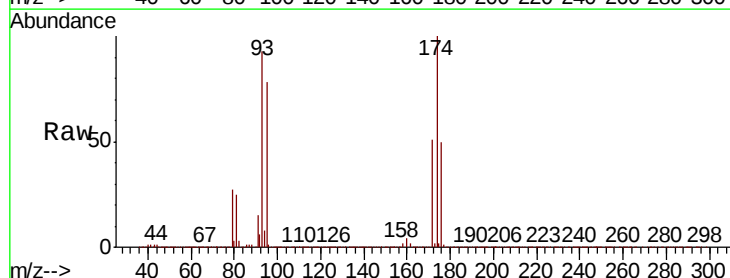
Tgt Ion: 93 Resp: 411035

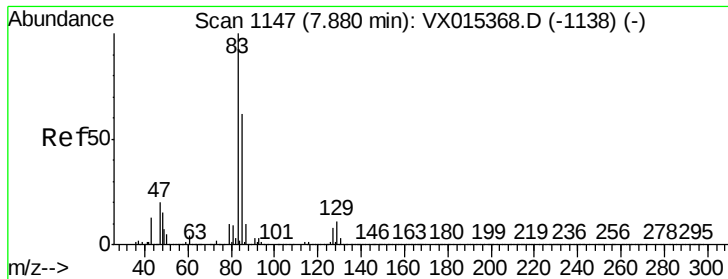
Ion Ratio Lower Upper

93 100

95 83.0 65.8 98.8

174 109.2 86.2 129.2





#47

Bromodichloromethane

Concen: 48.399 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Instrument :
MSVOA_X
ClientSampleId :

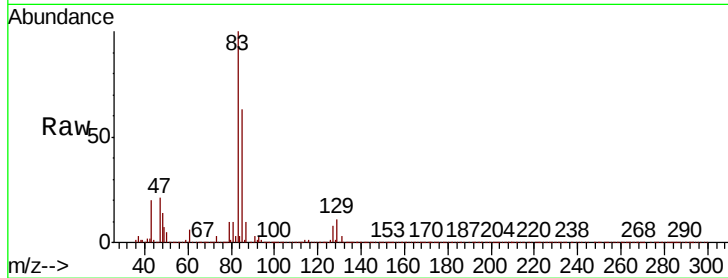
Tot Ion: 83 Resp: 884450

Ion Ratio Lower Upper

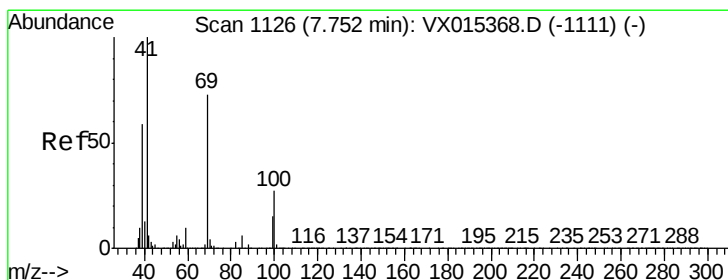
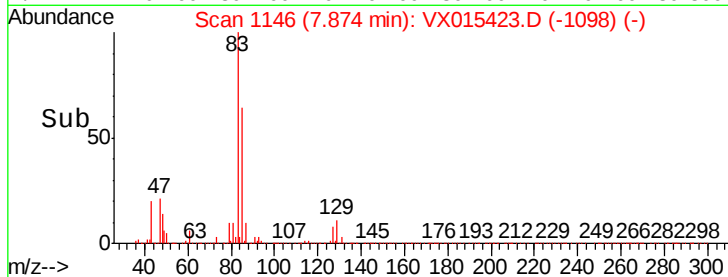
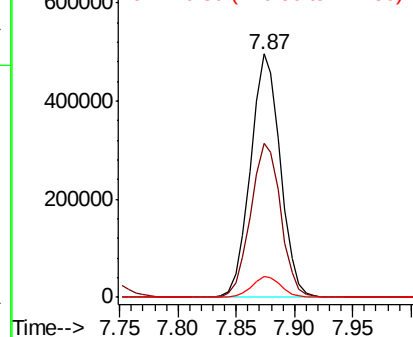
83 100

85 63.4 49.7 74.5

127 8.4 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 46.091 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. -0.01 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

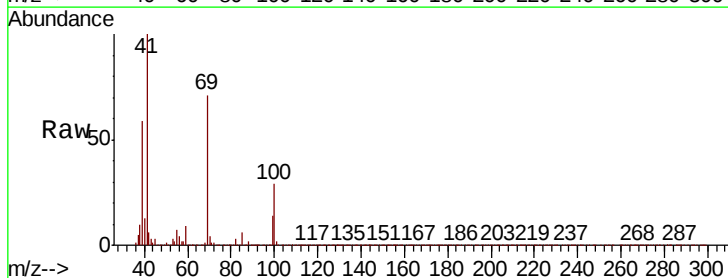
Tgt Ion: 41 Resp: 825583

Ion Ratio Lower Upper

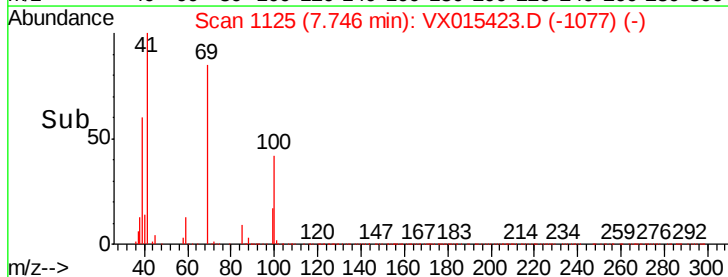
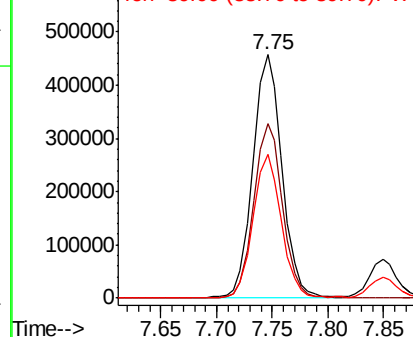
41 100

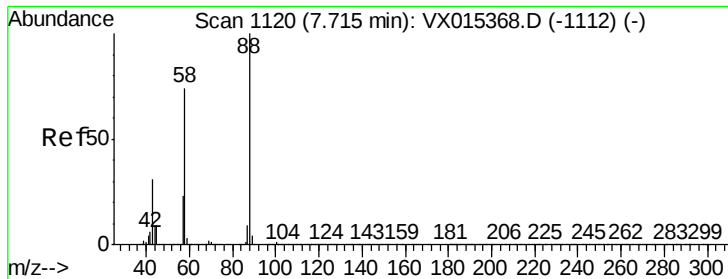
69 71.5 56.7 85.1

39 57.5 46.5 69.7



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 742.536 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.00 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Instrument :

MSVOA_X

ClientSampleId :

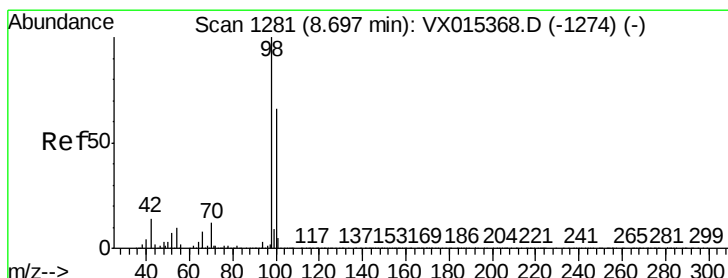
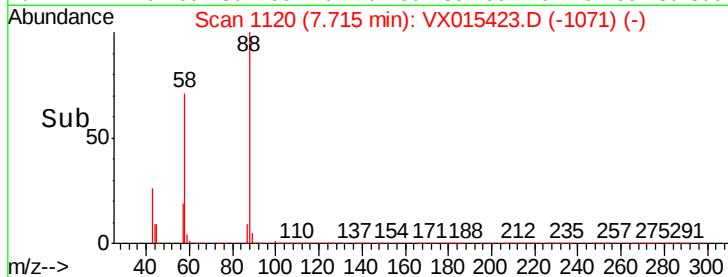
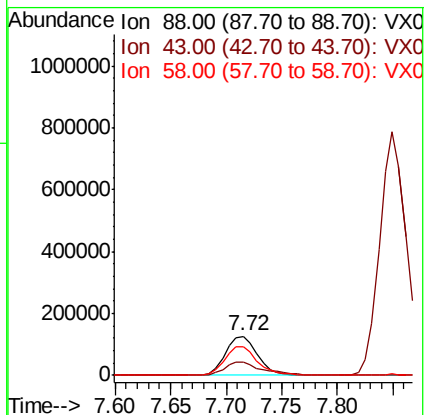
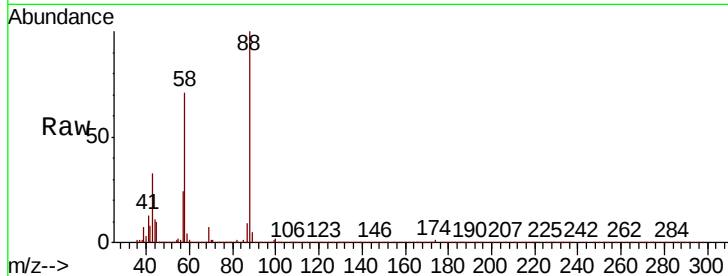
Tot Ion: 88 Resp: 248119

Ion Ratio Lower Upper

88 100

43 40.0 30.1 45.1

58 76.6 60.6 90.8



#50

Toluene-d8

Concen: 48.447 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015423.D

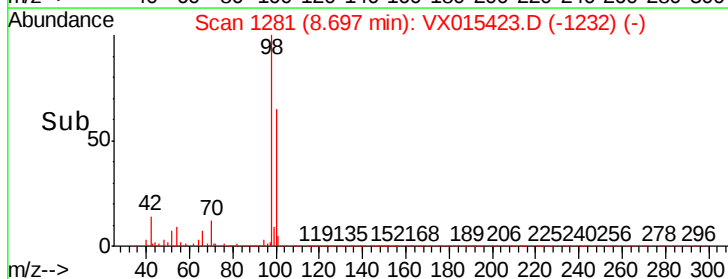
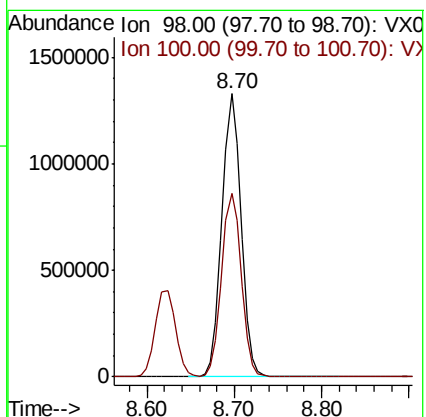
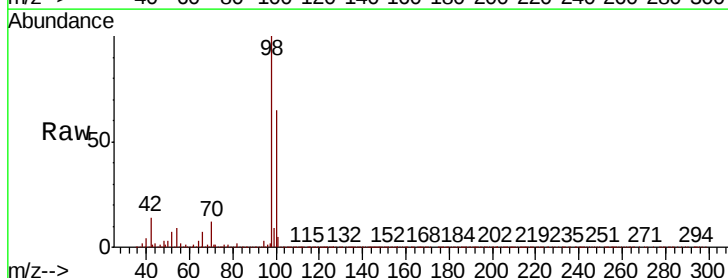
Acq: 30 Mar 2020 12:49

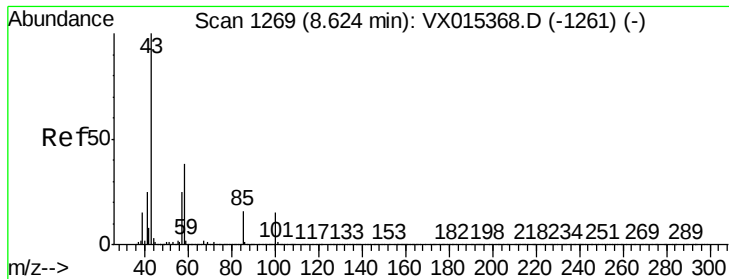
Tgt Ion: 98 Resp: 2018930

Ion Ratio Lower Upper

98 100

100 66.5 53.5 80.3

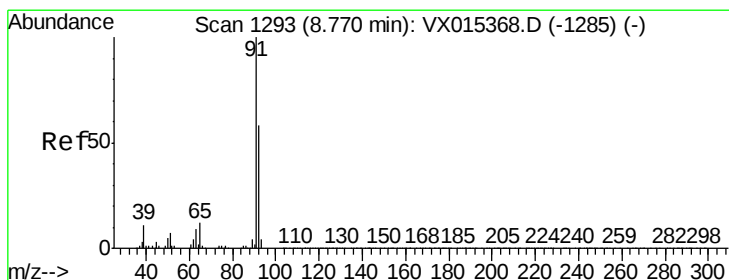
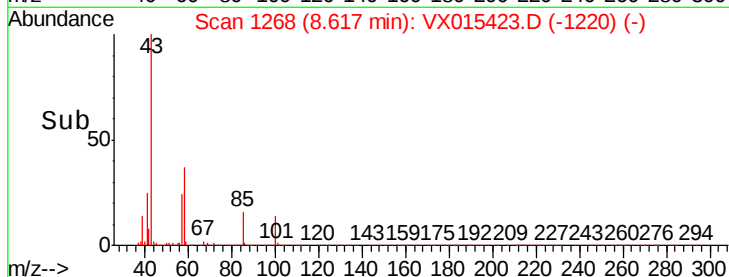
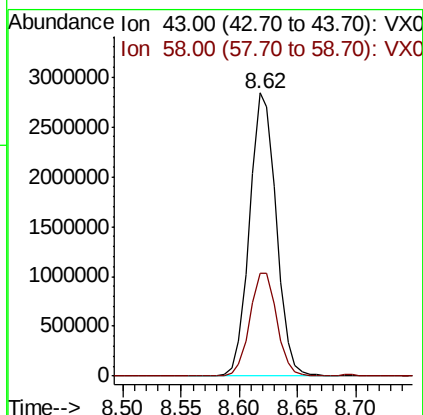
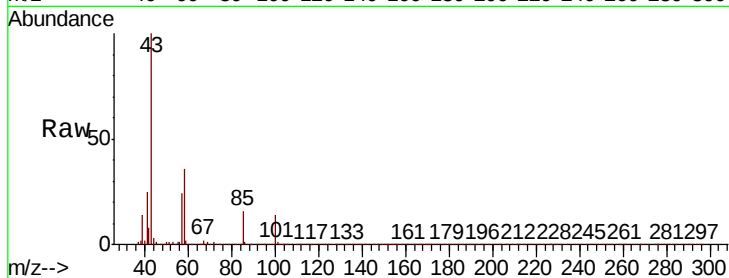




#51
4-Methyl-2-Pentanone
Concen: 223.859 ug/l
RT: 8.62 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

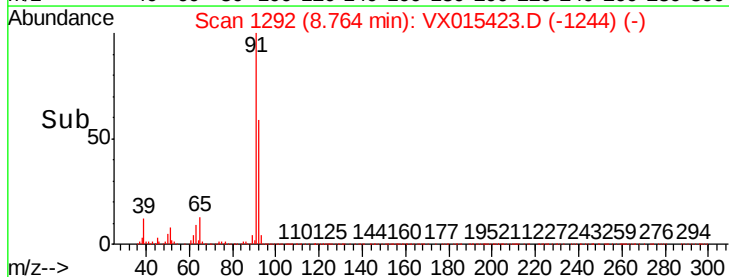
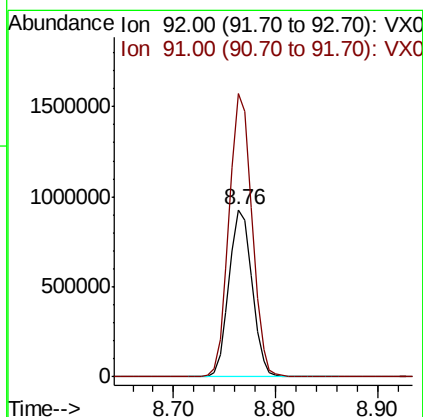
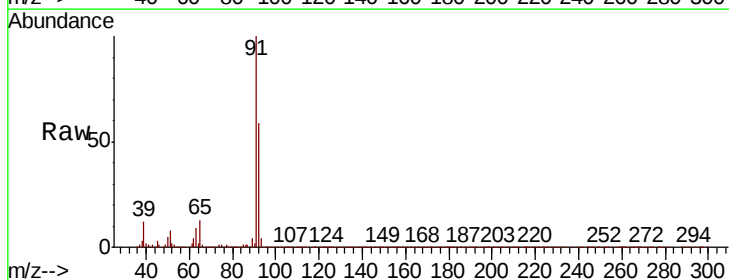
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 4549526
Ion Ratio Lower Upper
43 100
58 36.9 29.7 44.5



