

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041020\
 Data File : VX015612.D
 Acq On : 10 Apr 2020 11:46
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 11 00:28:50 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	1187266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1791431	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1638680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	884210	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	777169	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	
35) Dibromofluoromethane	5.47	113	570382	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
50) Toluene-d8	8.70	98	2086337	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
62) 4-Bromofluorobenzene	11.12	95	864402	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	465169	44.471	ug/l	98
3) Chloromethane	1.31	50	564260	42.359	ug/l	98
4) Vinyl Chloride	1.39	62	548291	44.826	ug/l	99
5) Bromomethane	1.62	94	299399	53.700	ug/l	97
6) Chloroethane	1.71	64	351146	46.289	ug/l	99
7) Trichlorofluoromethane	1.92	101	785313	47.875	ug/l	97
8) Diethyl Ether	2.17	74	322557	46.621	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	519369	48.569	ug/l	99
10) Methyl Iodide	2.49	142	695968	48.273	ug/l	100
11) Tert butyl alcohol	3.01	59	674522	168.293	ug/l	99
12) 1,1-Dichloroethene	2.36	96	495375	44.194	ug/l	97
13) Acrolein	2.27	56	395344	173.157	ug/l	99
14) Allyl chloride	2.70	41	1123512	42.897	ug/l	97
15) Acrylonitrile	3.11	53	1598516	209.131	ug/l	100
16) Acetone	2.42	43	1887776	262.407	ug/l	100
17) Carbon Disulfide	2.55	76	1375918	40.239	ug/l	100
18) Methyl Acetate	2.75	43	784311	42.715	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	1949244	44.838	ug/l	99
20) Methylene Chloride	2.83	84	578516	43.052	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	549051	44.136	ug/l	96
22) Diisopropyl ether	3.83	45	2087228	44.974	ug/l	90
23) Vinyl Acetate	3.78	43	9220595	219.434	ug/l	99
24) 1,1-Dichloroethane	3.67	63	1076282	44.046	ug/l	100
25) 2-Butanone	4.63	43	2509253	216.884	ug/l	98
26) 2,2-Dichloropropane	4.55	77	979758	48.848	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	656783	45.634	ug/l	99
28) Bromochloromethane	4.98	49	557928	47.822	ug/l	98
29) Tetrahydrofuran	5.09	42	1487016	199.927	ug/l	99
30) Chloroform	5.18	83	1063597	45.242	ug/l	97
31) Cyclohexane	5.55	56	941476	44.414	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	958942	45.072	ug/l	100
36) 1,1-Dichloropropene	5.77	75	788634	47.779	ug/l	99
37) Ethyl Acetate	4.80	43	928461	43.200	ug/l	100
38) Carbon Tetrachloride	5.75	117	843234	47.167	ug/l	96

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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	937915	49.282	ug/l	99
40) Benzene	6.11	78	2296768	47.502	ug/l	97
41) Methacrylonitrile	5.00	41	539670	45.234	ug/l	99
42) 1,2-Dichloroethane	6.16	62	939613	48.380	ug/l	100
43) Isopropyl Acetate	6.41	43	1611940	44.430	ug/l	99
44) Trichloroethene	7.19	130	647716	49.120	ug/l	97
45) 1,2-Dichloropropane	7.49	63	625219	47.269	ug/l	98
46) Dibromomethane	7.64	93	404589	46.630	ug/l	95
47) Bromodichloromethane	7.87	83	880966	47.651	ug/l	99
48) Methyl methacrylate	7.75	41	818115	45.145	ug/l	99
49) 1,4-Dioxane	7.72	88	262829	777.456	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	4611606	224.288	ug/l	100
52) Toluene	8.76	92	1469695	49.303	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	1012603	46.700	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	1067334	48.323	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	595954	48.796	ug/l	98
56) Ethyl methacrylate	9.16	69	993741	46.169	ug/l	99
57) 1,3-Dichloropropane	9.36	76	1031258	46.867	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2556762	244.214	ug/l	99
59) 2-Hexanone	9.47	43	3593254	231.477	ug/l	99
60) Dibromochloromethane	9.57	129	706004	48.107	ug/l	99
61) 1,2-Dibromoethane	9.65	107	638786	48.102	ug/l	99
64) Tetrachloroethene	9.32	164	621086	50.222	ug/l	94
65) Chlorobenzene	10.12	112	1613396	49.369	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	646097	49.487	ug/l	100
67) Ethyl Benzene	10.24	91	2874186	49.588	ug/l	100
68) m/p-Xylenes	10.34	106	2183537	101.170	ug/l	99
69) o-Xylene	10.68	106	1060312	49.716	ug/l	99
70) Styrene	10.70	104	1843660	49.126	ug/l	100
71) Bromoform	10.84	173	569603	47.925	ug/l #	99
73) Isopropylbenzene	11.00	105	2868375	49.510	ug/l	100
74) N-amyl acetate	10.88	43	1420676	44.090	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	899129	45.228	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	1108592	60.968	ug/l	83
77) Bromobenzene	11.24	156	763751	49.423	ug/l	97
78) n-propylbenzene	11.34	91	3271511	49.383	ug/l	99
79) 2-Chlorotoluene	11.40	91	1956414	48.182	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	2424457	49.000	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	337069	44.480	ug/l	98
82) 4-Chlorotoluene	11.50	91	2313701	48.606	ug/l	99
83) tert-Butylbenzene	11.76	119	2406237	49.788	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2459001	48.770	ug/l	99
85) sec-Butylbenzene	11.93	105	2795848	50.019	ug/l	100
86) p-Isopropyltoluene	12.05	119	2730100	52.613	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	1388375	50.186	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	1417435	50.301	ug/l	97
89) n-Butylbenzene	12.37	91	2399858	51.178	ug/l	98
90) Hexachloroethane	12.58	117	477363	47.265	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	1356472	50.103	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	220643	39.324	ug/l	94

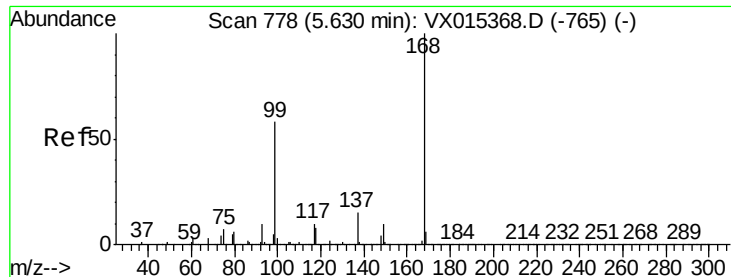
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1097272	51.238	ug/l	98
94) Hexachlorobutadiene	13.77	225	528768	51.860	ug/l	98
95) Naphthalene	13.82	128	3120423	47.768	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	1062455	51.529	ug/l	97

(#) = 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: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

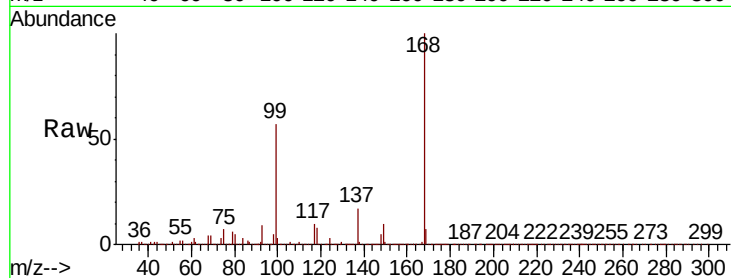
ClientSampleId :

Tot Ion:168 Resp: 1187266

Ion Ratio Lower Upper

168 100

99 56.8 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

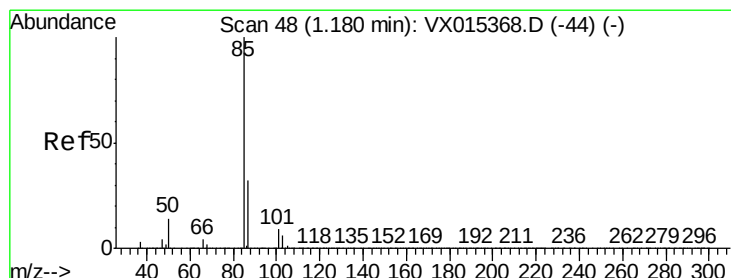
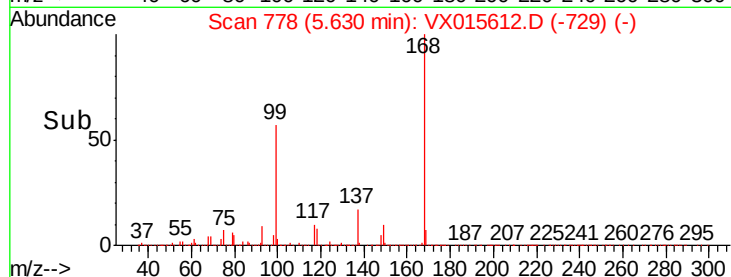
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.471 ug/l

RT: 1.18 min Scan# 48

Delta R.T. 0.00 min

Lab File: VX015612.D

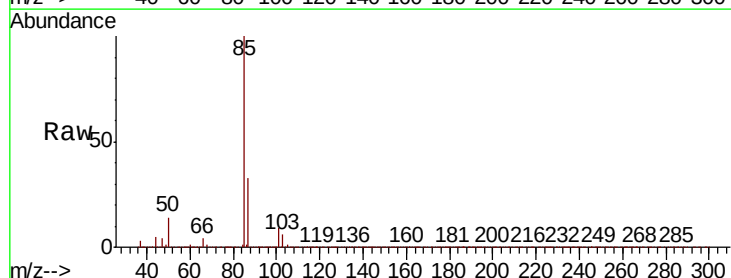
Acq: 10 Apr 2020 11:46

Tgt Ion: 85 Resp: 465169

Ion Ratio Lower Upper

85 100

87 32.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

500000

400000

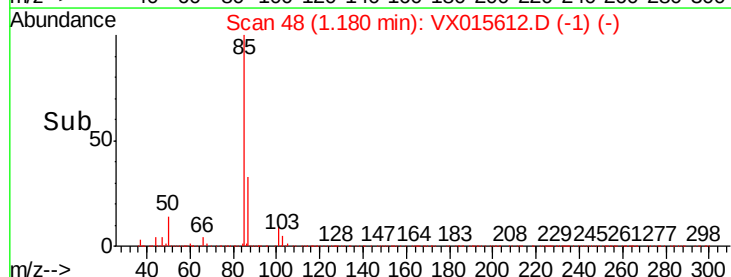
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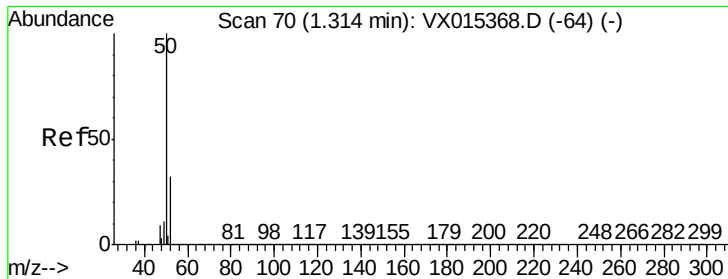
200000

100000

0

Time-->





#3

Chloromethane

Concen: 42.359 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

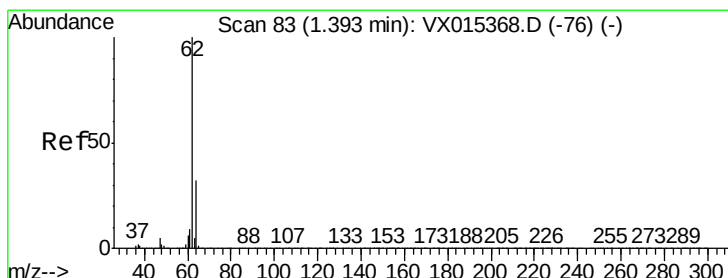
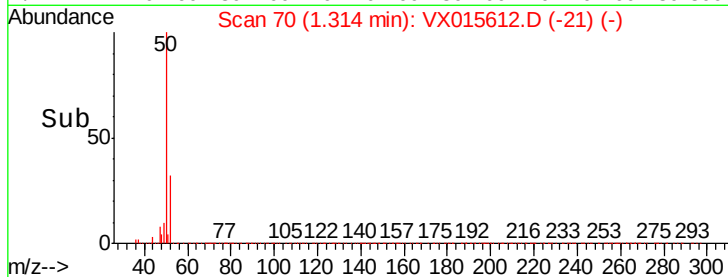
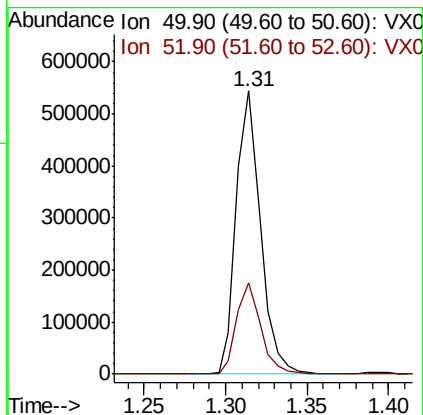
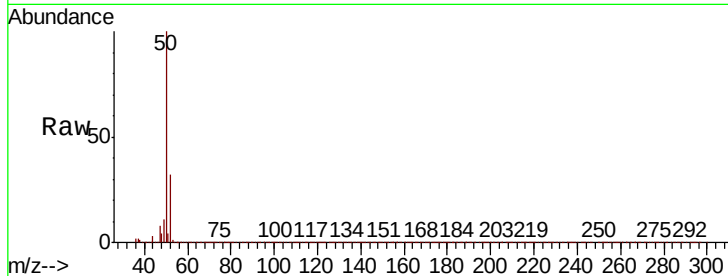
ClientSampleId :

Tot Ion: 50 Resp: 564260

Ion Ratio Lower Upper

50 100

52 32.4 25.3 37.9



#4

Vinyl Chloride

Concen: 44.826 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015612.D

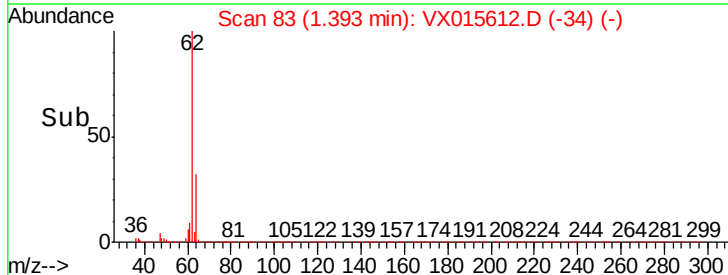
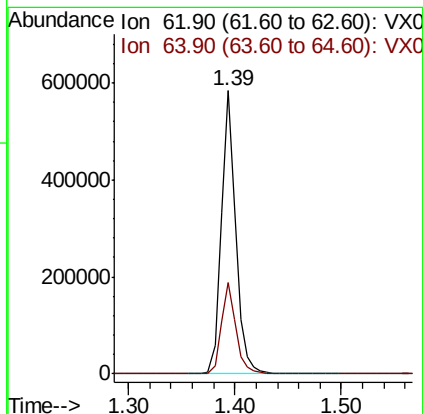
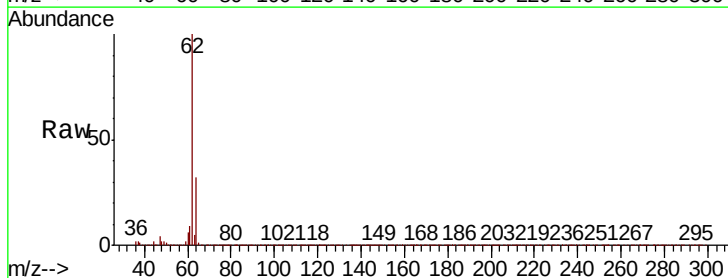
Acq: 10 Apr 2020 11:46

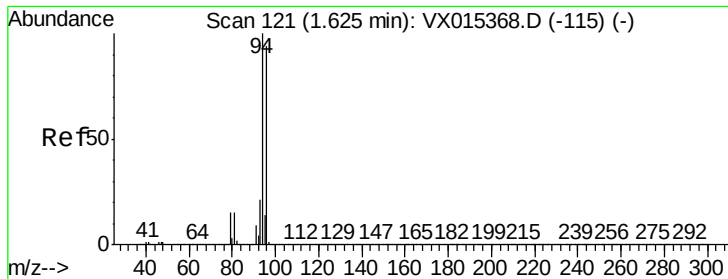
Tgt Ion: 62 Resp: 548291

Ion Ratio Lower Upper

62 100

64 32.1 26.0 39.0





#5

Bromomethane

Concen: 53.700 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

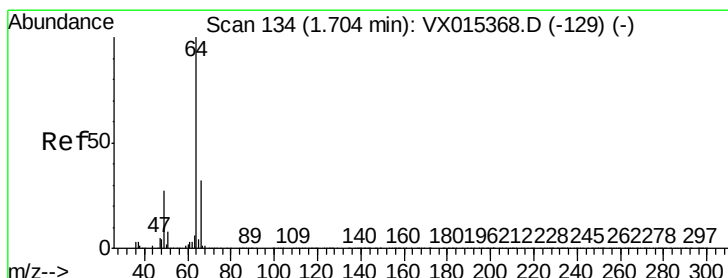
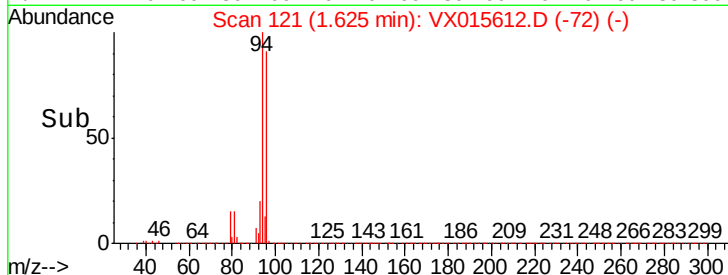
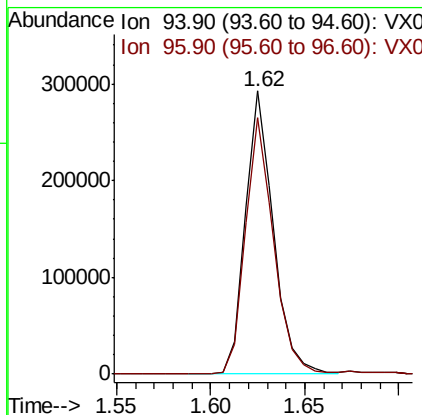
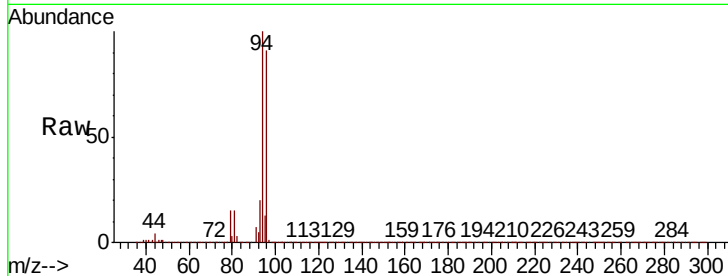
ClientSampleId :

Tot Ion: 94 Resp: 299399

Ion Ratio Lower Upper

94 100

96 90.7 74.8 112.2



#6

Chloroethane

Concen: 46.289 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015612.D

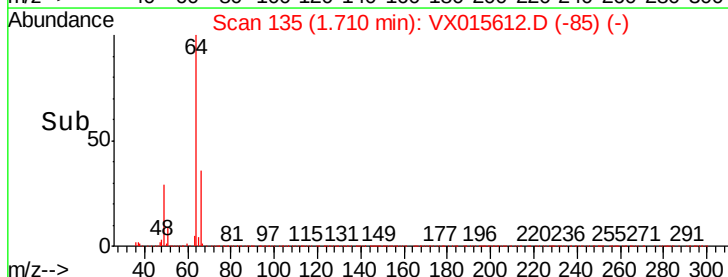
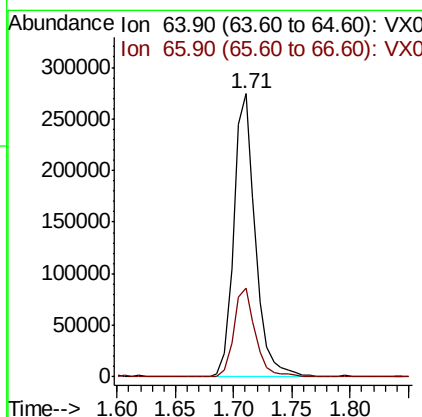
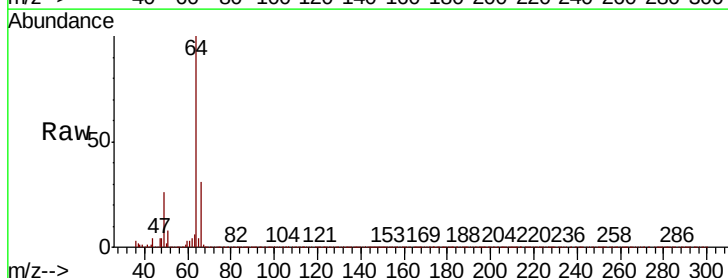
Acq: 10 Apr 2020 11:46

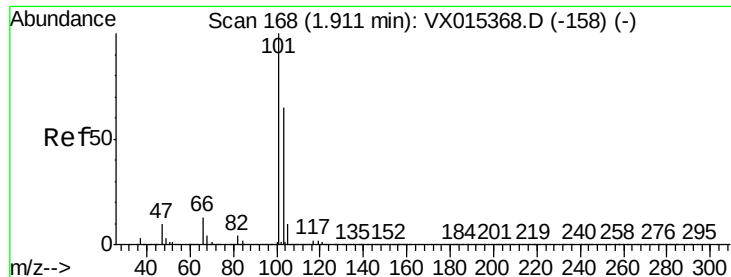
Tgt Ion: 64 Resp: 351146

Ion Ratio Lower Upper

64 100

66 31.1 25.4 38.2



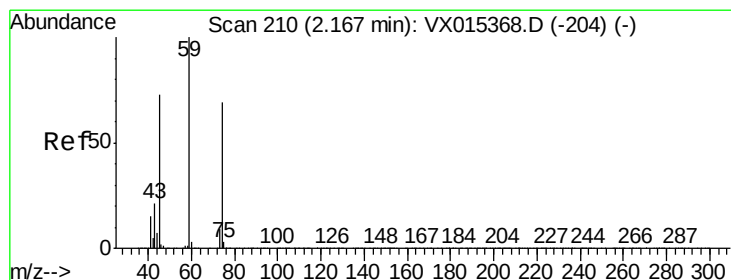
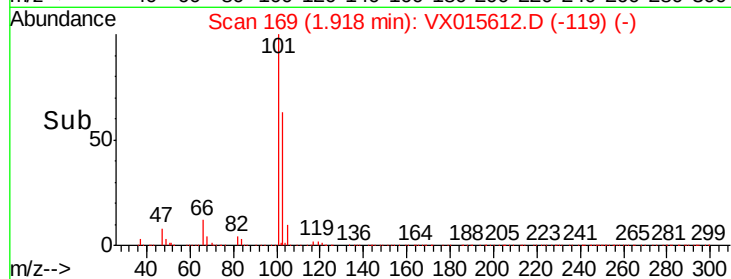
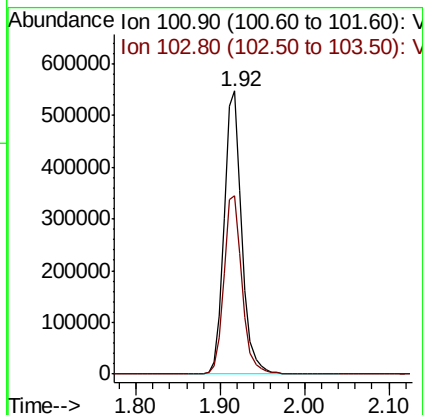
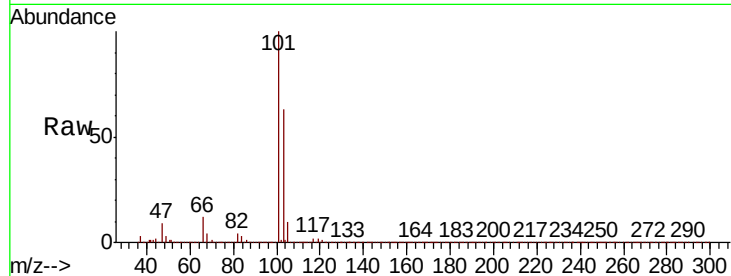


#7

Trichlorofluoromethane
Concen: 47.875 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :

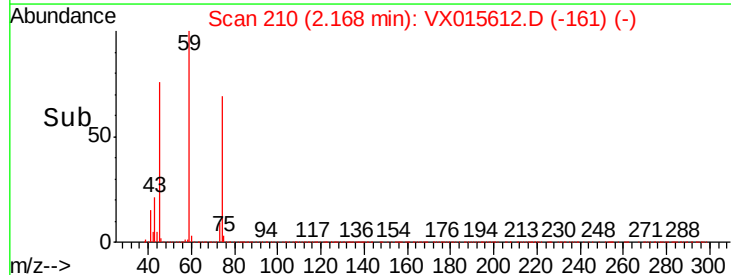
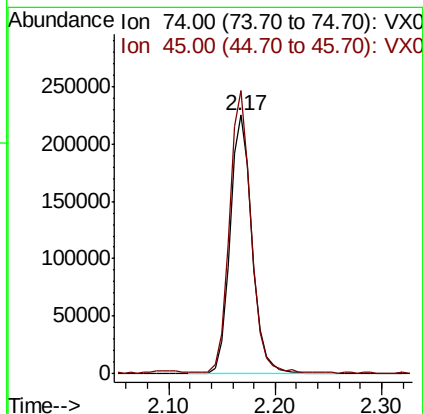
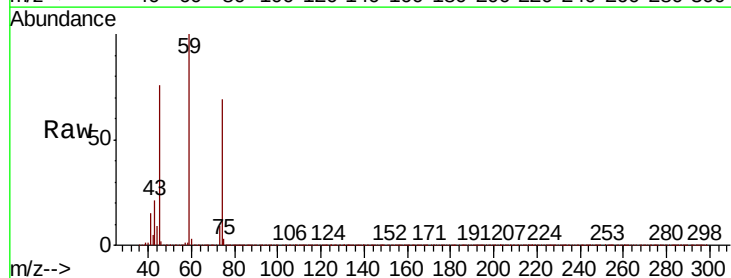
Tot Ion:101 Resp: 785313
Ion Ratio Lower Upper
101 100
103 62.8 52.3 78.5

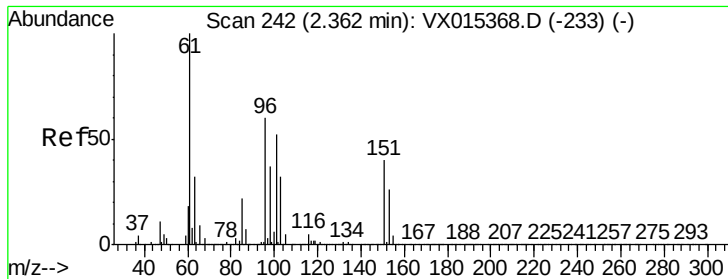


#8

Diethyl Ether
Concen: 46.621 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion: 74 Resp: 322557
Ion Ratio Lower Upper
74 100
45 107.2 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.569 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

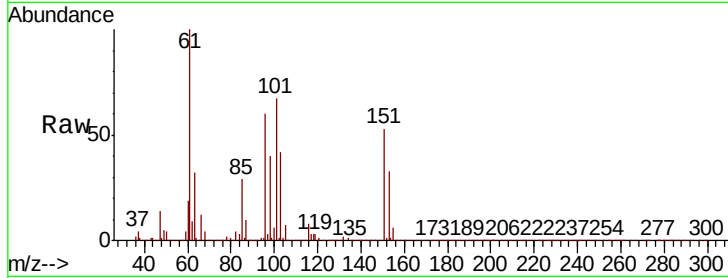
Tot Ion:101 Resp: 519369

Ion Ratio Lower Upper

101 100

85 44.0 35.0 52.4

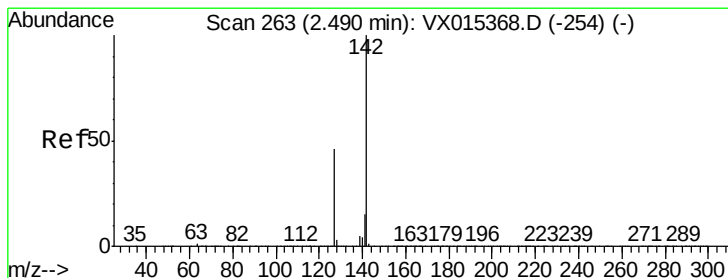
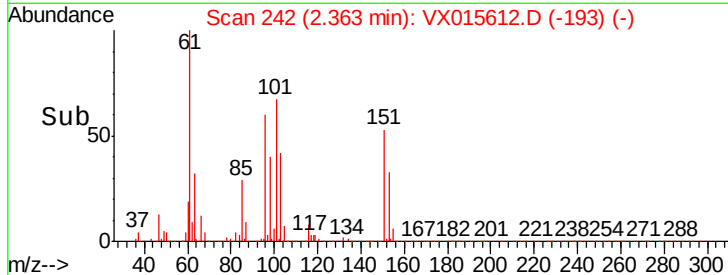
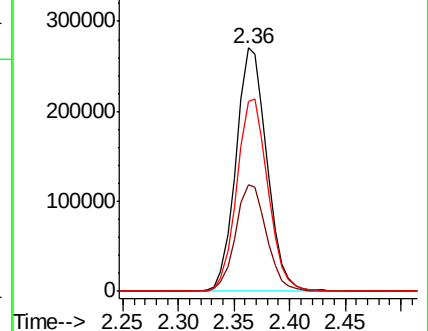
151 79.6 64.1 96.1



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: 48.273 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

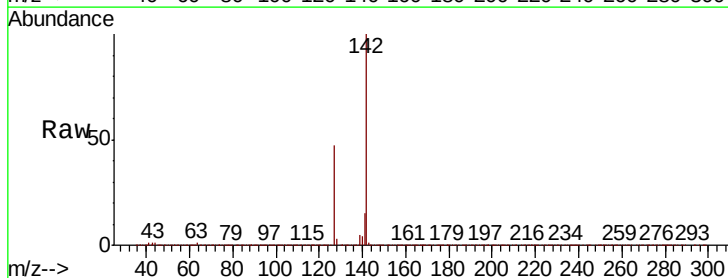
Tgt Ion:142 Resp: 695968

Ion Ratio Lower Upper

142 100

127 45.1 35.9 53.9

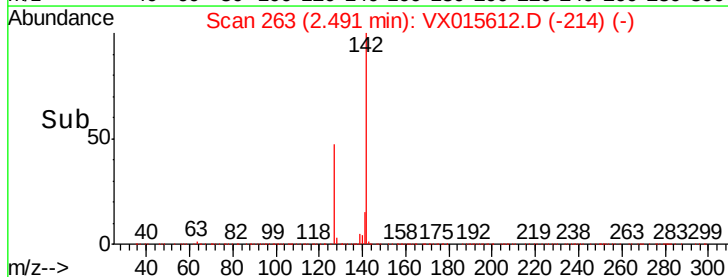
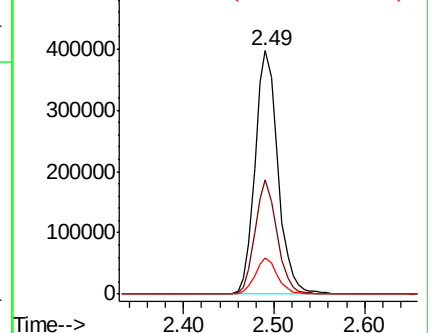
141 14.4 11.6 17.4

