

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX033020\
 Data File : VX015441.D
 Acq On : 30 Mar 2020 20:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 31 08:55:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	917354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1642981	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1538412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	792201	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	753873	58.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.54%	
35) Dibromofluoromethane	5.47	113	540869	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
50) Toluene-d8	8.70	98	1903126	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
62) 4-Bromofluorobenzene	11.12	95	812739	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	342155	42.335	ug/l	99
3) Chloromethane	1.31	50	553773	53.804	ug/l	98
4) Vinyl Chloride	1.39	62	455208	48.166	ug/l	98
5) Bromomethane	1.62	94	267837	63.696	ug/l	100
6) Chloroethane	1.71	64	298322	50.896	ug/l	100
7) Trichlorofluoromethane	1.92	101	571195	45.067	ug/l	99
8) Diethyl Ether	2.17	74	287684	53.814	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	348635	42.195	ug/l	97
10) Methyl Iodide	2.49	142	526055	47.223	ug/l	99
11) Tert butyl alcohol	3.01	59	781804	252.451	ug/l	99
12) 1,1-Dichloroethene	2.36	96	427339	49.342	ug/l	98
13) Acrolein	2.27	56	512528	290.532	ug/l	99
14) Allyl chloride	2.71	41	1097940	54.255	ug/l	99
15) Acrylonitrile	3.12	53	1667860	282.405	ug/l	100
16) Acetone	2.42	43	1521607	273.740	ug/l	99
17) Carbon Disulfide	2.55	76	1297090	49.094	ug/l	98
18) Methyl Acetate	2.75	43	784775	55.316	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	1921888	57.216	ug/l	100
20) Methylene Chloride	2.83	84	566458	54.558	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	498103	51.822	ug/l	96
22) Diisopropyl ether	3.83	45	2061340	57.484	ug/l	97
23) Vinyl Acetate	3.79	43	9408030	289.771	ug/l	99
24) 1,1-Dichloroethane	3.67	63	1024988	54.289	ug/l	99
25) 2-Butanone	4.64	43	2445211	273.533	ug/l	99
26) 2,2-Dichloropropane	4.56	77	791775	51.091	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	609899	54.845	ug/l	99
28) Bromochloromethane	4.98	49	507656	56.316	ug/l	99
29) Tetrahydrofuran	5.09	42	1592367	277.084	ug/l	99
30) Chloroform	5.18	83	1008313	55.510	ug/l	98
31) Cyclohexane	5.55	56	720987	44.020	ug/l	95
32) 1,1,1-Trichloroethane	5.47	97	841605	51.196	ug/l	99
36) 1,1-Dichloropropene	5.78	75	666849	44.051	ug/l	99
37) Ethyl Acetate	4.80	43	970981	49.261	ug/l	99
38) Carbon Tetrachloride	5.76	117	698998	42.631	ug/l	99

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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	638791	36.598	ug/l	98
40) Benzene	6.12	78	2172910	49.001	ug/l	99
41) Methacrylonitrile	5.01	41	568928	51.995	ug/l	99
42) 1,2-Dichloroethane	6.17	62	912636	51.237	ug/l	99
43) Isopropyl Acetate	6.42	43	1683798	50.604	ug/l	100
44) Trichloroethene	7.19	130	566249	46.822	ug/l	94
45) 1,2-Dichloropropane	7.49	63	602145	49.638	ug/l	99
46) Dibromomethane	7.64	93	403703	50.732	ug/l	99
47) Bromodichloromethane	7.88	83	848069	50.016	ug/l	97
48) Methyl methacrylate	7.75	41	845775	50.888	ug/l	100
49) 1,4-Dioxane	7.71	88	303005	977.282	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	4774345	253.184	ug/l	100
52) Toluene	8.77	92	1347408	49.285	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	969278	48.741	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	1008062	49.763	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	572488	51.110	ug/l	98
56) Ethyl methacrylate	9.16	69	1002607	50.790	ug/l	98
57) 1,3-Dichloropropane	9.35	76	1017029	50.396	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2484161	258.718	ug/l	99
59) 2-Hexanone	9.48	43	3650396	256.405	ug/l	100
60) Dibromochloromethane	9.57	129	677210	50.315	ug/l	99
61) 1,2-Dibromoethane	9.65	107	611654	50.221	ug/l	98
64) Tetrachloroethene	9.32	164	494041	42.553	ug/l	94
65) Chlorobenzene	10.12	112	1456831	47.484	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	596808	48.691	ug/l	99
67) Ethyl Benzene	10.24	91	2577873	47.375	ug/l	99
68) m/p-Xylenes	10.34	106	1902419	93.890	ug/l	98
69) o-Xylene	10.68	106	965413	48.216	ug/l	100
70) Styrene	10.70	104	1715553	48.692	ug/l	99
71) Bromoform	10.84	173	532500	47.723	ug/l	99
73) Isopropylbenzene	11.01	105	2398545	46.209	ug/l	98
74) N-amyl acetate	10.89	43	1442522	49.967	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	881874	49.513	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	1086478	66.692	ug/l	83
77) Bromobenzene	11.24	156	661767	47.797	ug/l	96
78) n-propylbenzene	11.35	91	2771140	46.689	ug/l	99
79) 2-Chlorotoluene	11.41	91	1769815	48.649	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	2111007	47.620	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	331606	48.841	ug/l	99
82) 4-Chlorotoluene	11.49	91	2080675	48.787	ug/l	100
83) tert-Butylbenzene	11.76	119	2006044	46.328	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2168843	48.011	ug/l	100
85) sec-Butylbenzene	11.93	105	2265179	45.232	ug/l	98
86) p-Isopropyltoluene	12.05	119	2131925	45.857	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	1193065	48.134	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	1207964	47.846	ug/l	99
89) n-Butylbenzene	12.37	91	1872628	44.573	ug/l	99
90) Hexachloroethane	12.58	117	419525	46.362	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	1197748	49.378	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	232329	46.216	ug/l	98