#52
Toluene
Concen: 49.128 ug/l
RT: 8.76 min Scan# 1292
Delta R.T. -0.01 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Tgt Ion: 92 Resp: 1447530
Ion Ratio Lower Upper
92 100
91 168.8 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 48.636 ug/l

RT: 9.02 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Instrument :

MSVOA_X

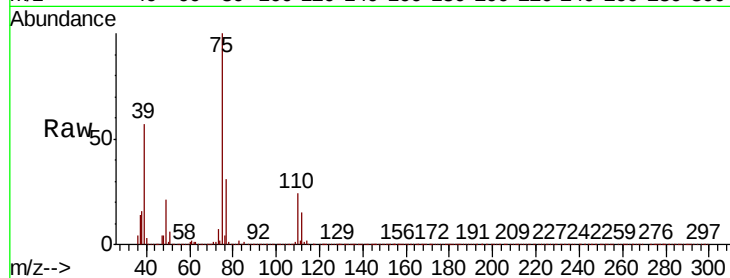
ClientSampleId :

Tot Ion: 75 Resp: 1042366

Ion Ratio Lower Upper

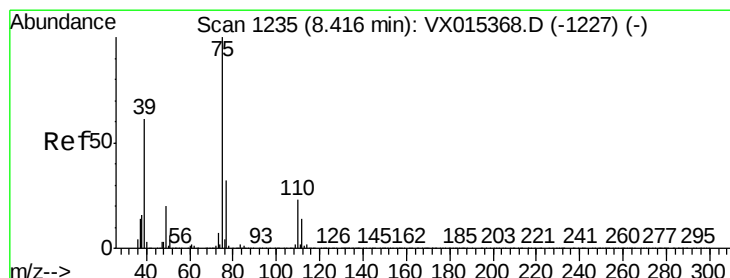
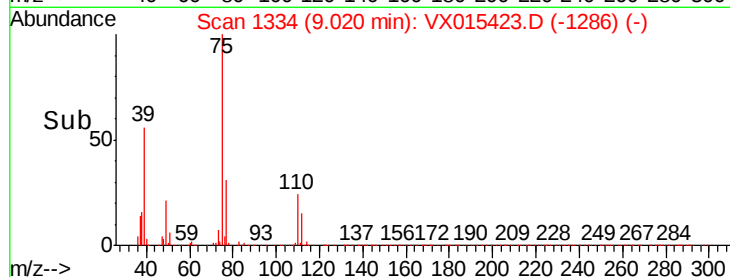
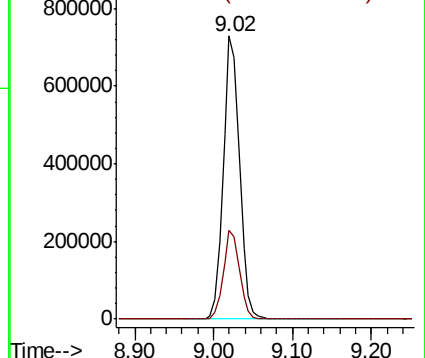
75 100

77 31.4 24.1 36.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 50.026 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

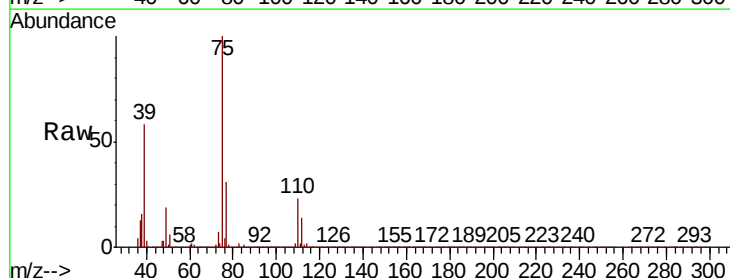
Tgt Ion: 75 Resp: 1092172

Ion Ratio Lower Upper

75 100

77 31.1 25.8 38.6

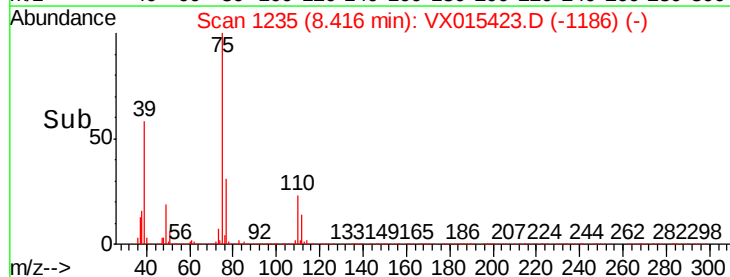
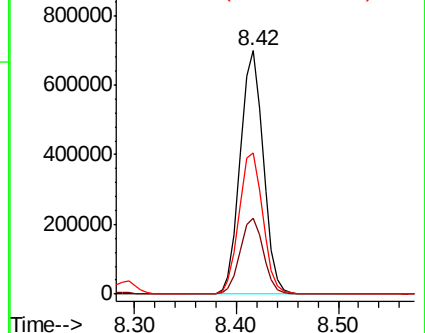
39 57.7 49.0 73.4

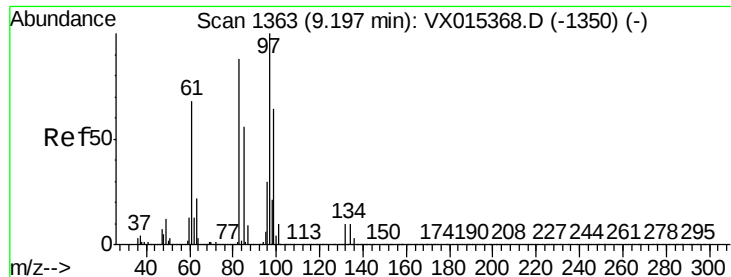


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

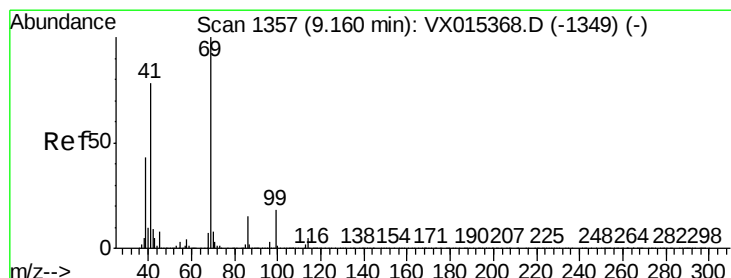
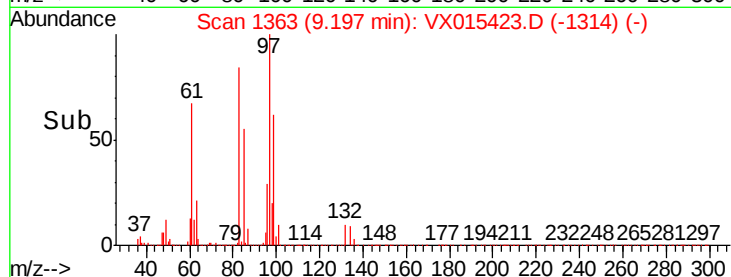
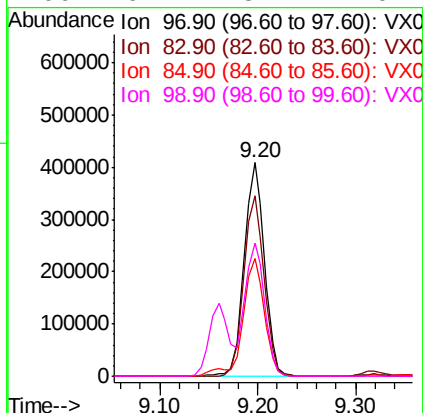
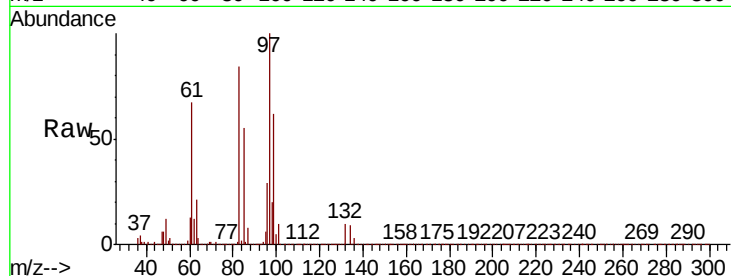




#55
 1,1,2-Trichloroethane
 Concen: 48.470 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VX015423.D
 Acq: 30 Mar 2020 12:49

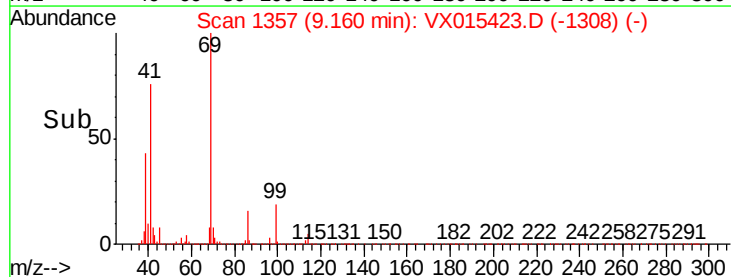
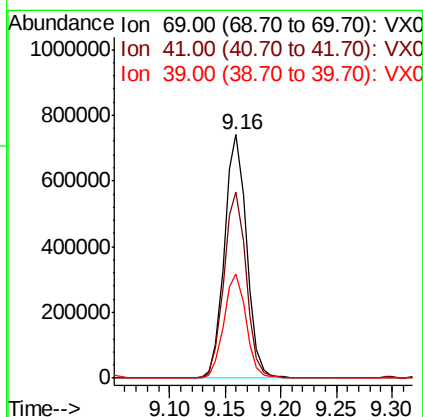
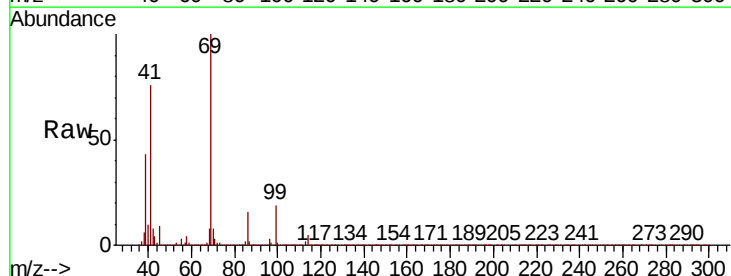
Instrument :
 MSVOA_X
 ClientSampleId :

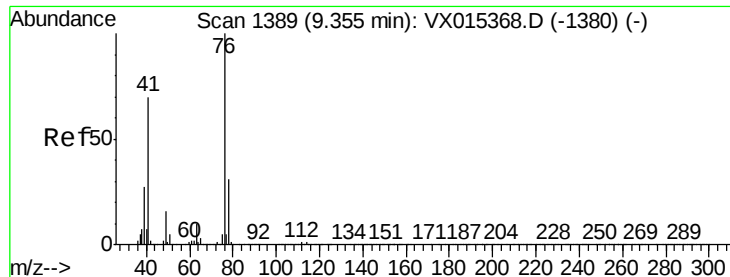
Tot Ion:	97	Resp:	585123
Ion	Ratio	Lower	Upper
97	100		
83	84.2	70.2	105.4
85	55.1	44.7	67.1
99	62.2	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 47.864 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. -0.00 min
 Lab File: VX015423.D
 Acq: 30 Mar 2020 12:49

Tgt Ion:	69	Resp:	1018302
Ion	Ratio	Lower	Upper
69	100		
41	76.8	61.6	92.4
39	42.9	34.0	51.0





#57

1,3-Dichloropropane

Concen: 47.387 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Instrument :

MSVOA_X

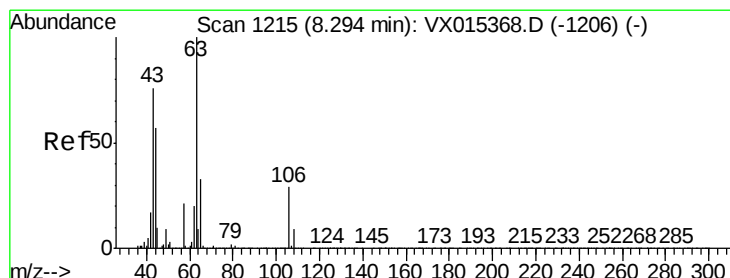
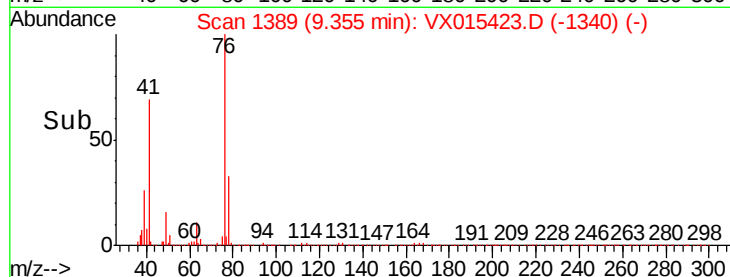
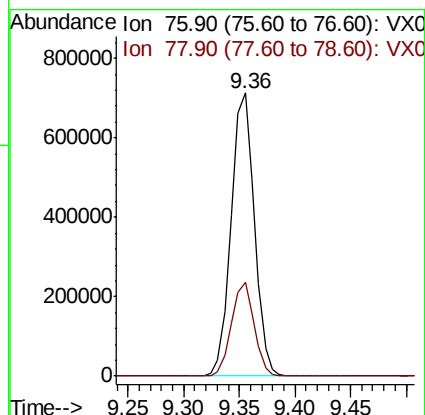
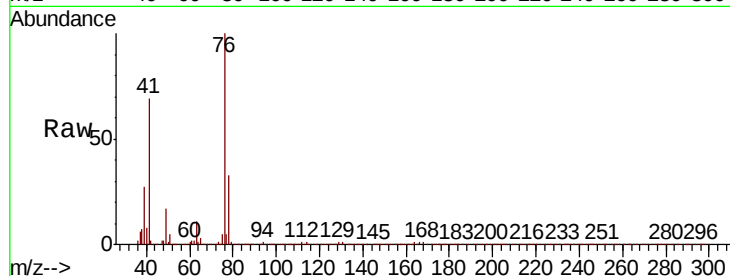
ClientSampleId :

Tot Ion: 76 Resp: 1030651

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 235.552 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015423.D

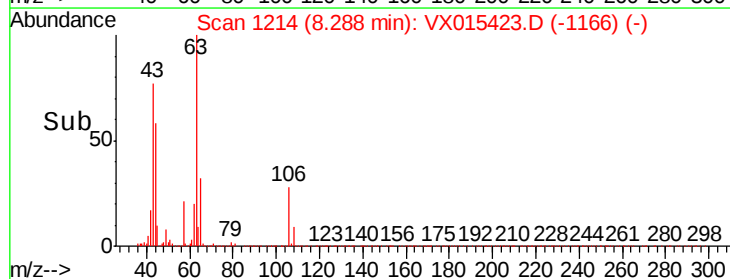
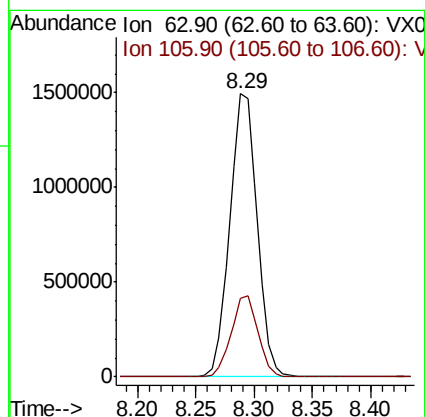
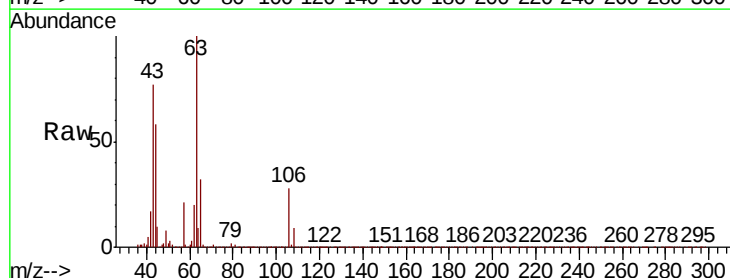
Acq: 30 Mar 2020 12:49