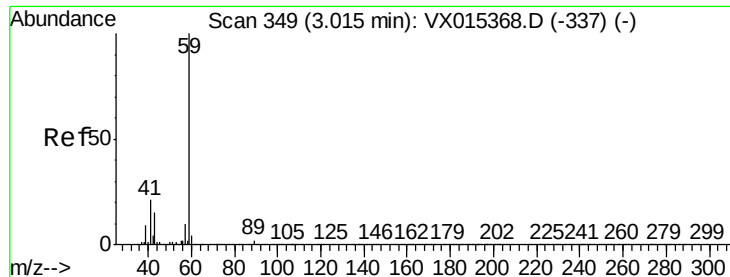


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



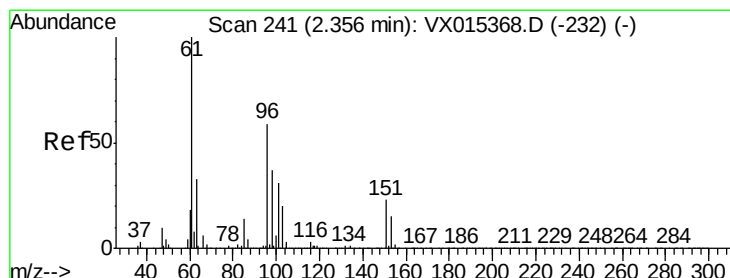
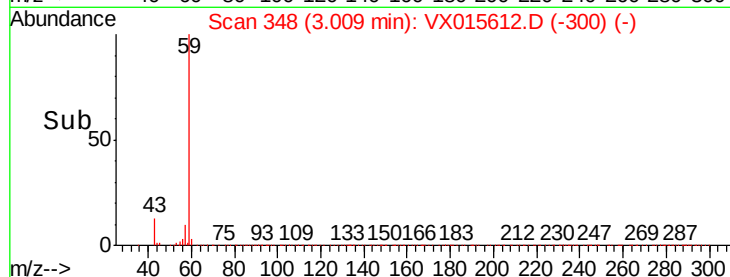
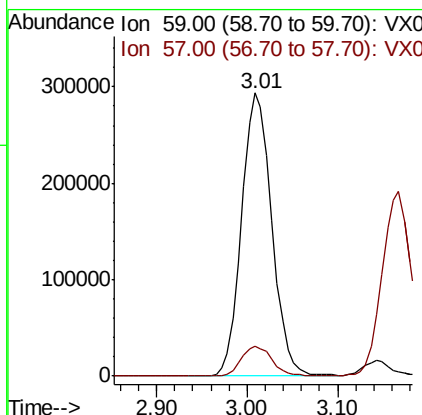
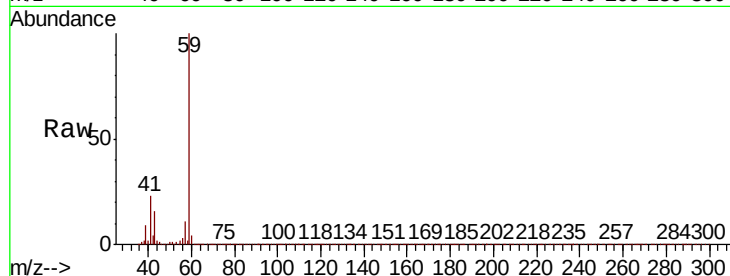


#11

Tert butyl alcohol
Concen: 168.293 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :

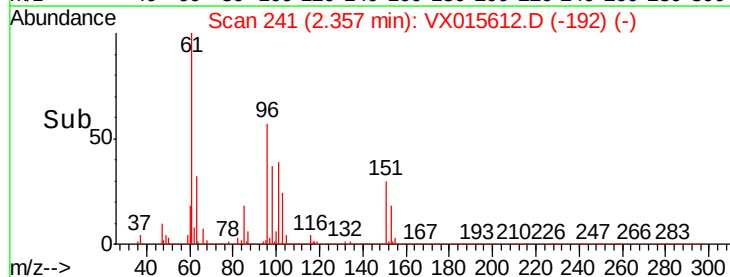
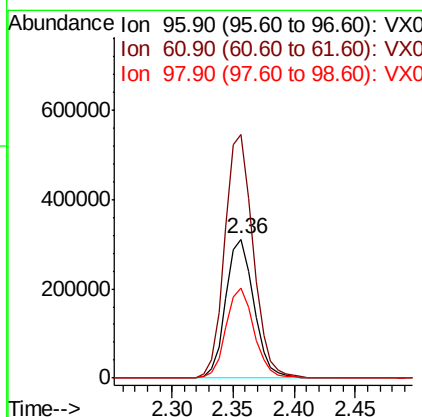
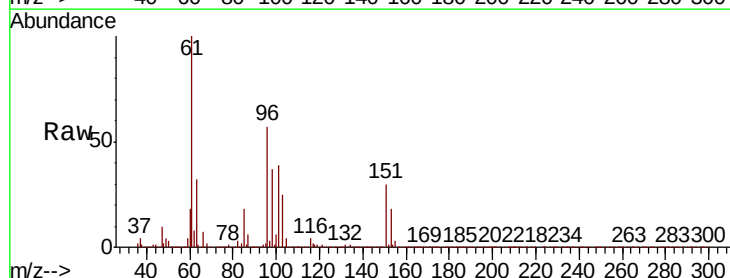
Tot Ion: 59 Resp: 674522
Ion Ratio Lower Upper
59 100
57 10.3 8.1 12.1

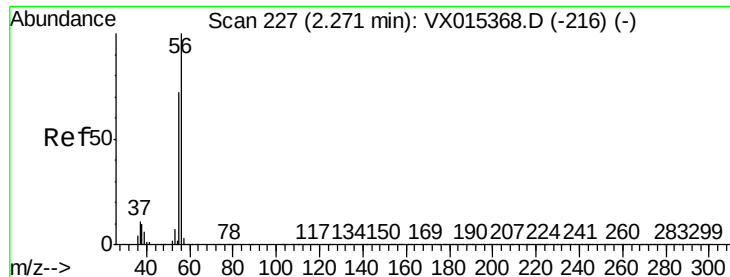


#12

1,1-Dichloroethene
Concen: 44.194 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion: 96 Resp: 495375
Ion Ratio Lower Upper
96 100
61 175.0 135.7 203.5
98 64.3 50.6 75.8





#13

Acrolein

Concen: 173.157 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

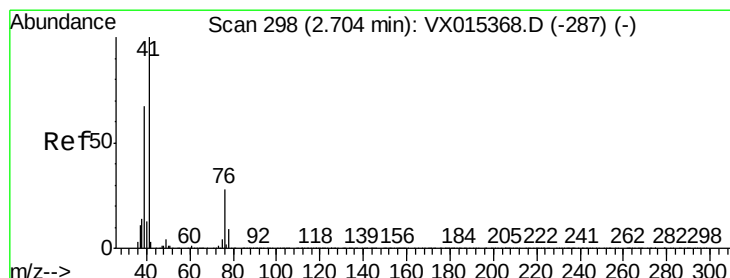
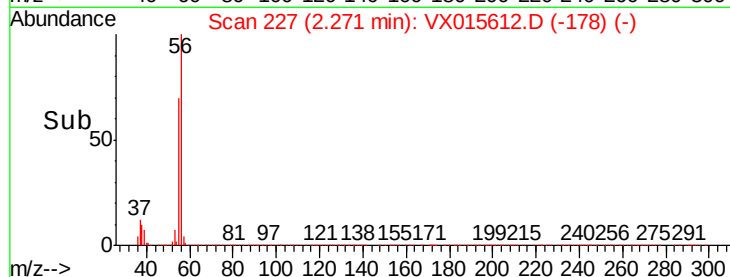
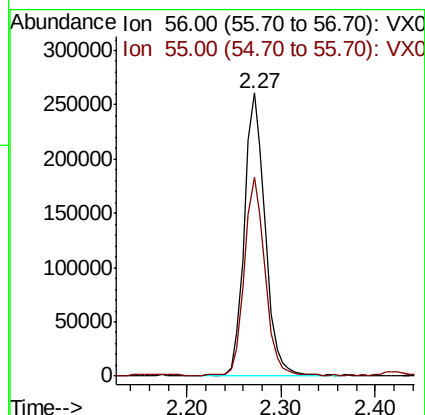
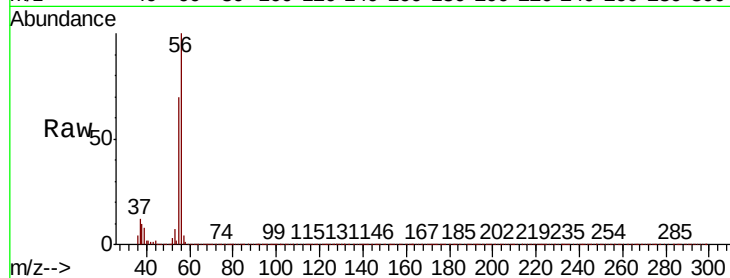
ClientSampleId :

Tot Ion: 56 Resp: 395344

Ion Ratio Lower Upper

56 100

55 71.6 57.0 85.4



#14

Allyl chloride

Concen: 42.897 ug/l

RT: 2.70 min Scan# 298

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

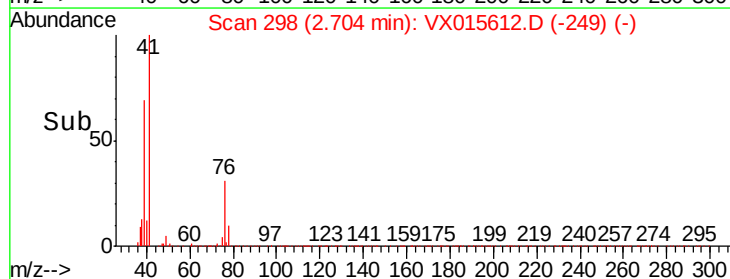
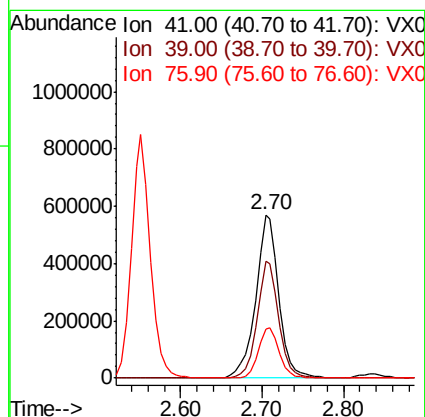
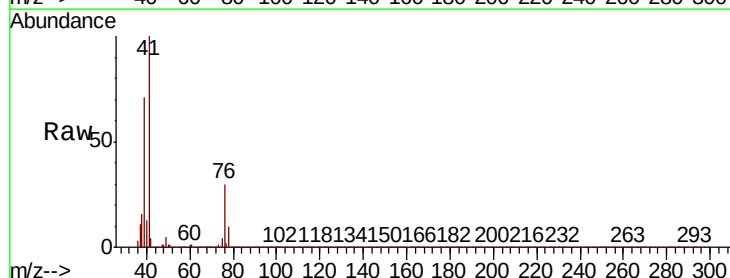
Tgt Ion: 41 Resp: 1123512

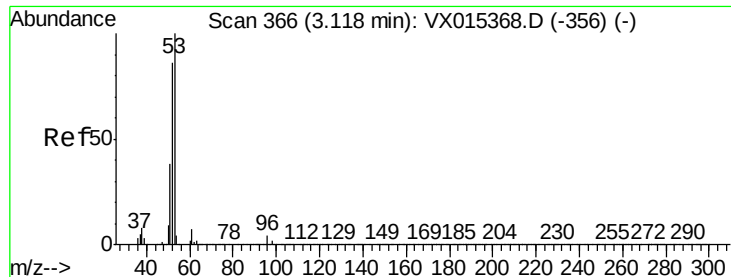
Ion Ratio Lower Upper

41 100

39 66.4 51.4 77.0

76 28.4 21.8 32.8





#15

Acrylonitrile

Concen: 209.131 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

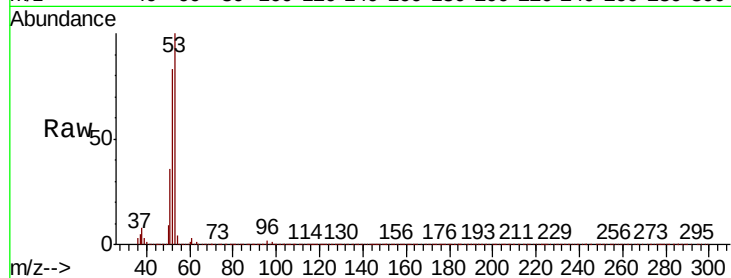
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 1598516

Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.8	100.2
51	37.3	29.5	44.3

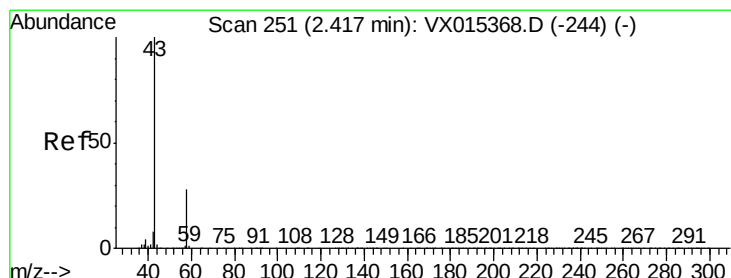
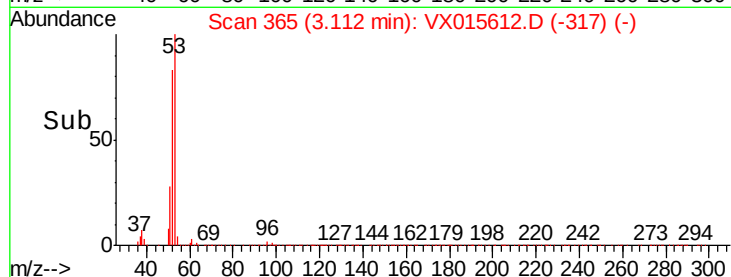
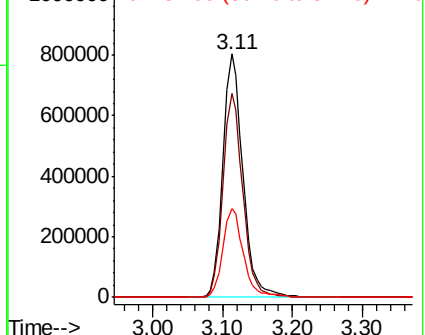


Abundance

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: 262.407 ug/l

RT: 2.42 min Scan# 251

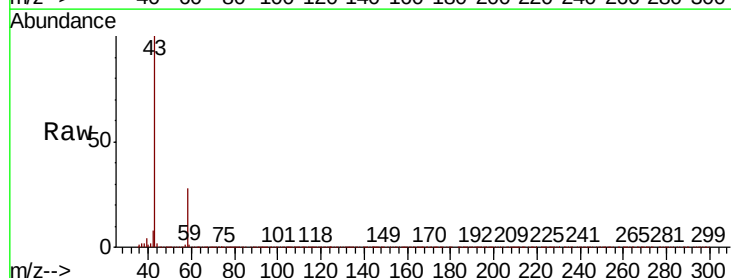
Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Tgt Ion: 43 Resp: 1887776

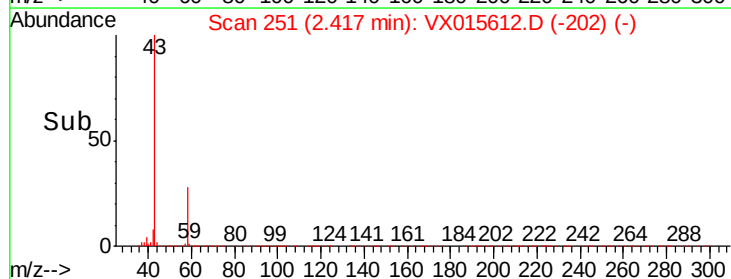
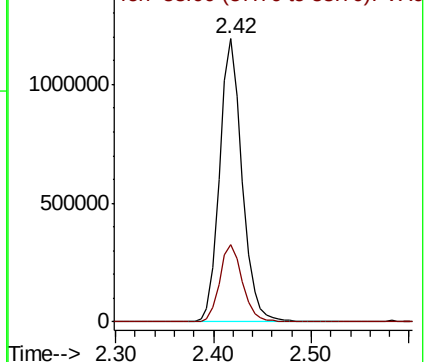
Ion	Ratio	Lower	Upper
43	100		
58	27.5	22.1	33.1

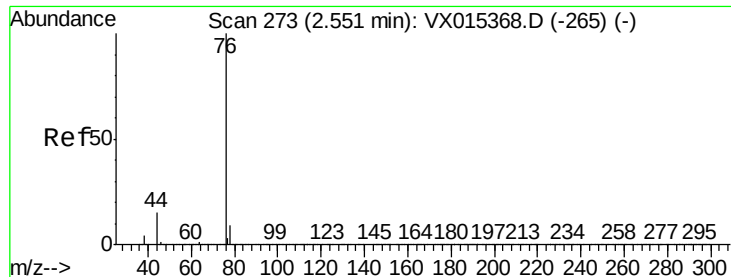


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 40.239 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

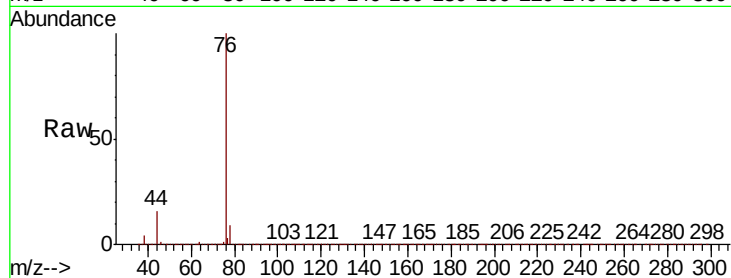
ClientSampleId :

Tot Ion: 76 Resp: 1375918

Ion Ratio Lower Upper

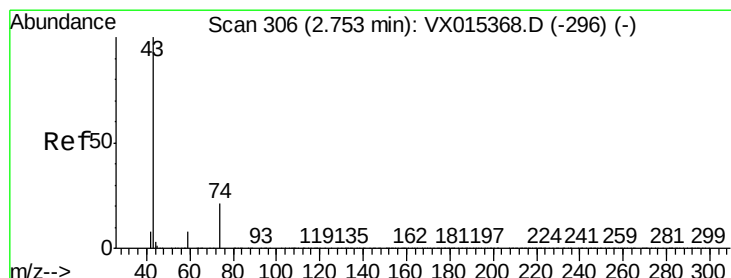
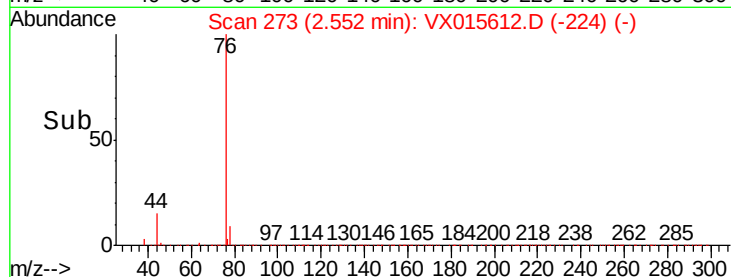
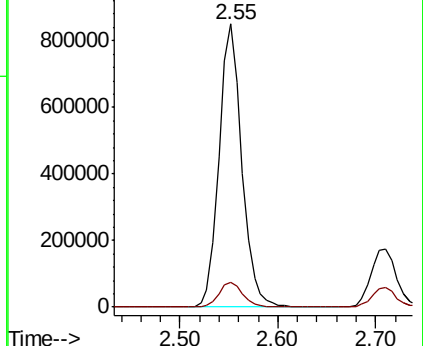
76 100

78 8.8 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 42.715 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015612.D

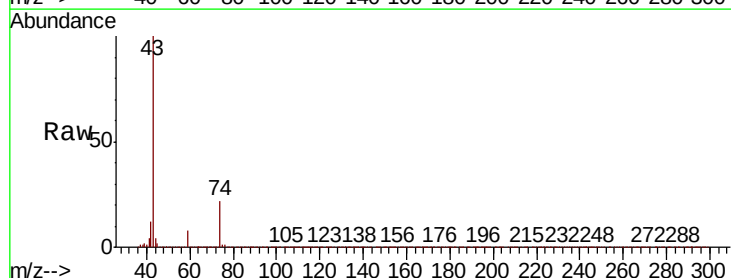
Acq: 10 Apr 2020 11:46

Tgt Ion: 43 Resp: 784311

Ion Ratio Lower Upper

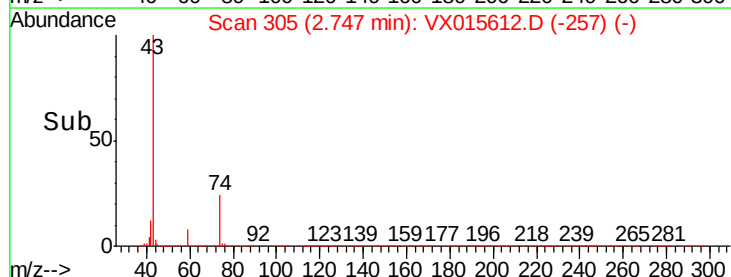
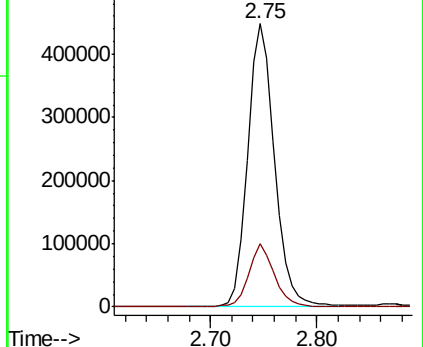
43 100

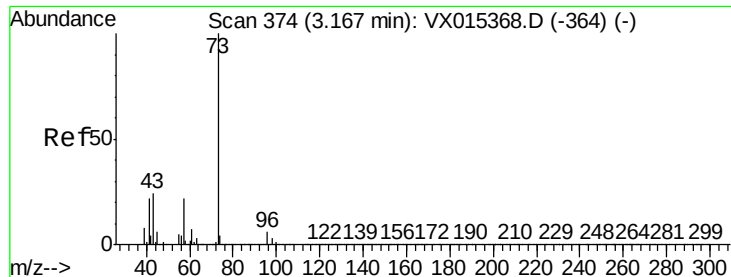
74 21.5 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



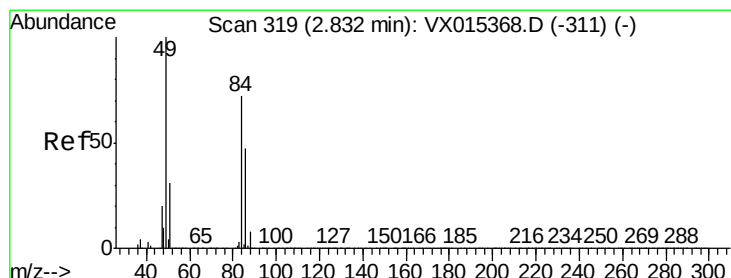
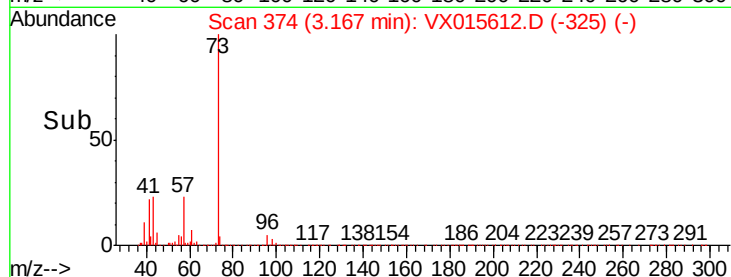
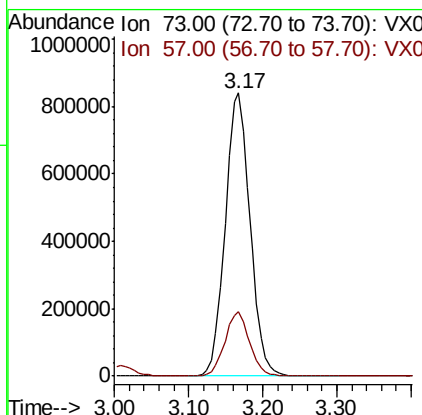
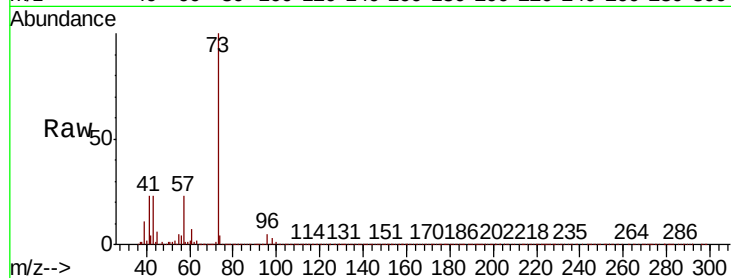


#19

Methyl tert-butyl Ether
 Concen: 44.838 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

Instrument :
 MSVOA_X
 ClientSampleId :

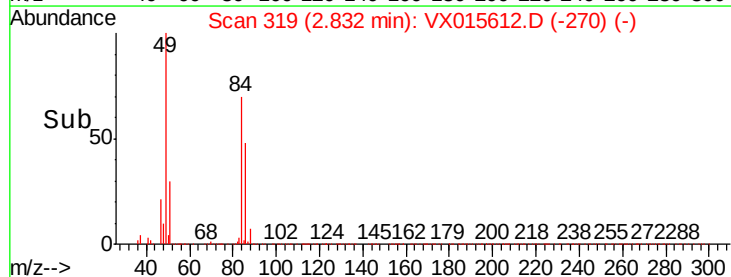
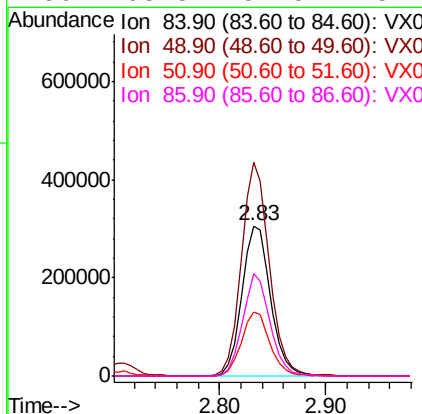
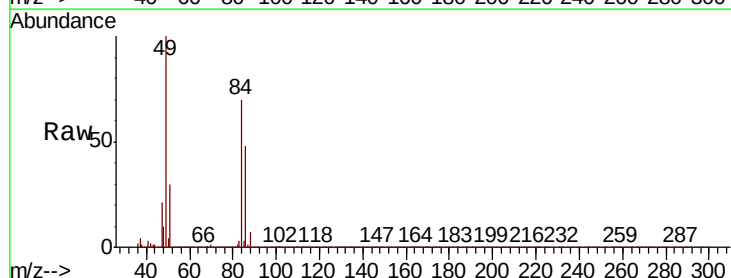
Tot Ion: 73 Resp: 1949244
 Ion Ratio Lower Upper
 73 100
 57 22.8 17.9 26.9

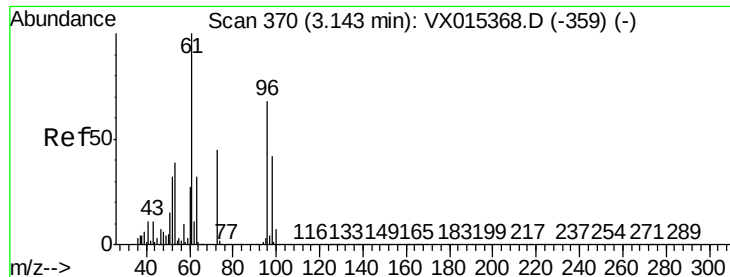


#20

Methylene Chloride
 Concen: 43.052 ug/l
 RT: 2.83 min Scan# 319
 Delta R.T. 0.00 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

Tgt Ion: 84 Resp: 578516
 Ion Ratio Lower Upper
 84 100
 49 142.3 111.3 166.9
 51 42.9 34.0 51.0
 86 68.3 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 44.136 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

ClientSampled :

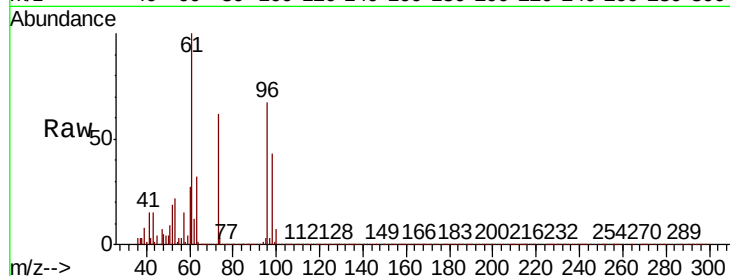
Tot Ion: 96 Resp: 549051

Ion Ratio Lower Upper

96 100

61 150.1 116.9 175.3

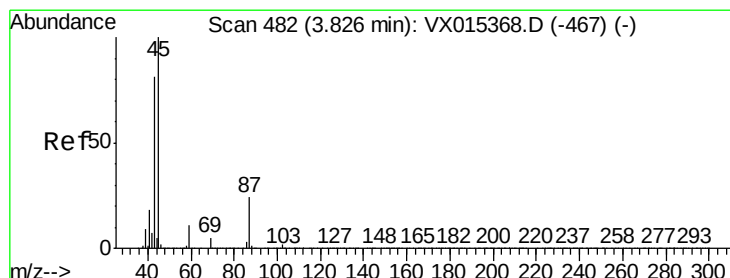
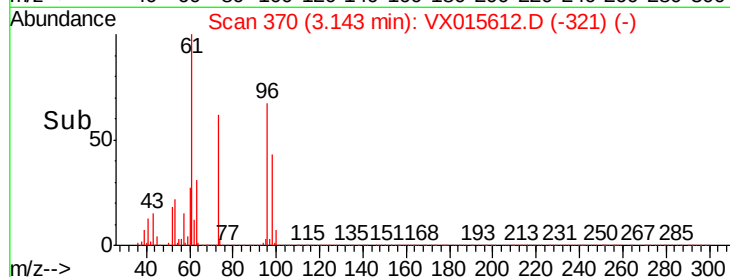
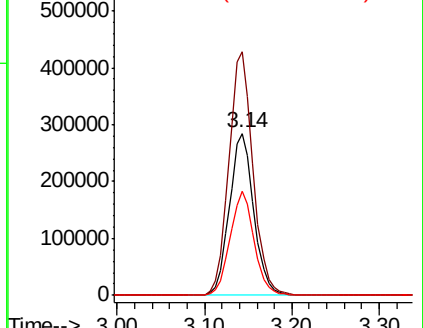
98 64.2 48.6 73.0



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



#22

Diisopropyl ether

Concen: 44.974 ug/l

RT: 3.83 min Scan# 482

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Tgt Ion: 45 Resp: 2087228

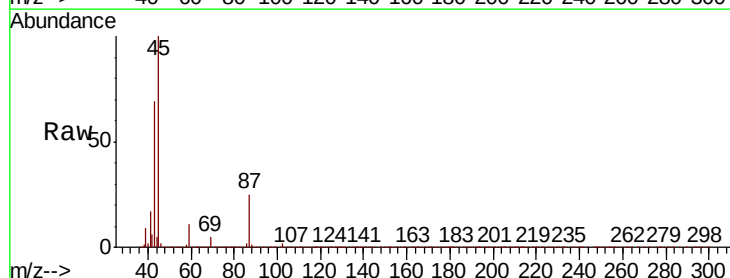
Ion Ratio Lower Upper

45 100

43 69.1 64.7 97.1

87 25.4 19.4 29.0

59 11.2 8.7 13.1

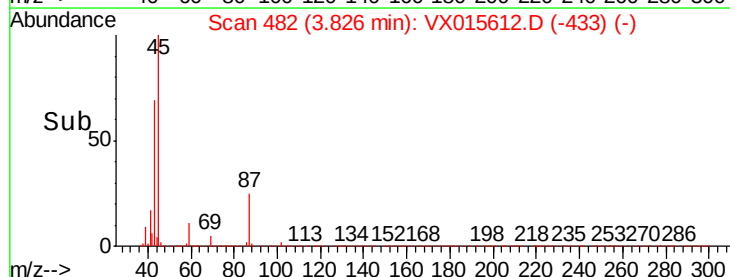
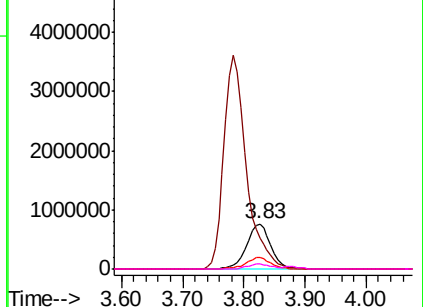


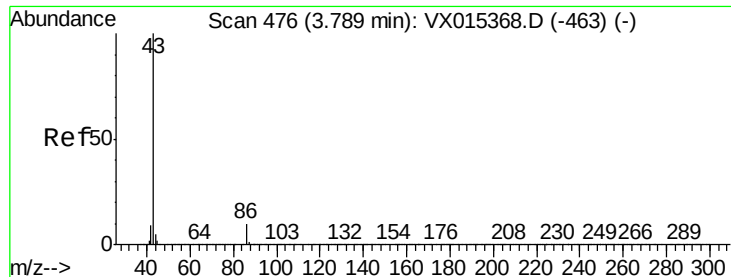
Abundance Ion 45.00 (44.70 to 45.70): VX0