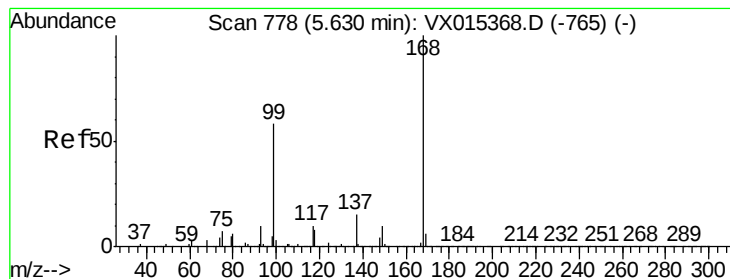
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX033020\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	881481	45.942	ug/l	98
94) Hexachlorobutadiene	13.77	225	333224	36.478	ug/l	97
95) Naphthalene	13.82	128	2813774	48.077	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	886698	48.000	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Instrument :

MSVOA_X

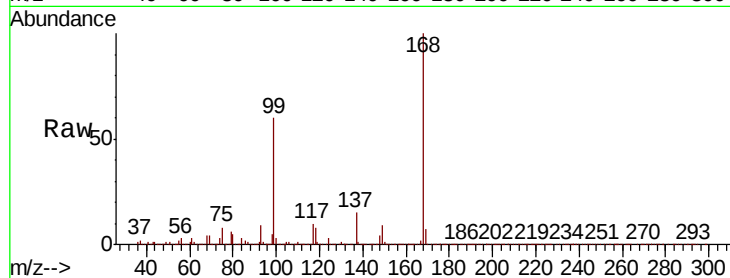
ClientSampleId :

Tot Ion:168 Resp: 917354

Ion Ratio Lower Upper

168 100

99 59.5 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

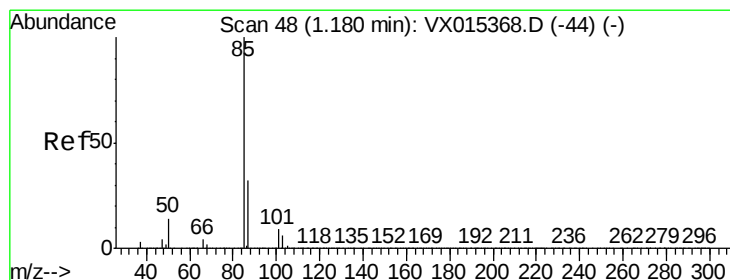
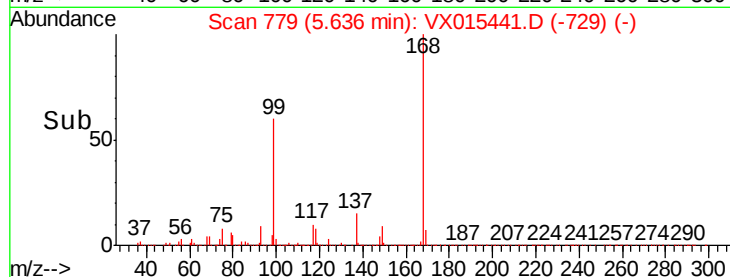
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 42.335 ug/l