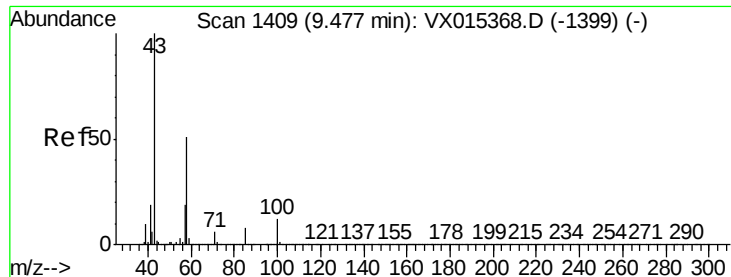
Tgt Ion: 63 Resp: 2437539

Ion Ratio Lower Upper

63 100

106 28.1 22.7 34.1

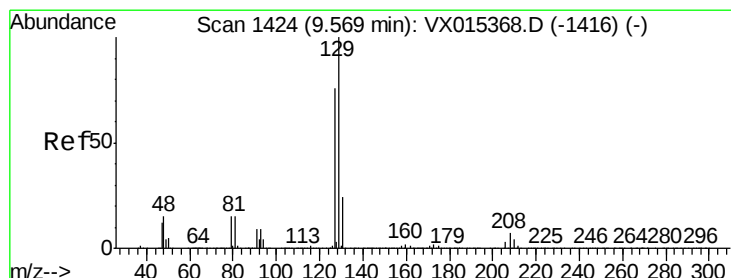
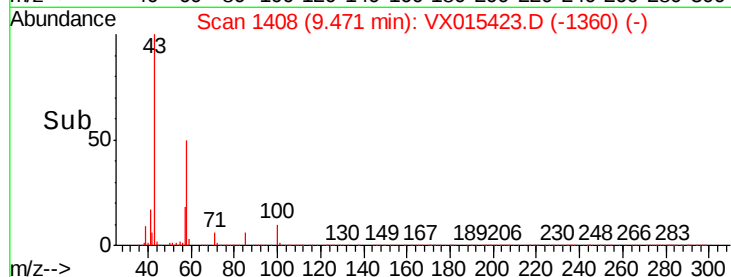
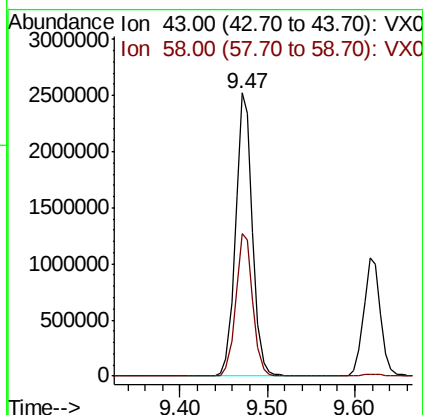
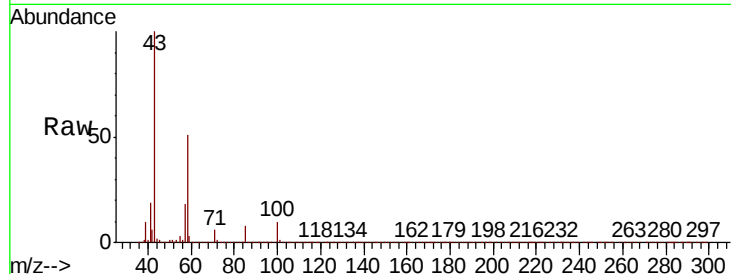




#59
2-Hexanone
Concen: 221.049 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

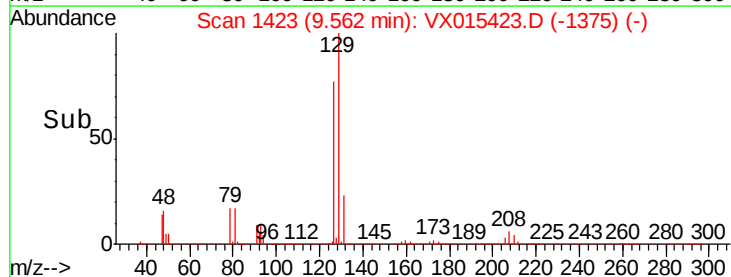
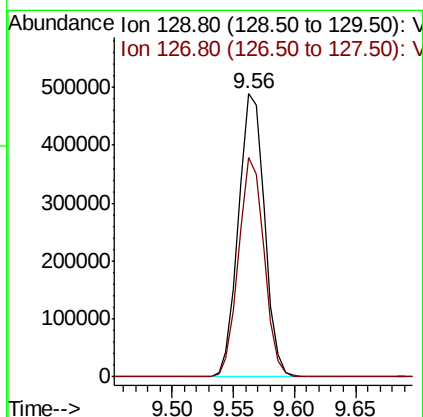
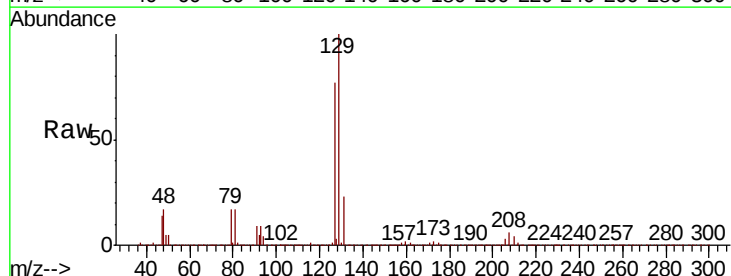
Instrument :
MSVOA_X
ClientSampled :

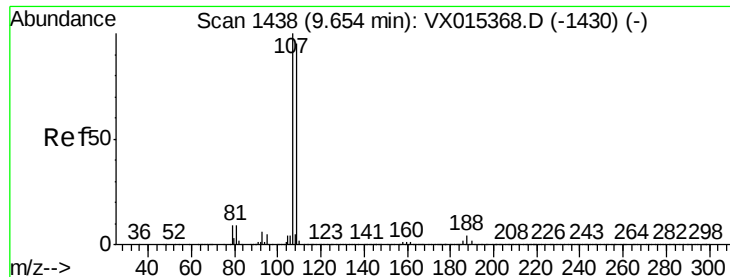
Tot Ion: 43 Resp: 3391678
Ion Ratio Lower Upper
43 100
58 51.0 25.6 76.6



#60
Dibromochloromethane
Concen: 49.671 ug/l
RT: 9.56 min Scan# 1423
Delta R.T. -0.01 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Tgt Ion:129 Resp: 720520
Ion Ratio Lower Upper
129 100
127 75.8 38.2 114.6





#61

1,2-Dibromoethane

Concen: 48.906 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. -0.00 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

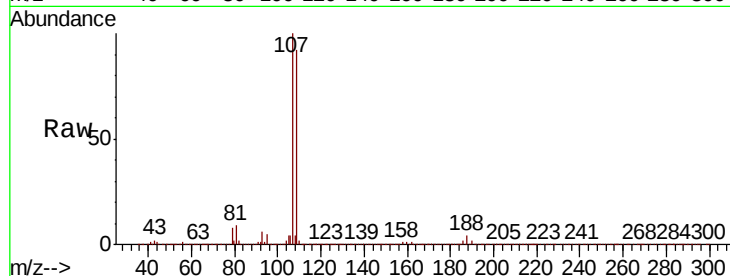
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:107 Resp: 641950

Ion Ratio Lower Upper

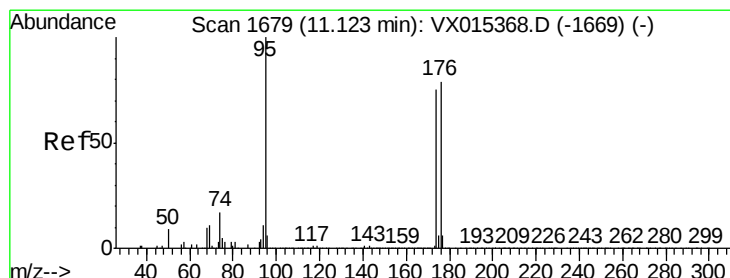
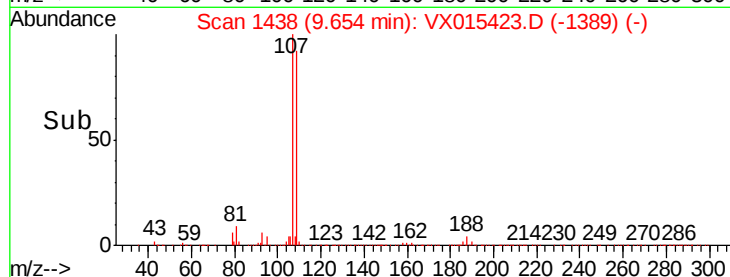
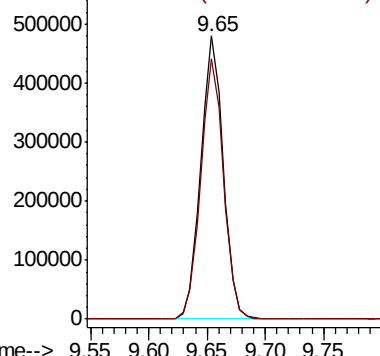
107 100

109 93.0 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.654 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

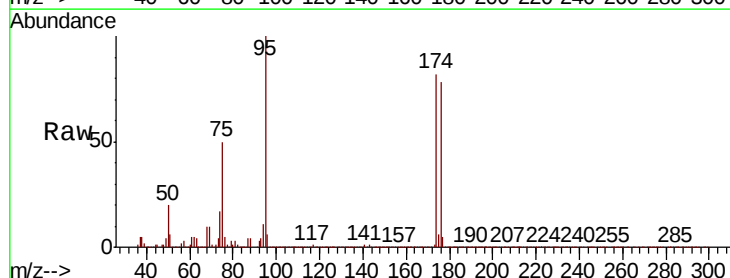
Tgt Ion: 95 Resp: 823993

Ion Ratio Lower Upper

95 100

174 81.8 0.0 158.6

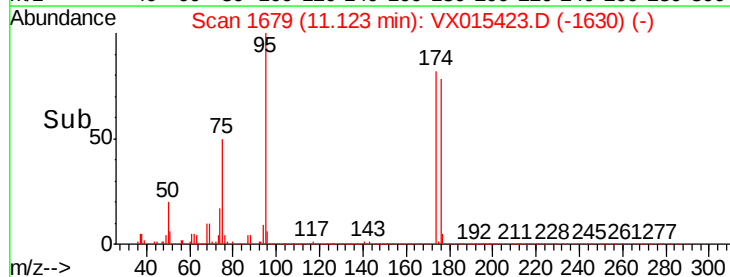
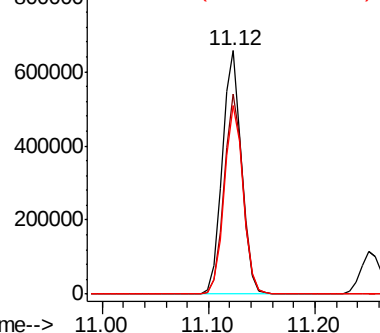
176 77.6 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

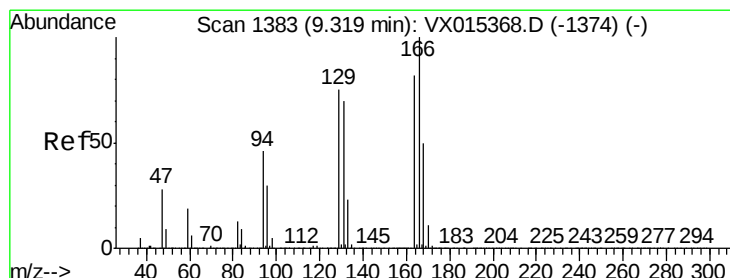
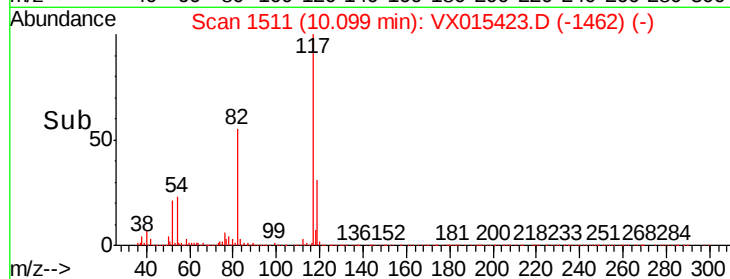
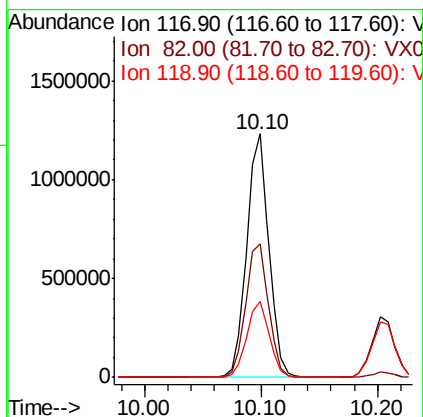
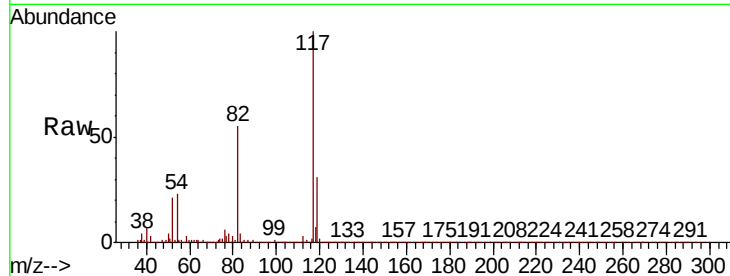




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

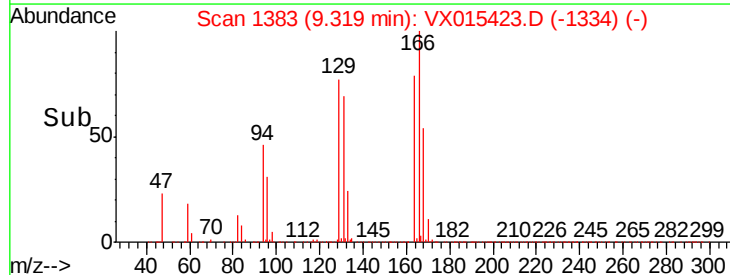
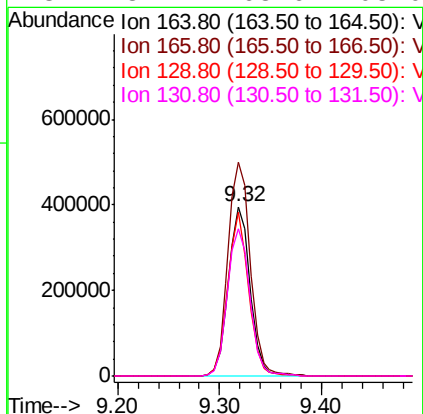
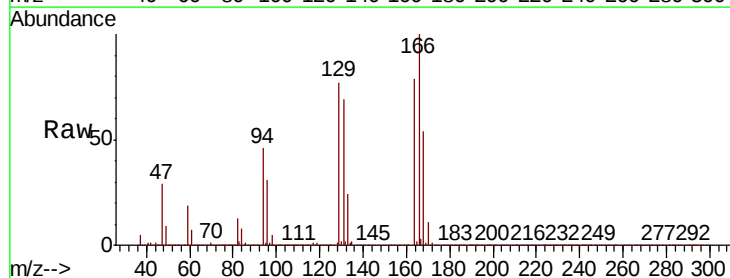
Instrument :
MSVOA_X
ClientSampleId :

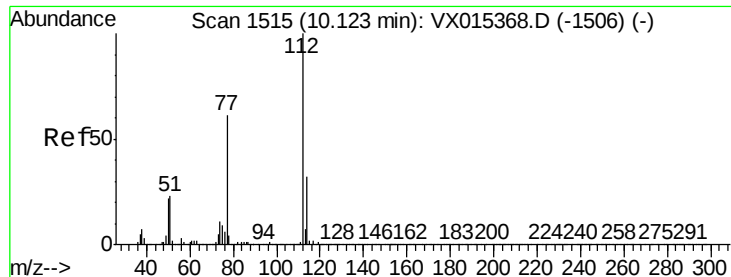
Tot Ion:117 Resp: 1635076
Ion Ratio Lower Upper
117 100
82 54.6 47.8 71.8
119 31.4 26.8 40.2



#64
Tetrachloroethene
Concen: 46.921 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Tgt Ion:164 Resp: 578980
Ion Ratio Lower Upper
164 100
166 126.2 97.8 146.6
129 96.6 73.0 109.4
131 87.1 68.6 103.0