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





#23

Vinyl Acetate

Concen: 219.434 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

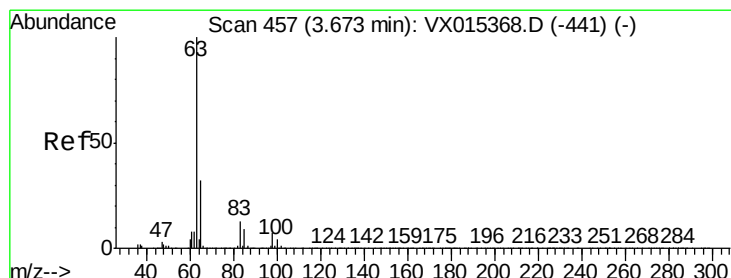
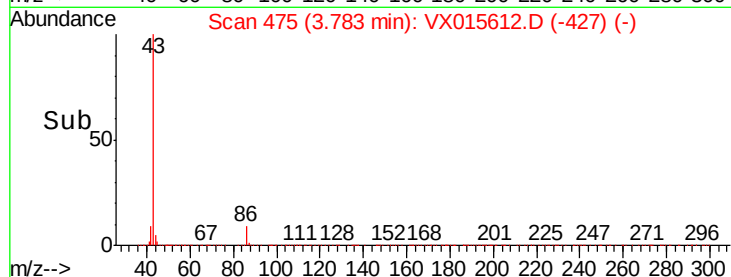
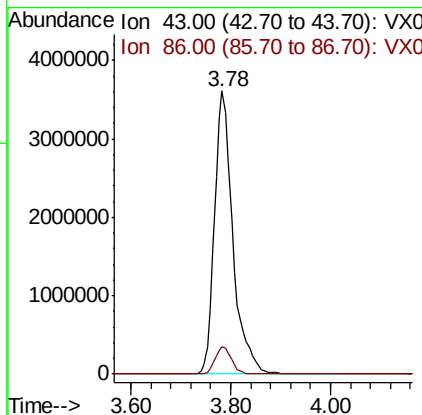
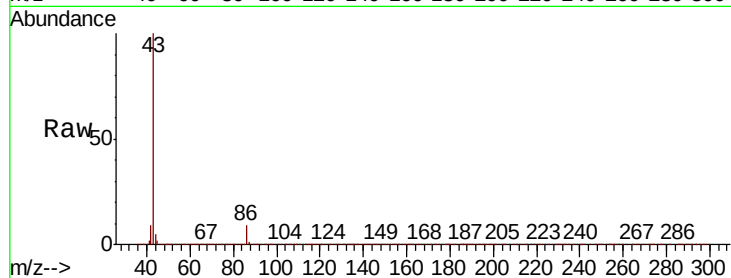
ClientSampled :

Tot Ion: 43 Resp: 9220595

Ion Ratio Lower Upper

43 100

86 9.4 7.8 11.6



#24

1,1-Dichloroethane

Concen: 44.046 ug/l

RT: 3.67 min Scan# 456

Delta R.T. -0.01 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

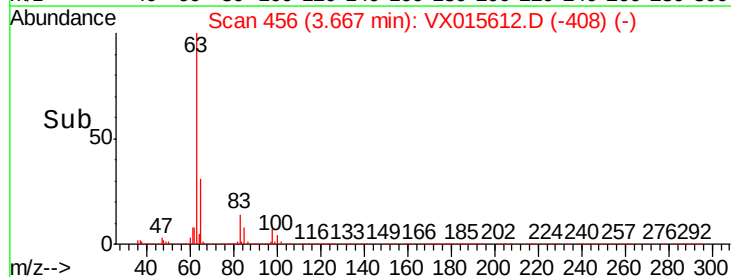
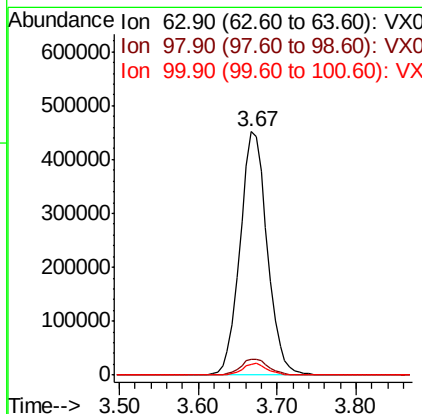
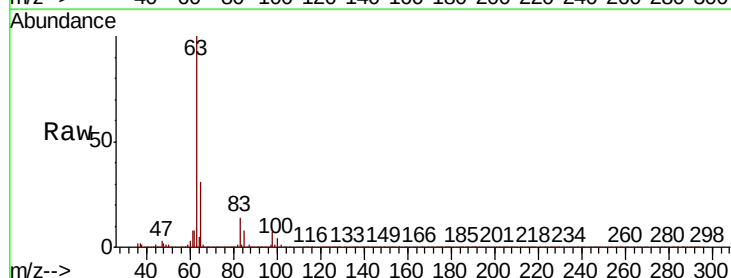
Tgt Ion: 63 Resp: 1076282

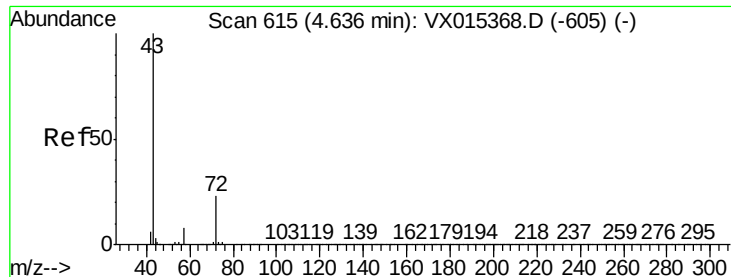
Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

100 4.3 2.1 6.5

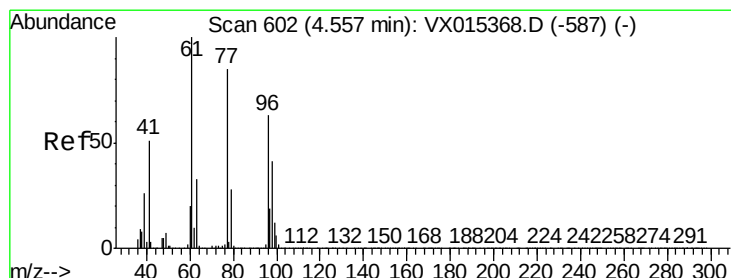
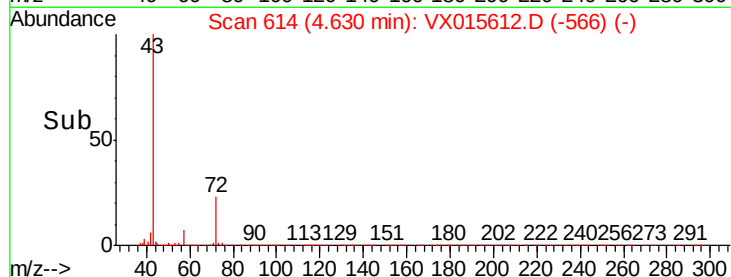
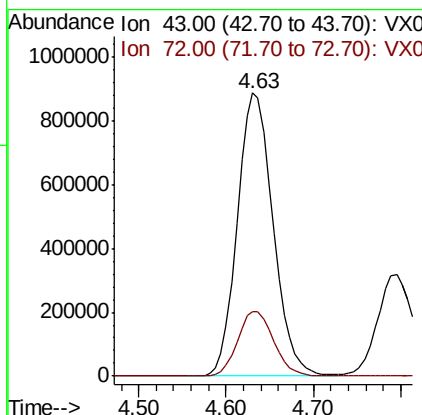
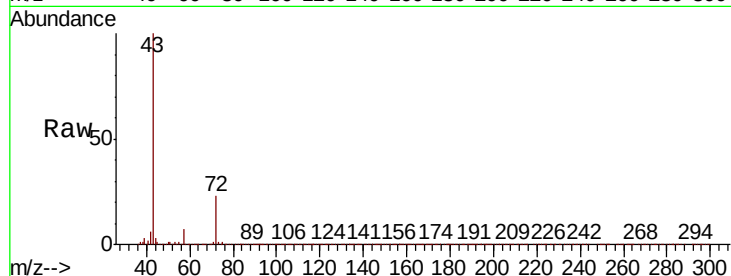




#25
2-Butanone
Concen: 216.884 ug/l
RT: 4.63 min Scan# 614
Delta R.T. -0.01 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

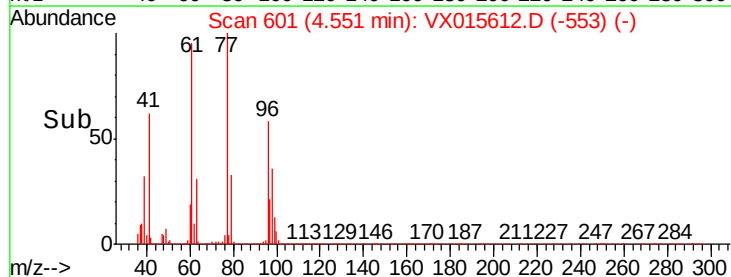
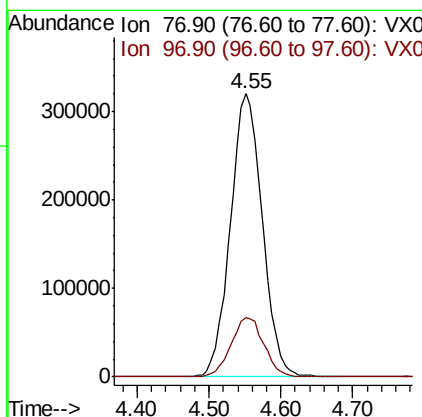
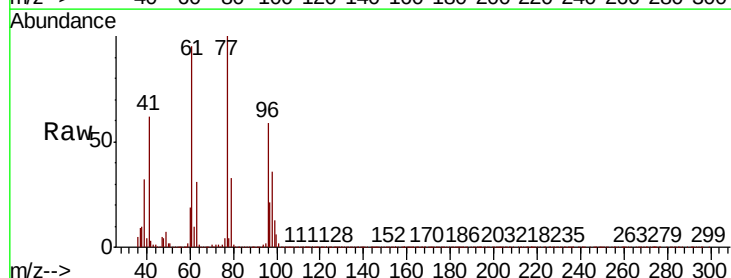
Instrument :
MSVOA_X
ClientSampleId :

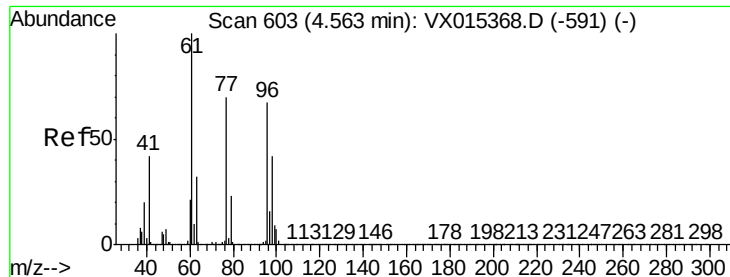
Tot Ion: 43 Resp: 2509253
Ion Ratio Lower Upper
43 100
72 22.6 19.0 28.4



#26
2,2-Dichloropropane
Concen: 48.848 ug/l
RT: 4.55 min Scan# 601
Delta R.T. -0.01 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion: 77 Resp: 979758
Ion Ratio Lower Upper
77 100
97 21.5 11.3 33.8



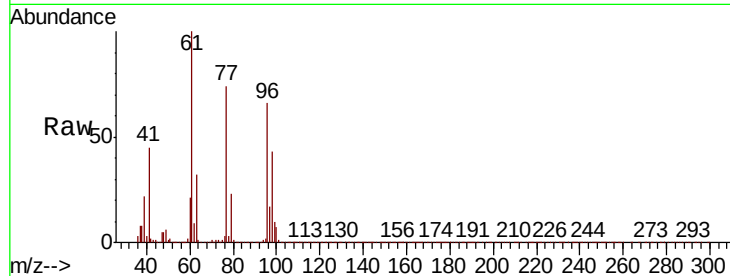


#27

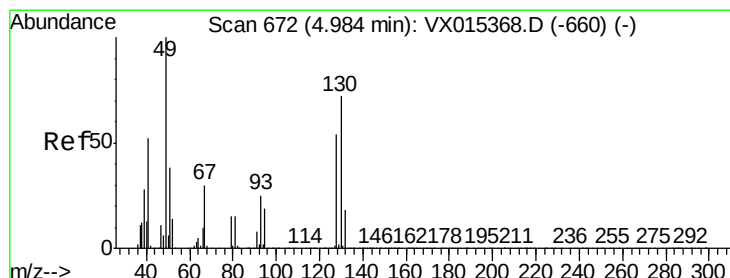
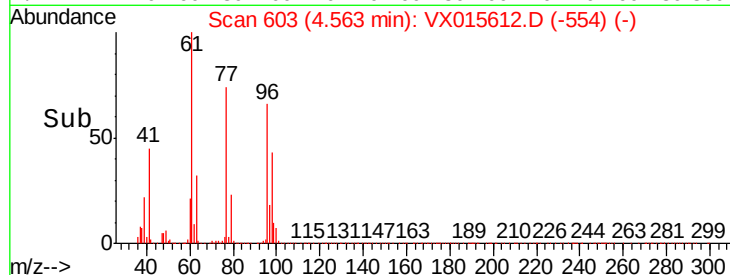
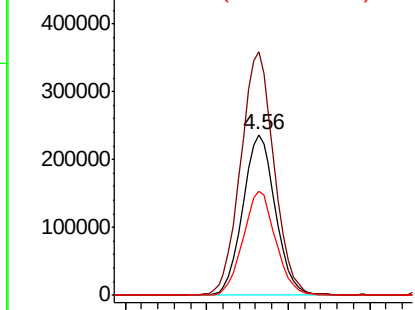
cis-1,2-Dichloroethene
Concen: 45.634 ug/l
RT: 4.56 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	155.4	0.0	308.4
98	64.6	0.0	129.2



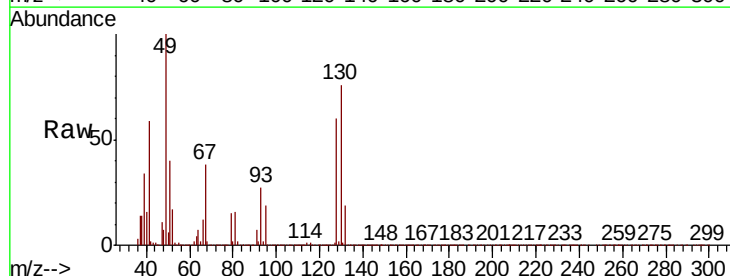
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



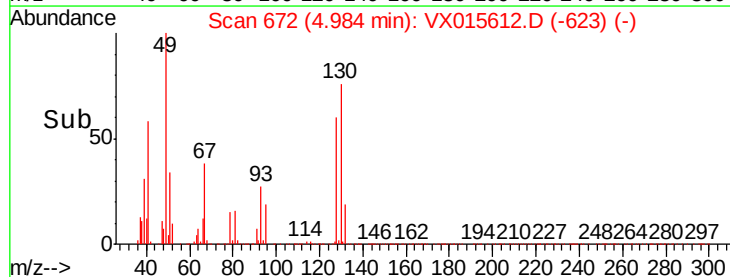
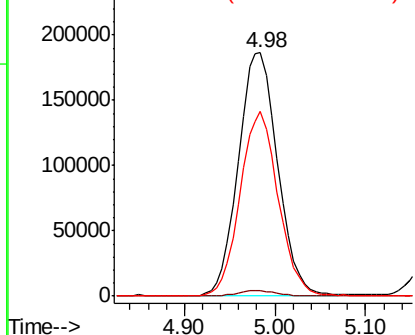
#28

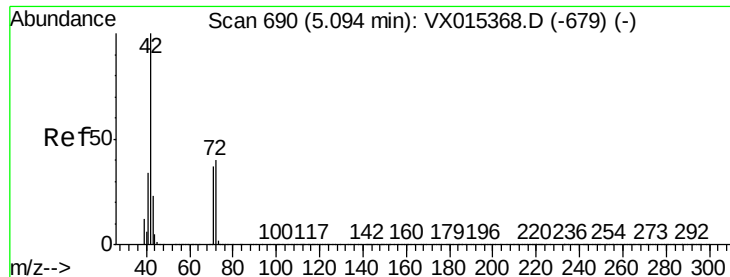
Bromochloromethane
Concen: 47.822 ug/l
RT: 4.98 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	73.5	57.7	86.5



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





#29

Tetrahydrofuran

Concen: 199.927 ug/l

RT: 5.09 min Scan# 689

Delta R.T. -0.01 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

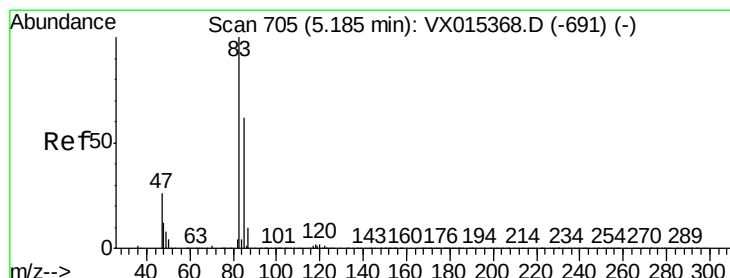
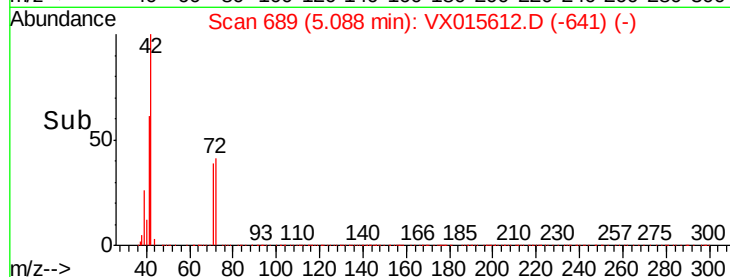
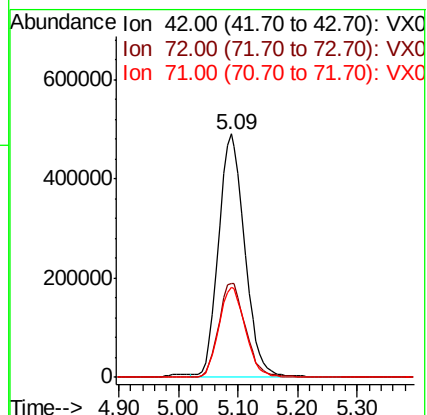
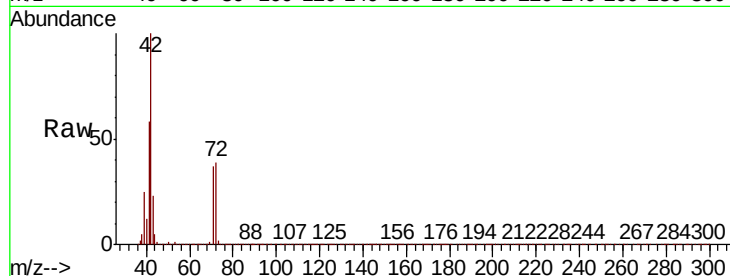
Tot Ion: 42 Resp: 1487016

Ion Ratio Lower Upper

42 100

72 39.9 31.7 47.5

71 37.6 29.6 44.4



#30

Chloroform

Concen: 45.242 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015612.D

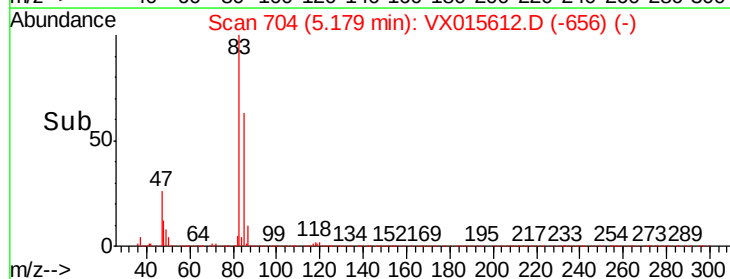
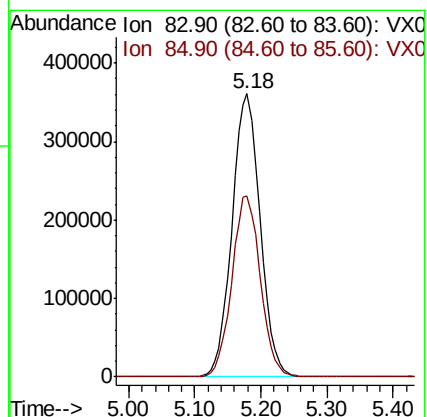
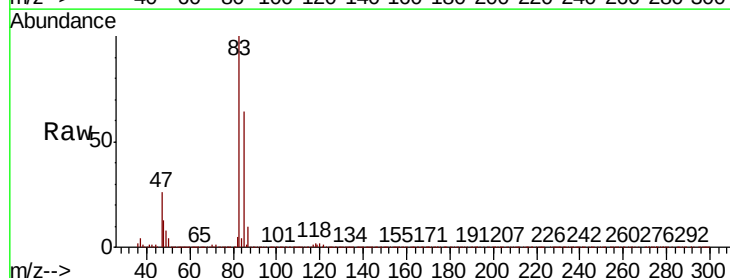
Acq: 10 Apr 2020 11:46

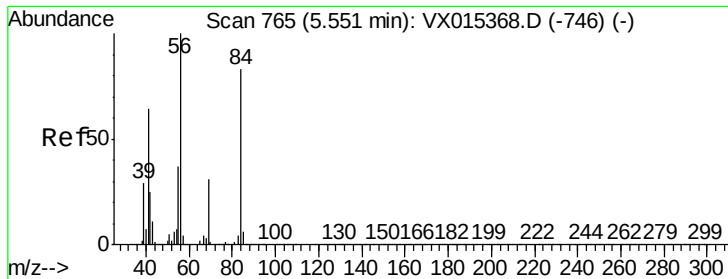
Tgt Ion: 83 Resp: 1063597

Ion Ratio Lower Upper

83 100

85 64.0 49.5 74.3

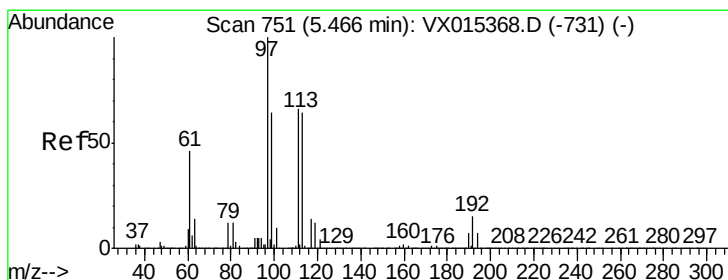
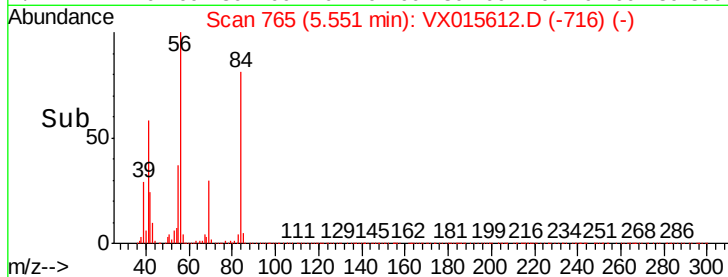
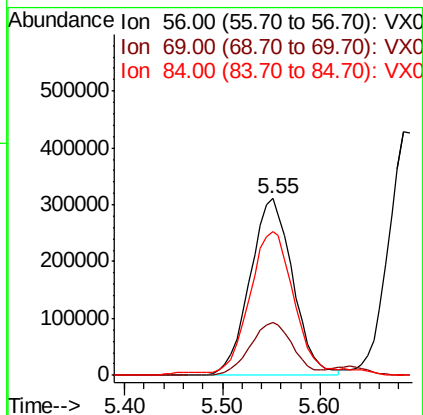
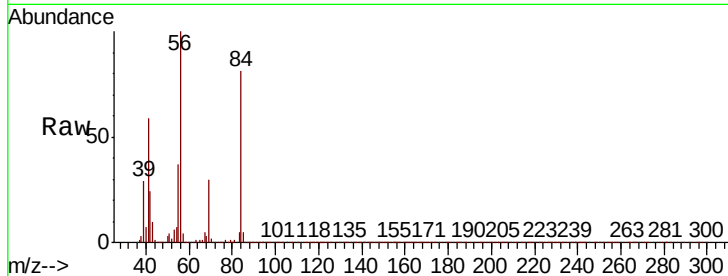




#31
Cyclohexane
Concen: 44.414 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

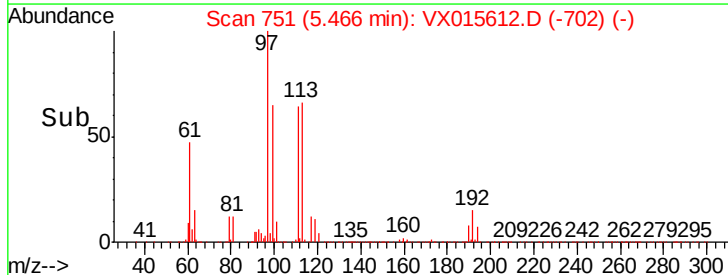
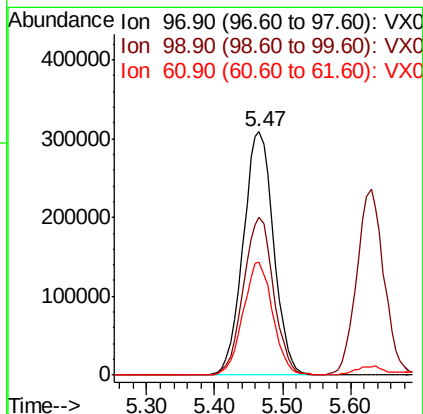
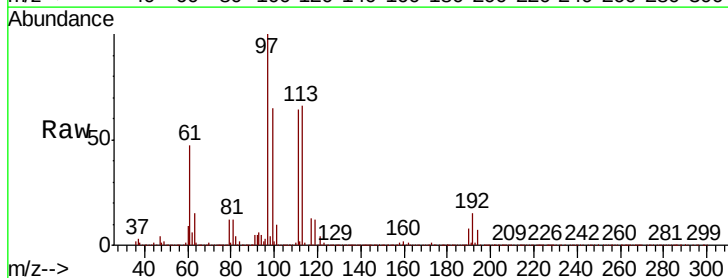
Instrument :
MSVOA_X
ClientSampleId :

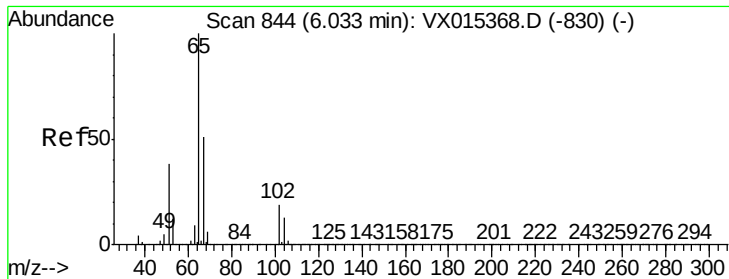
Tot Ion: 56 Resp: 941476
Ion Ratio Lower Upper
56 100
69 29.5 24.6 36.8
84 79.3 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 45.072 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion: 97 Resp: 958942
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.4
61 45.2 36.1 54.1

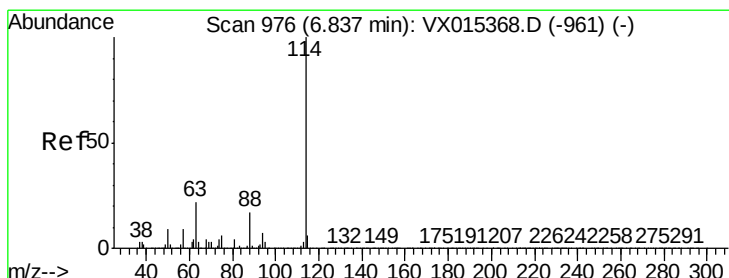
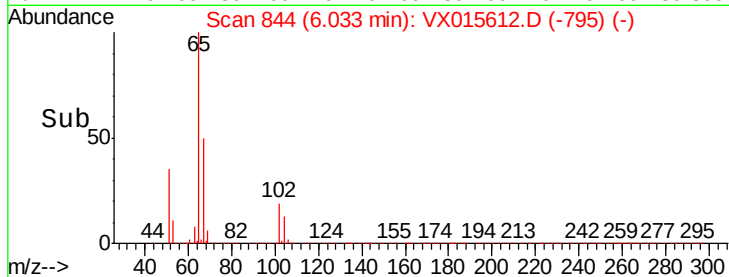
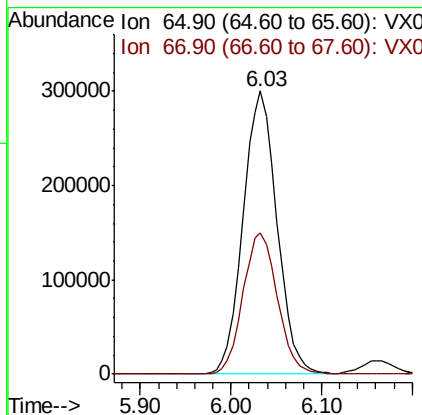
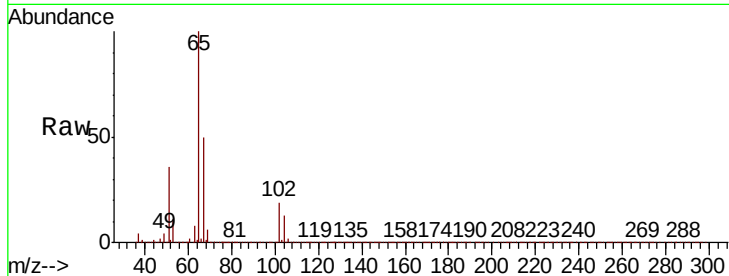




#33
 1,2-Dichloroethane-d4
 Concen: 46.412 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

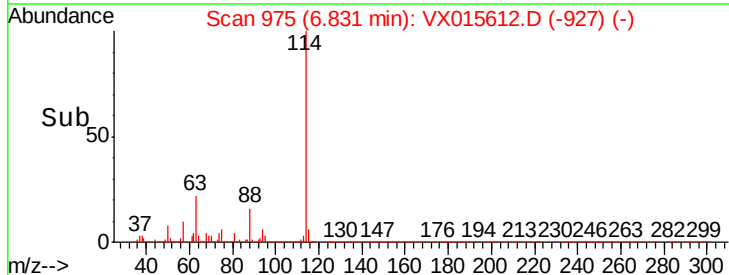
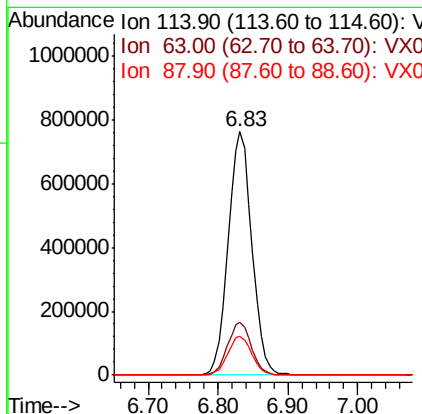
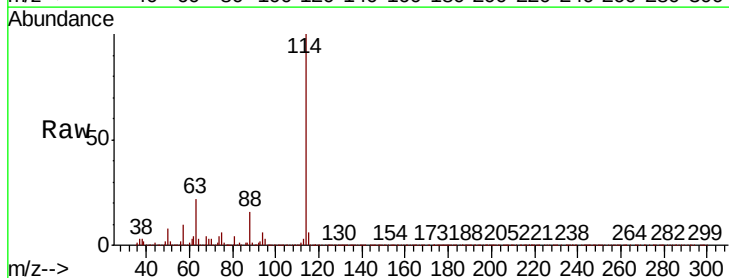
Instrument :
 MSVOA_X
 ClientSampleId :

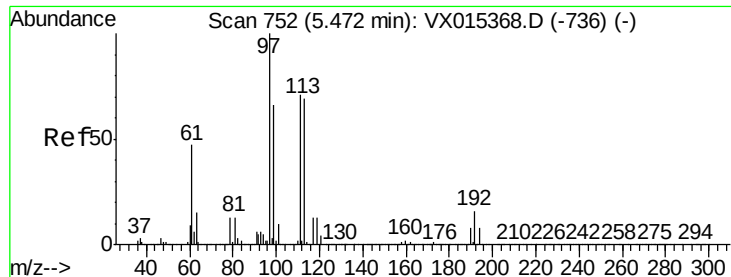
Tot Ion: 65 Resp: 777169
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

Tgt Ion: 114 Resp: 1791431
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 44.2
 88 16.1 0.0 33.8