RT: 1.18 min Scan# 48

Delta R.T. -0.00 min

Lab File: VX015441.D

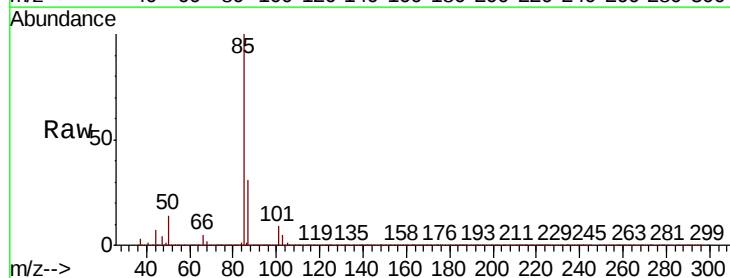
Acq: 30 Mar 2020 20:13

Tgt Ion: 85 Resp: 342155

Ion Ratio Lower Upper

85 100

87 31.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

400000

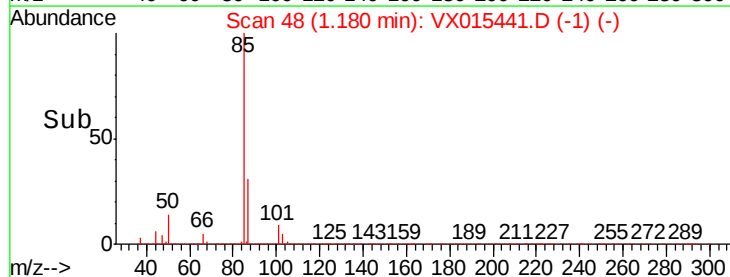
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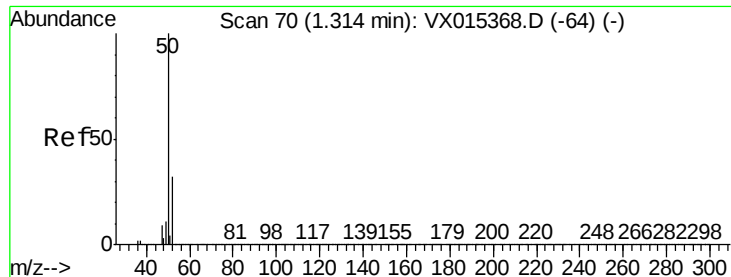
200000

100000

0

Time-->

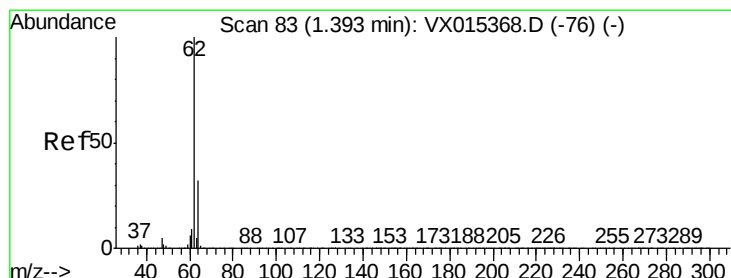
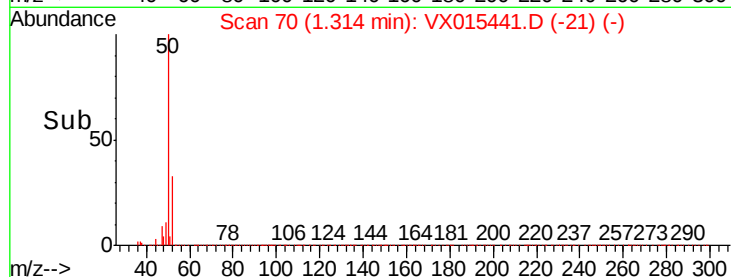
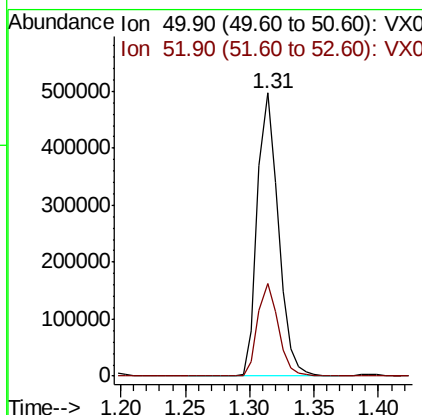
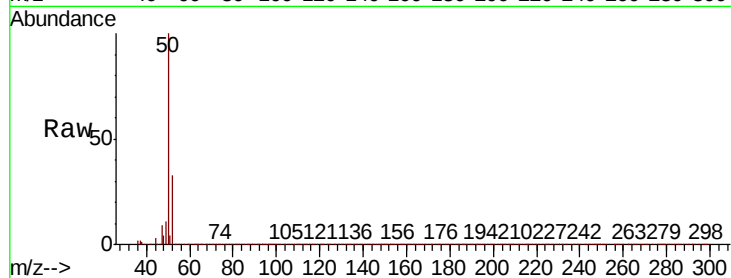




#3
Chloromethane
Concen: 53.804 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

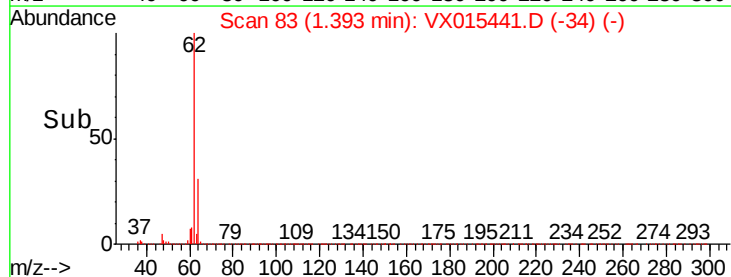
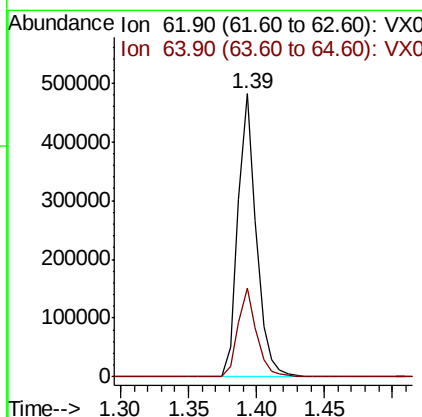
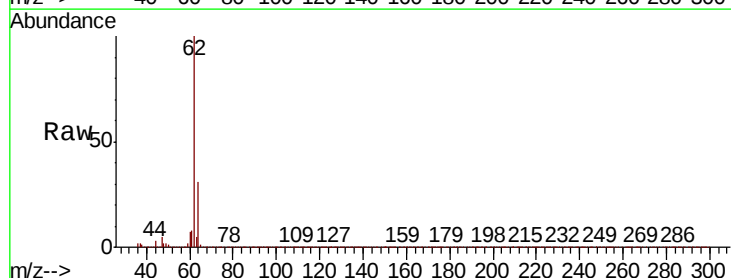
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 553773
Ion Ratio Lower Upper
50 100
52 32.7 25.3 37.9