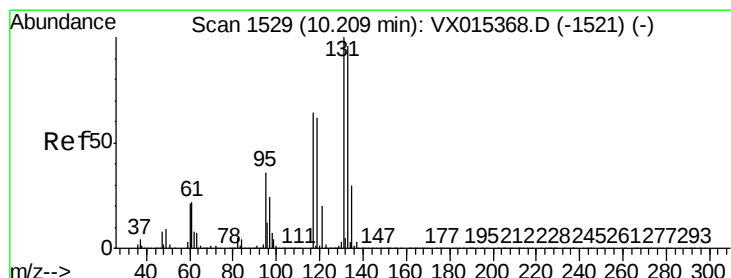
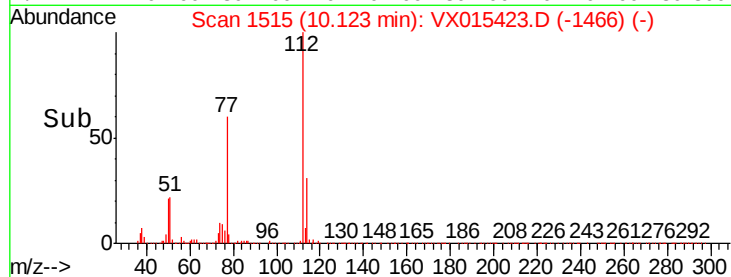
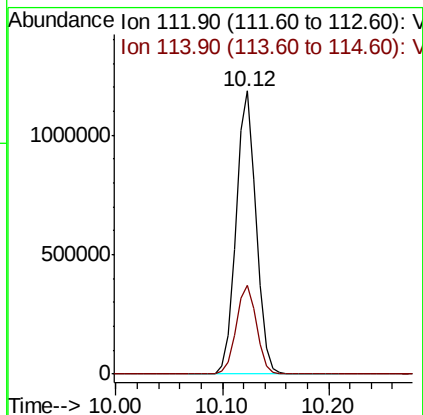
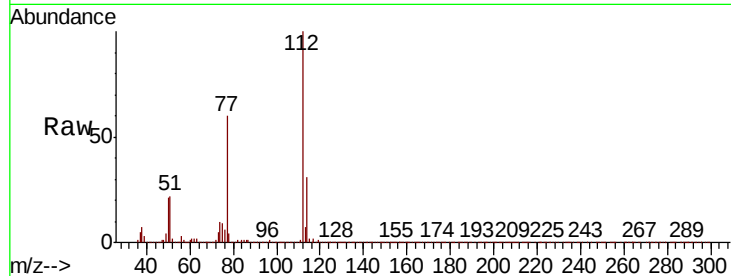




#65
Chlorobenzene
Concen: 47.870 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

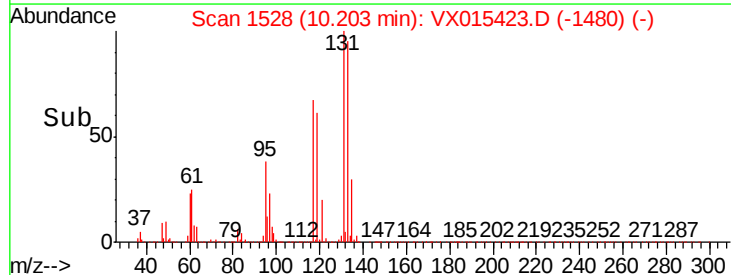
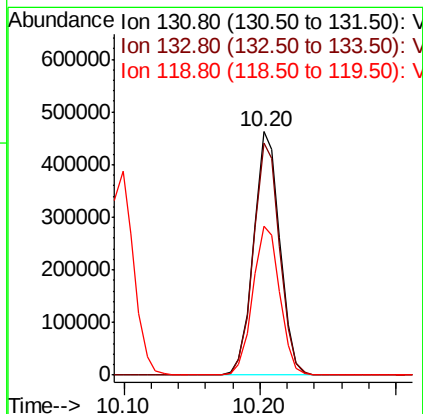
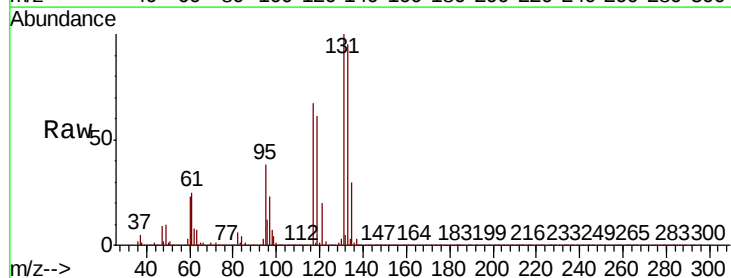
Instrument :
MSVOA_X
ClientSampled :

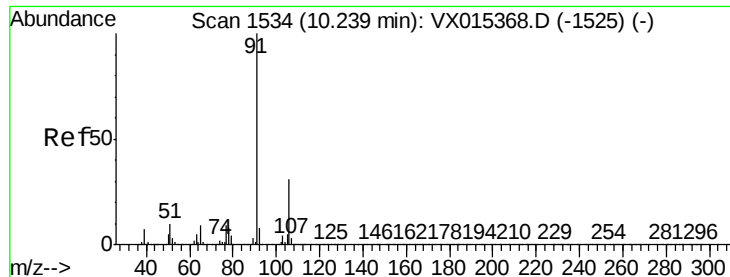
Tot Ion:112 Resp: 1560974
Ion Ratio Lower Upper
112 100
114 31.4 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 48.101 ug/l
RT: 10.20 min Scan# 1528
Delta R.T. -0.01 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Tgt Ion:131 Resp: 626625
Ion Ratio Lower Upper
131 100
133 95.9 47.6 142.9
119 62.7 31.1 93.3





#67

Ethyl Benzene

Concen: 49.236 ug/l

RT: 10.23 min Scan# 1533

Delta R.T. -0.01 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Instrument :

MSVOA_X

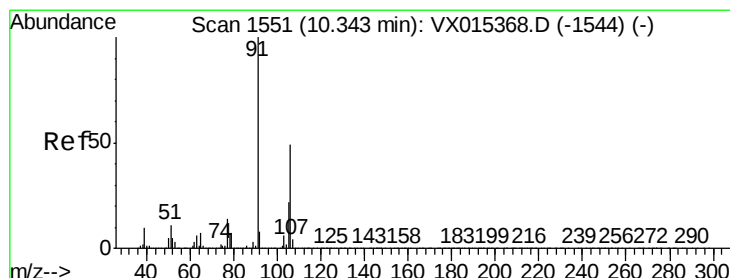
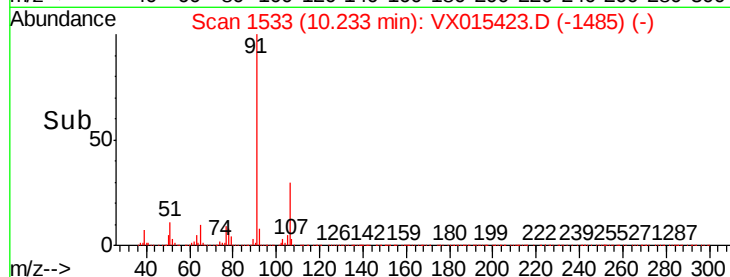
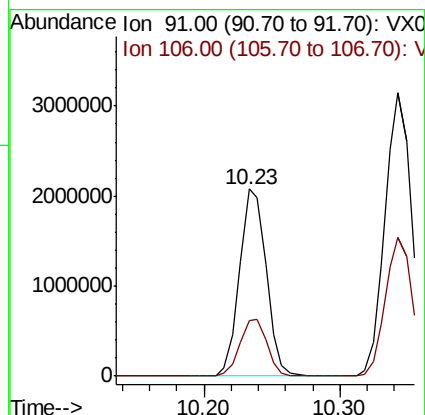
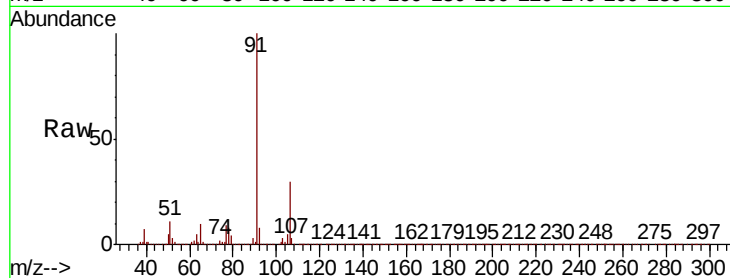
ClientSampleId :

Tot Ion: 91 Resp: 2847534

Ion Ratio Lower Upper

91 100

106 29.5 24.8 37.2



#68

m/p-Xylenes

Concen: 98.977 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. -0.00 min

Lab File: VX015423.D

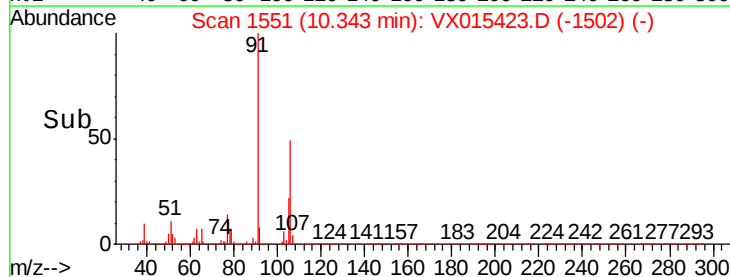
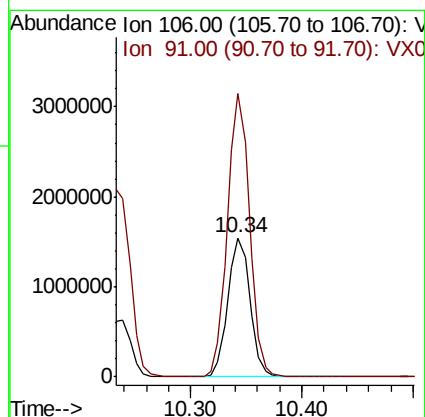
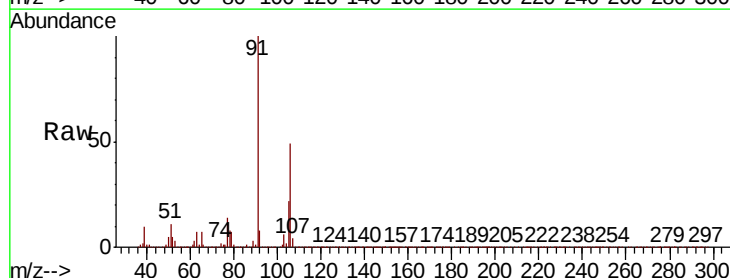
Acq: 30 Mar 2020 12:49

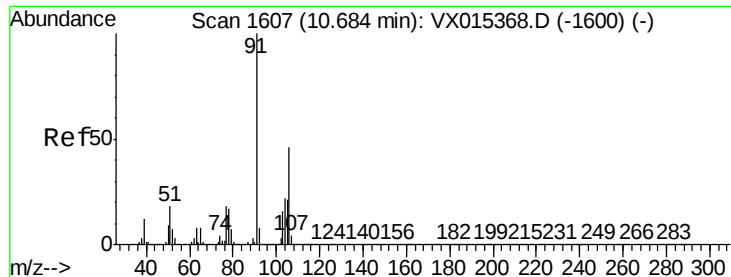
Tgt Ion: 106 Resp: 2131509

Ion Ratio Lower Upper

106 100

91 203.7 163.4 245.0

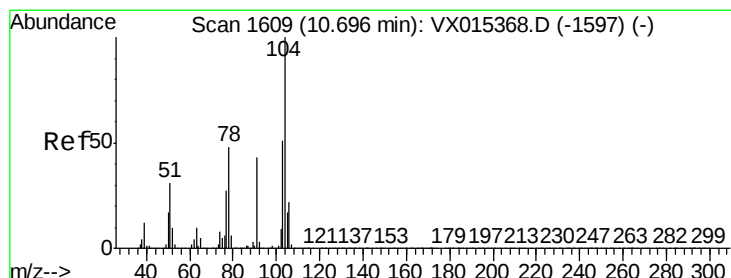
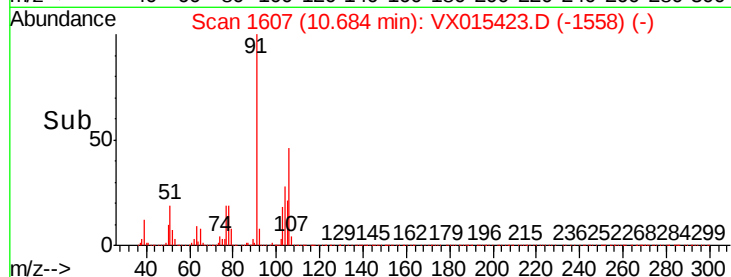
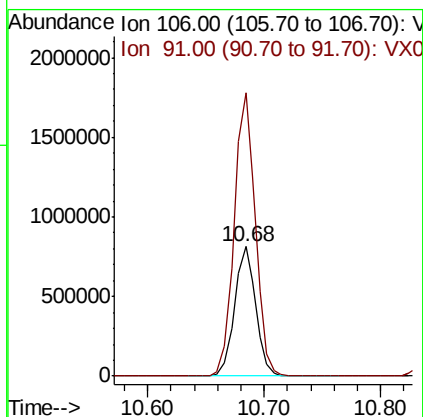
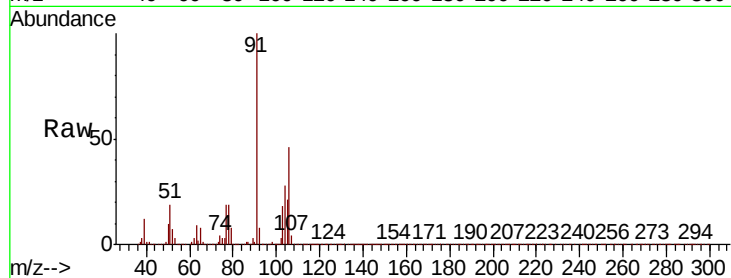




#69
o-Xylene
Concen: 48.290 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

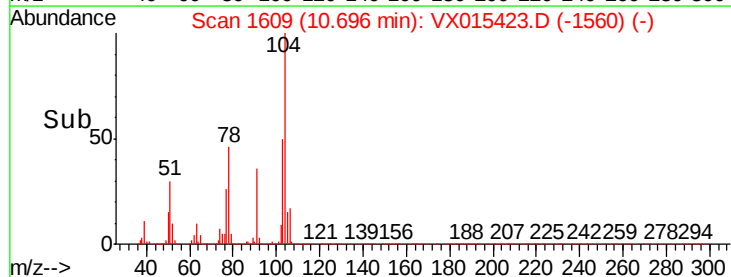
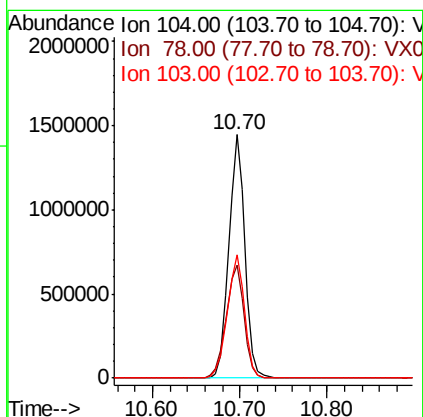
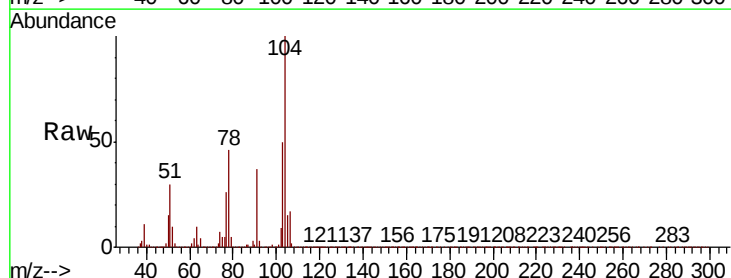
Instrument :
MSVOA_X
ClientSampleId :

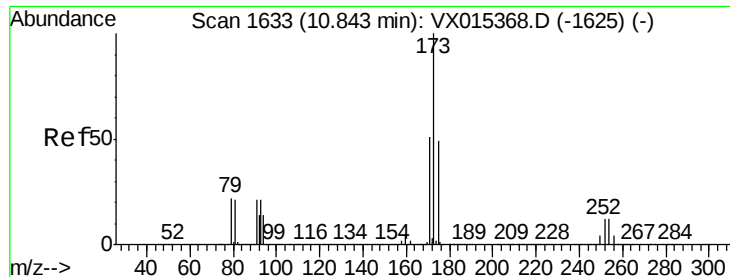
Tot Ion:106 Resp: 1027631
Ion Ratio Lower Upper
106 100
91 218.7 107.1 321.3



#70
Styrene
Concen: 48.856 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Tgt Ion:104 Resp: 1829519
Ion Ratio Lower Upper
104 100
78 52.3 42.0 63.0
103 54.4 43.4 65.0