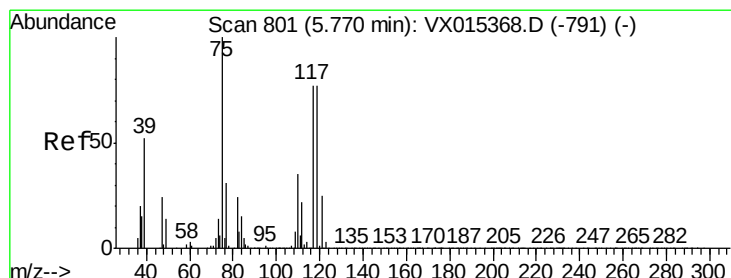
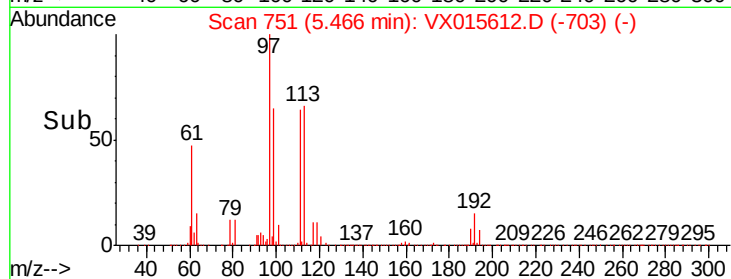
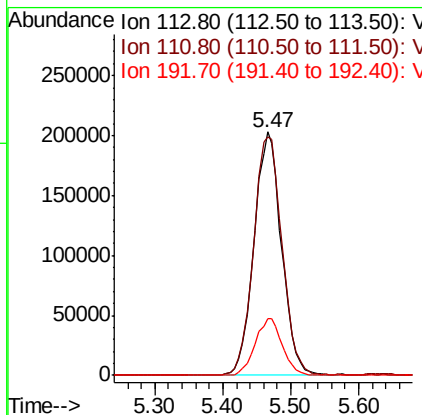
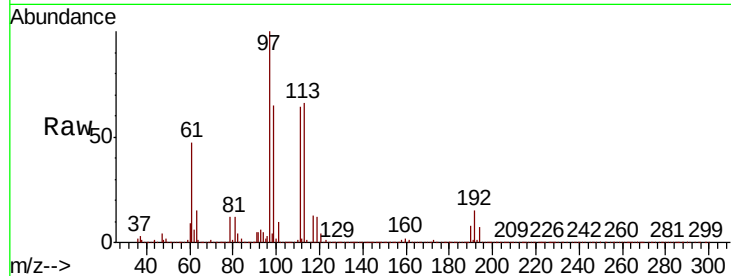




#35
 Dibromofluoromethane
 Concen: 49.809 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

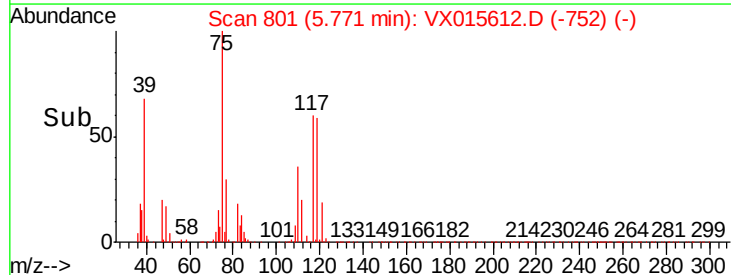
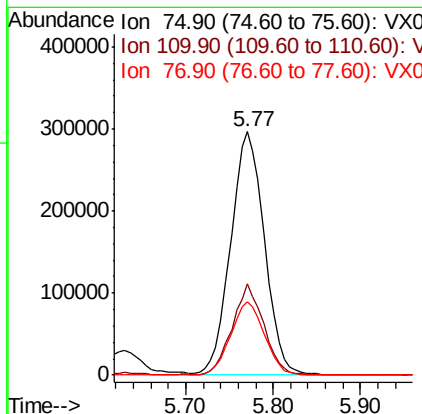
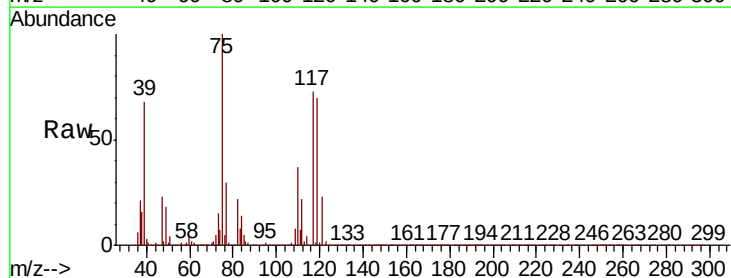
Instrument :
 MSVOA_X
 ClientSampleId :

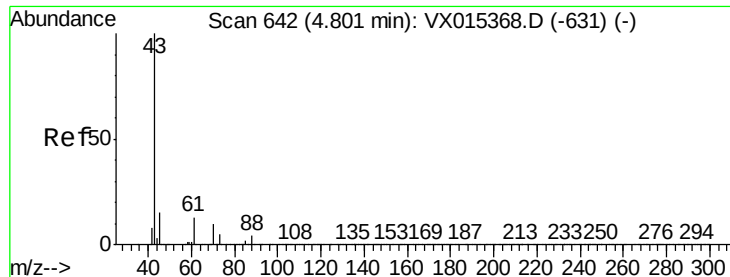
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.5	122.3
192	23.2	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 47.779 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.1	51.3
77	30.1	24.6	36.8

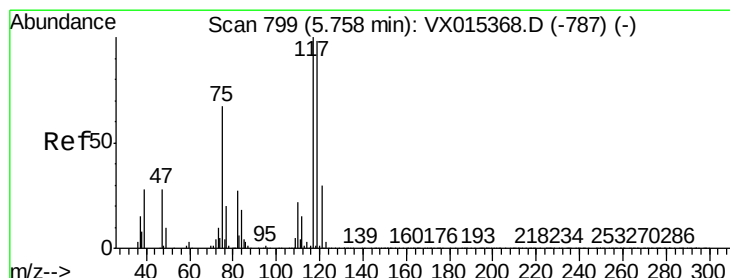
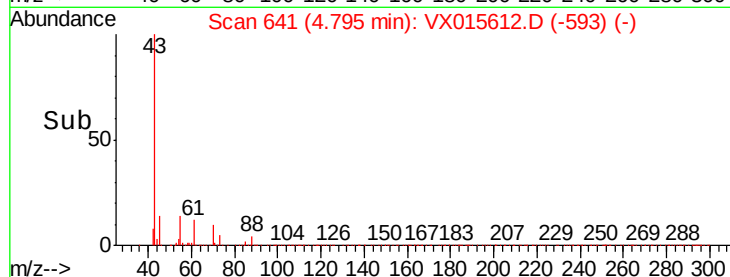
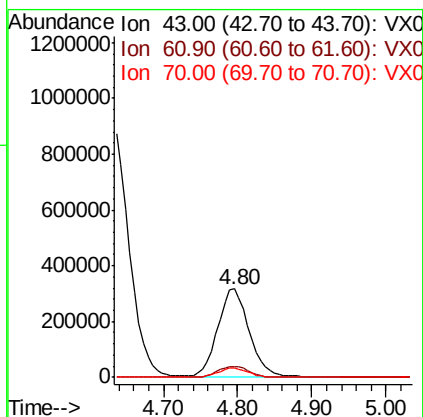
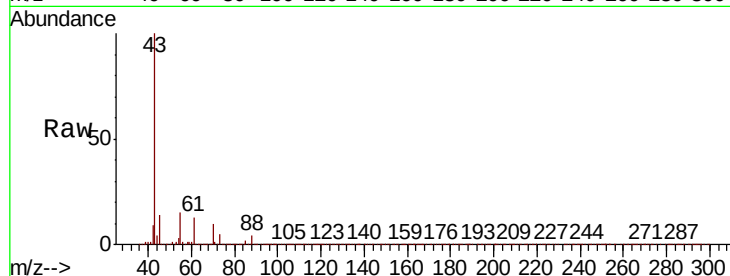




#37
Ethyl Acetate
Concen: 43.200 ug/l
RT: 4.80 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

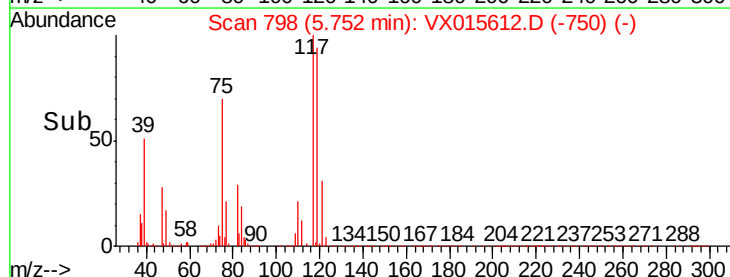
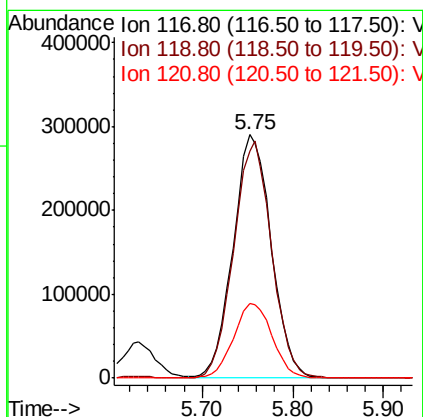
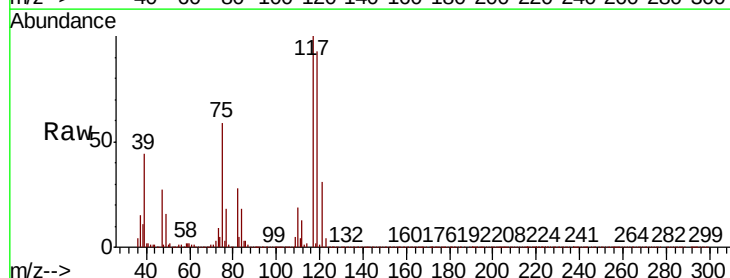
Instrument :
MSVOA_X
ClientSampled :

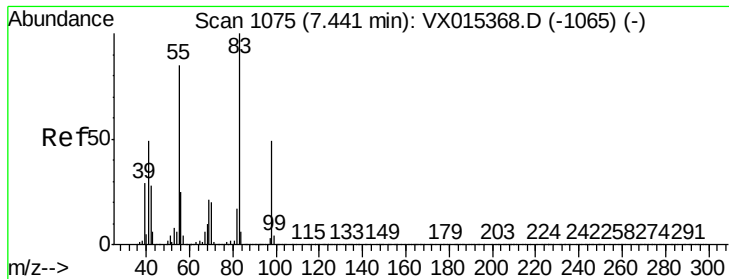
Tot Ion	Ratio	Lower	Upper
43	100		
61	12.4	9.9	14.9
70	10.1	8.1	12.1



#38
Carbon Tetrachloride
Concen: 47.167 ug/l
RT: 5.75 min Scan# 798
Delta R.T. -0.01 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	78.0	117.0
121	30.6	23.8	35.8

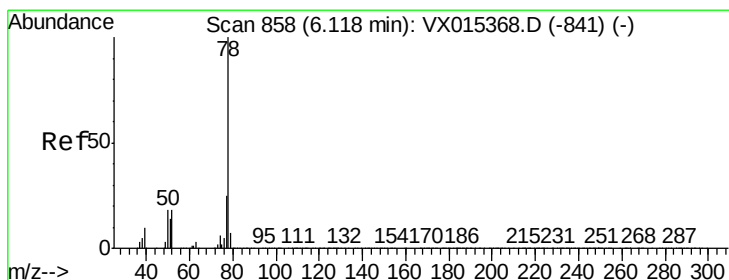
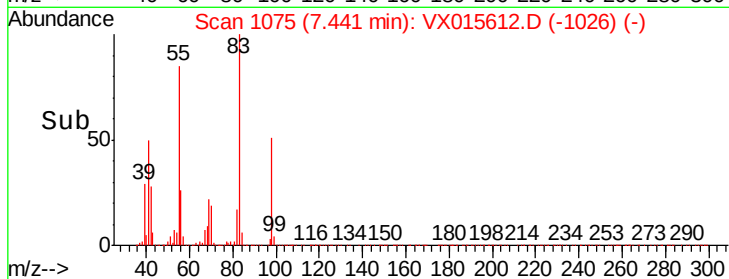
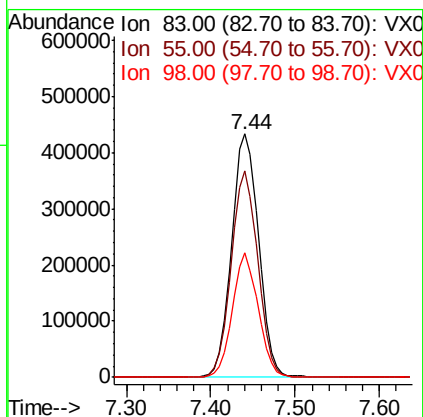
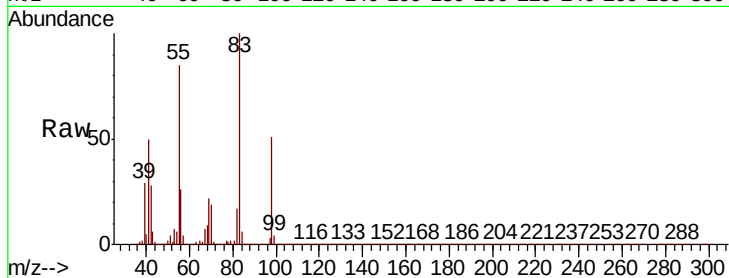




#39
Methylvlcyclohexane
Concen: 49.282 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

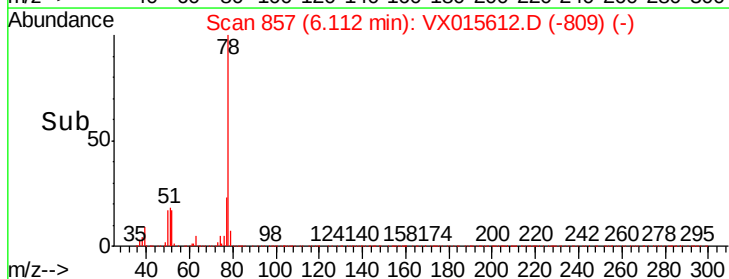
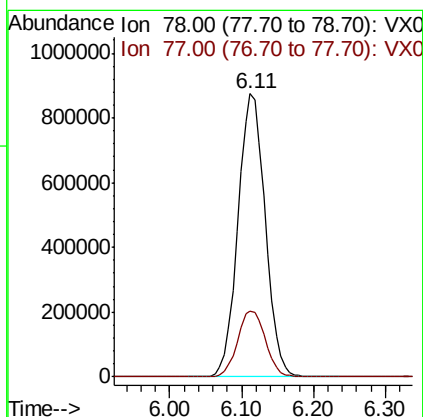
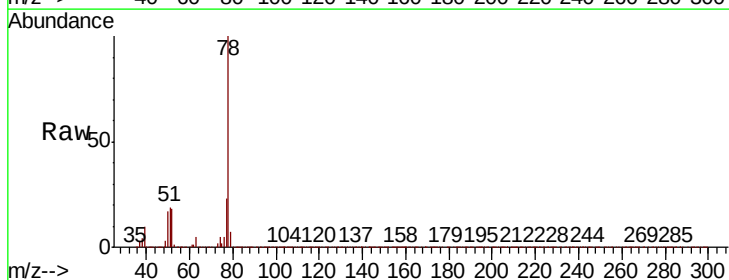
Instrument :
MSVOA_X
ClientSampled :

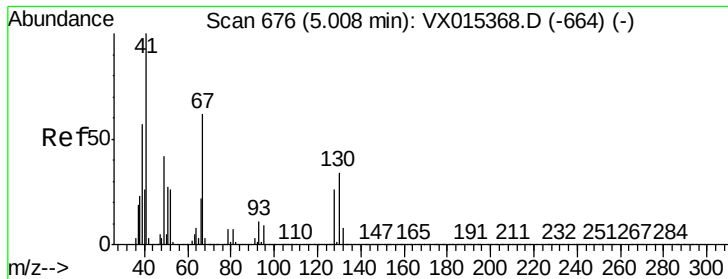
Tot Ion	Ratio	Lower	Upper
83	100		
55	84.5	67.8	101.6
98	51.4	39.3	58.9



#40
Benzene
Concen: 47.502 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.8	29.8

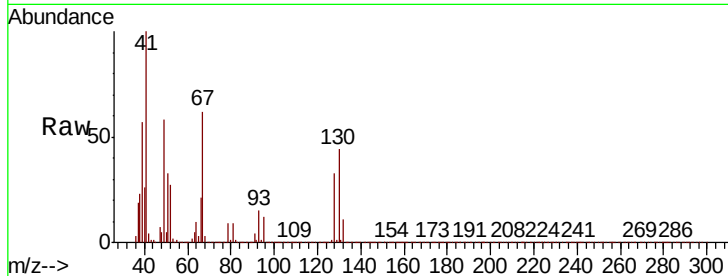




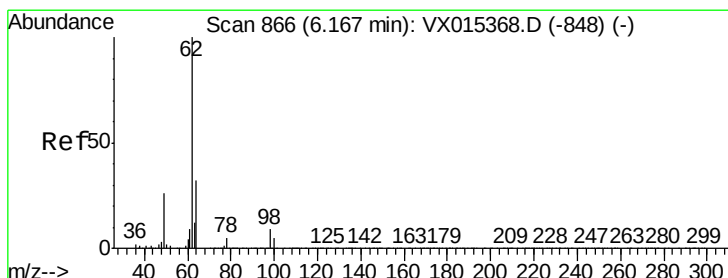
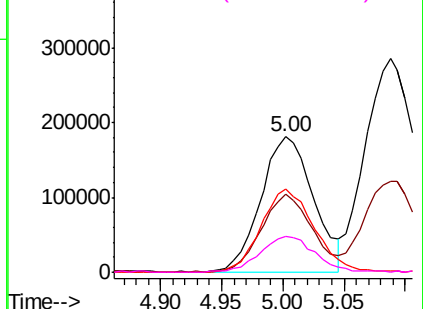
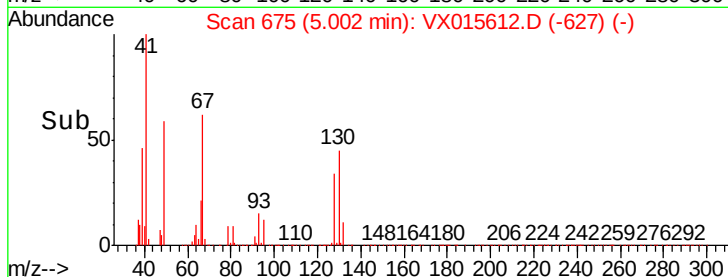
#41
Methacrylonitrile
Concen: 45.234 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	539670
Ion	Ratio	Lower	Upper
41	100		
39	55.7	44.5	66.7
67	61.9	48.9	73.3
52	27.3	21.8	32.6

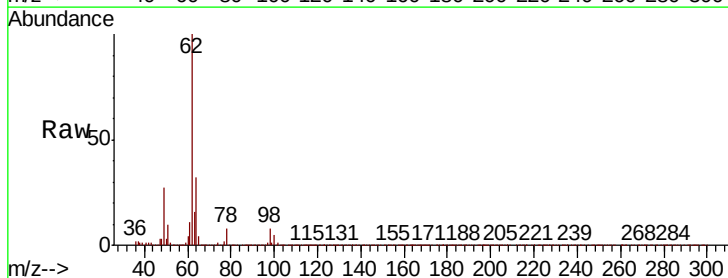


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

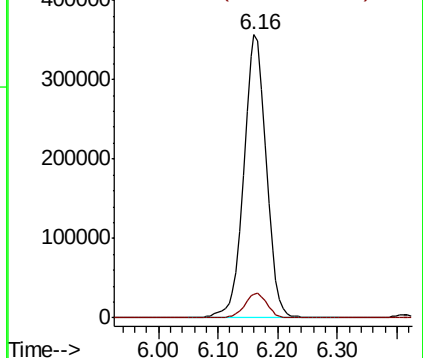
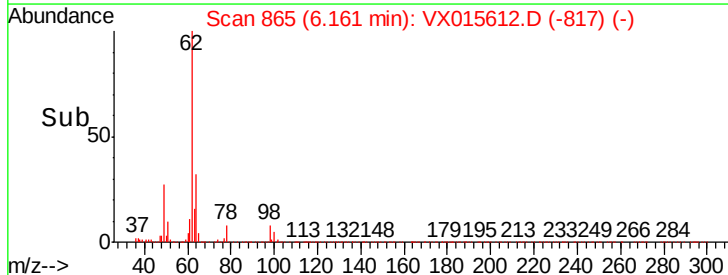


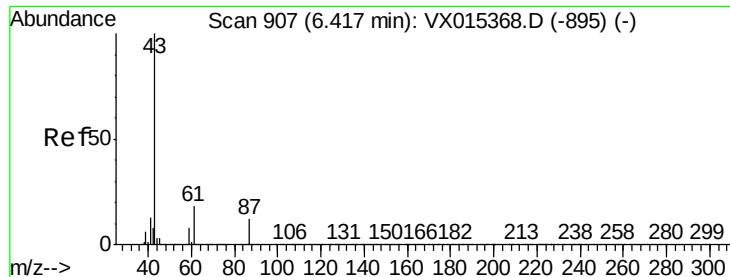
#42
1,2-Dichloroethane
Concen: 48.380 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion:	62	Resp:	939613
Ion	Ratio	Lower	Upper
62	100		
98	8.6	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: 44.430 ug/l

RT: 6.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

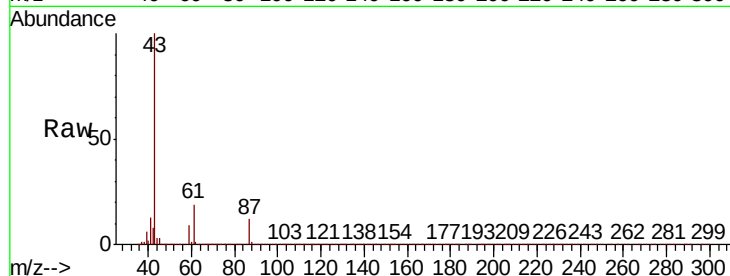
Tot Ion: 43 Resp: 1611940

Ion Ratio Lower Upper

43 100

61 19.0 14.8 22.2

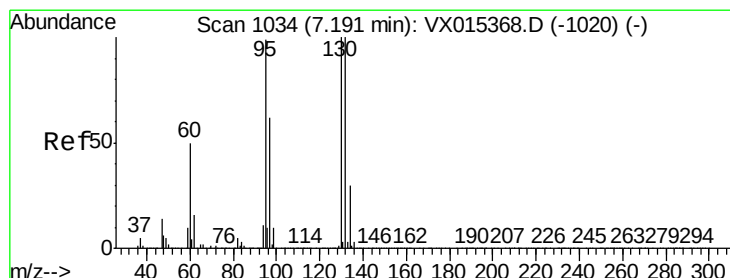
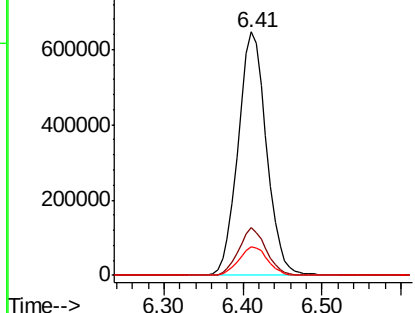
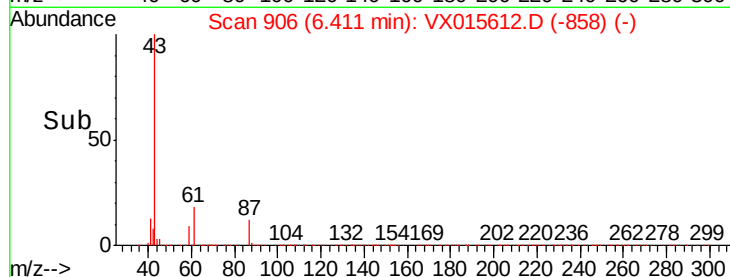
87 11.9 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 49.120 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015612.D

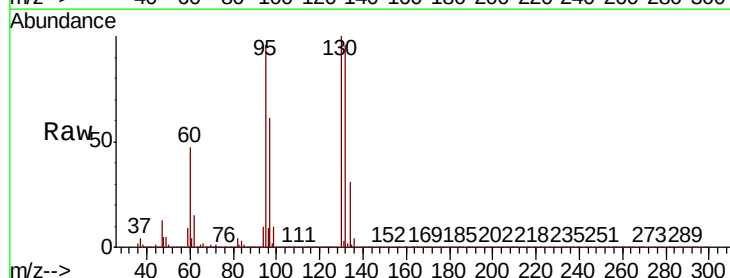
Acq: 10 Apr 2020 11:46

Tgt Ion:130 Resp: 647716

Ion Ratio Lower Upper

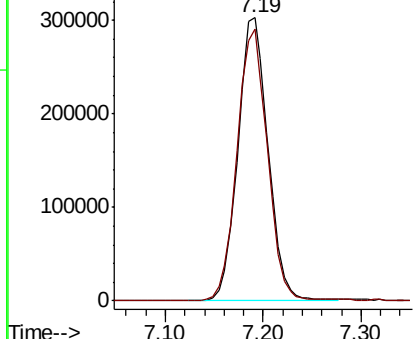
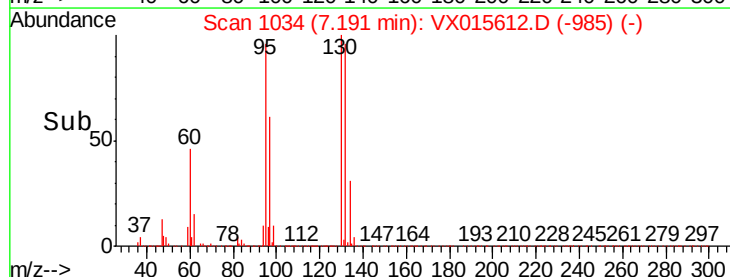
130 100

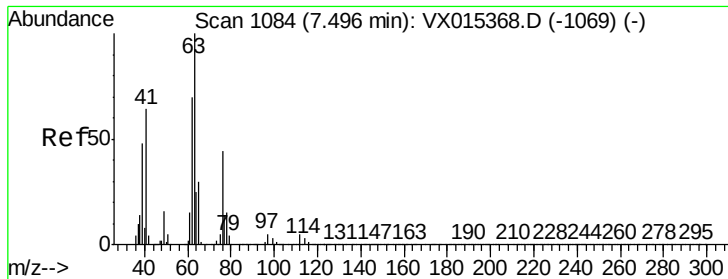
95 96.1 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

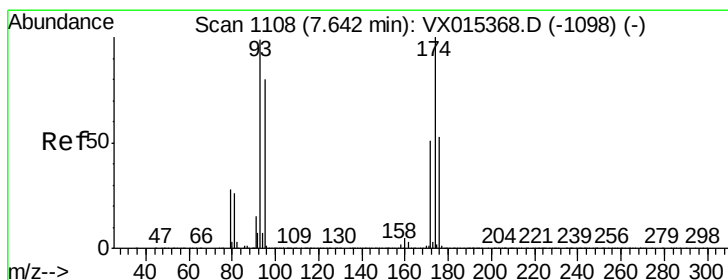
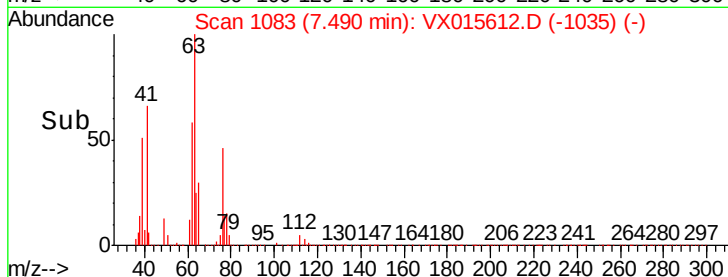
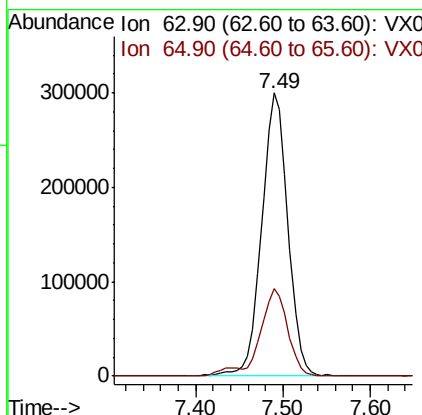
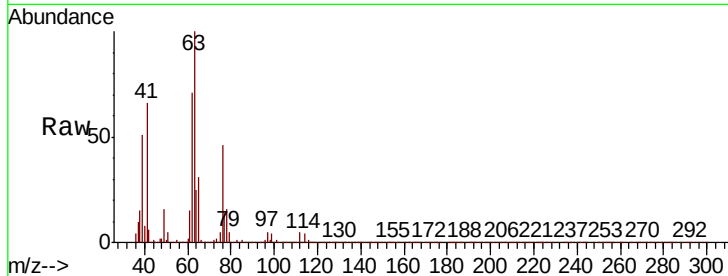




#45
 1,2-Dichloropropane
 Concen: 47.269 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

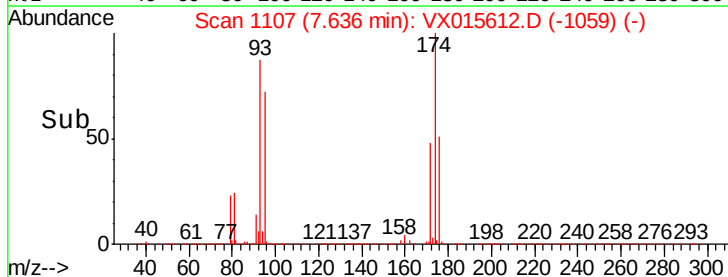
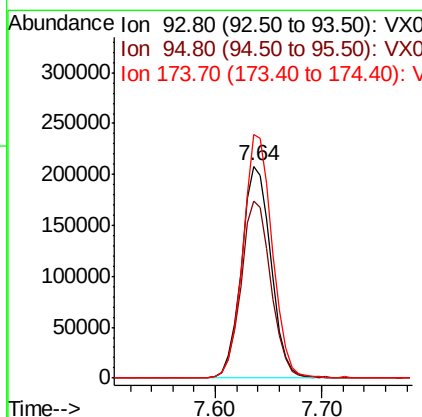
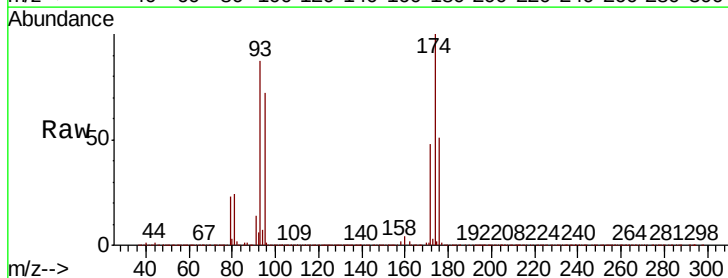
Instrument :
 MSVOA_X
 ClientSampleId :

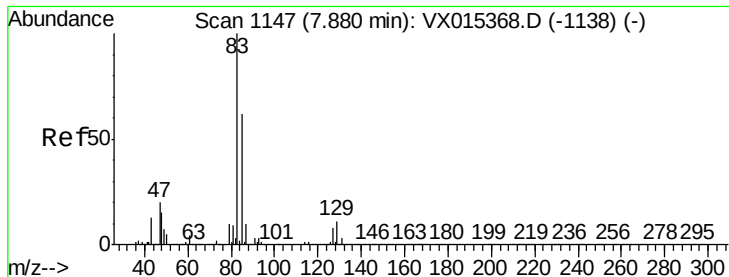
Tot Ion: 63 Resp: 625219
 Ion Ratio Lower Upper
 63 100
 65 31.0 23.9 35.9



#46
 Dibromomethane
 Concen: 46.630 ug/l
 RT: 7.64 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

Tgt Ion: 93 Resp: 404589
 Ion Ratio Lower Upper
 93 100
 95 84.6 65.8 98.8
 174 114.2 86.2 129.2





#47

Bromodichloromethane

Concen: 47.651 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :

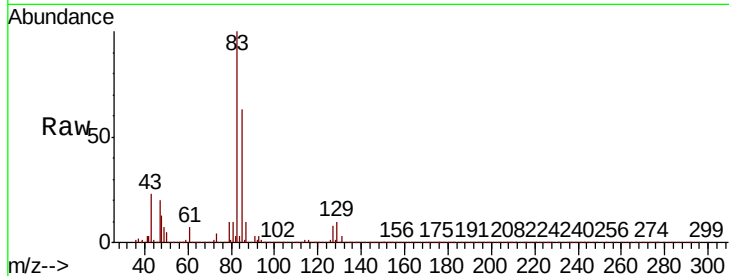
Tot Ion: 83 Resp: 880966

Ion Ratio Lower Upper

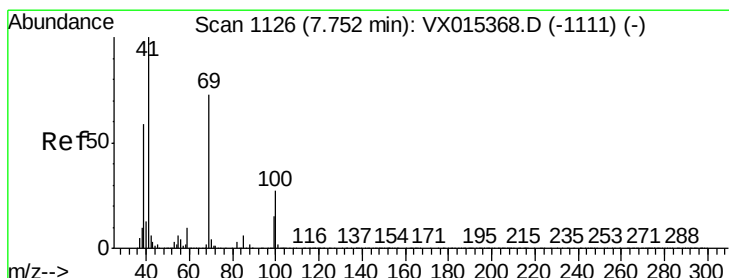
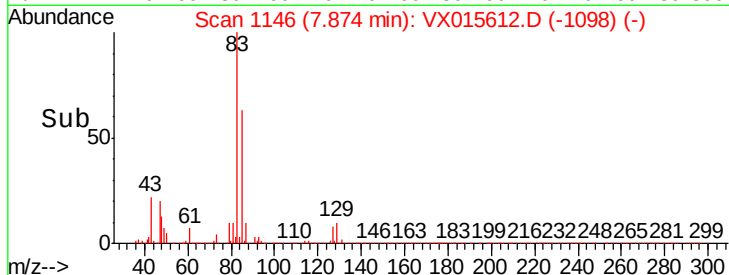
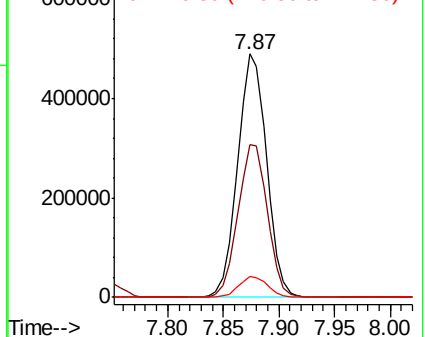
83 100