#4
Vinyl Chloride
Concen: 48.166 ug/l
RT: 1.39 min Scan# 83
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Tgt Ion: 62 Resp: 455208
Ion Ratio Lower Upper
62 100
64 31.2 26.0 39.0





#5

Bromomethane

Concen: 63.696 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Instrument :

MSVOA_X

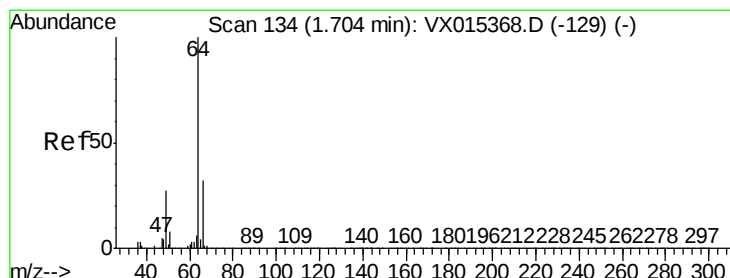
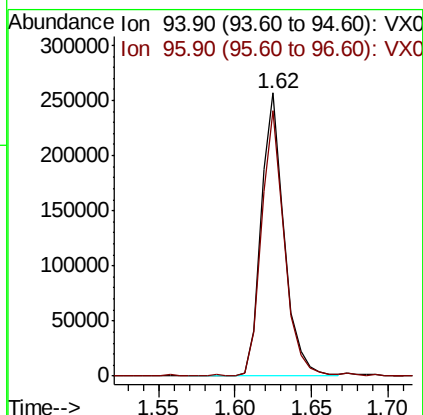
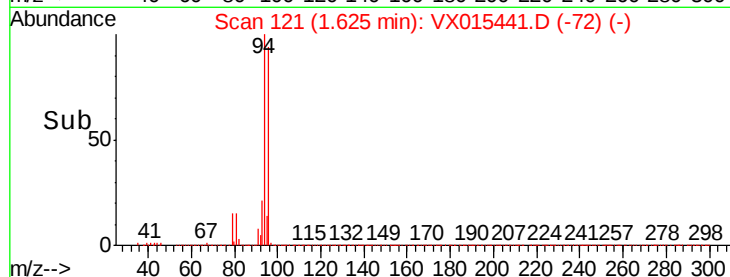
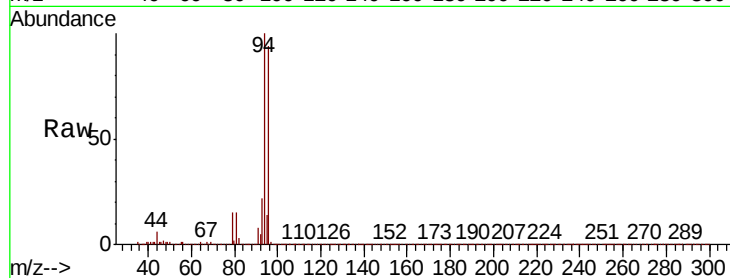
ClientSampleId :