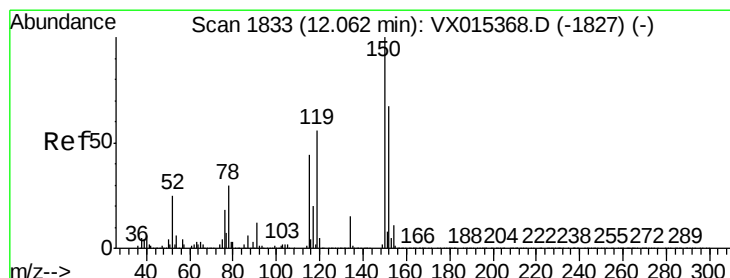
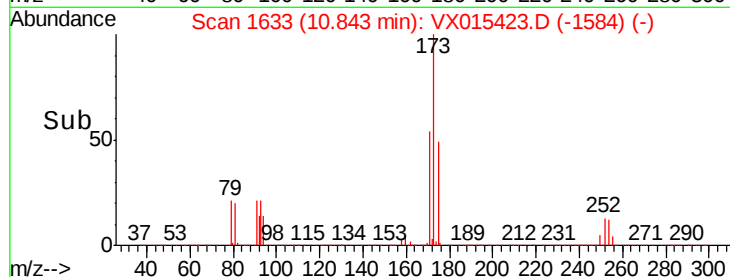
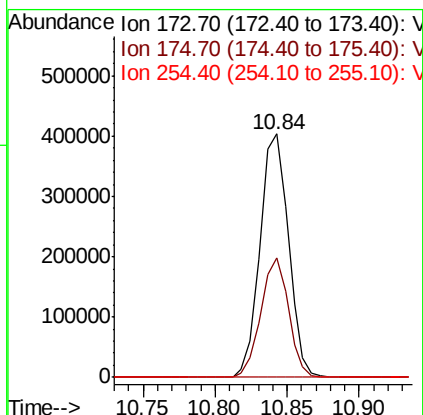
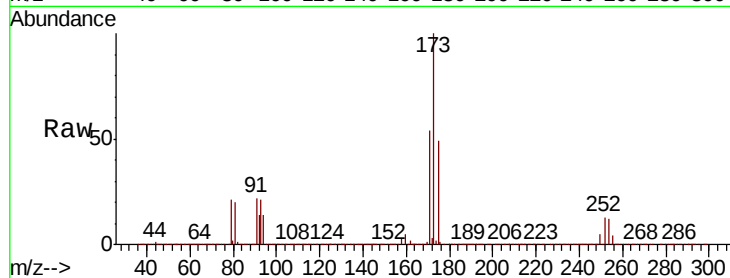




#71
Bromoform
Concen: 46.239 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. -0.00 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

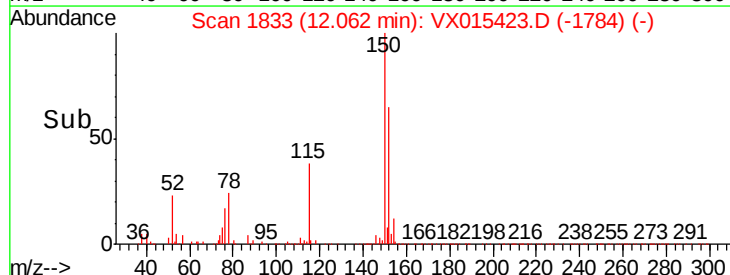
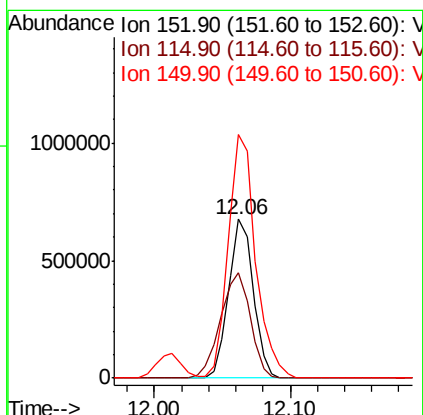
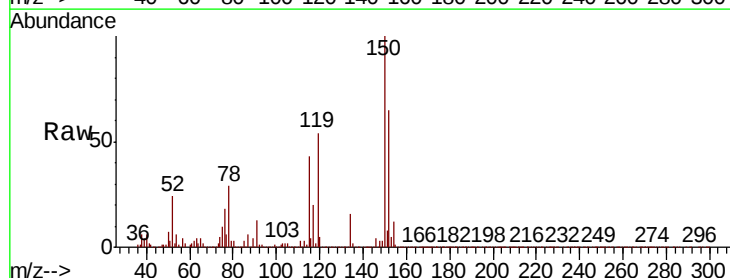
Instrument :
MSVOA_X
ClientSampleId :

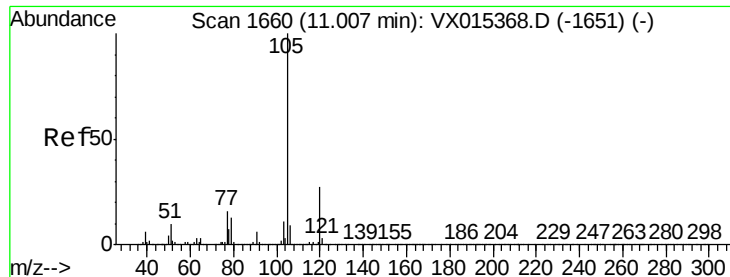
Tot Ion:173 Resp: 548356
Ion Ratio Lower Upper
173 100
175 48.0 23.9 71.7
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Tgt Ion:152 Resp: 853616
Ion Ratio Lower Upper
152 100
115 79.8 39.0 116.9
150 169.9 0.0 340.8





#73

Isopropylbenzene

Concen: 49.892 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Instrument :

MSVOA_X

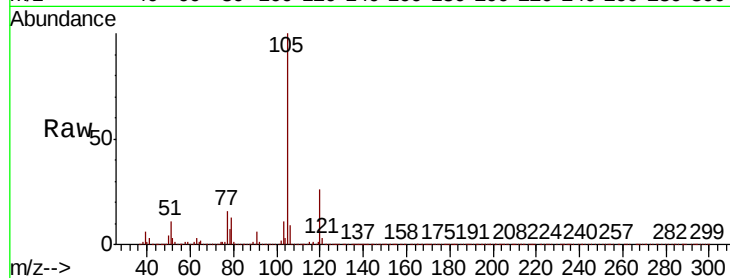
ClientSampleId :

Tot Ion:105 Resp: 2790519

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2500000

2000000

1500000

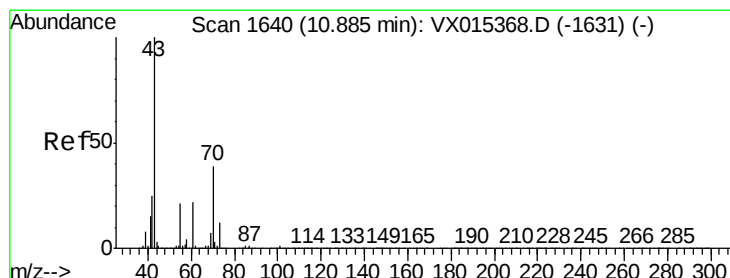
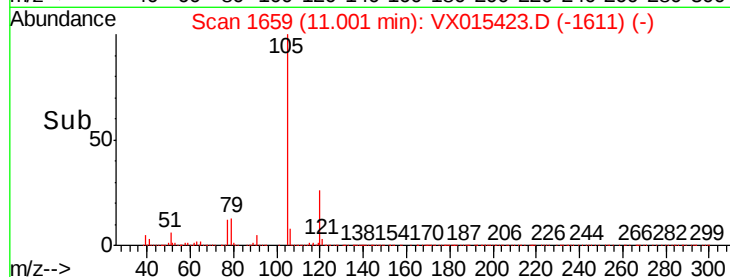
1000000

500000

0

11.00

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 47.324 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Tgt Ion: 43 Resp: 1472125

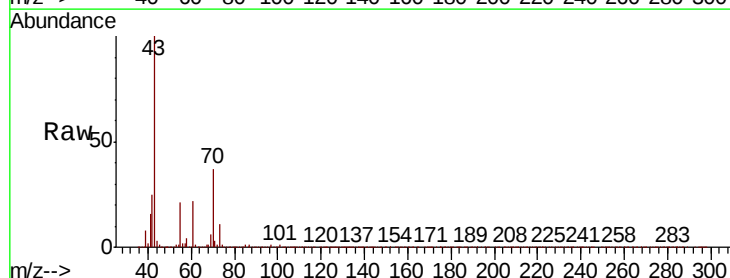
Ion Ratio Lower Upper

43 100

70 38.1 30.2 45.4

55 21.3 16.8 25.2

61 22.4 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

2000000

1500000

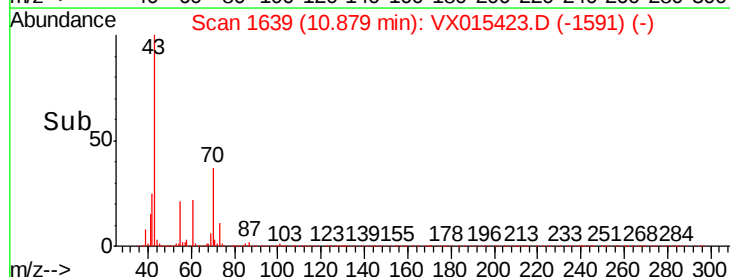
1000000

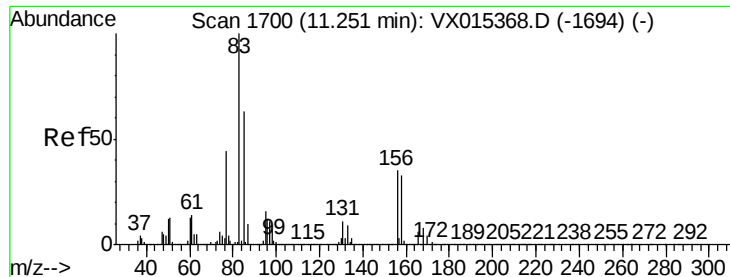
500000

0

10.88

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 45.666 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Instrument :

MSVOA_X

ClientSampleId :

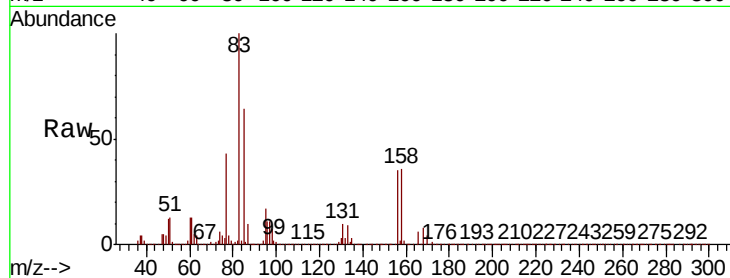
Tot Ion: 83 Resp: 876424

Ion Ratio Lower Upper

83 100

131 10.7 5.3 16.1

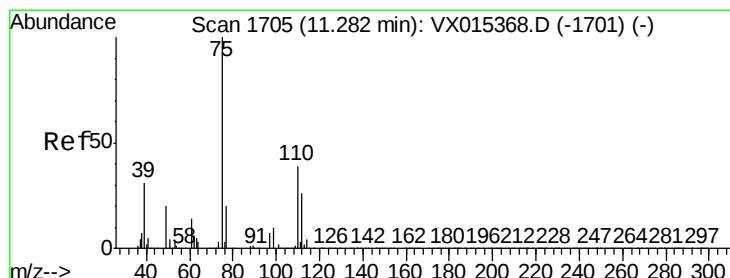
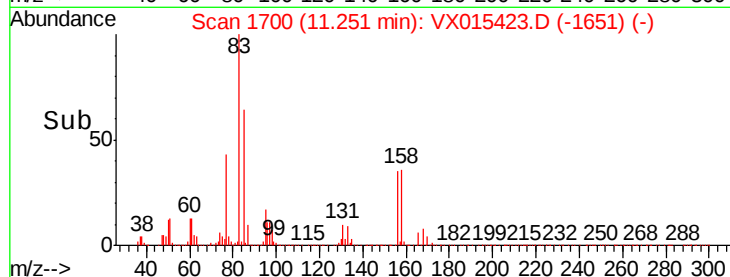
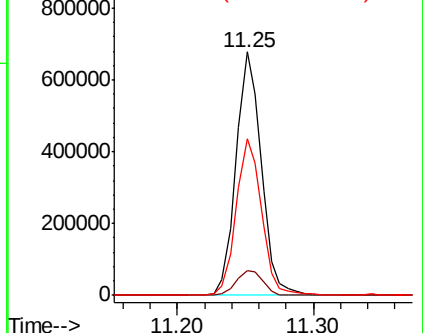
85 65.0 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 61.833 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015423.D

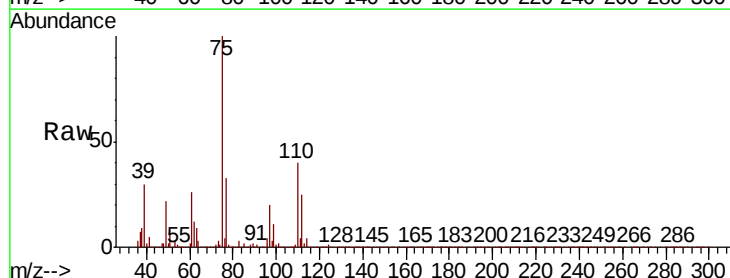
Acq: 30 Mar 2020 12:49

Tgt Ion: 75 Resp: 1085415

Ion Ratio Lower Upper

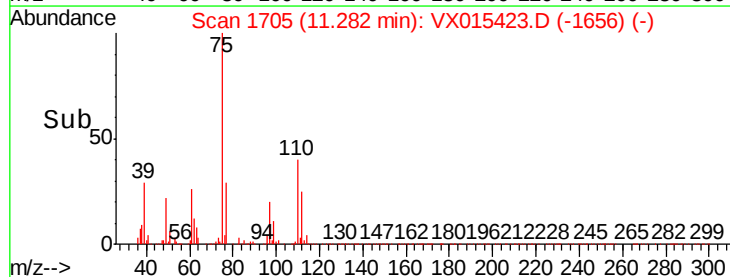
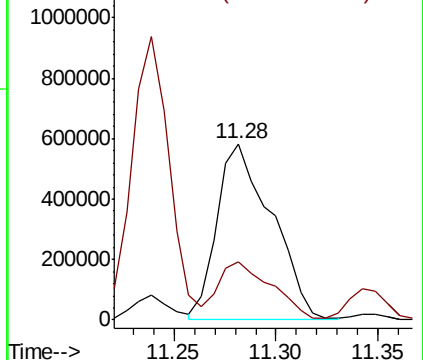
75 100

77 31.9 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.653 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Instrument :

MSVOA_X

ClientSampleId :

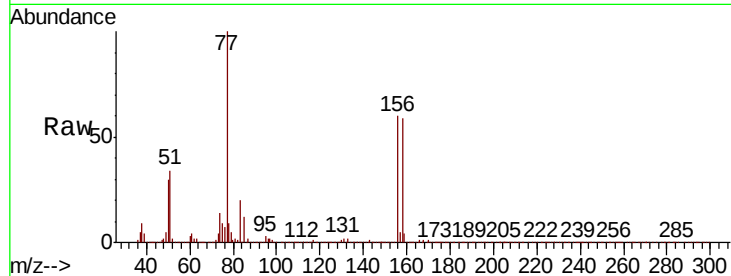
Tot Ion:156 Resp: 725852

Ion Ratio Lower Upper

156 100

77 165.4 82.2 246.5

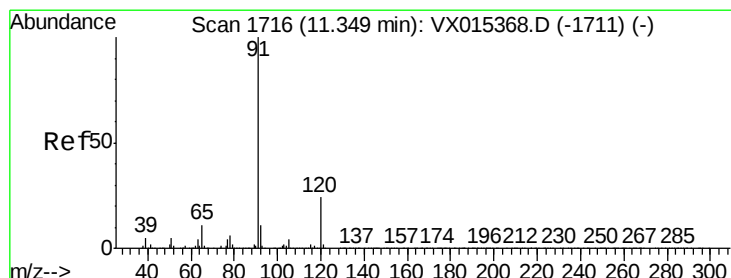
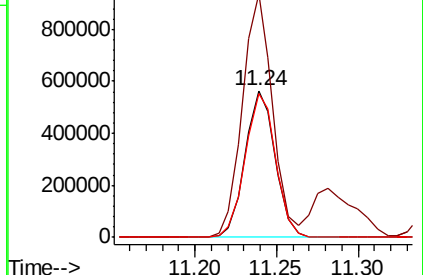
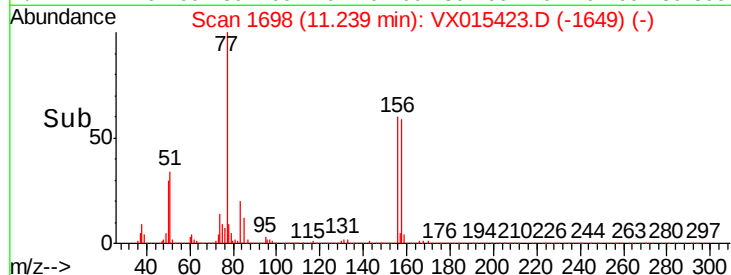
158 99.2 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.717 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.01 min