85 62.8 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: 45.145 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. -0.01 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

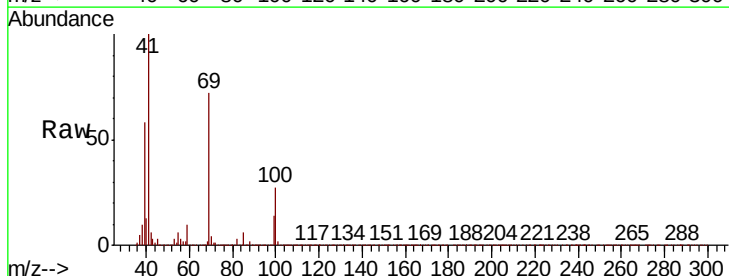
Tgt Ion: 41 Resp: 818115

Ion Ratio Lower Upper

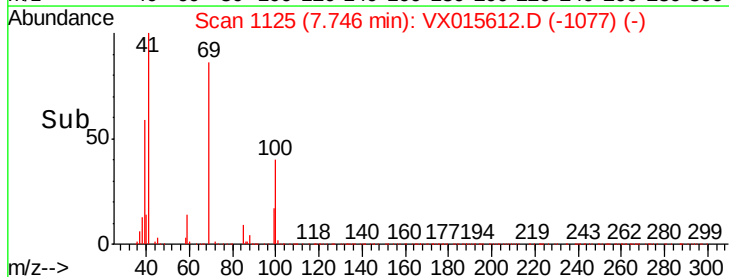
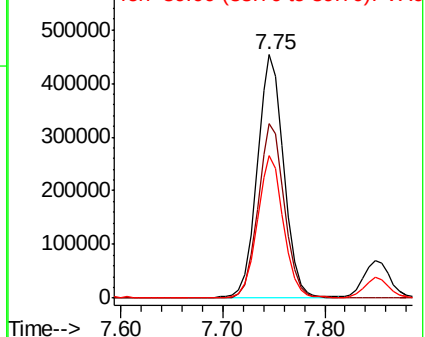
41 100

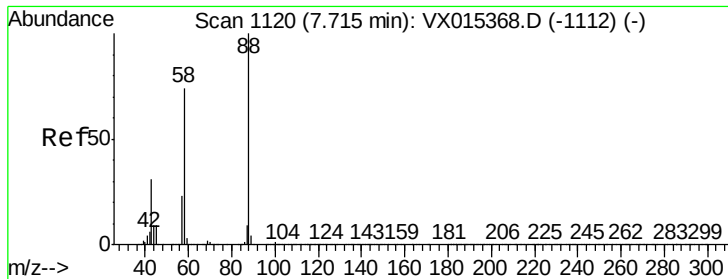
69 71.6 56.7 85.1

39 57.3 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

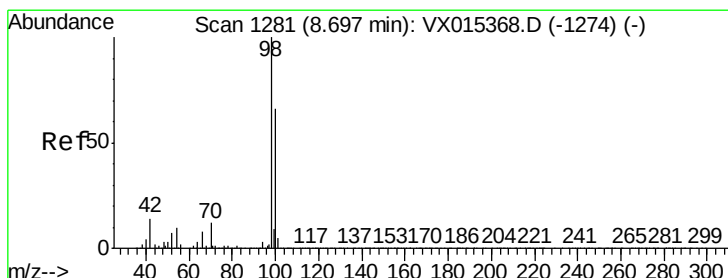
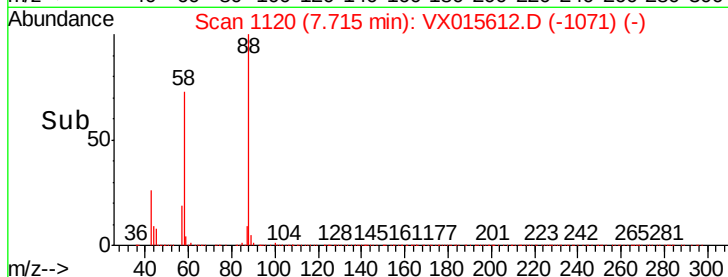
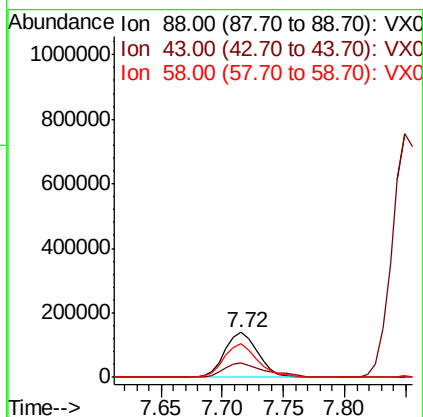
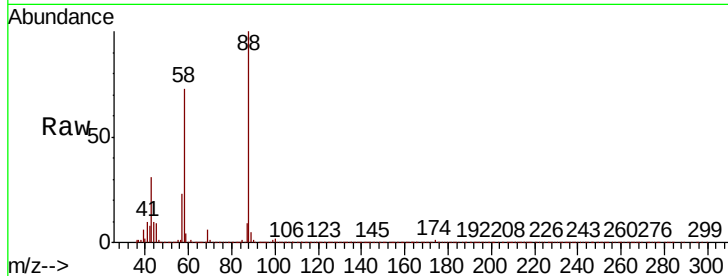




#49
1,4-Dioxane
Concen: 777.456 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

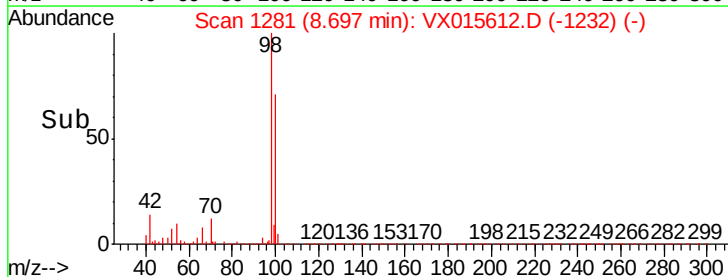
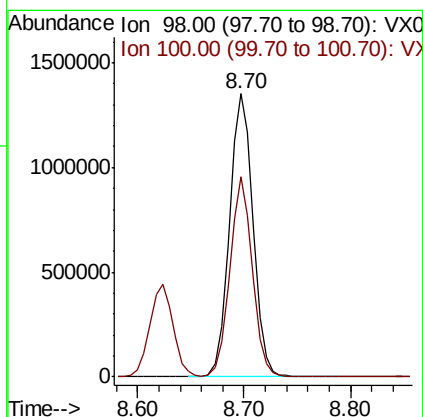
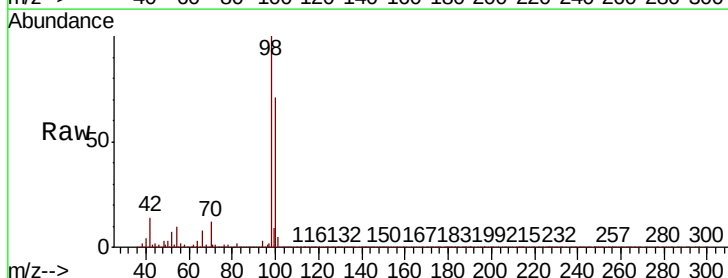
Instrument :
MSVOA_X
ClientSampleId :

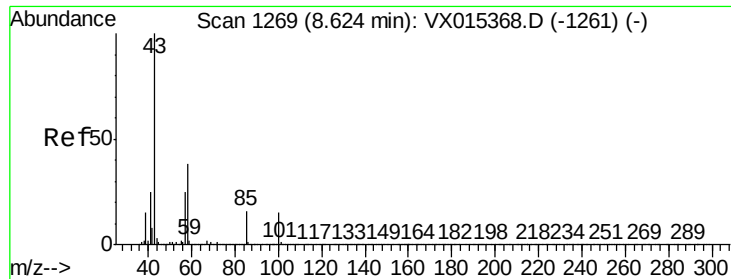
Tot Ion	Ratio	Lower	Upper
88	100		
43	38.2	30.1	45.1
58	74.9	60.6	90.8



#50
Toluene-d8
Concen: 49.485 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 224.288 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

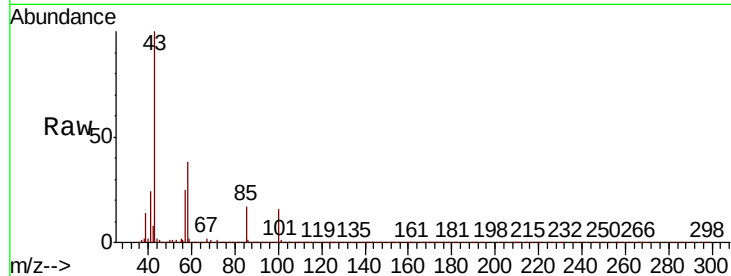
ClientSampleId :

Tot Ion: 43 Resp: 4611606

Ion Ratio Lower Upper

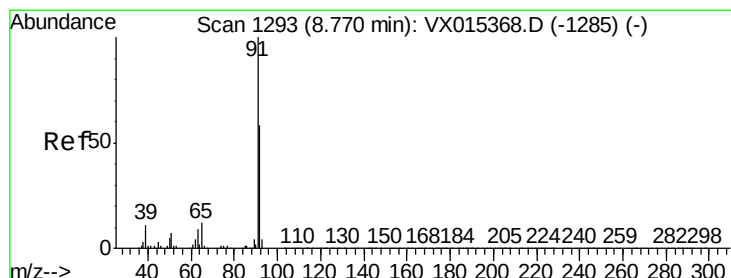
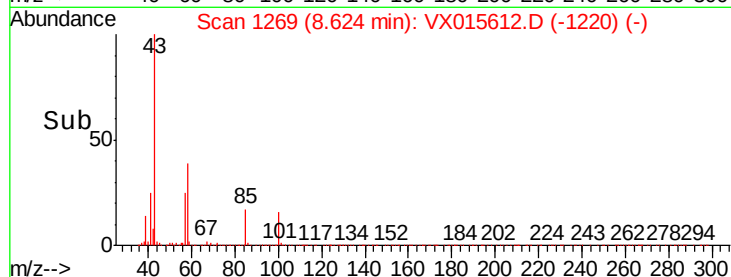
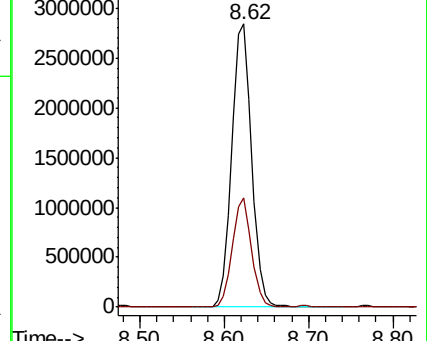
43 100

58 36.9 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.303 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015612.D

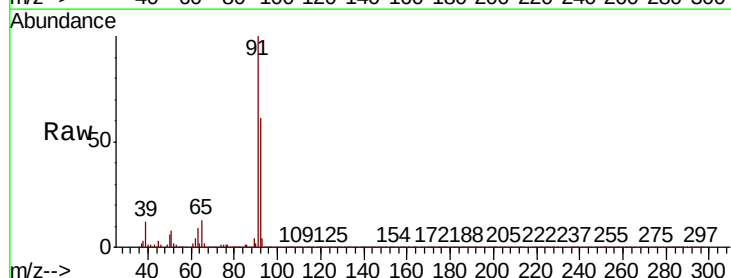
Acq: 10 Apr 2020 11:46

Tgt Ion: 92 Resp: 1469695

Ion Ratio Lower Upper

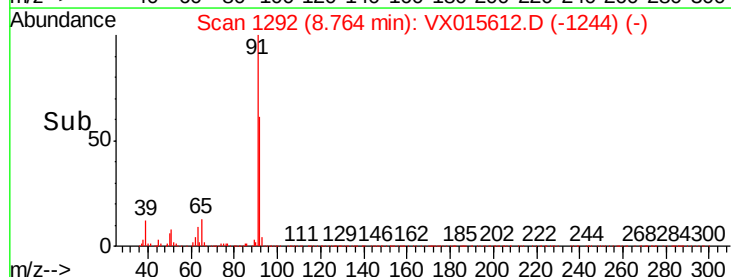
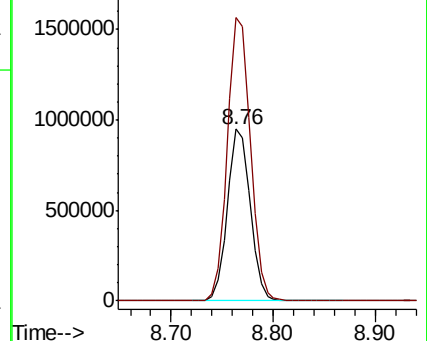
92 100

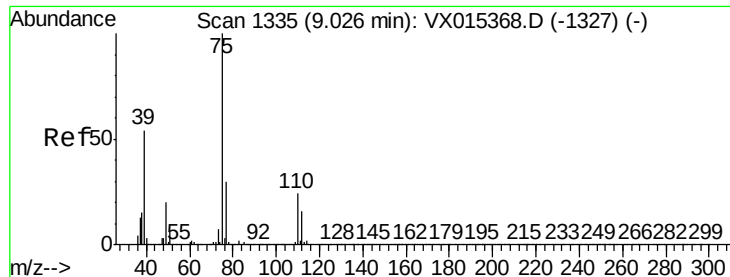
91 167.5 136.6 205.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

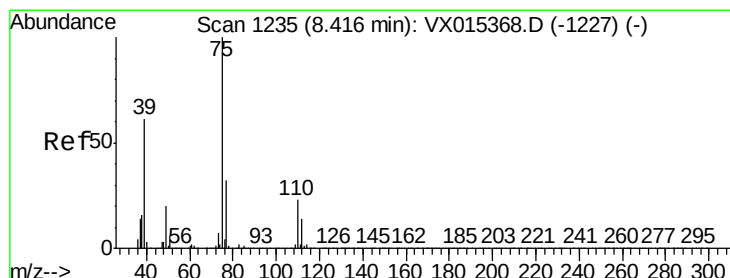
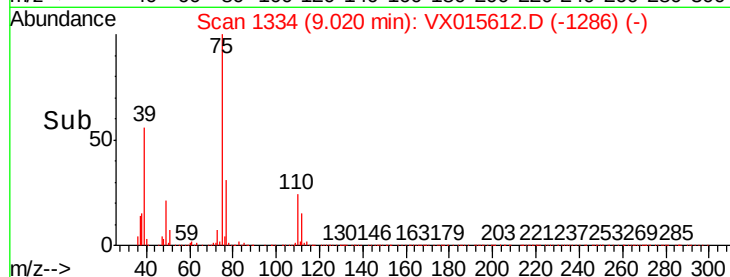
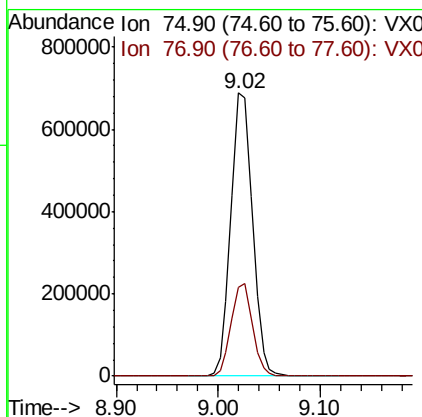
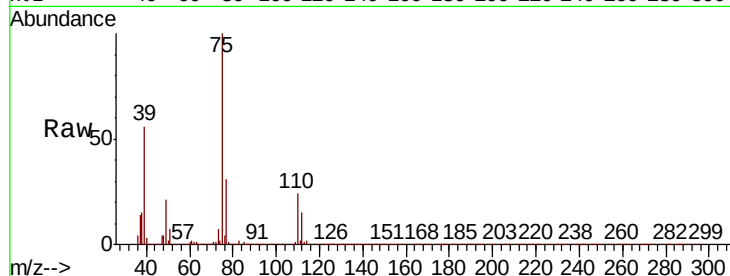




#53
t-1,3-Dichloropropene
Concen: 46.700 ug/l
RT: 9.02 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

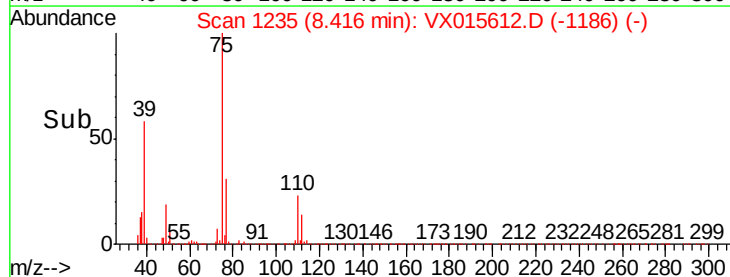
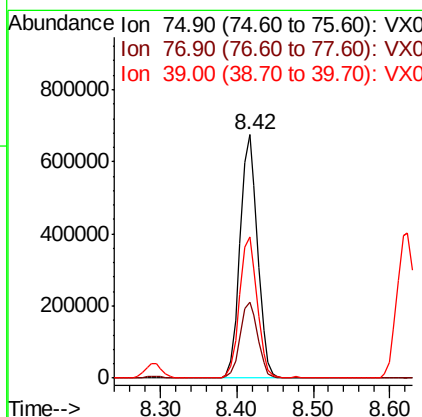
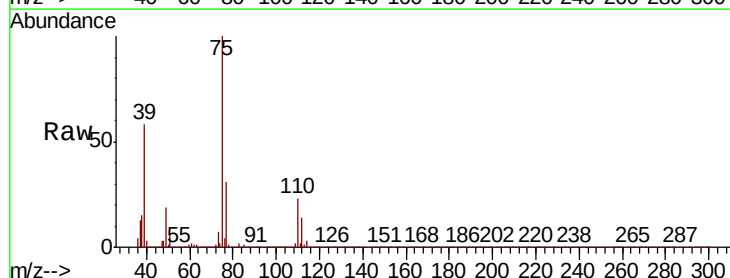
Instrument :
MSVOA_X
ClientSampleId :

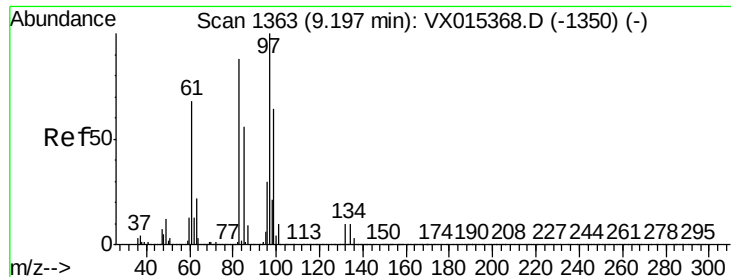
Tot Ion: 75 Resp: 1012603
Ion Ratio Lower Upper
75 100
77 31.1 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 48.323 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion: 75 Resp: 1067334
Ion Ratio Lower Upper
75 100
77 31.1 25.8 38.6
39 57.8 49.0 73.4

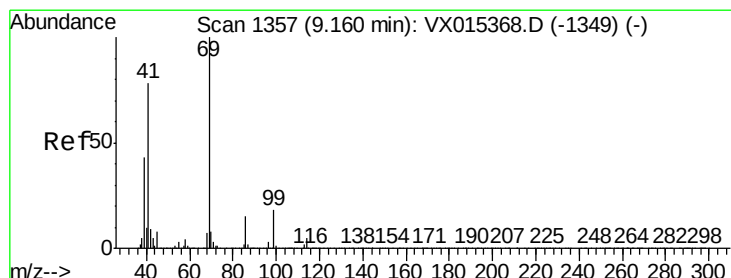
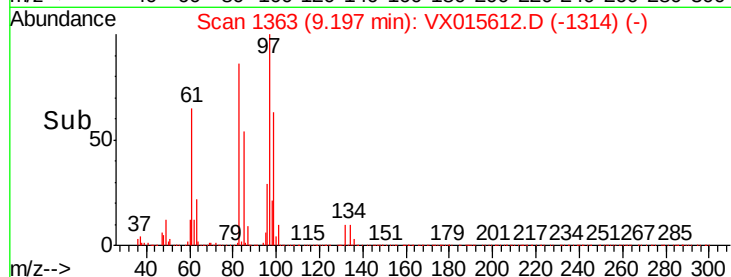
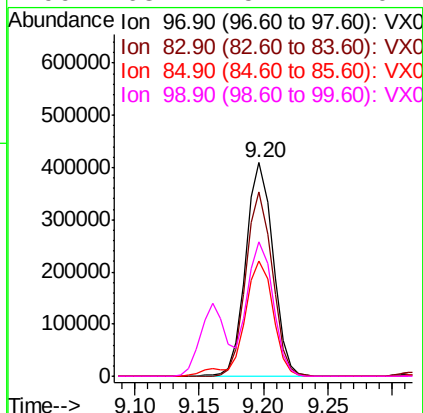
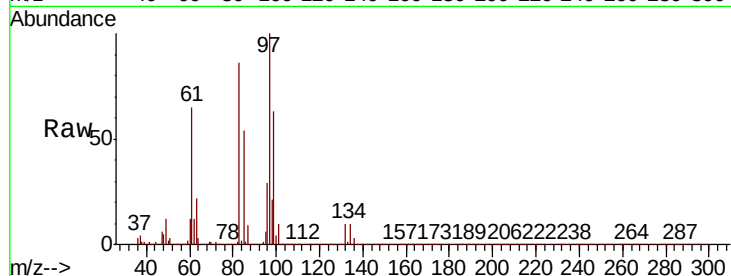




#55
 1,1,2-Trichloroethane
 Concen: 48.796 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

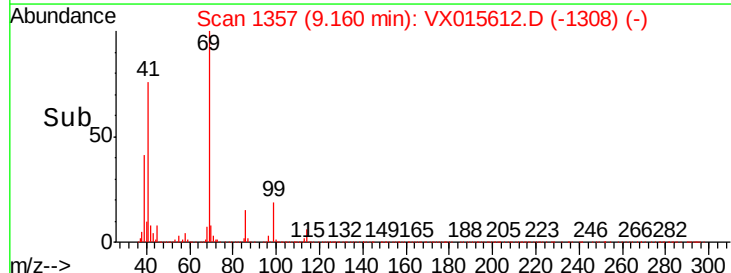
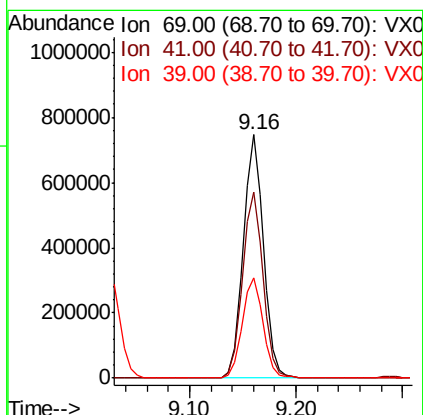
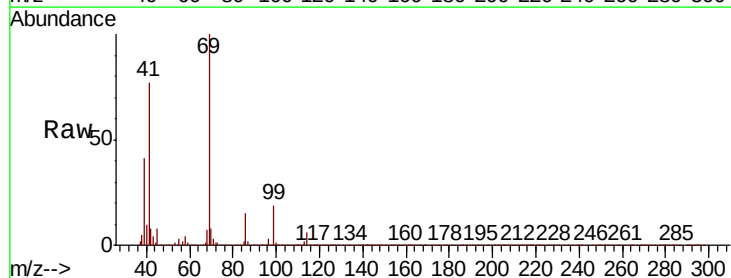
Instrument :
 MSVOA_X
 ClientSampleId :

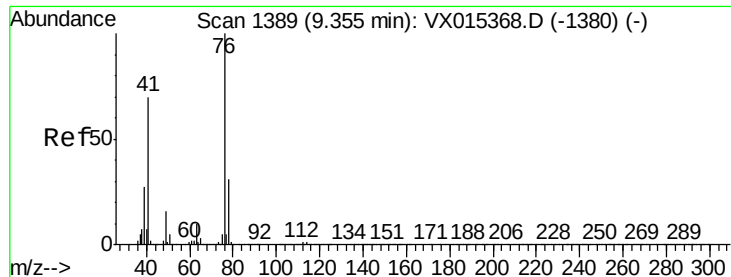
Tot Ion:	97	Resp:	595954
Ion	Ratio	Lower	Upper
97	100		
83	86.3	70.2	105.4
85	53.7	44.7	67.1
99	63.1	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 46.169 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

Tgt Ion:	69	Resp:	993741
Ion	Ratio	Lower	Upper
69	100		
41	77.5	61.6	92.4
39	42.2	34.0	51.0





#57

1,3-Dichloropropane

Concen: 46.867 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

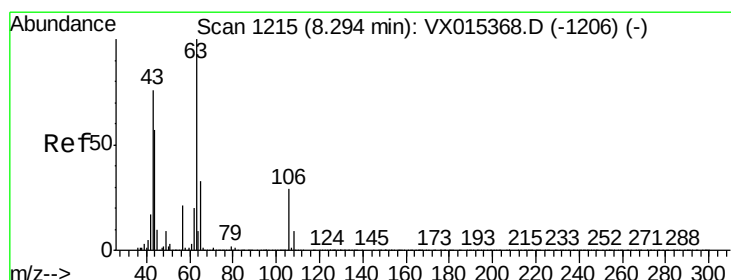
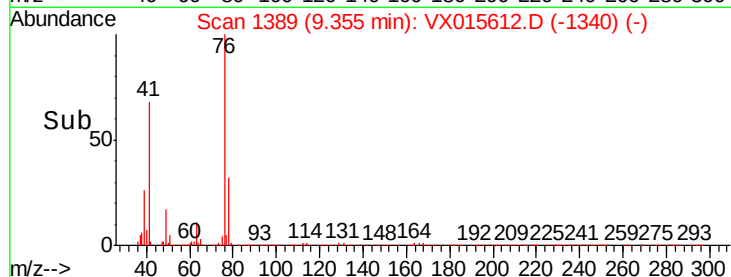
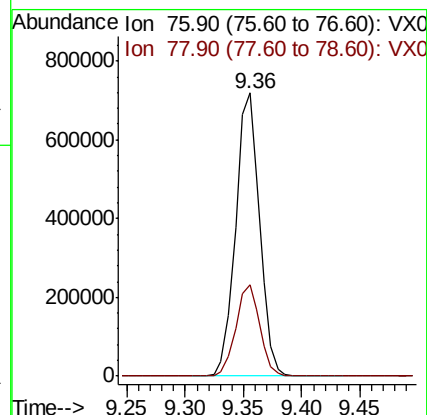
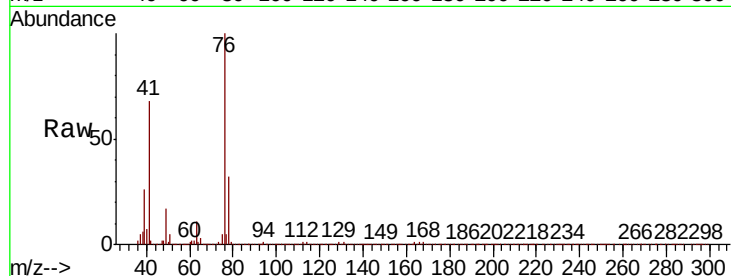
ClientSampleId :

Tot Ion: 76 Resp: 1031258

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 244.214 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015612.D

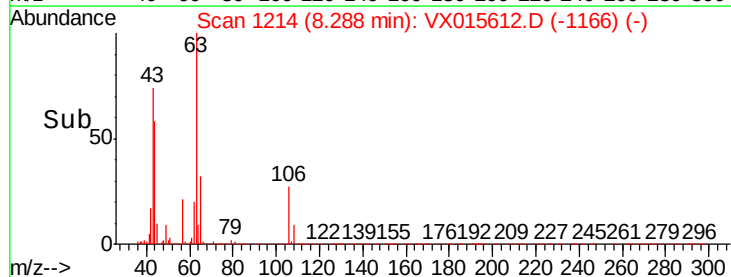
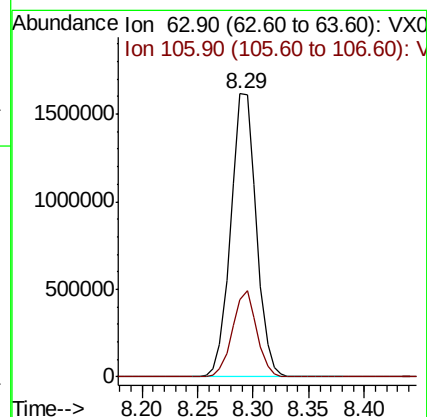
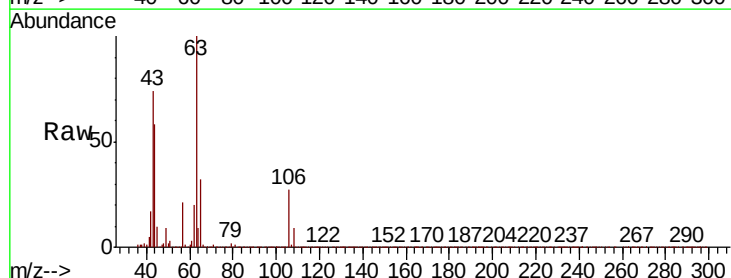
Acq: 10 Apr 2020 11:46

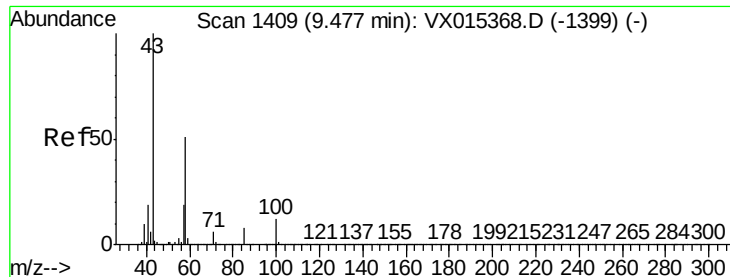
Tgt Ion: 63 Resp: 2556762

Ion Ratio Lower Upper

63 100

106 28.9 22.7 34.1

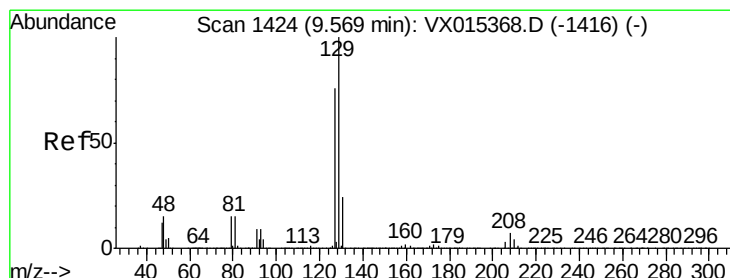
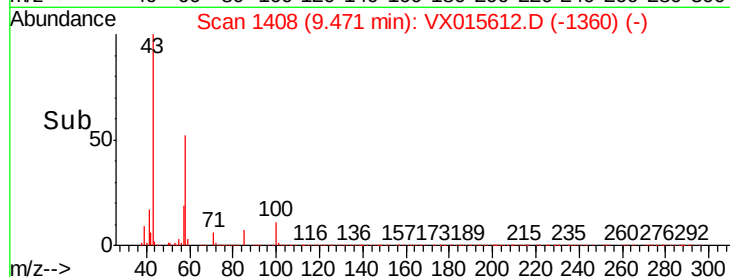
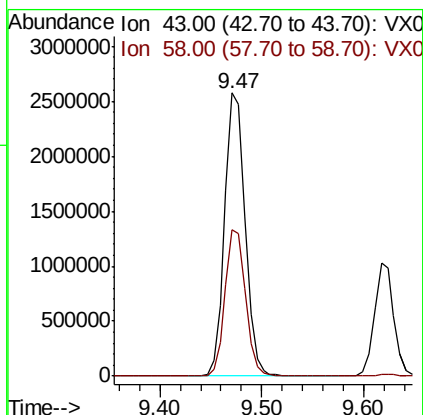
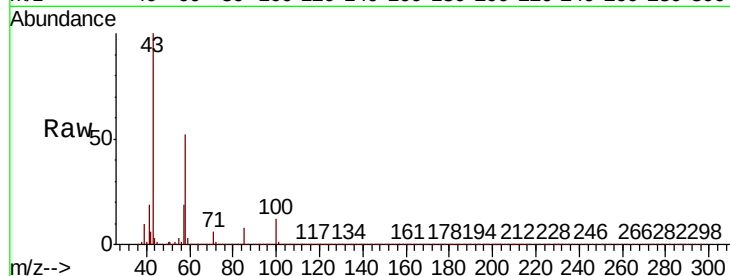