Tot Ion: 94 Resp: 267837

Ion Ratio Lower Upper

94 100

96 93.6 74.8 112.2



#6

Chloroethane

Concen: 50.896 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015441.D

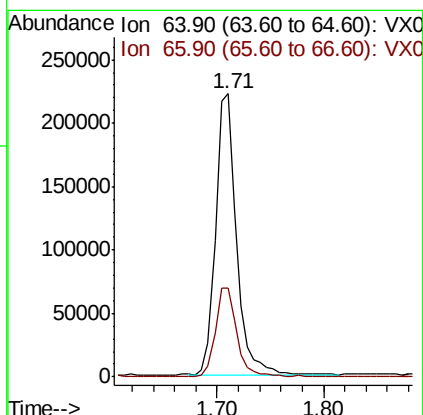
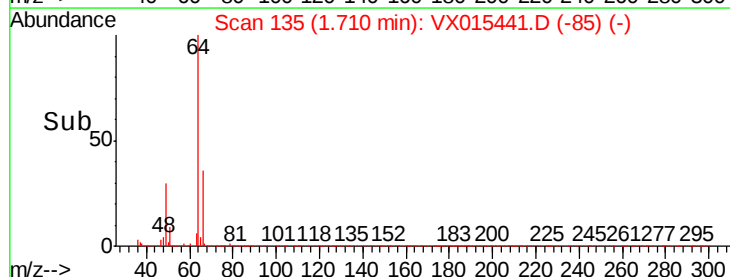
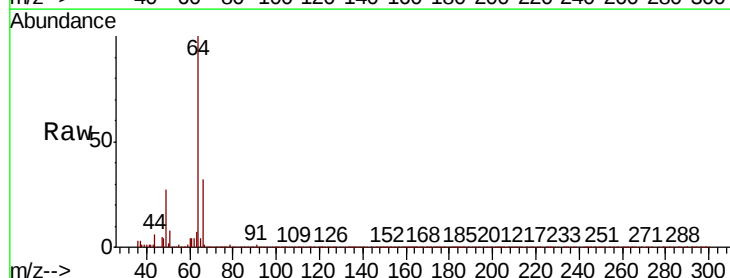
Acq: 30 Mar 2020 20:13

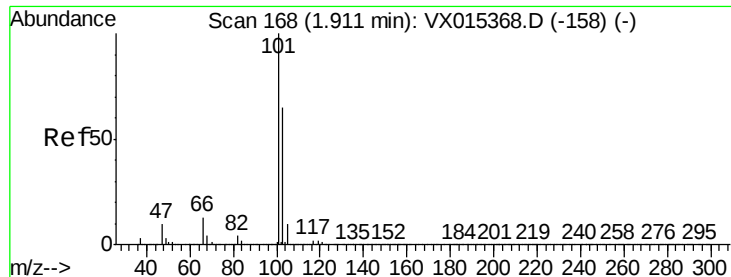
Tgt Ion: 64 Resp: 298322

Ion Ratio Lower Upper

64 100

66 31.6 25.4 38.2



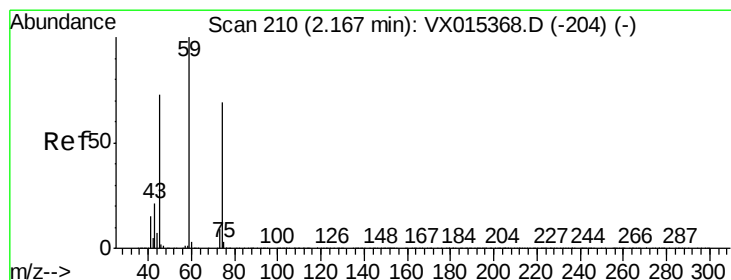
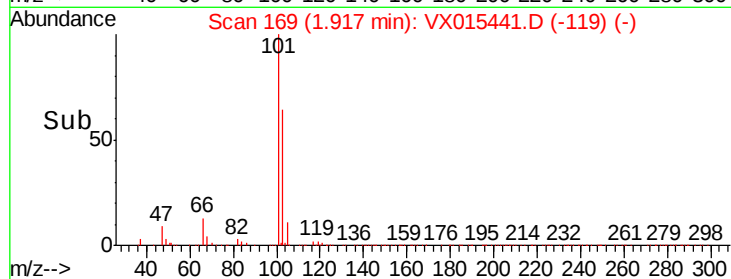
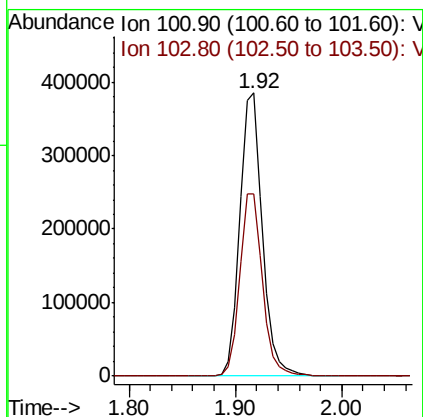
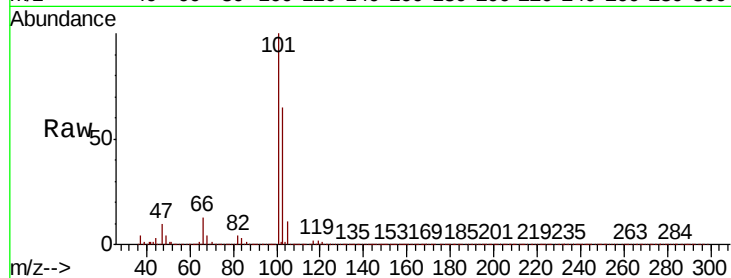


#7

Trichlorofluoromethane
Concen: 45.067 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :

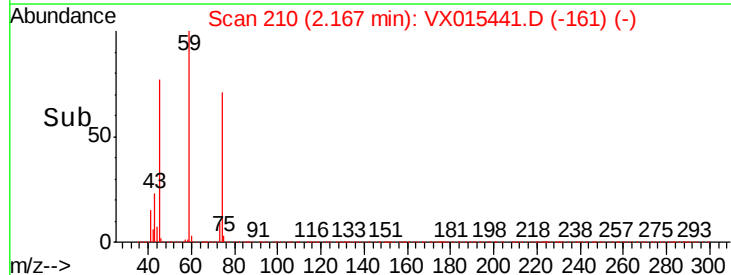
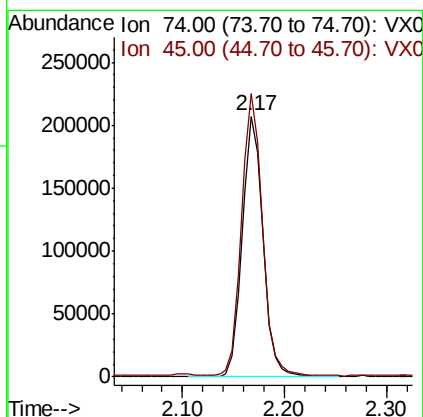
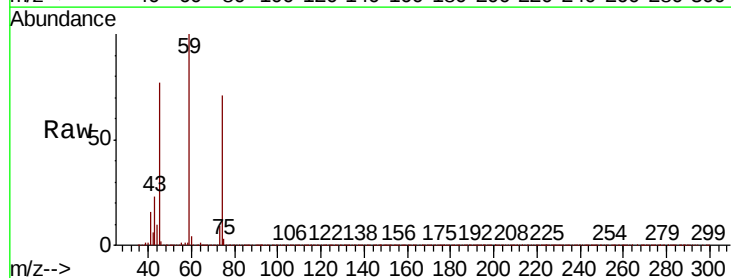
Tot Ion:101 Resp: 571195
Ion Ratio Lower Upper
101 100
103 64.5 52.3 78.5

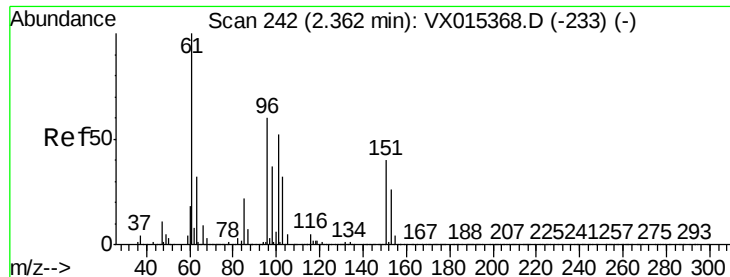


#8

Diethyl Ether
Concen: 53.814 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Tgt Ion: 74 Resp: 287684
Ion Ratio Lower Upper
74 100
45 110.0 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.195 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Instrument :

MSVOA_X

ClientSampled :

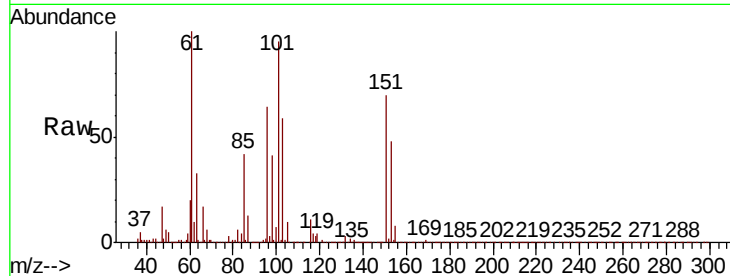
Tot Ion:101 Resp: 348635

Ion Ratio Lower Upper

101 100

85 45.1 35.0 52.4

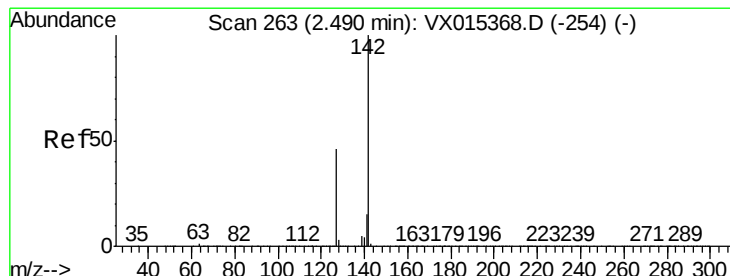
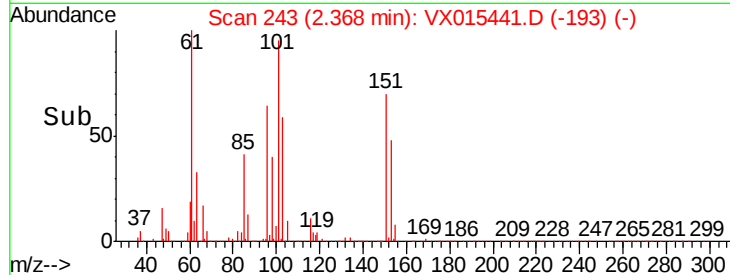
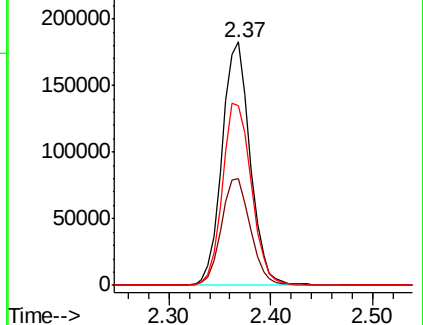
151 77.1 64.1 96.1