Lab File: VX015423.D

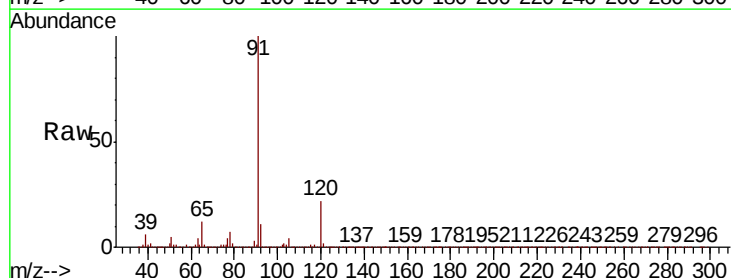
Acq: 30 Mar 2020 12:49

Tgt Ion: 91 Resp: 3243609

Ion Ratio Lower Upper

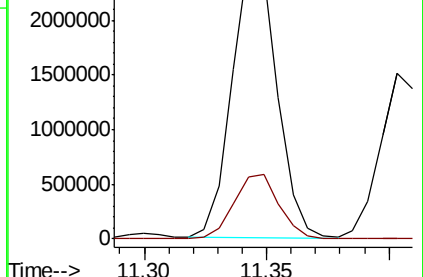
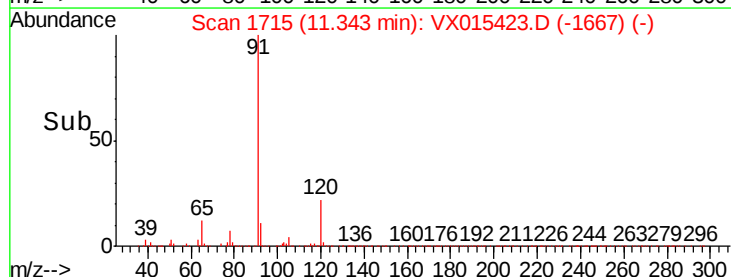
91 100

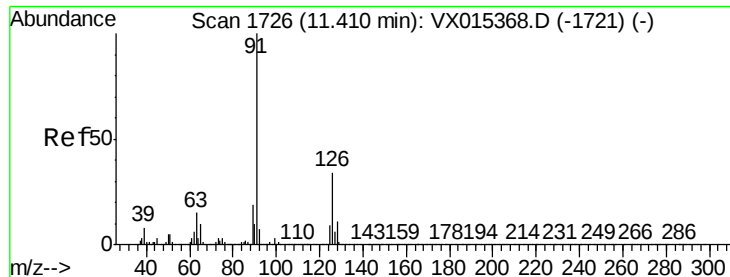
120 23.3 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.268 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Instrument :

MSVOA_X

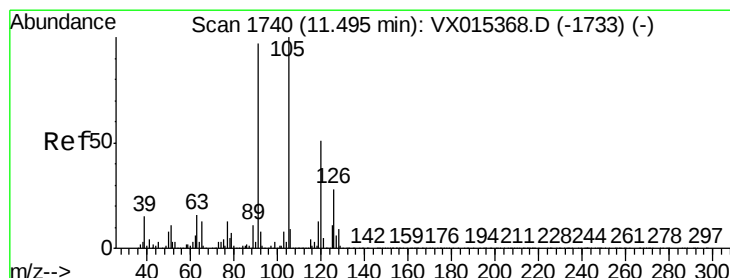
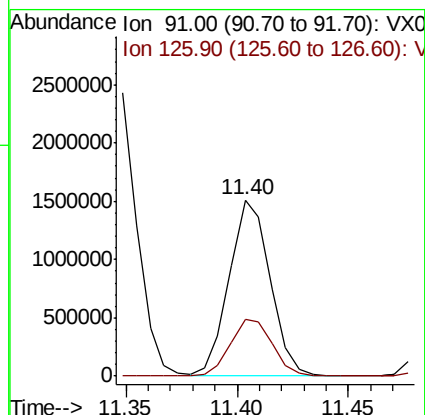
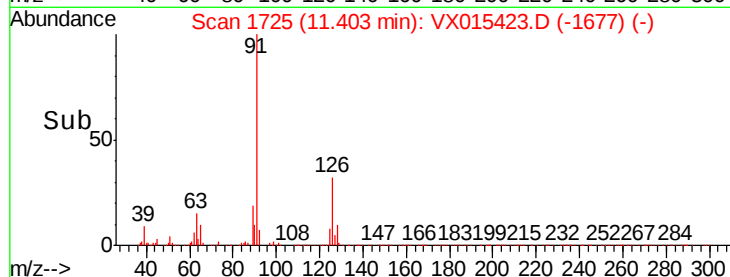
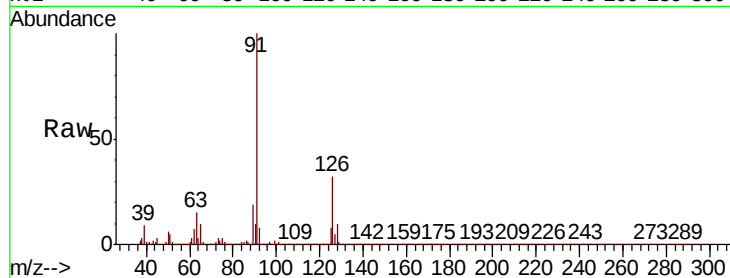
ClientSampled :

Tot Ion: 91 Resp: 1931292

Ion Ratio Lower Upper

91 100

126 33.3 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 49.233 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015423.D

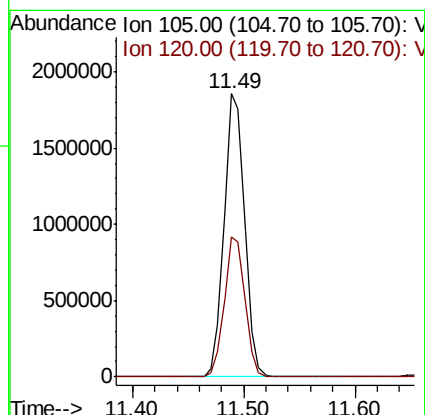
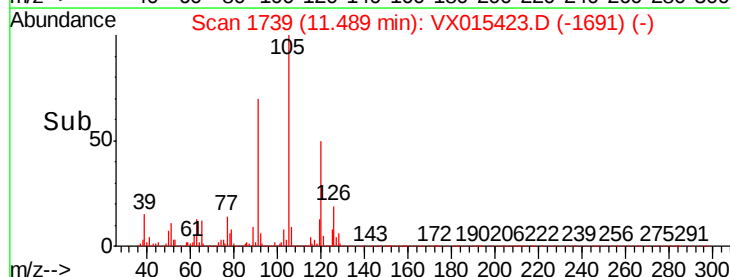
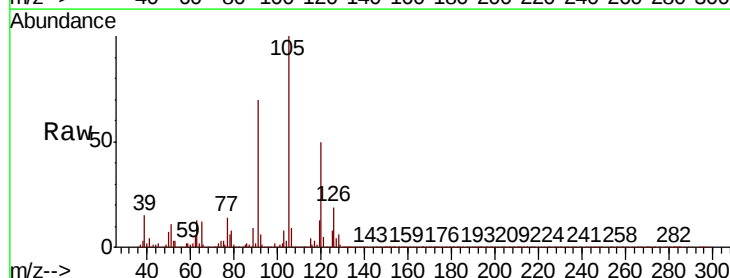
Acq: 30 Mar 2020 12:49

Tgt Ion: 105 Resp: 2351709

Ion Ratio Lower Upper

105 100

120 49.6 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 47.006 ug/l

RT: 11.06 min Scan# 1668

Delta R.T. -0.01 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Instrument :

MSVOA_X

ClientSampleId :

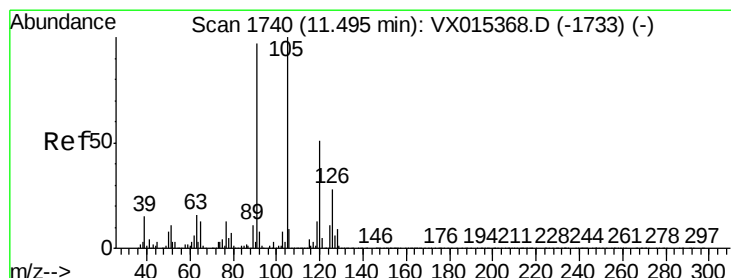
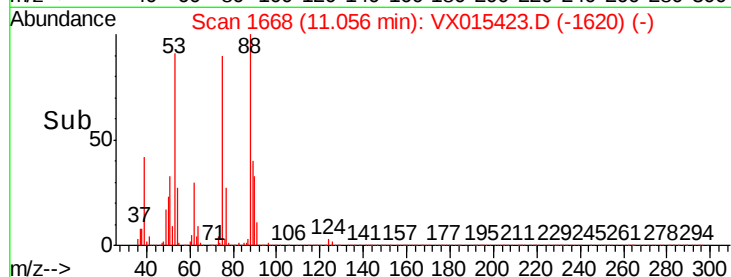
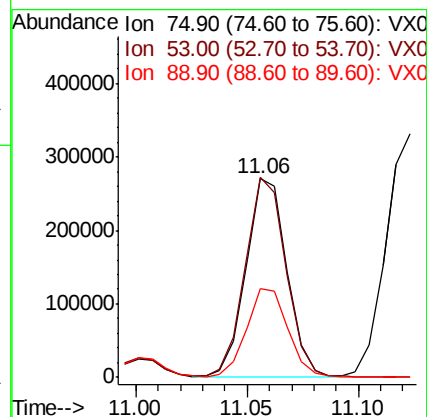
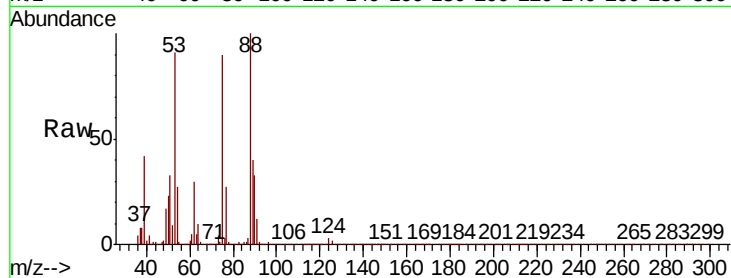
Tot Ion: 75 Resp: 343885

Ion Ratio Lower Upper

75 100

53 100.6 80.1 120.1

89 46.0 36.1 54.1



#82

4-Chlorotoluene

Concen: 49.536 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015423.D

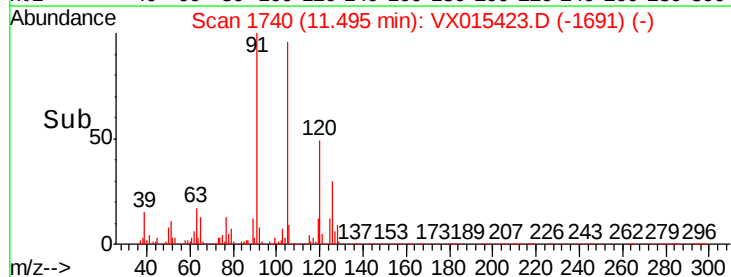
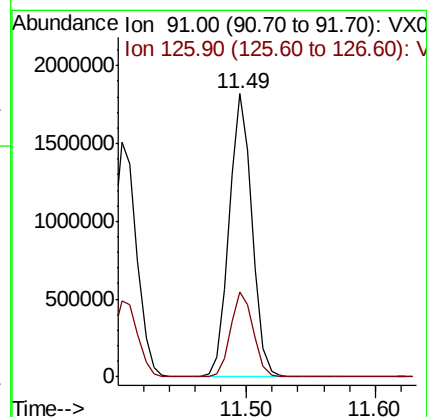
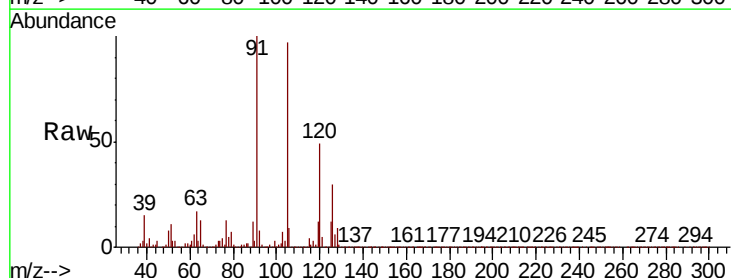
Acq: 30 Mar 2020 12:49

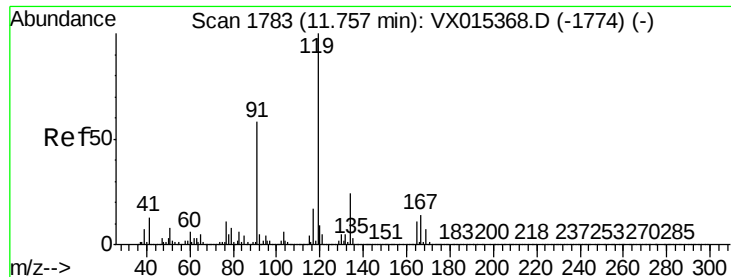
Tgt Ion: 91 Resp: 2276391

Ion Ratio Lower Upper

91 100

126 29.5 14.7 44.1

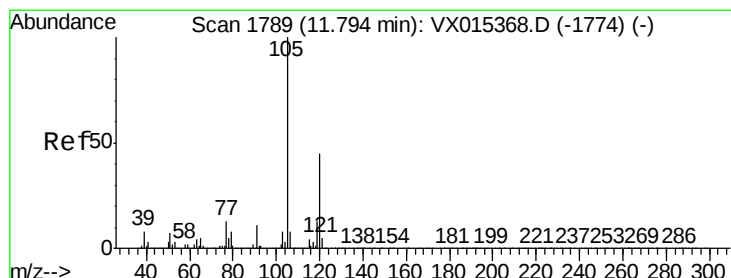
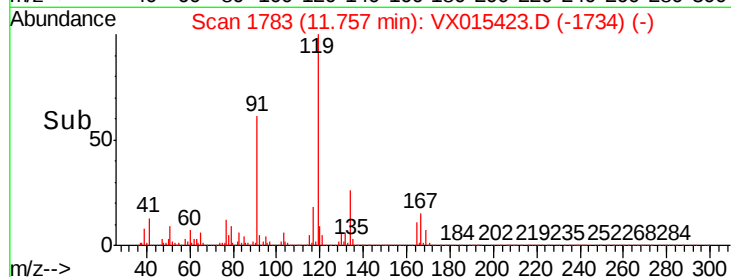
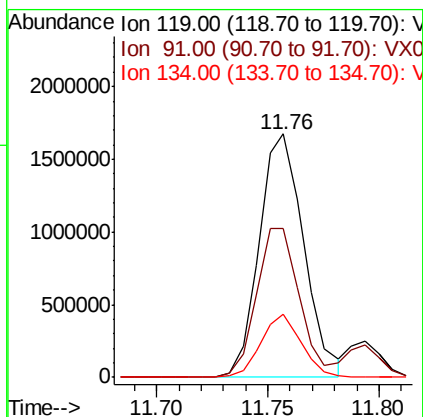
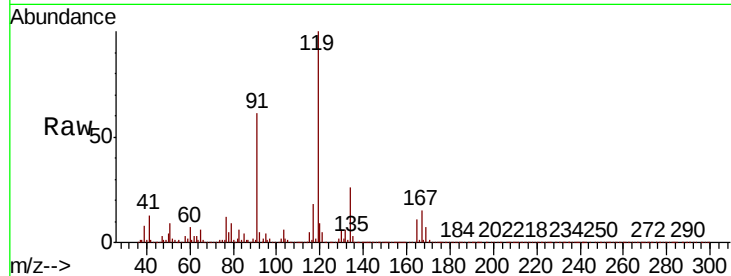




#83
tert-Butylbenzene
Concen: 50.048 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