#59
2-Hexanone
Concen: 231.477 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

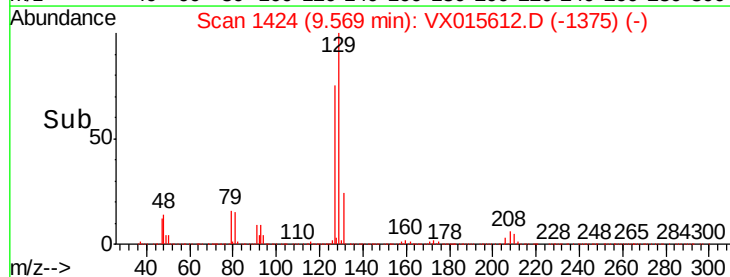
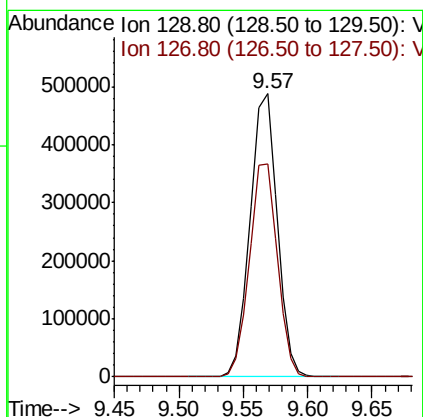
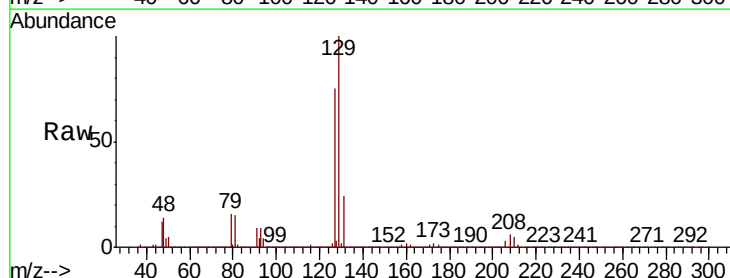
Instrument :
MSVOA_X
ClientSampled :

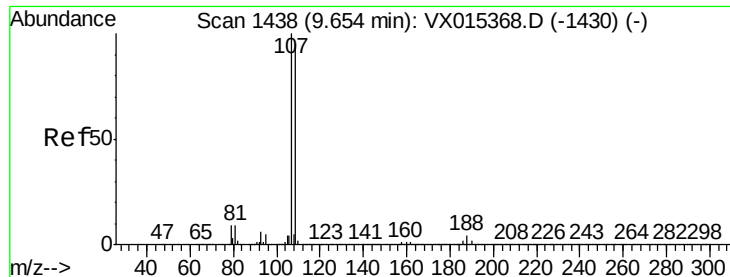
Tot Ion: 43 Resp: 3593254
Ion Ratio Lower Upper
43 100
58 51.8 25.6 76.6



#60
Dibromochloromethane
Concen: 48.107 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion:129 Resp: 706004
Ion Ratio Lower Upper
129 100
127 77.3 38.2 114.6





#61

1,2-Dibromoethane

Concen: 48.102 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

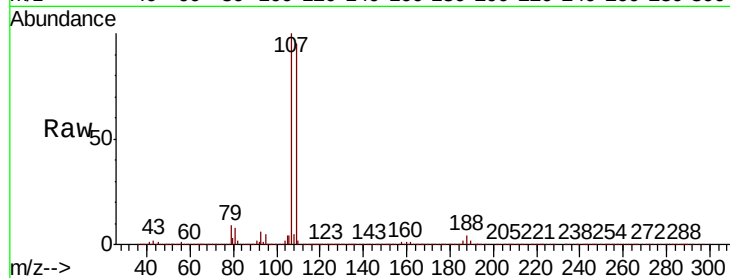
ClientSampled :

Tot Ion: 107 Resp: 638786

Ion Ratio Lower Upper

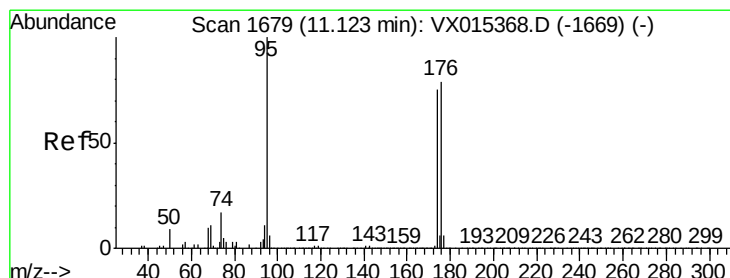
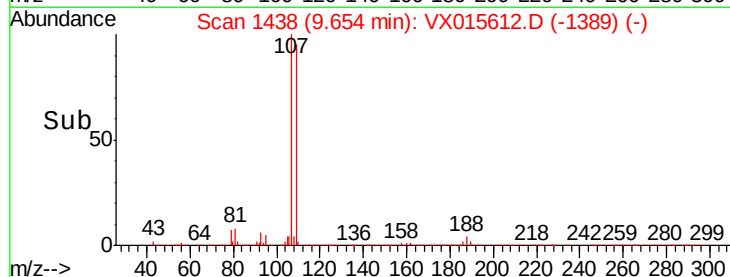
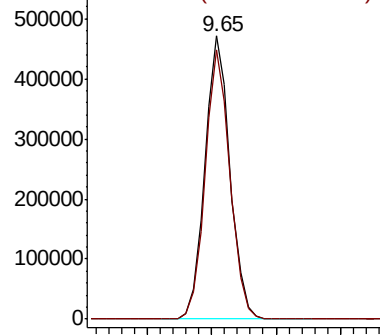
107 100

109 94.1 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.449 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

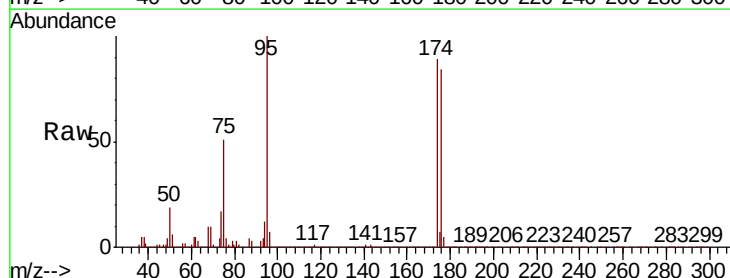
Tgt Ion: 95 Resp: 864402

Ion Ratio Lower Upper

95 100

174 84.6 0.0 158.6

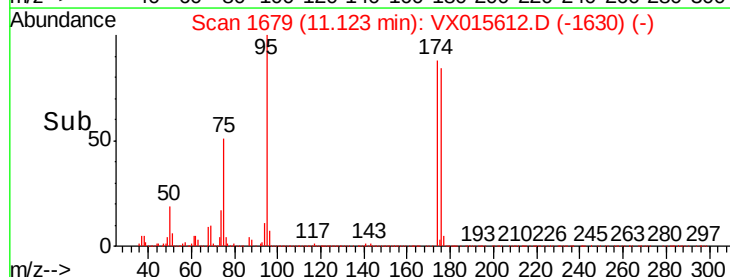
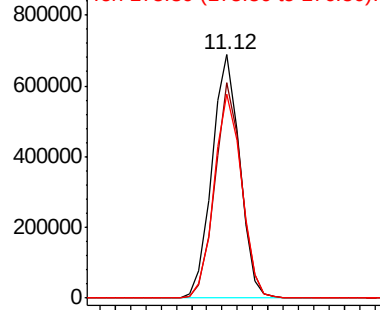
176 83.6 0.0 159.0

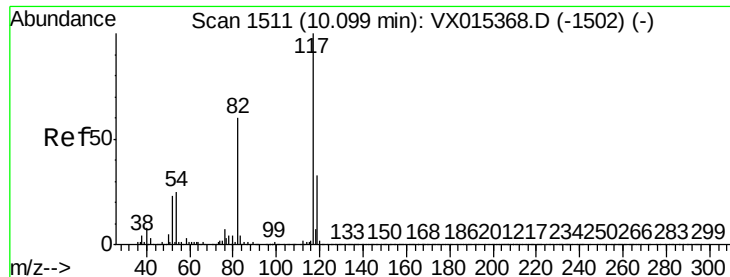


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

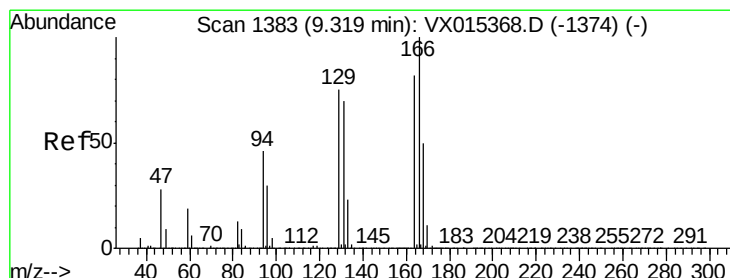
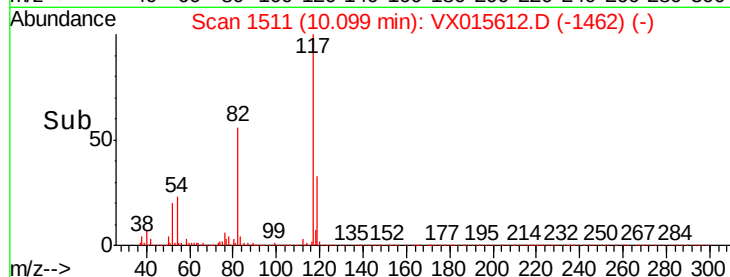
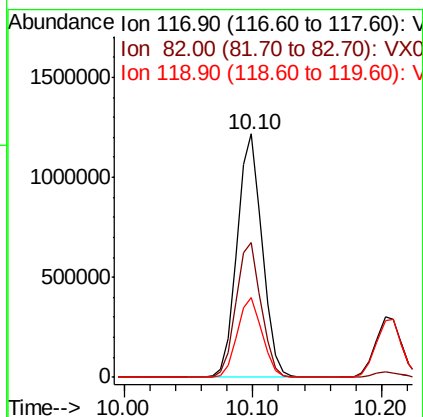
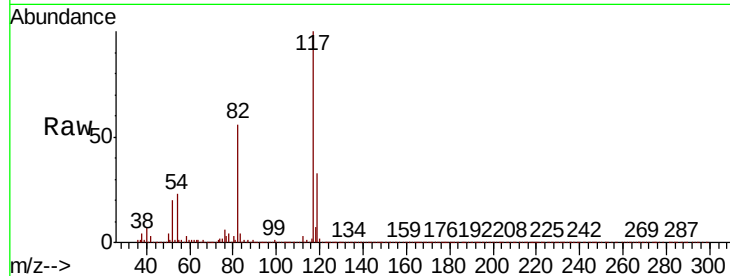




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

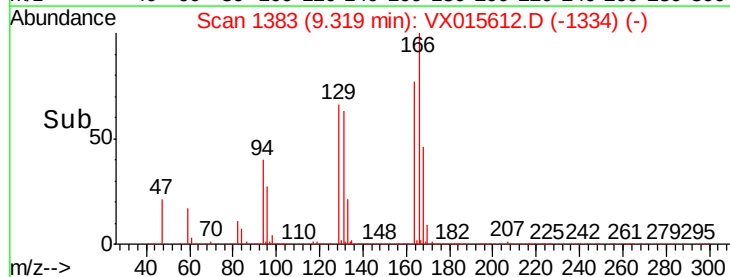
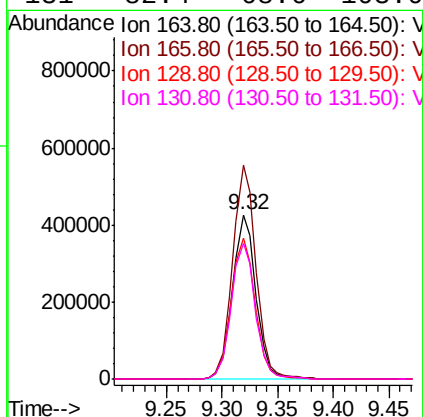
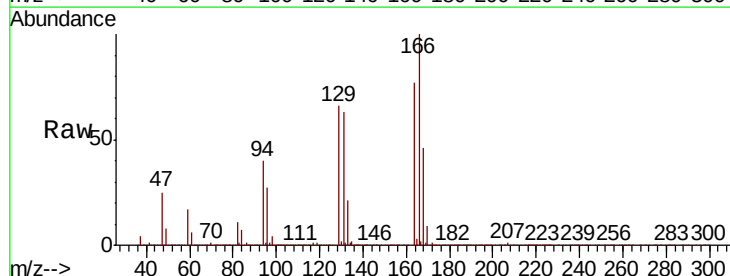
Instrument :
MSVOA_X
ClientSampleId :

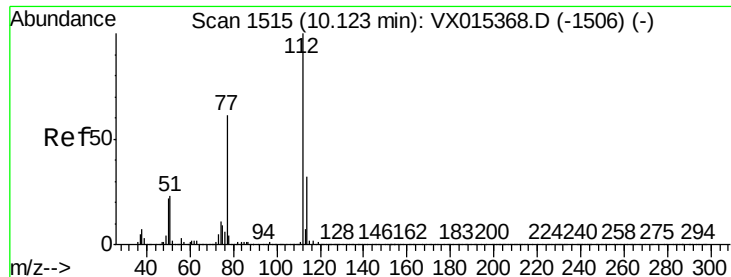
Tot Ion:117 Resp: 1638680
Ion Ratio Lower Upper
117 100
82 55.6 47.8 71.8
119 32.7 26.8 40.2



#64
Tetrachloroethene
Concen: 50.222 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion:164 Resp: 621086
Ion Ratio Lower Upper
164 100
166 130.1 97.8 146.6
129 85.5 73.0 109.4
131 82.4 68.6 103.0

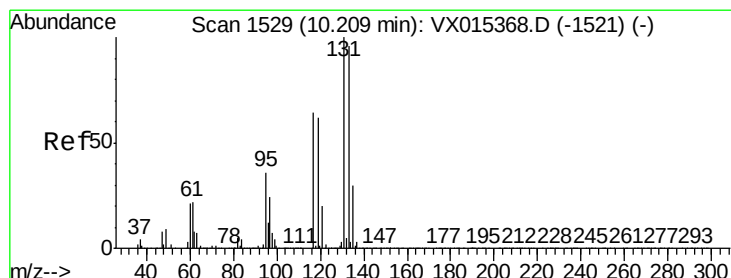
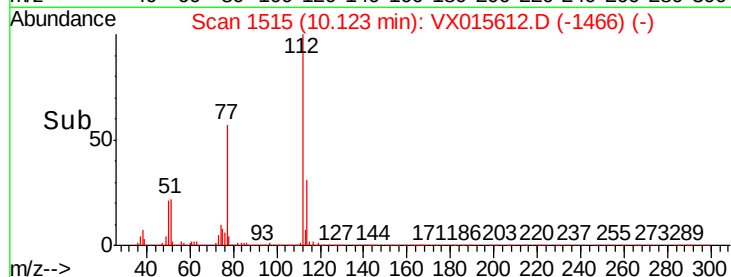
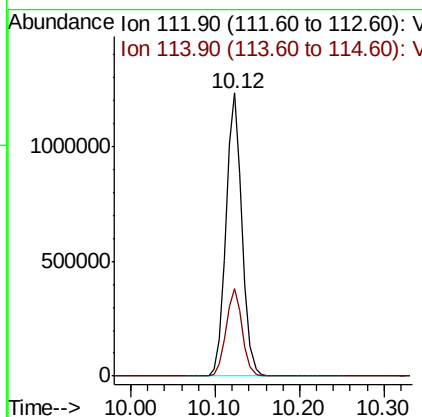
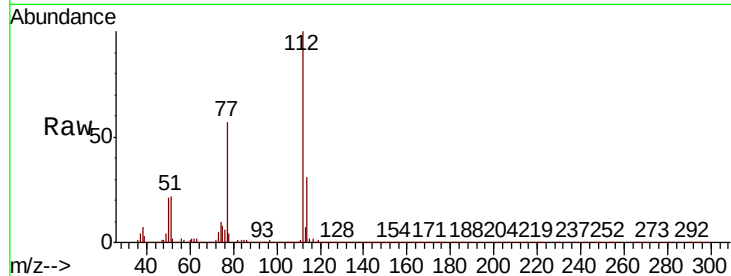




#65
Chlorobenzene
Concen: 49.369 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

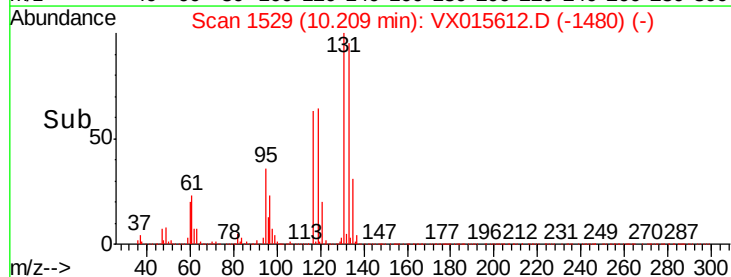
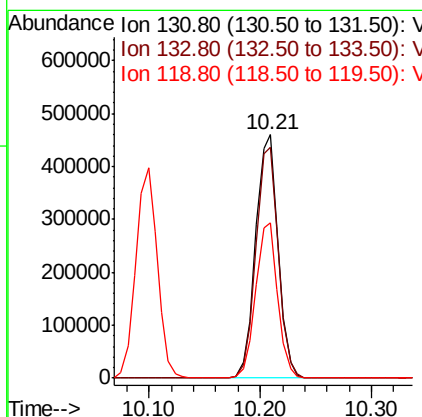
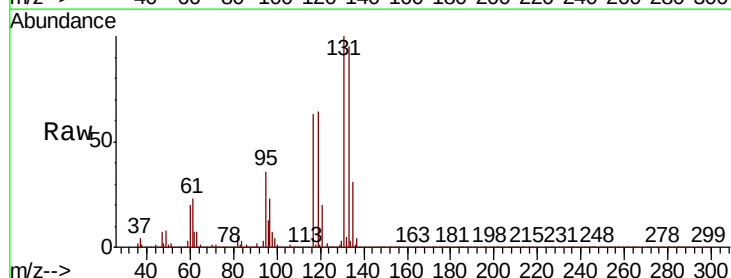
Instrument :
MSVOA_X
ClientSampled :

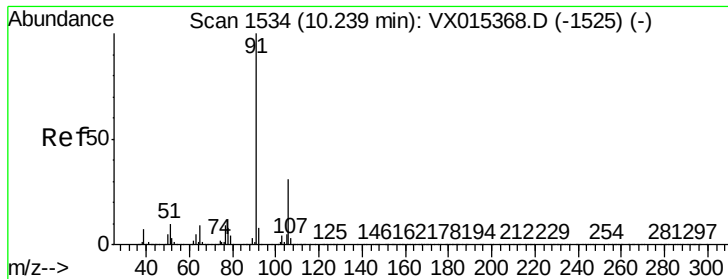
Tot Ion:112 Resp: 1613396
Ion Ratio Lower Upper
112 100
114 31.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.487 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion:131 Resp: 646097
Ion Ratio Lower Upper
131 100
133 95.0 47.6 142.9
119 62.2 31.1 93.3

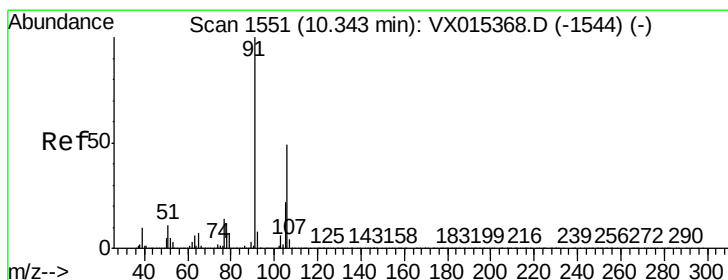
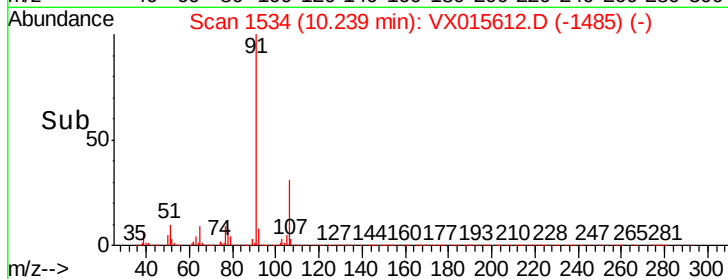
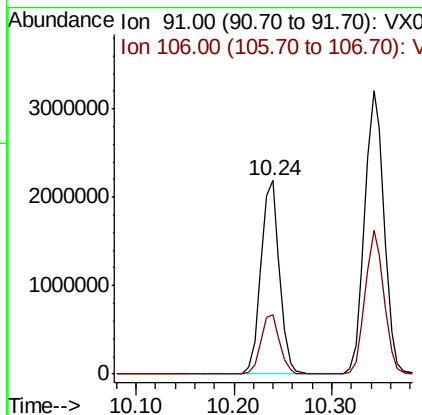
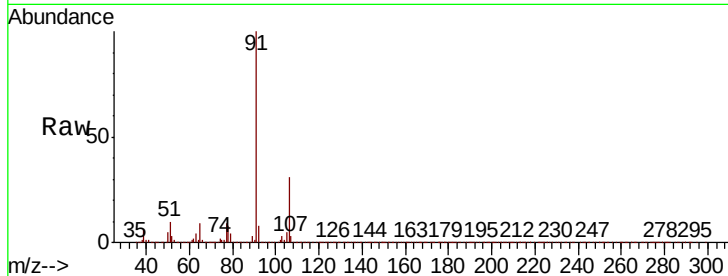




#67
Ethyl Benzene
Concen: 49.588 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

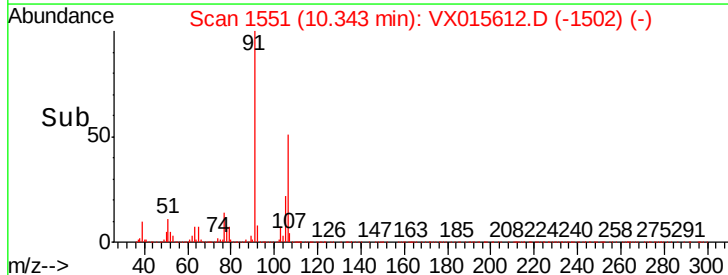
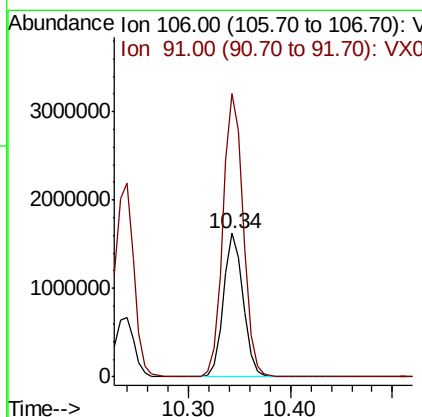
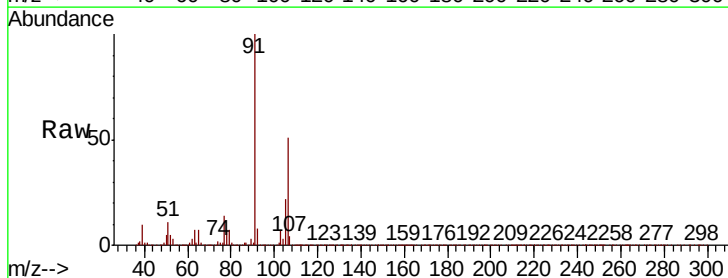
Instrument :
MSVOA_X
ClientSampled :

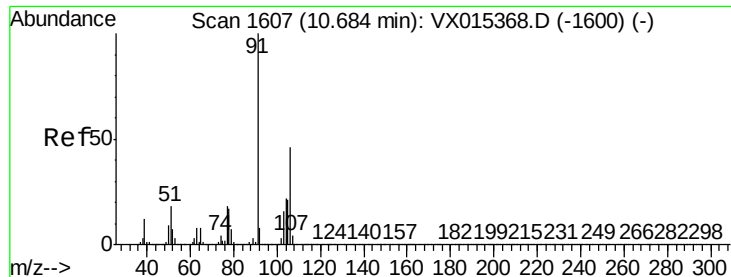
Tot Ion: 91 Resp: 2874186
Ion Ratio Lower Upper
91 100
106 30.9 24.8 37.2



#68
m/p-Xylenes
Concen: 101.170 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion: 106 Resp: 2183537
Ion Ratio Lower Upper
106 100
91 202.1 163.4 245.0

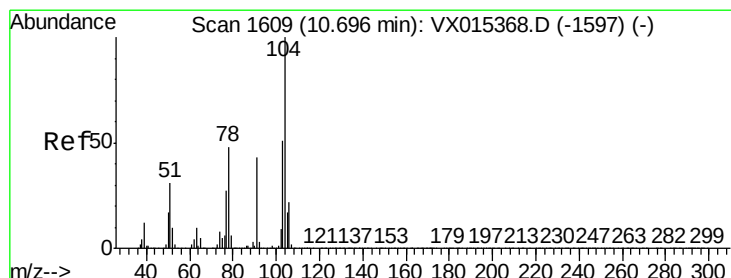
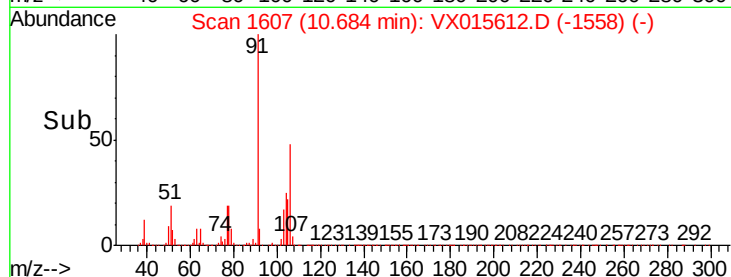
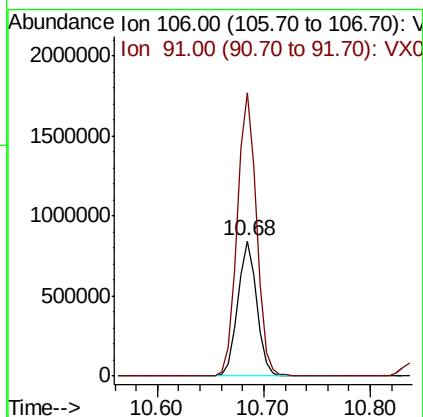
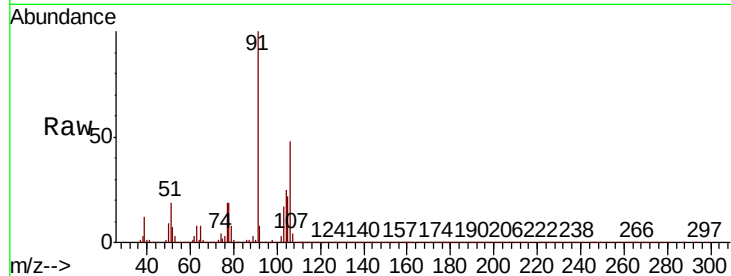




#69
o-Xylene
Concen: 49.716 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

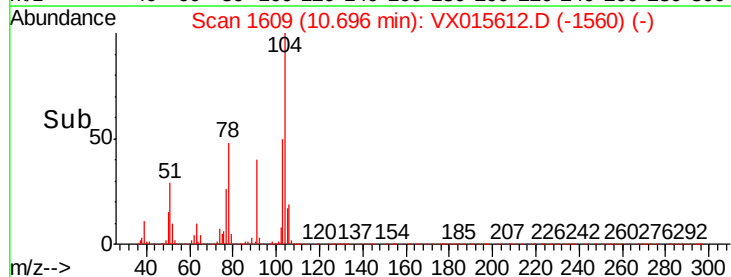
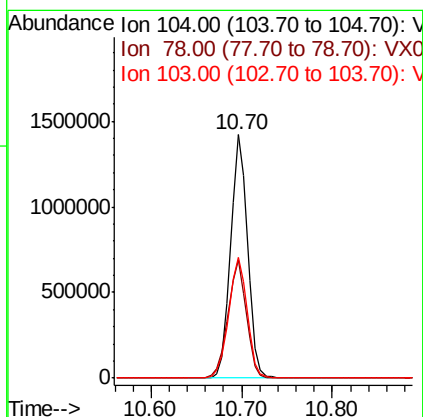
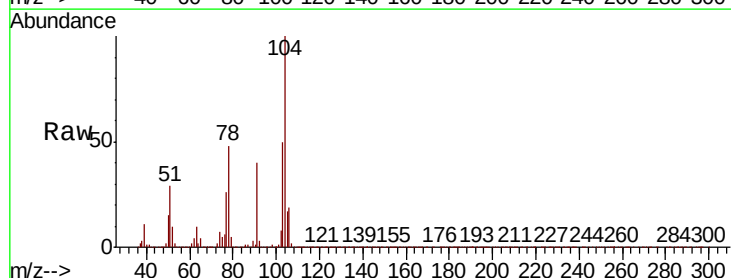
Instrument :
MSVOA_X
ClientSampled :

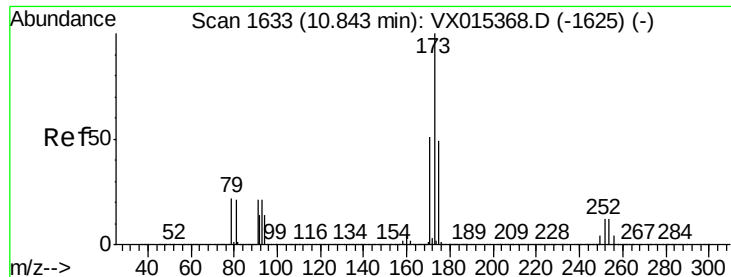
Tot Ion:106 Resp: 1060312
Ion Ratio Lower Upper
106 100
91 212.6 107.1 321.3



#70
Styrene
Concen: 49.126 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion:104 Resp: 1843660
Ion Ratio Lower Upper
104 100
78 52.5 42.0 63.0
103 54.1 43.4 65.0





#71

Bromoform

Concen: 47.925 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

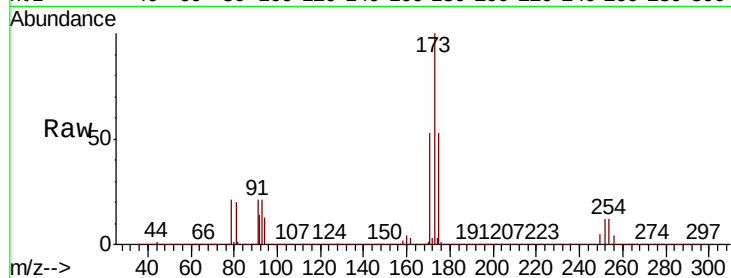
Tot Ion:173 Resp: 569603

Ion Ratio Lower Upper

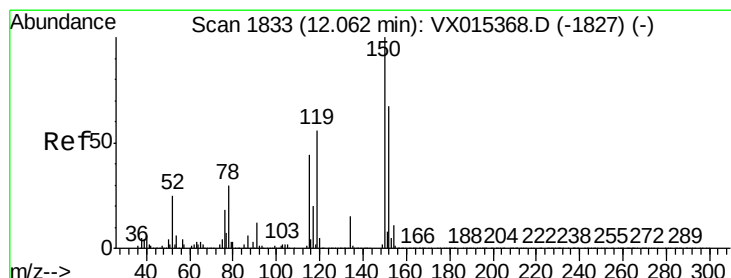
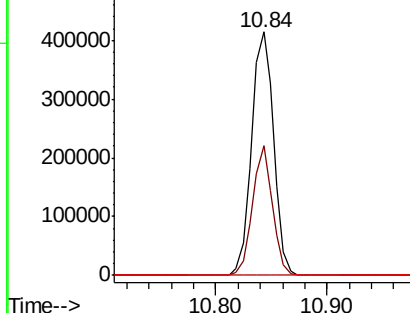
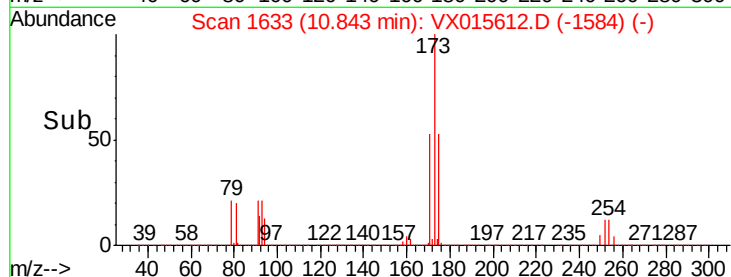
173 100