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: 47.223 ug/l

RT: 2.49 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

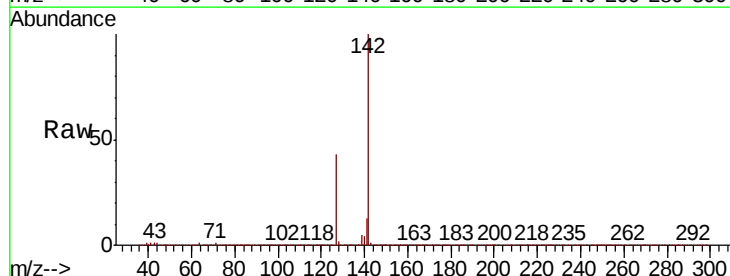
Tgt Ion:142 Resp: 526055

Ion Ratio Lower Upper

142 100

127 45.8 35.9 53.9

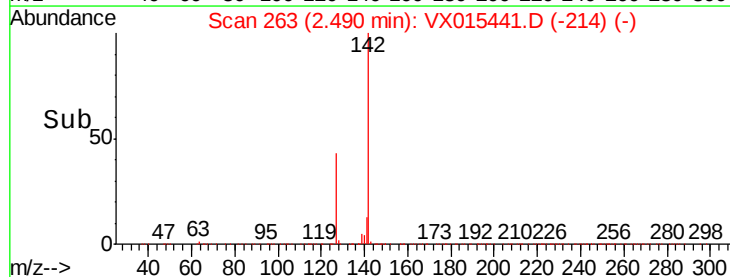
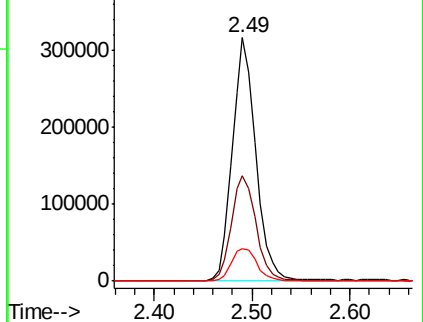
141 14.8 11.6 17.4

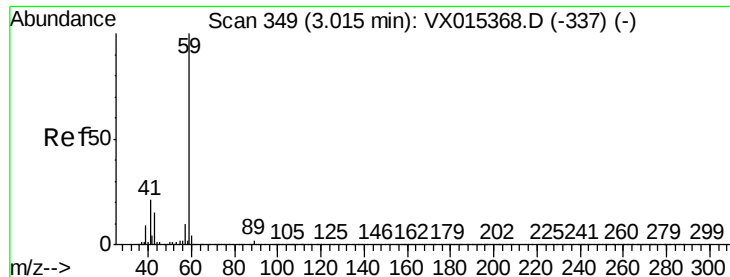


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

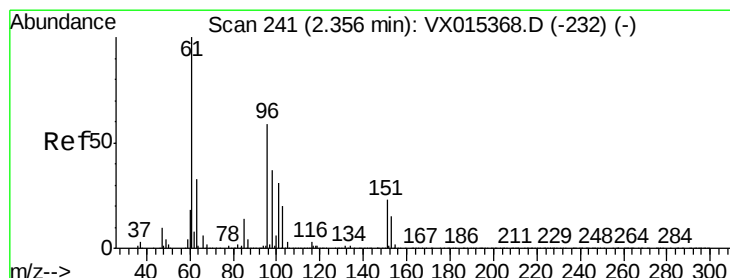
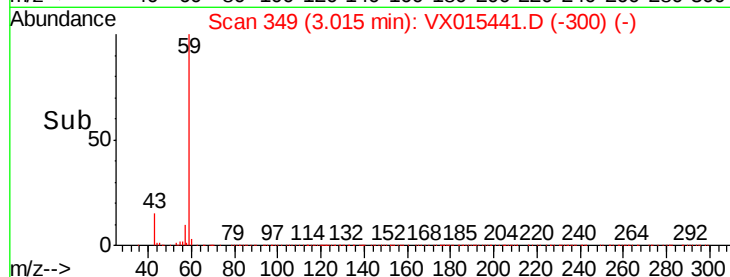
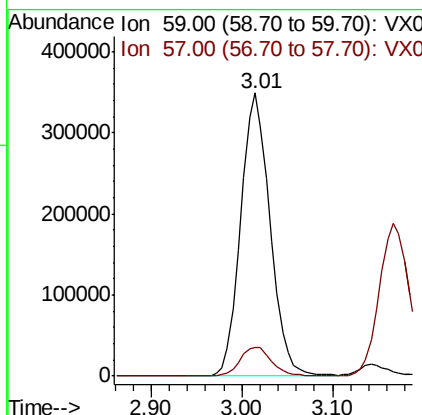
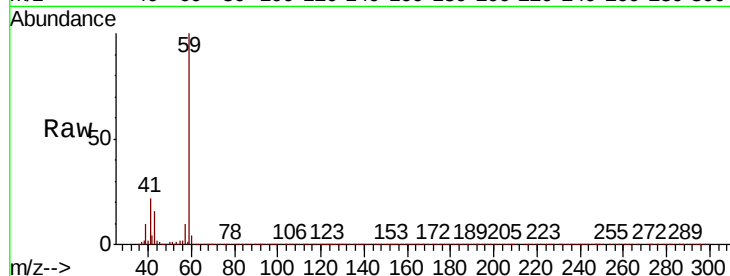