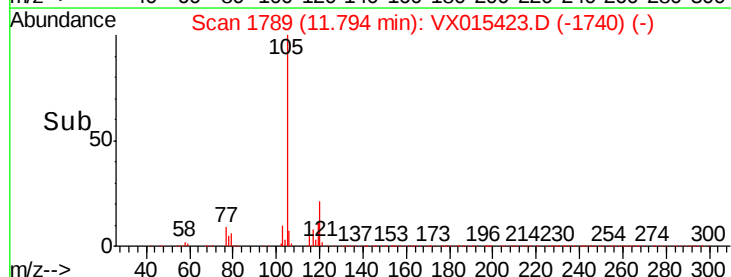
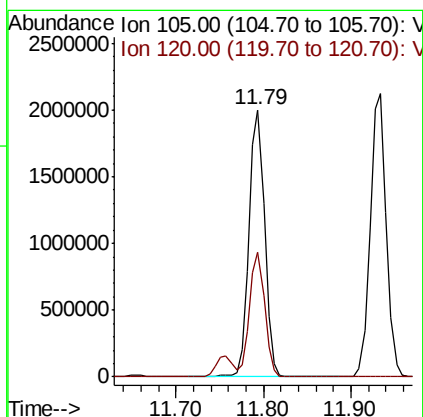
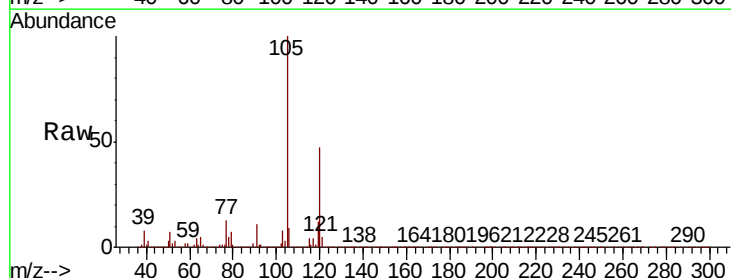
Instrument :
MSVOA_X
ClientSampleId :

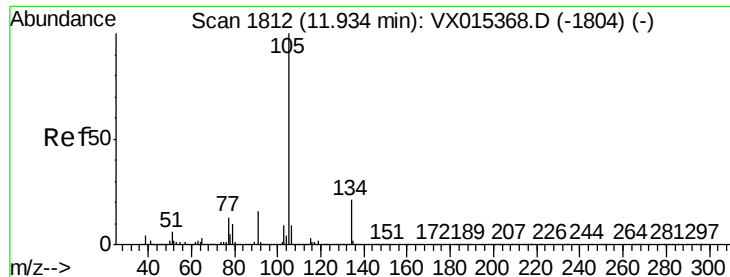
Tot Ion:119 Resp: 2335128
Ion Ratio Lower Upper
119 100
91 58.5 28.6 85.8
134 23.3 11.8 35.3



#84
1,2,4-Trimethylbenzene
Concen: 50.112 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Tgt Ion:105 Resp: 2439264
Ion Ratio Lower Upper
105 100
120 45.5 22.7 68.1





#85

sec-Butylbenzene

Concen: 50.429 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Instrument :

MSVOA_X

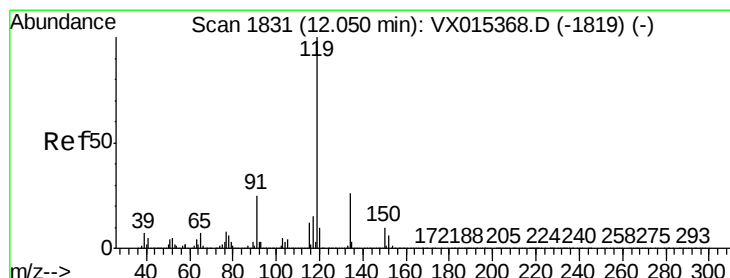
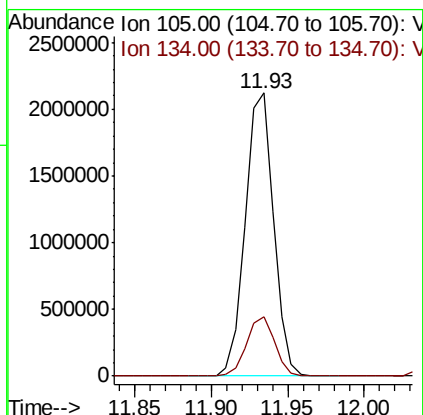
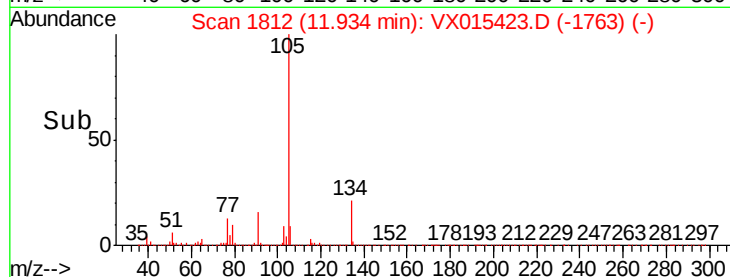
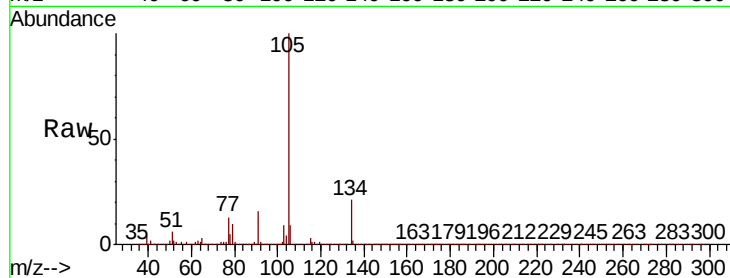
ClientSampleId :

Tot Ion:105 Resp: 2721228

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.1



#86

p-Isopropyltoluene

Concen: 50.914 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

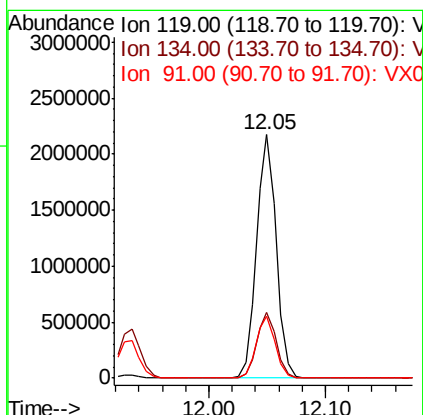
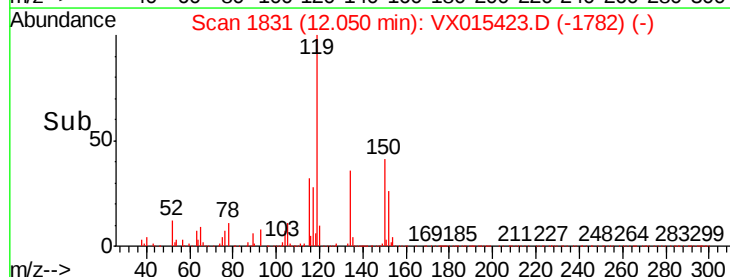
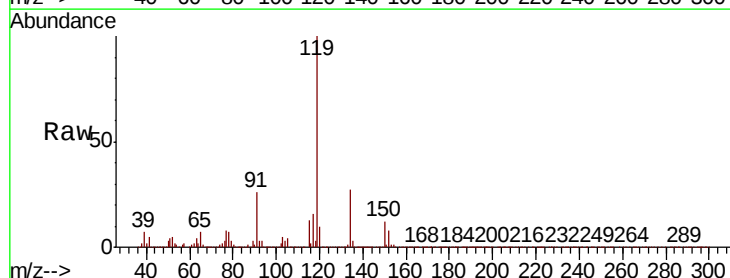
Tgt Ion:119 Resp: 2550549

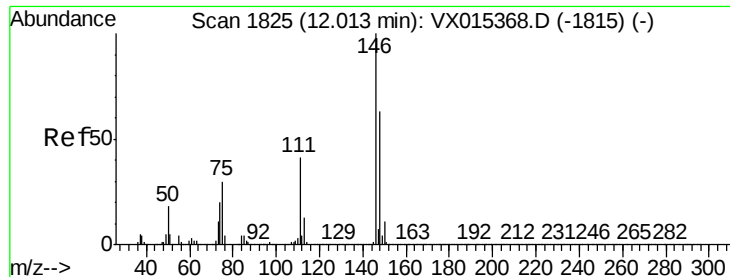
Ion Ratio Lower Upper

119 100

134 27.0 13.1 39.3

91 24.9 12.4 37.4

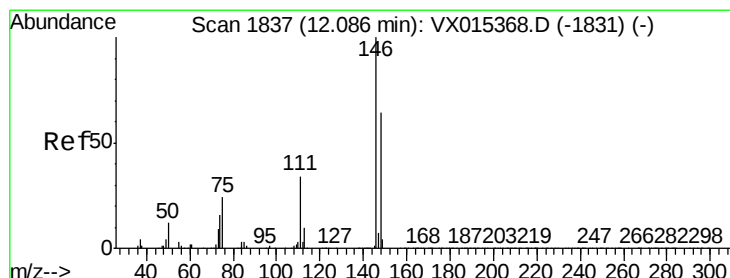
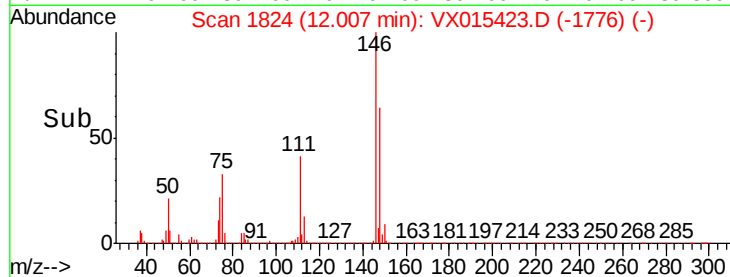
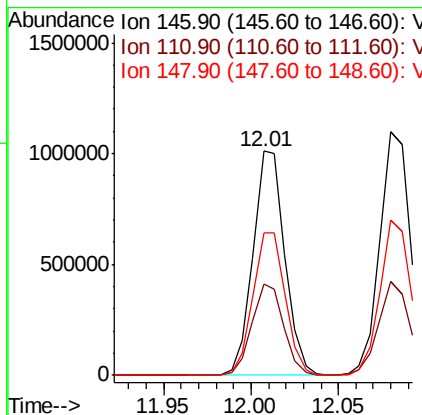
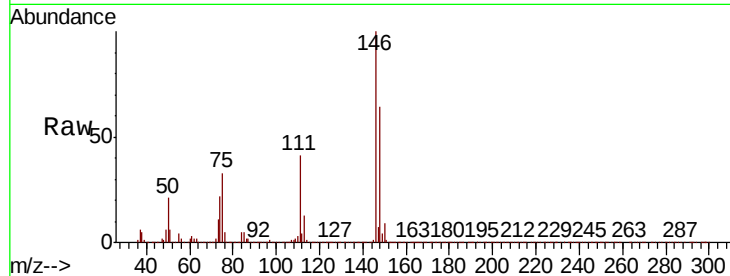




#87
 1,3-Dichlorobenzene
 Concen: 48.304 ug/l
 RT: 12.01 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: VX015423.D
 Acq: 30 Mar 2020 12:49

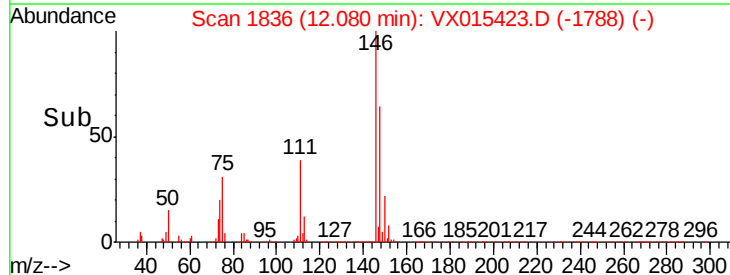
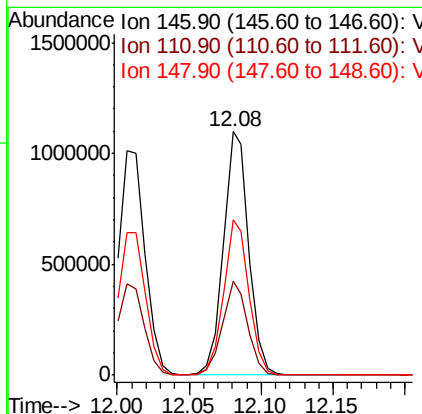
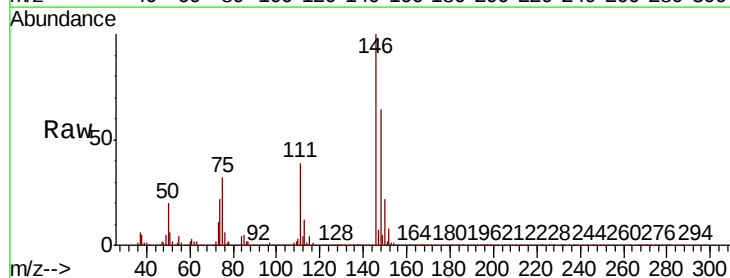
Instrument :
 MSVOA_X
 ClientSampled :

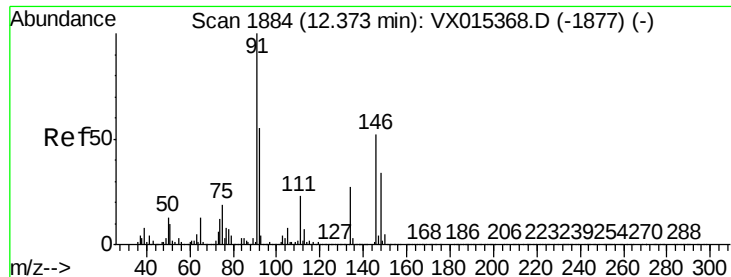
Tot Ion:146 Resp: 1290092
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.3 60.9
 148 65.0 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 49.637 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015423.D
 Acq: 30 Mar 2020 12:49

Tgt Ion:146 Resp: 1350352
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.1 57.5
 148 64.2 32.4 97.2

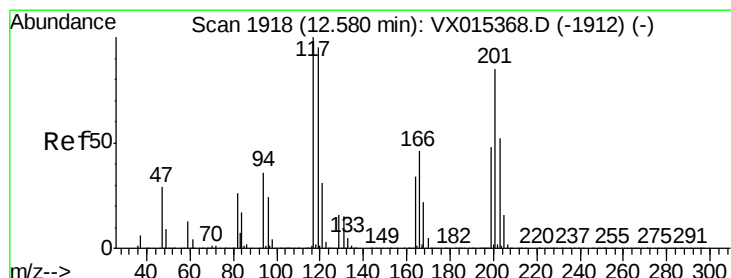
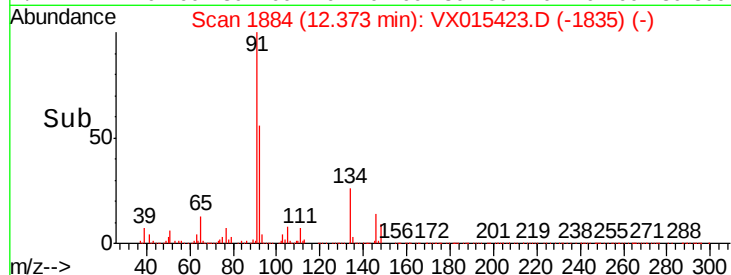
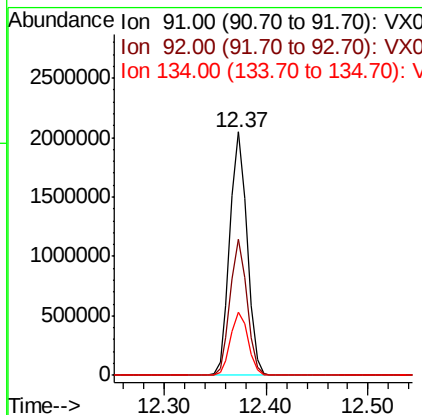
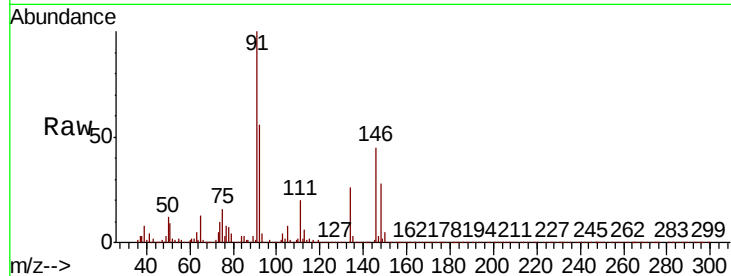




#89
n-Butylbenzene
Concen: 52.469 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