175 48.2 23.9 71.7

254 0.3 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

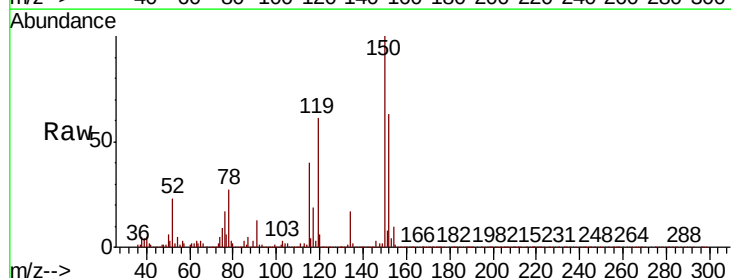
Tgt Ion:152 Resp: 884210

Ion Ratio Lower Upper

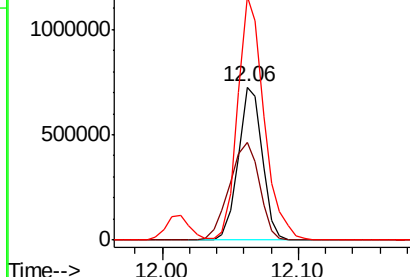
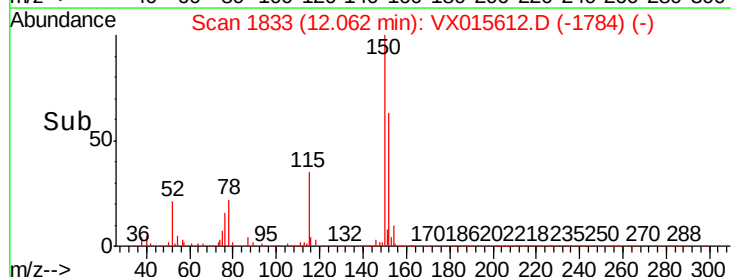
152 100

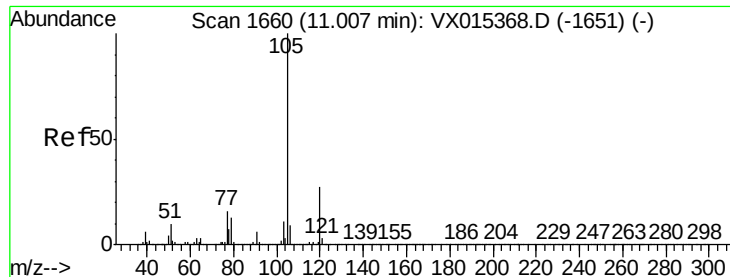
115 80.5 39.0 116.9

150 175.5 0.0 340.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.510 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

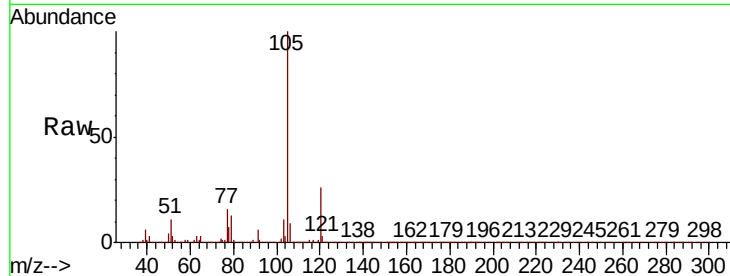
ClientSampleId :

Tot Ion:105 Resp: 2868375

Ion Ratio Lower Upper

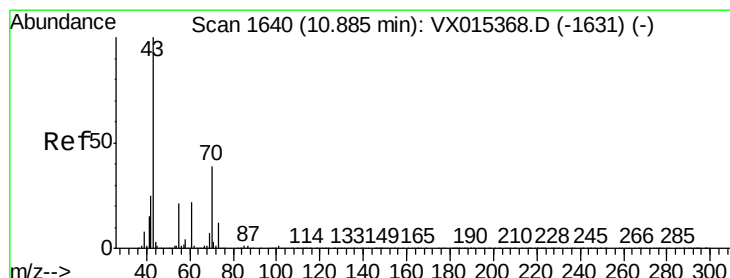
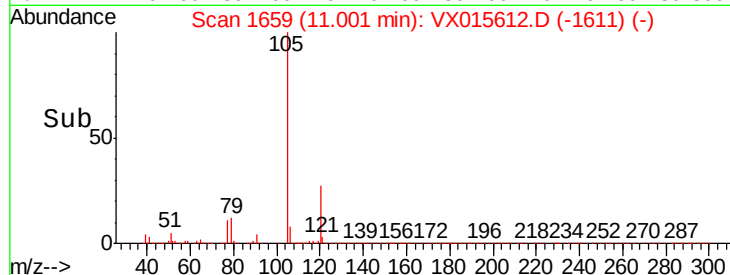
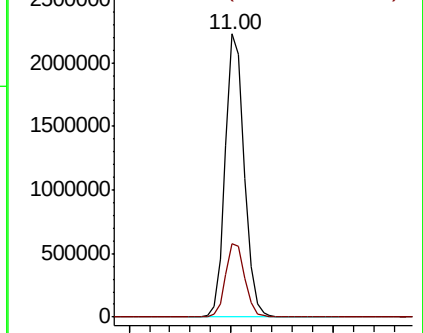
105 100

120 26.3 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.090 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Tgt Ion: 43 Resp: 1420676

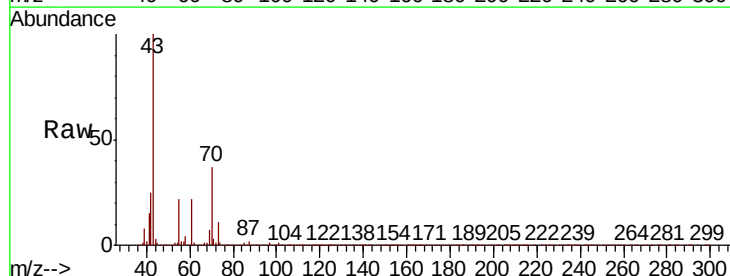
Ion Ratio Lower Upper

43 100

70 38.3 30.2 45.4

55 22.0 16.8 25.2

61 22.7 18.2 27.2

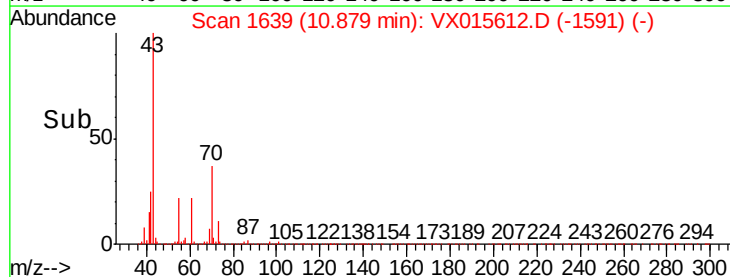
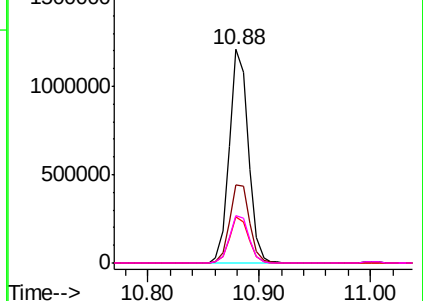


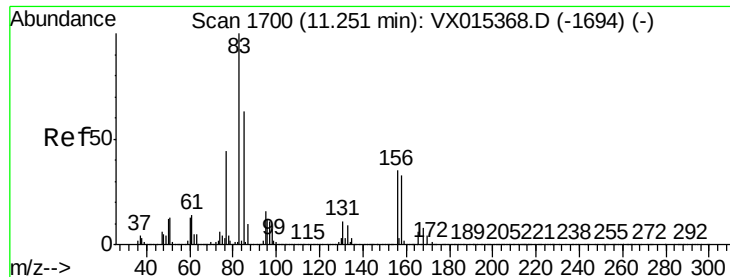
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.228 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

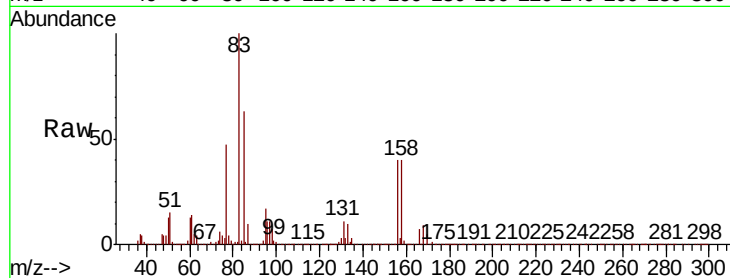
Tot Ion: 83 Resp: 899129

Ion Ratio Lower Upper

83 100

131 10.7 5.3 16.1

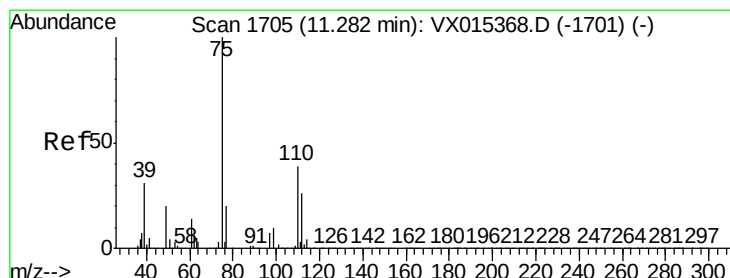
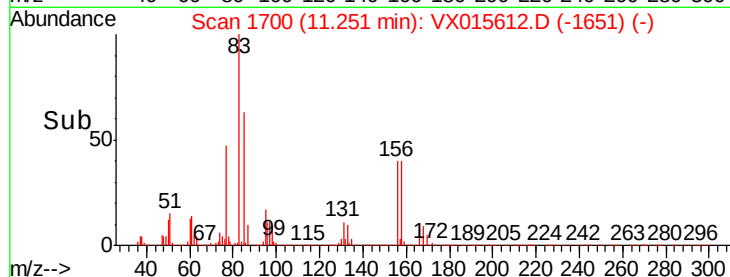
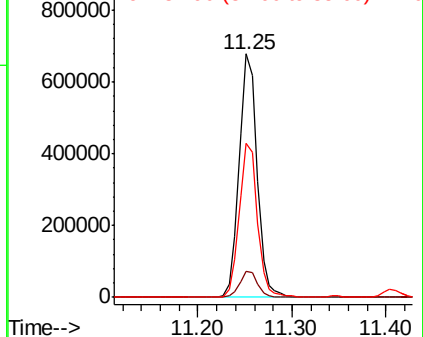
85 63.9 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 60.968 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015612.D

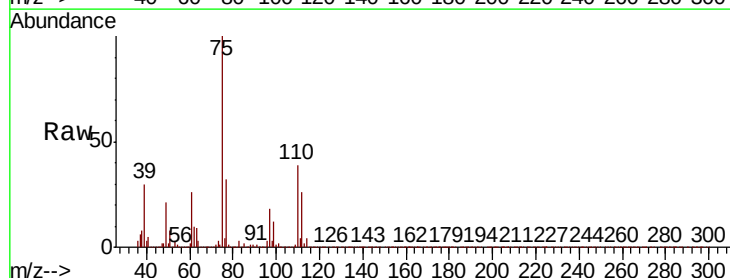
Acq: 10 Apr 2020 11:46

Tgt Ion: 75 Resp: 1108592

Ion Ratio Lower Upper

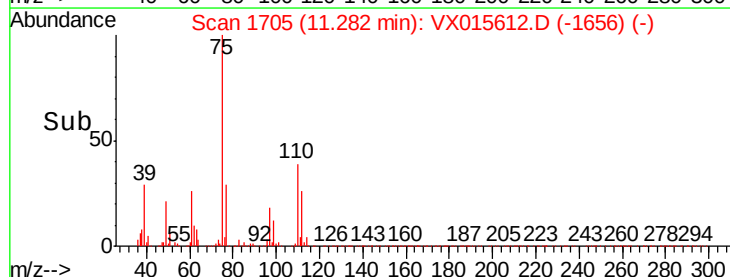
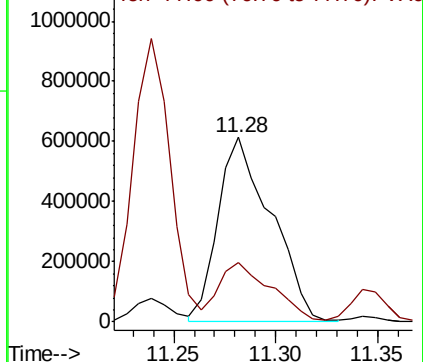
75 100

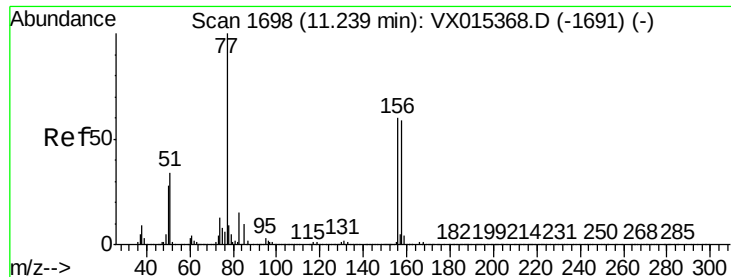
77 31.5 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.423 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

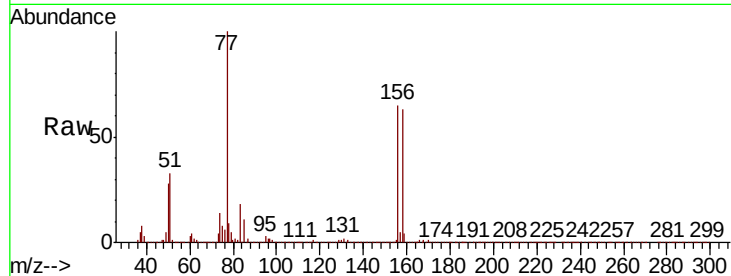
Tot Ion:156 Resp: 763751

Ion Ratio Lower Upper

156 100

77 156.9 82.2 246.5

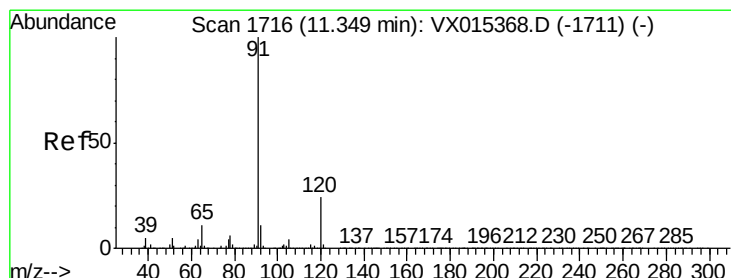
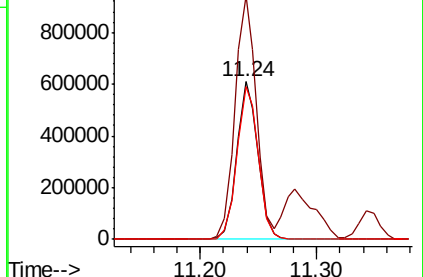
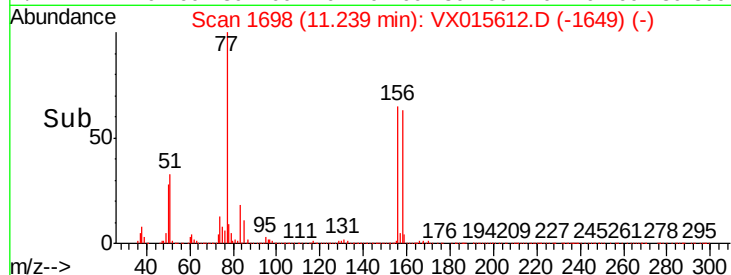
158 98.6 49.3 147.9



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: 49.383 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.01 min

Lab File: VX015612.D

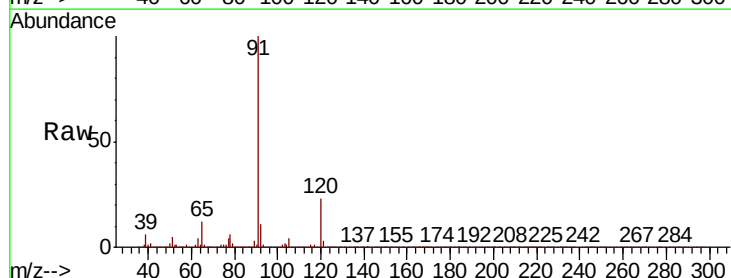
Acq: 10 Apr 2020 11:46

Tgt Ion: 91 Resp: 3271511

Ion Ratio Lower Upper

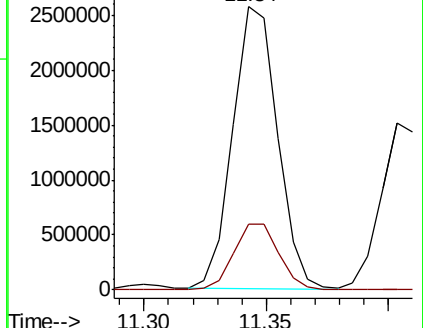
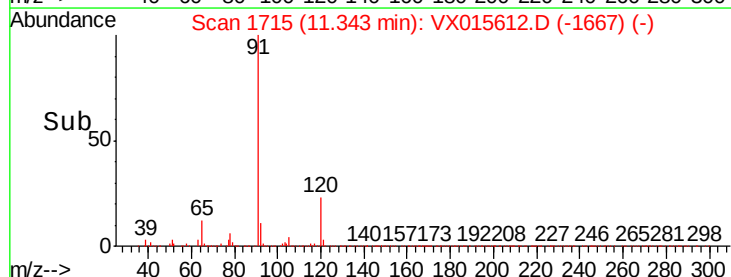
91 100

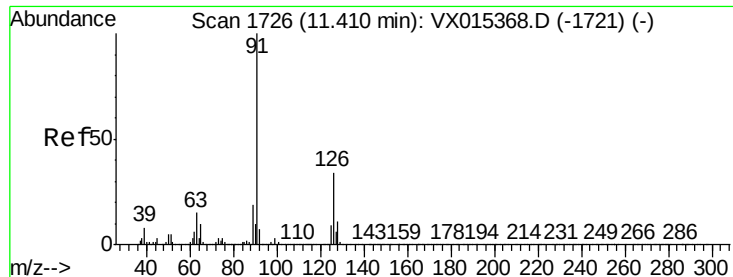
120 23.6 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.182 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

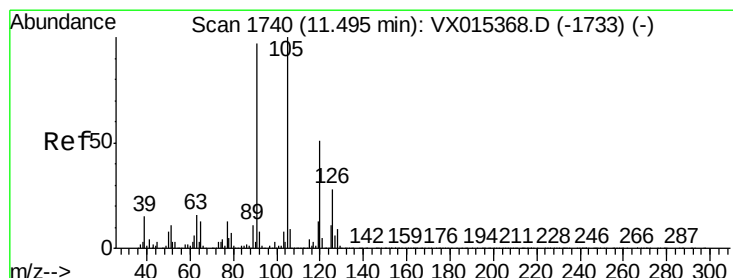
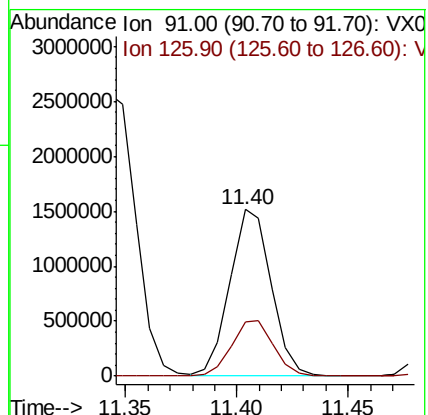
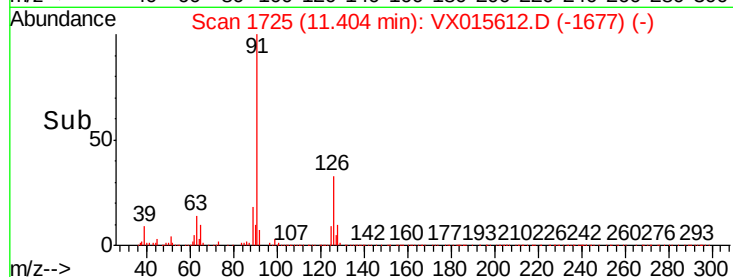
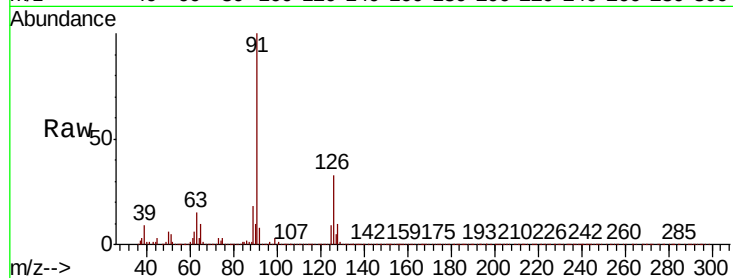
ClientSampled :

Tot Ion: 91 Resp: 1956414

Ion Ratio Lower Upper

91 100

126 34.0 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 49.000 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015612.D

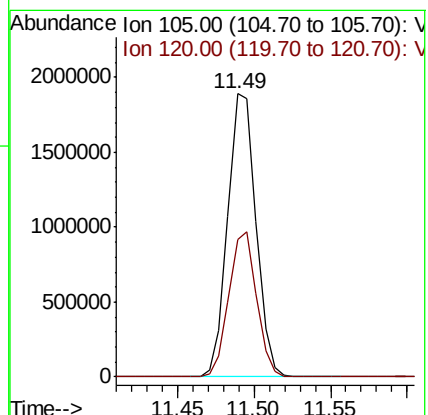
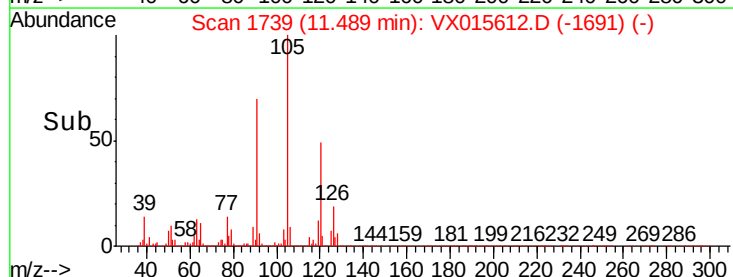
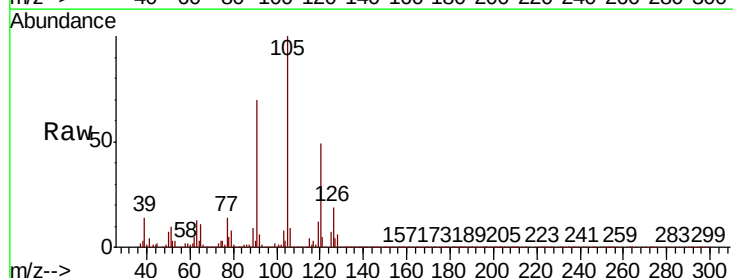
Acq: 10 Apr 2020 11:46

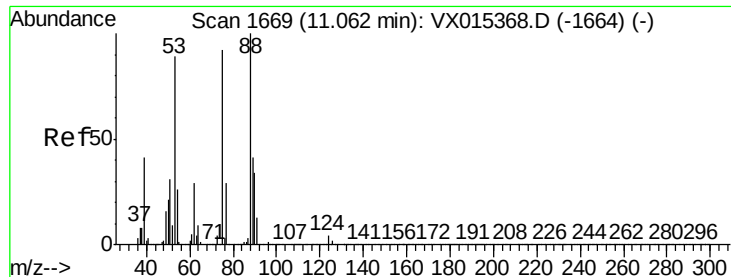
Tgt Ion: 105 Resp: 2424457

Ion Ratio Lower Upper

105 100

120 50.3 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 44.480 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

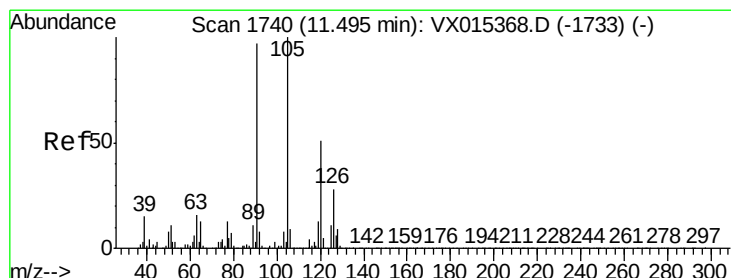
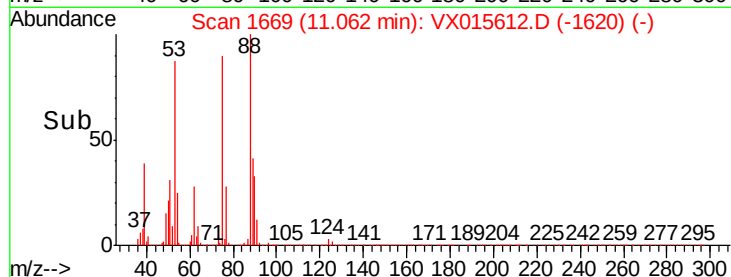
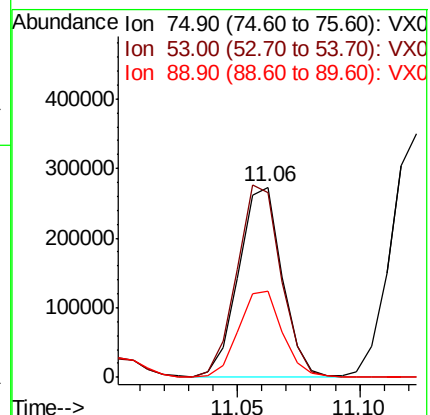
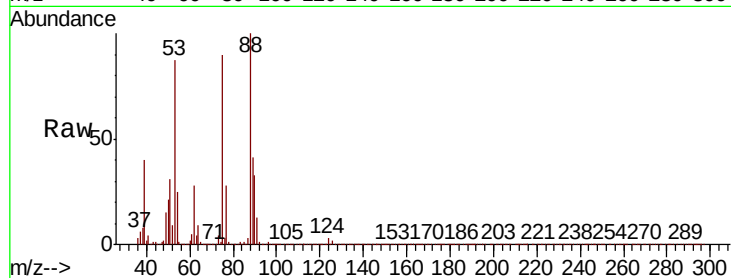
Tot Ion: 75 Resp: 337069

Ion Ratio Lower Upper

75 100

53 102.2 80.1 120.1

89 46.3 36.1 54.1



#82

4-Chlorotoluene

Concen: 48.606 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015612.D

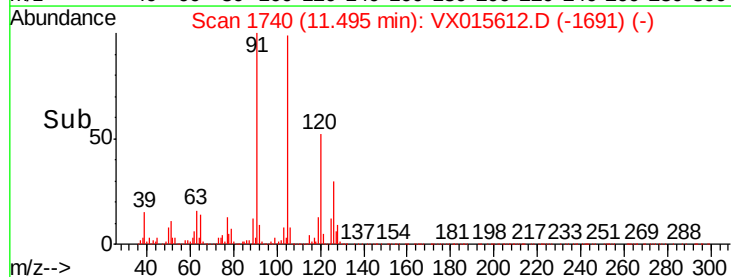
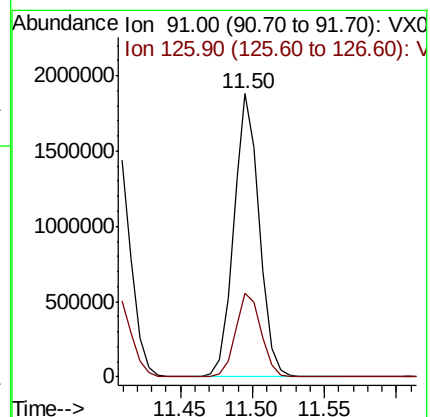
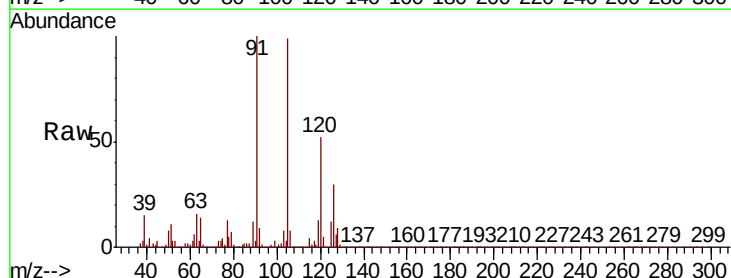
Acq: 10 Apr 2020 11:46

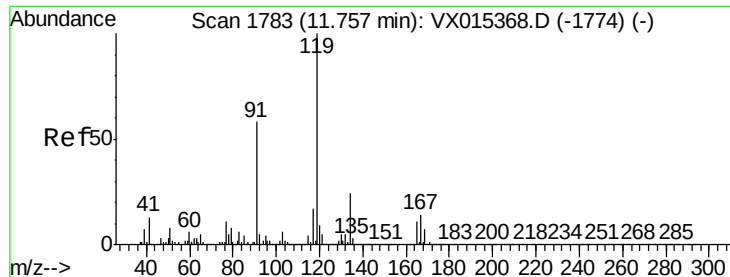
Tgt Ion: 91 Resp: 2313701

Ion Ratio Lower Upper

91 100

126 29.9 14.7 44.1



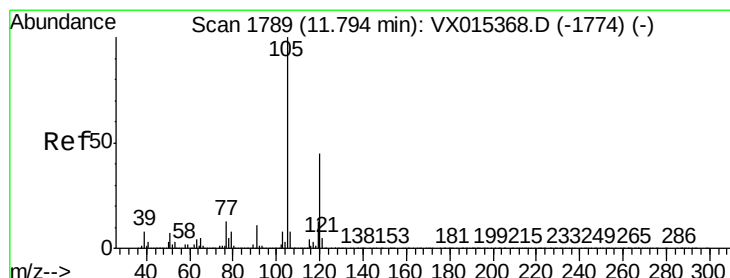
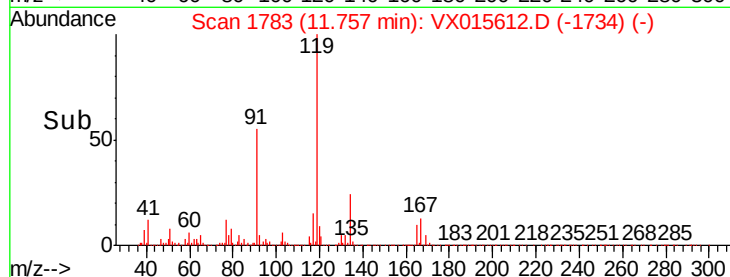
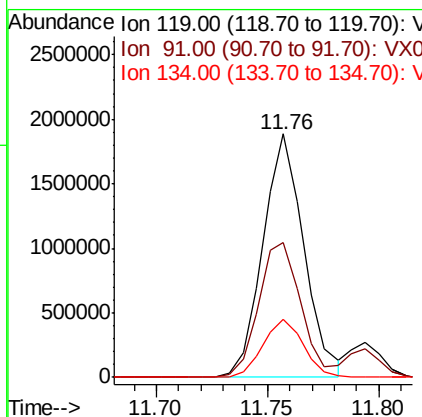
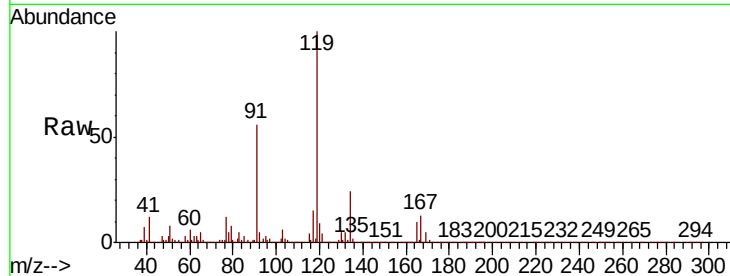


#83
 tert-Butylbenzene
 Concen: 49.788 ug/l
 RT: 11.76 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:119 Resp: 2406237

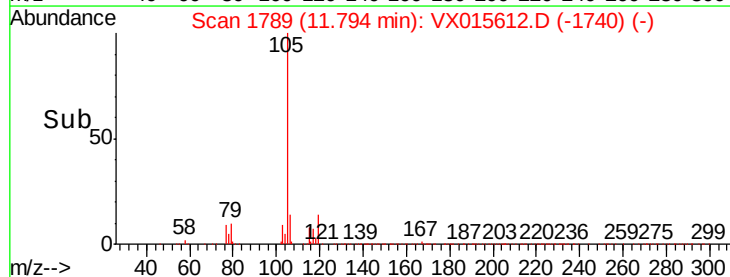
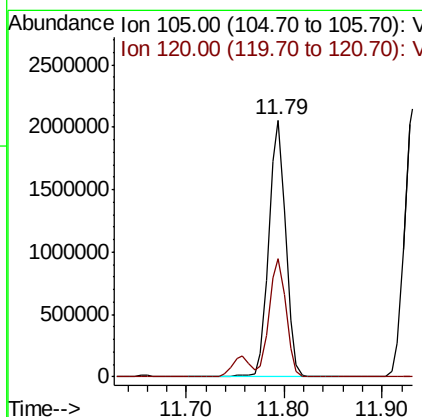
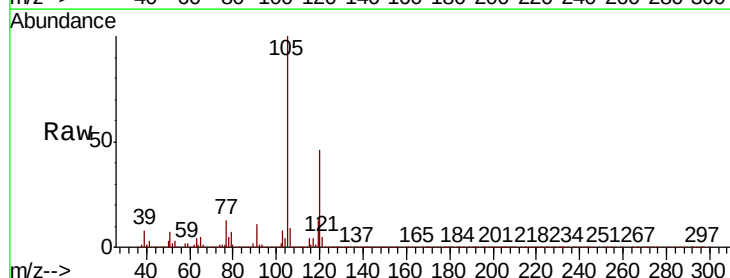
Ion	Ratio	Lower	Upper
119	100		
91	56.5	28.6	85.8
134	23.6	11.8	35.3

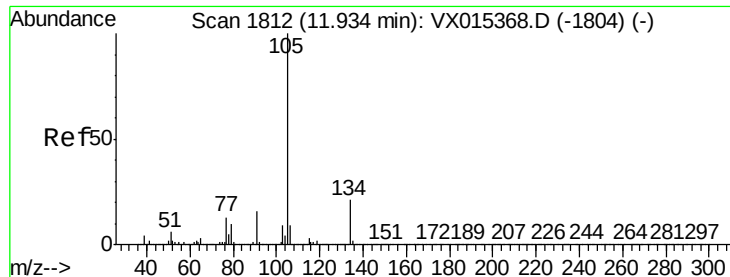


#84
 1,2,4-Trimethylbenzene
 Concen: 48.770 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

Tgt Ion:105 Resp: 2459001

Ion	Ratio	Lower	Upper
105	100		
120	46.2	22.7	68.1





#85

sec-Butylbenzene

Concen: 50.019 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

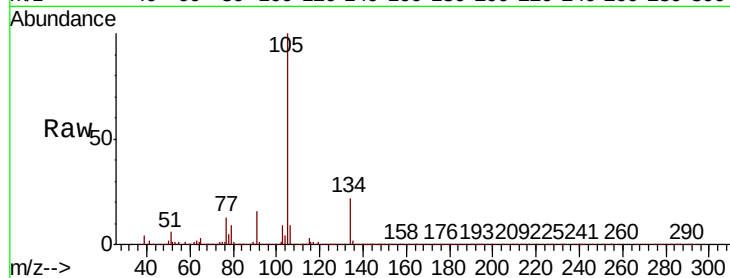
ClientSampleId :

Tot Ion:105 Resp: 2795848

Ion Ratio Lower Upper

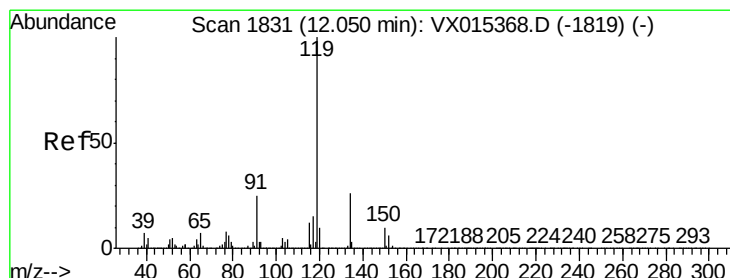
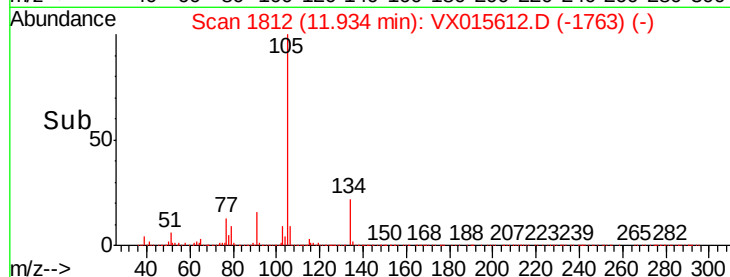
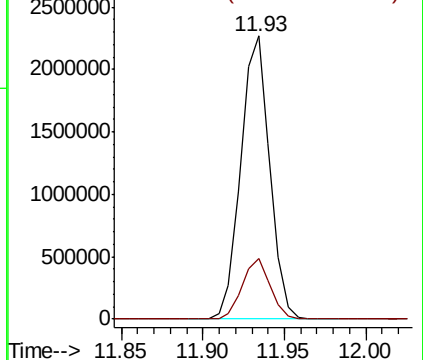
105 100

134 20.9 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.613 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

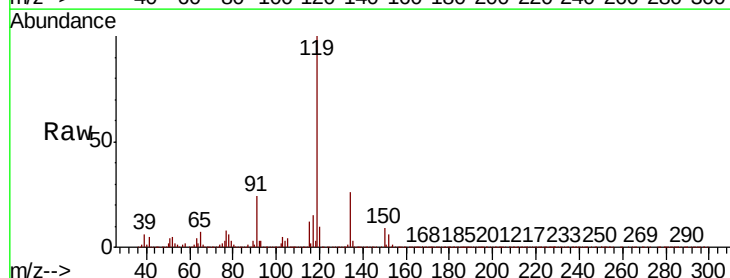
Tgt Ion:119 Resp: 2730100

Ion Ratio Lower Upper

119 100

134 25.7 13.1 39.3

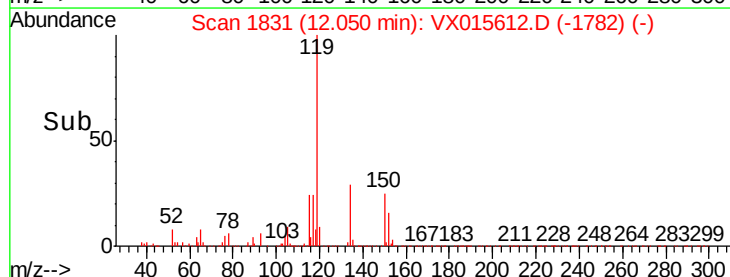
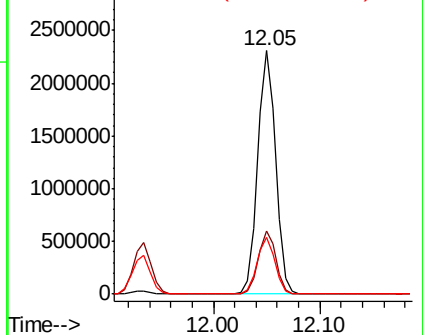
91 23.3 12.4 37.4

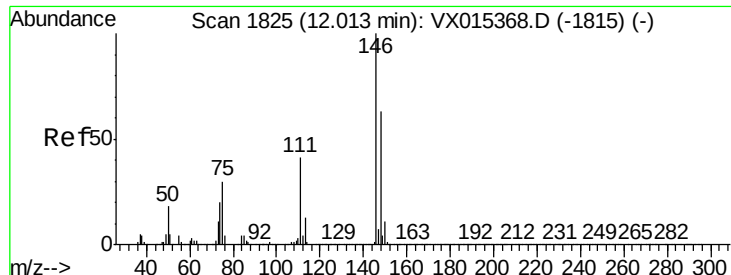


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

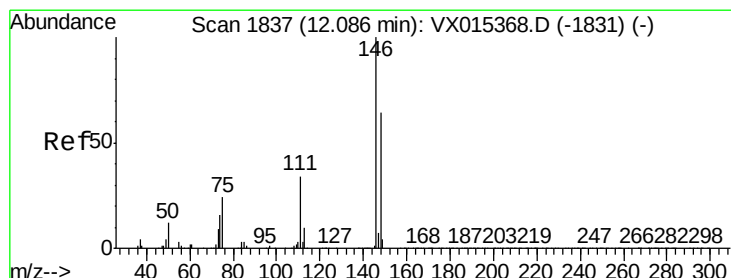
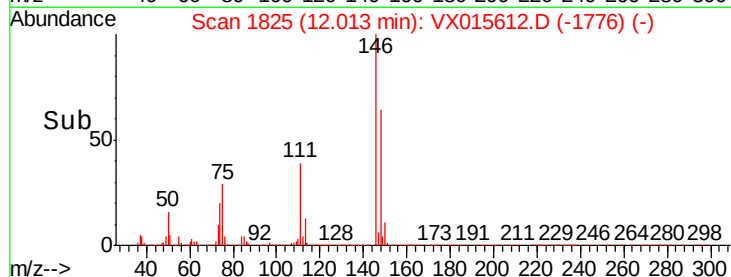
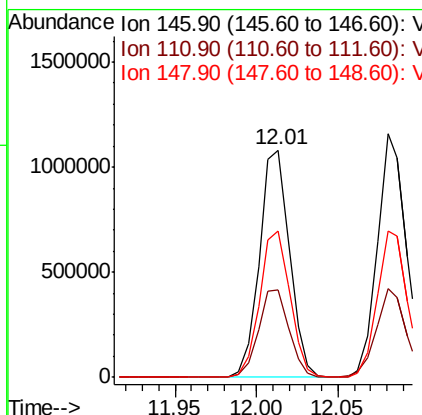
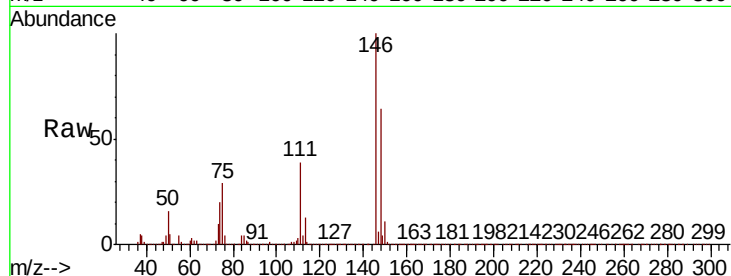




#87
 1,3-Dichlorobenzene
 Concen: 50.186 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

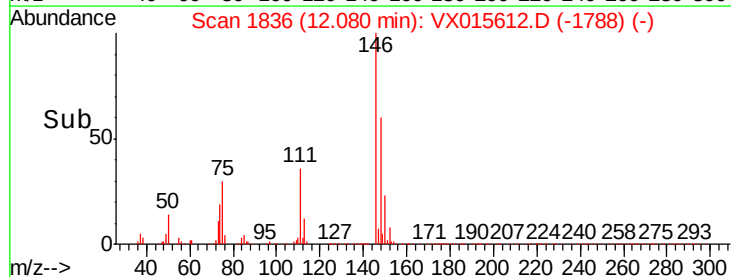
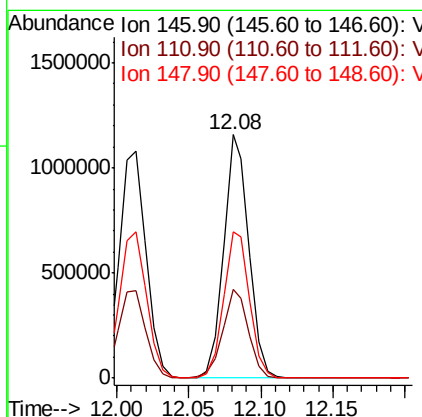
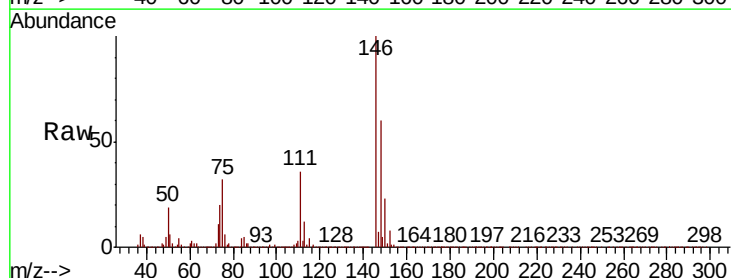
Instrument :
 MSVOA_X
 ClientSampleId :

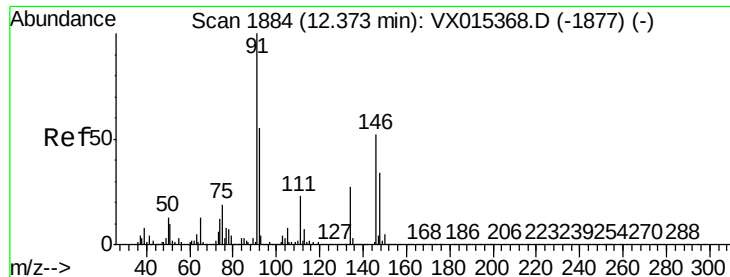
Tot Ion:146 Resp: 1388375
 Ion Ratio Lower Upper
 146 100
 111 39.1 20.3 60.9
 148 64.6 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 50.301 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

Tgt Ion:146 Resp: 1417435
 Ion Ratio Lower Upper
 146 100
 111 37.2 19.1 57.5
 148 61.9 32.4 97.2

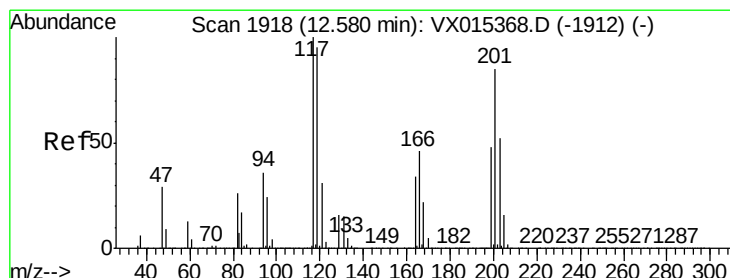
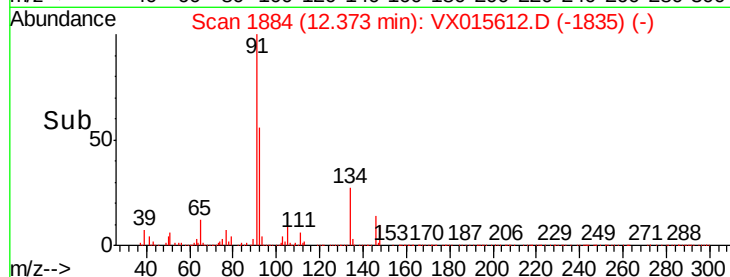
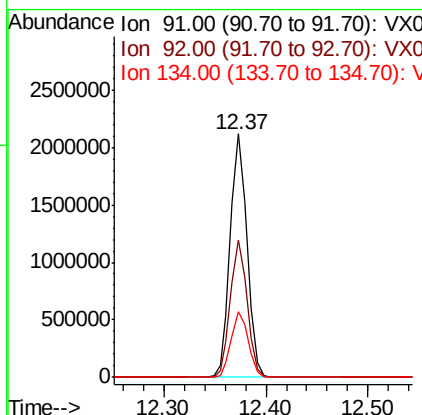
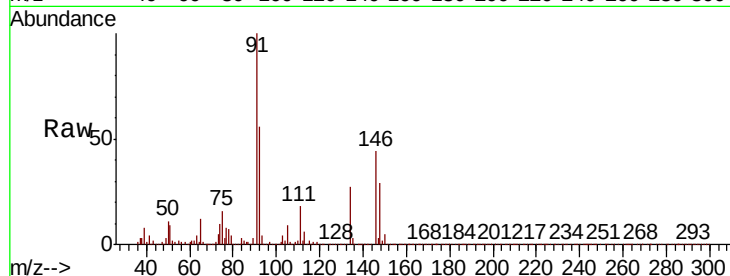




#89
n-Butylbenzene
Concen: 51.178 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

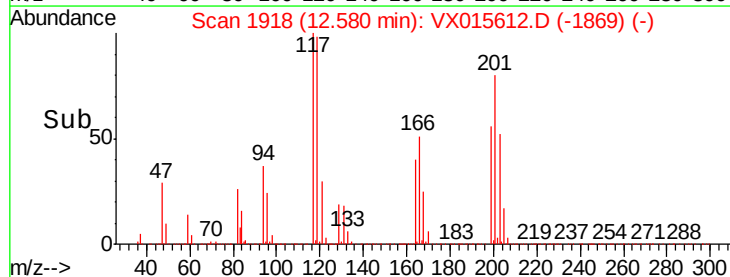
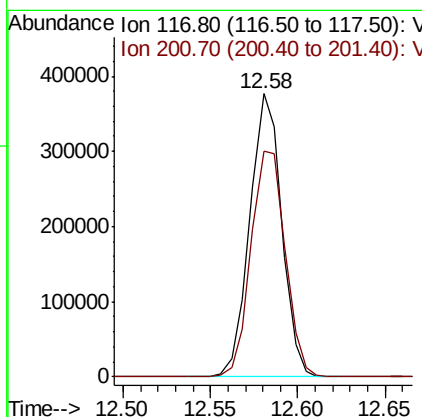
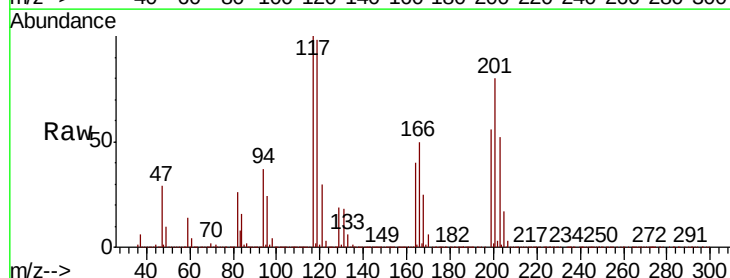
Instrument :
MSVOA_X
ClientSampled :

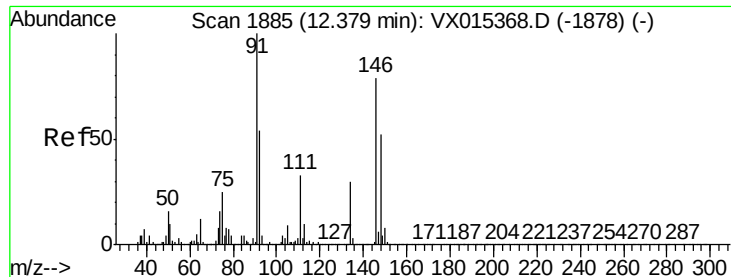
Tot Ion: 91 Resp: 2399858
Ion Ratio Lower Upper
91 100
92 56.1 27.2 81.5
134 27.5 13.4 40.2



#90
Hexachloroethane
Concen: 47.265 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion: 117 Resp: 477363
Ion Ratio Lower Upper
117 100
201 85.9 42.6 128.0

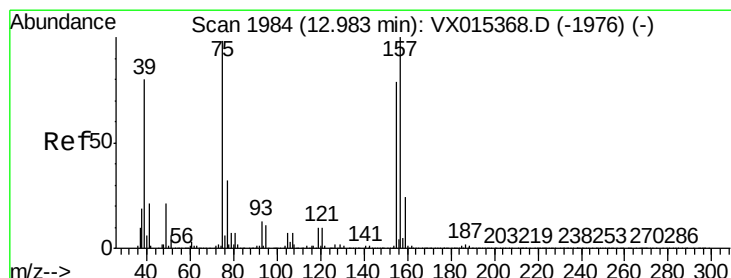
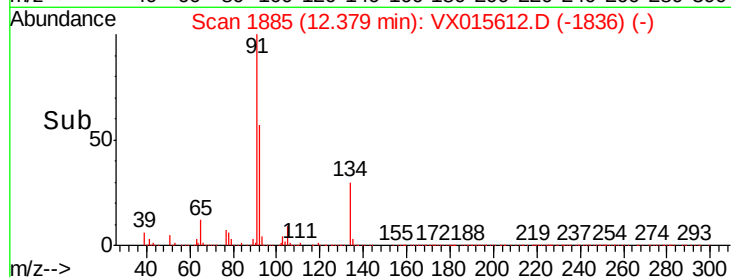
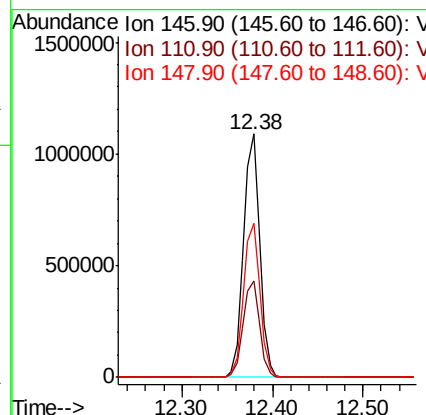
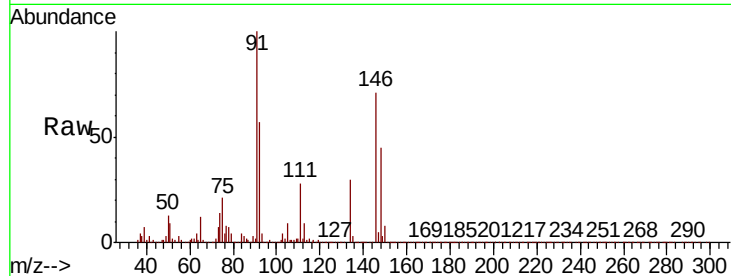




#91
 1,2-Dichlorobenzene
 Concen: 50.103 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

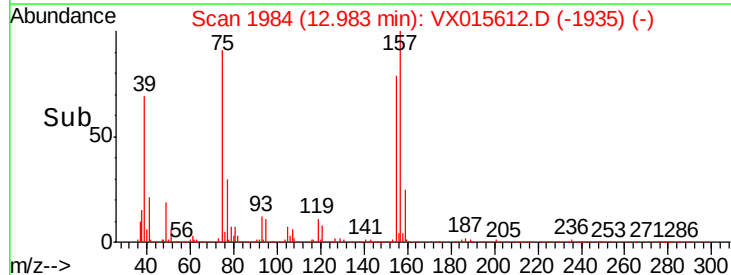
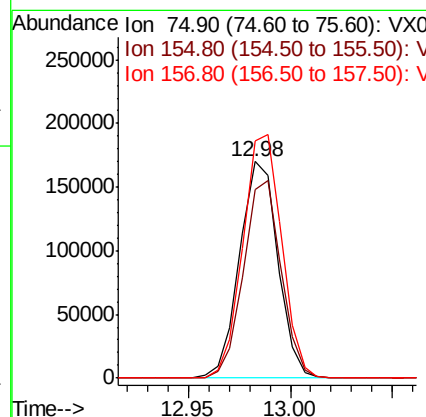
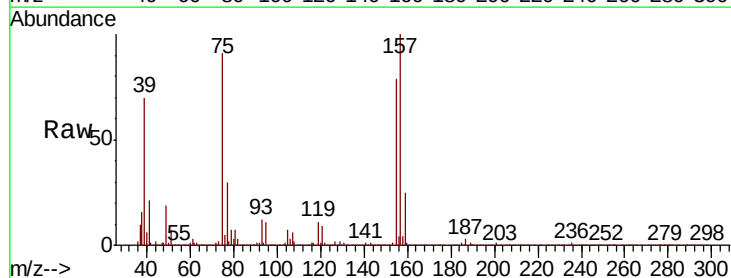
Instrument :
 MSVOA_X
 ClientSampled :

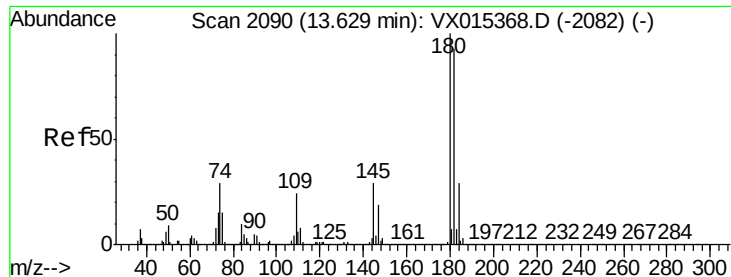
Tot Ion:146 Resp: 1356472
 Ion Ratio Lower Upper
 146 100
 111 40.0 21.0 63.0
 148 63.9 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 39.324 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

Tgt Ion: 75 Resp: 220643
 Ion Ratio Lower Upper
 75 100
 155 90.1 42.8 128.4
 157 114.8 53.4 160.3

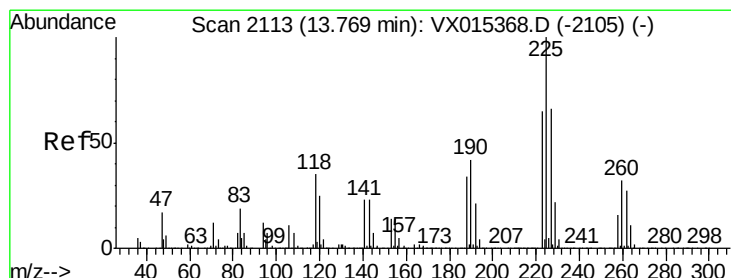
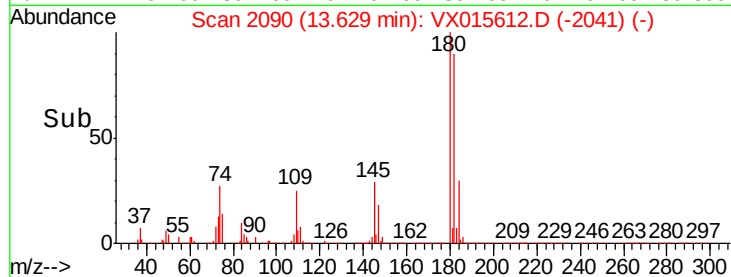
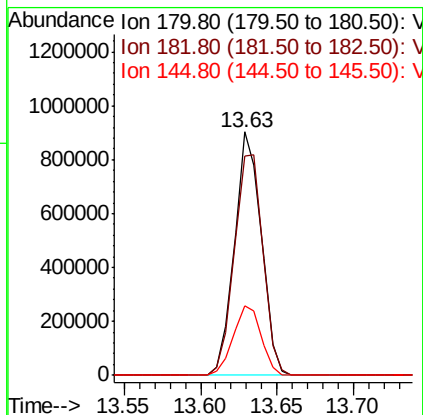
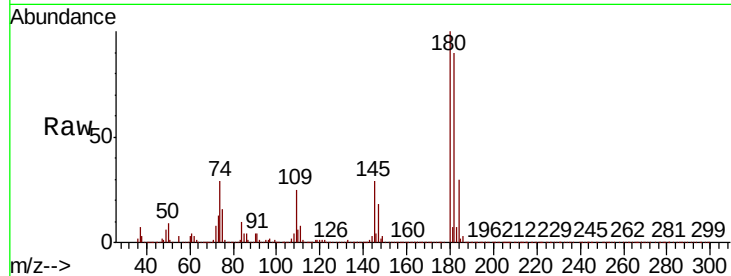




#93
 1,2,4-Trichlorobenzene
 Concen: 51.238 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

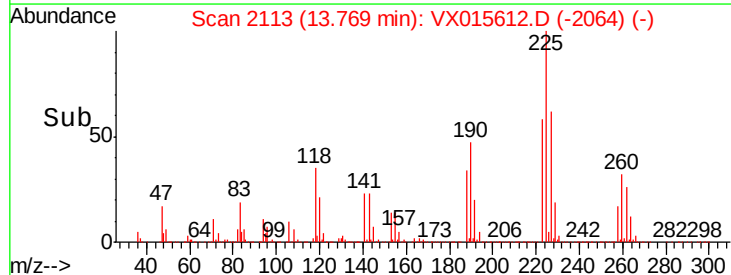
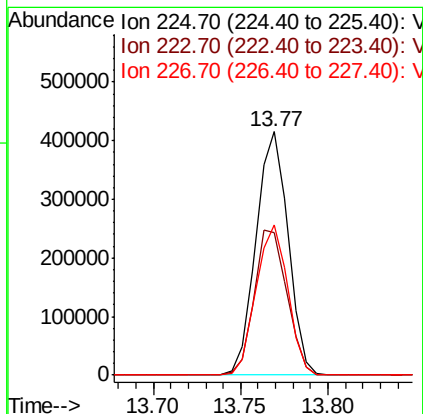
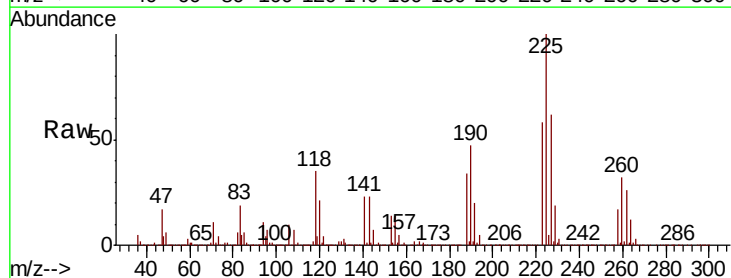
Instrument :
 MSVOA_X
 ClientSampleId :

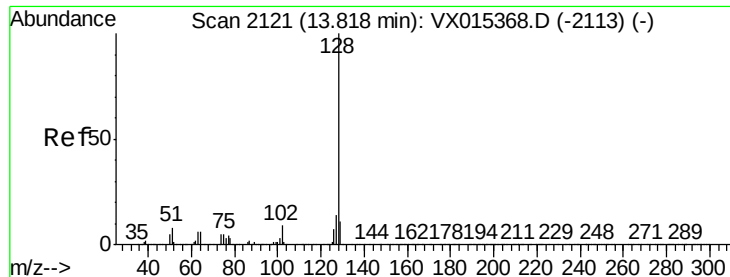
Tot Ion:180 Resp: 1097272
 Ion Ratio Lower Upper
 180 100
 182 96.6 46.9 140.7
 145 29.6 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 51.860 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

Tgt Ion:225 Resp: 528768
 Ion Ratio Lower Upper
 225 100
 223 61.1 31.9 95.7
 227 61.4 30.4 91.3

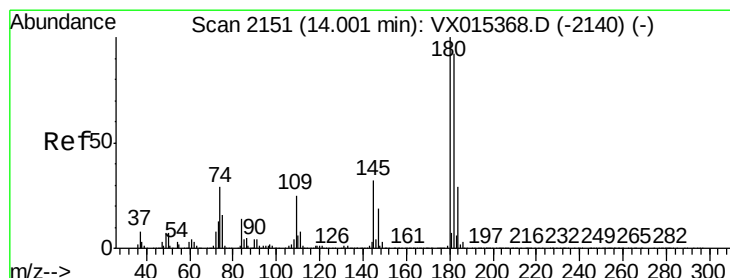
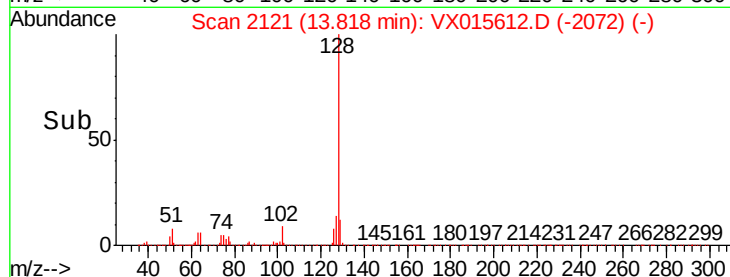
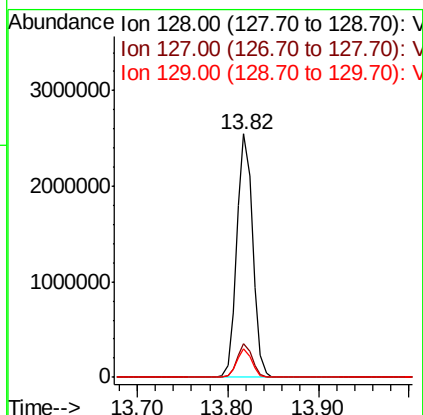
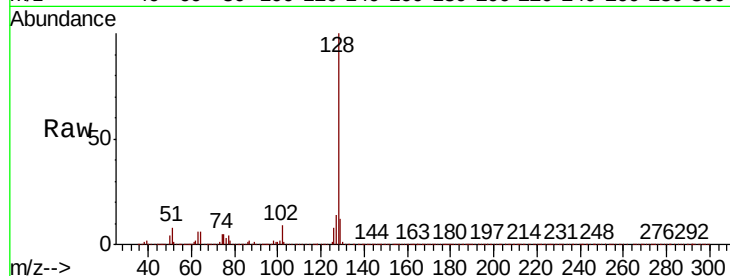




#95
Naphthalene
Concen: 47.768 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 3120423
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 51.529 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion:180 Resp: 1062455
Ion Ratio Lower Upper
180 100
182 97.2 46.7 140.0
145 31.7 15.8 47.3