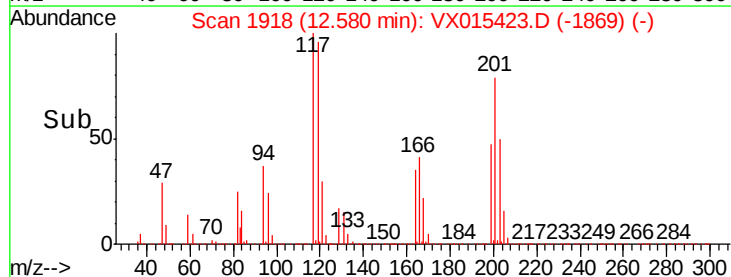
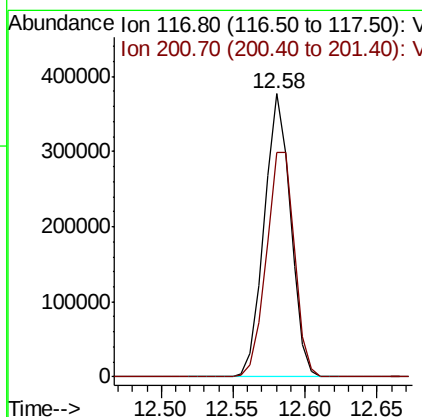
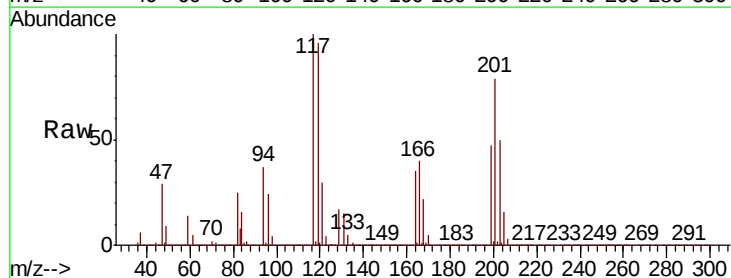
Instrument :
MSVOA_X
ClientSampleId :

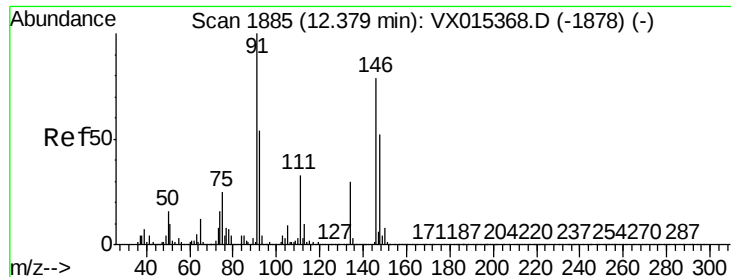
Tot Ion: 91 Resp: 2375245
Ion Ratio Lower Upper
91 100
92 54.7 27.2 81.5
134 26.4 13.4 40.2



#90
Hexachloroethane
Concen: 48.688 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Tgt Ion: 117 Resp: 474726
Ion Ratio Lower Upper
117 100
201 84.8 42.6 128.0





#91

1,2-Dichlorobenzene

Concen: 48.234 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Instrument :

MSVOA_X

ClientSampleId :

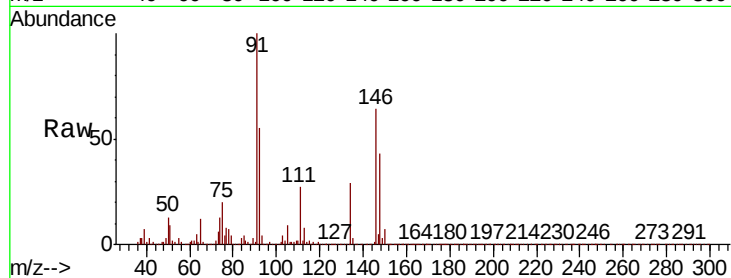
Tot Ion:146 Resp: 1260682

Ion Ratio Lower Upper

146 100

111 42.8 21.0 63.0

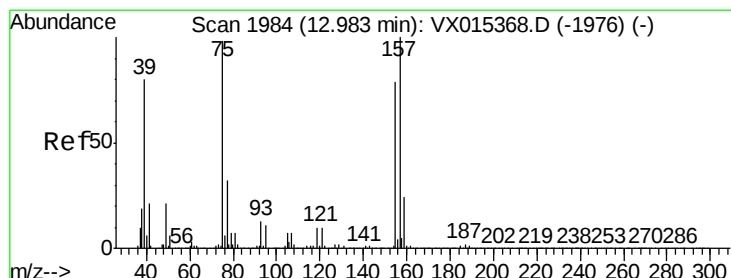
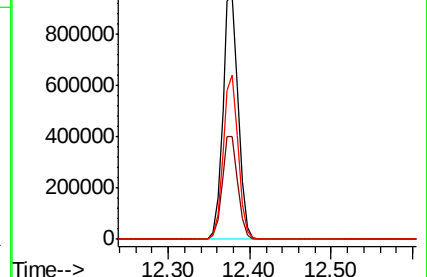
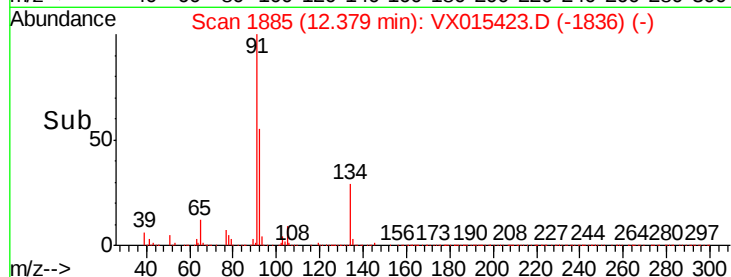
148 65.4 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 40.210 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. -0.00 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

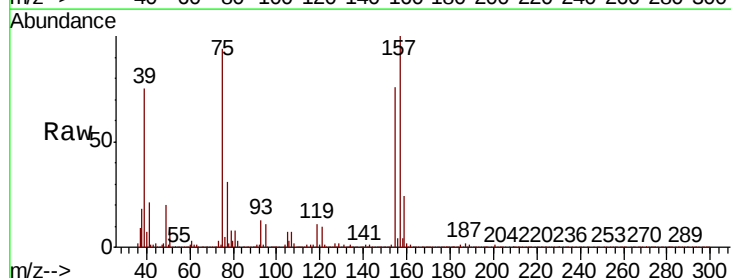
Tgt Ion: 75 Resp: 217810

Ion Ratio Lower Upper

75 100

155 84.7 42.8 128.4

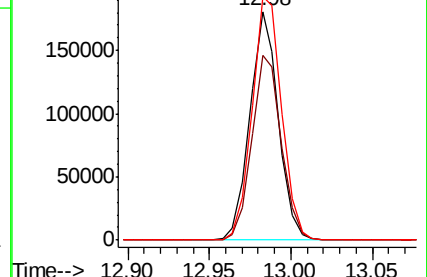
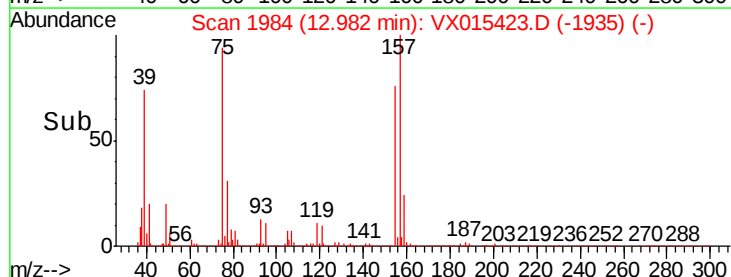
157 111.9 53.4 160.3

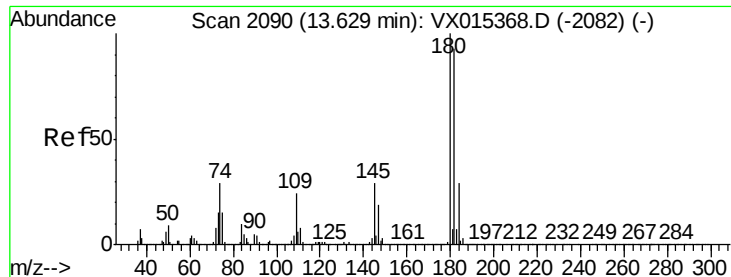


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

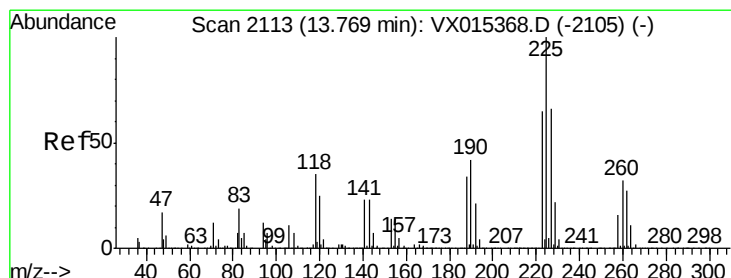
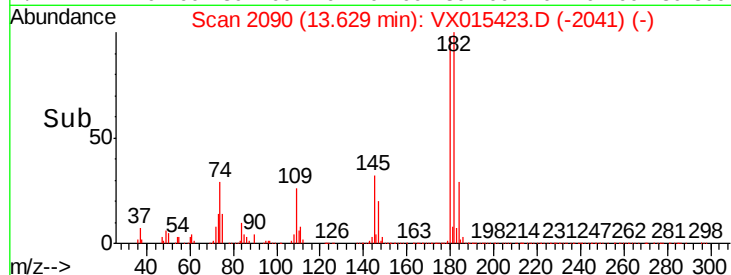
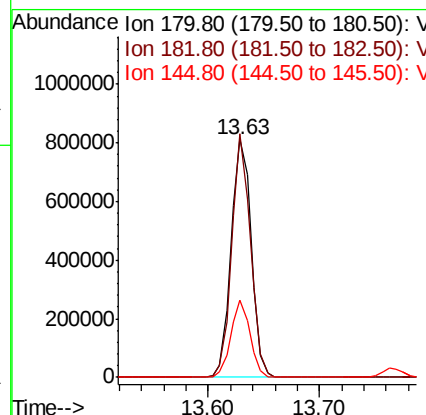
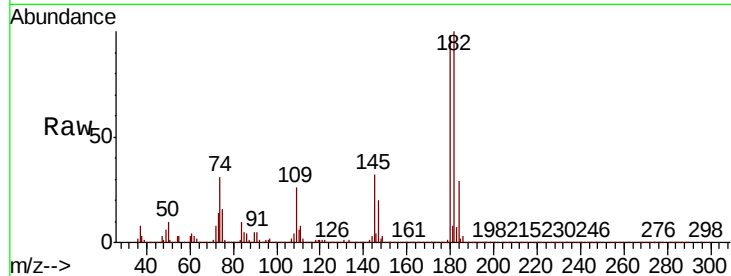




#93
 1,2,4-Trichlorobenzene
 Concen: 48.947 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015423.D
 Acq: 30 Mar 2020 12:49

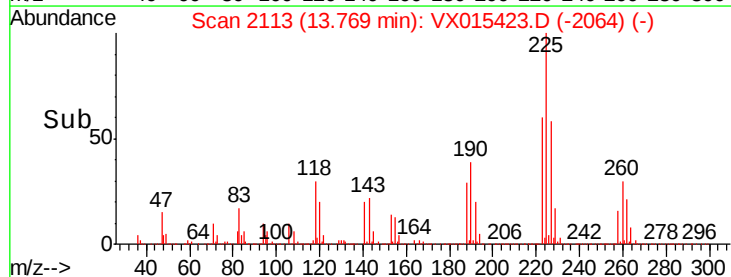
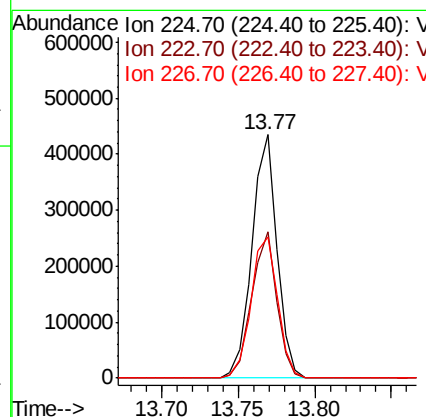
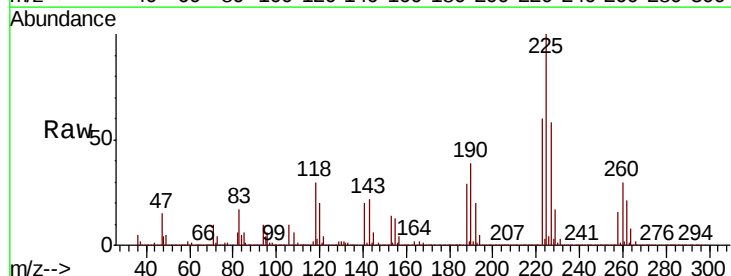
Instrument :
 MSVOA_X
 ClientSampled :

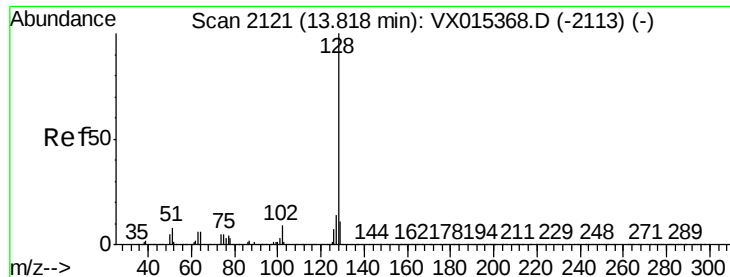
Tot Ion:180 Resp: 1011941
 Ion Ratio Lower Upper
 180 100
 182 95.3 46.9 140.7
 145 30.8 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 50.049 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015423.D
 Acq: 30 Mar 2020 12:49

Tgt Ion:225 Resp: 492638
 Ion Ratio Lower Upper
 225 100
 223 60.4 31.9 95.7
 227 61.9 30.4 91.3

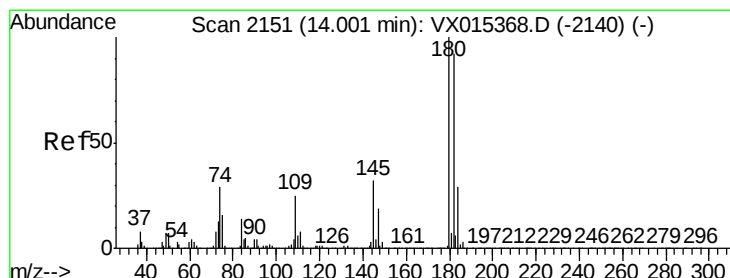
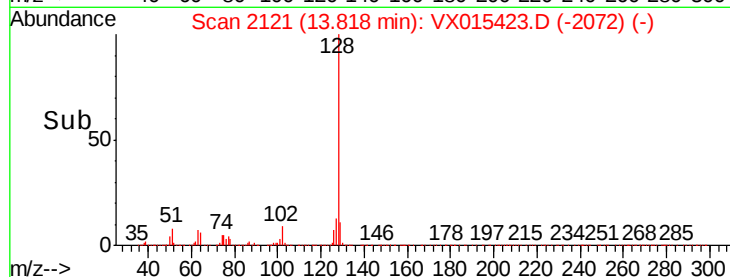
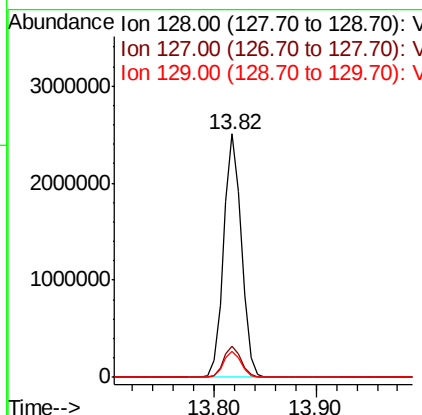
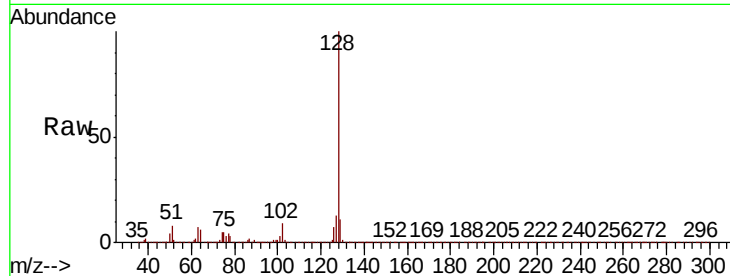




#95
Naphthalene
Concen: 47.910 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 3021357
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 51.128 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Tgt Ion:180 Resp: 1017701
Ion Ratio Lower Upper
180 100
182 93.1 46.7 140.0
145 31.1 15.8 47.3