#11
Tert butyl alcohol
Concen: 252.451 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

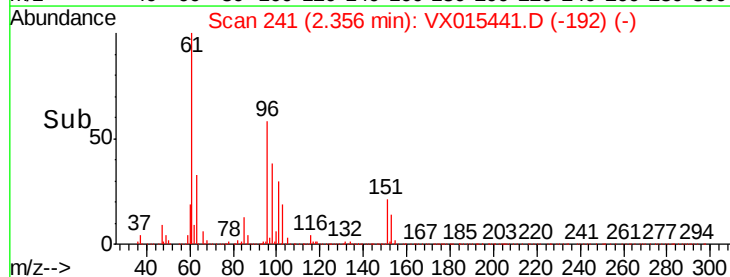
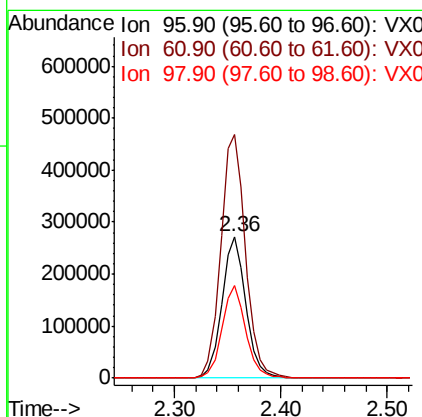
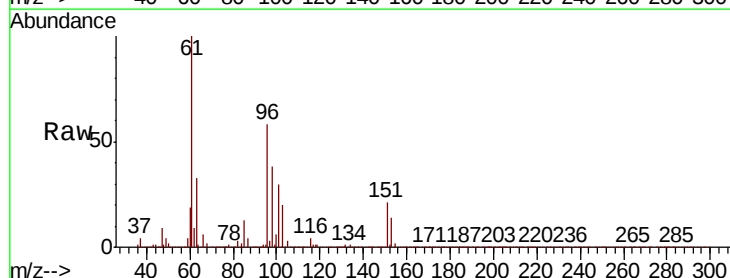
Instrument :
MSVOA_X
ClientSampled :

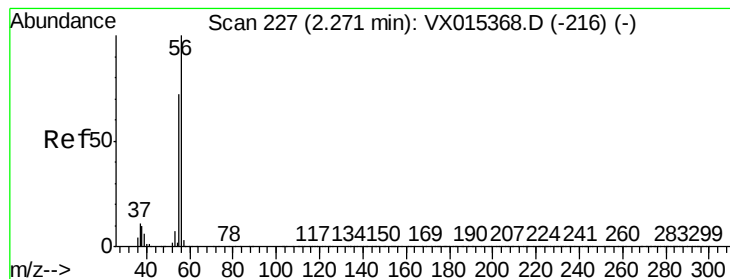
Tot Ion: 59 Resp: 781804
Ion Ratio Lower Upper
59 100
57 10.6 8.1 12.1



#12
1,1-Dichloroethene
Concen: 49.342 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Tgt Ion: 96 Resp: 427339
Ion Ratio Lower Upper
96 100
61 171.7 135.7 203.5
98 64.9 50.6 75.8





#13

Acrolein

Concen: 290.532 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Instrument :

MSVOA_X

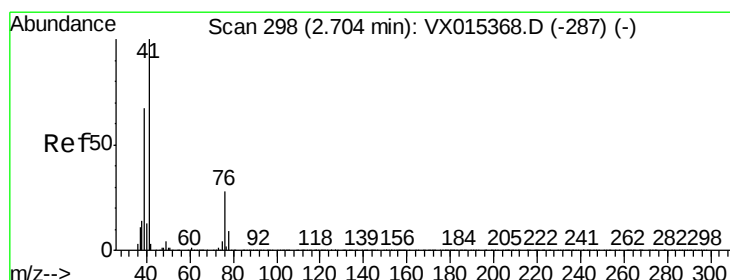
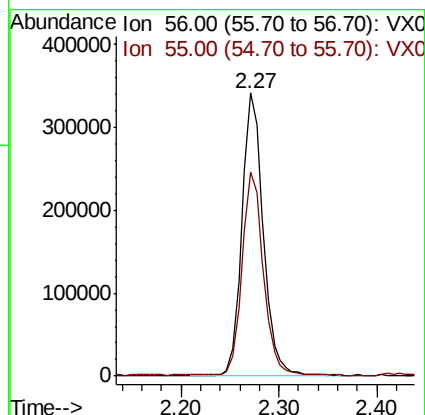
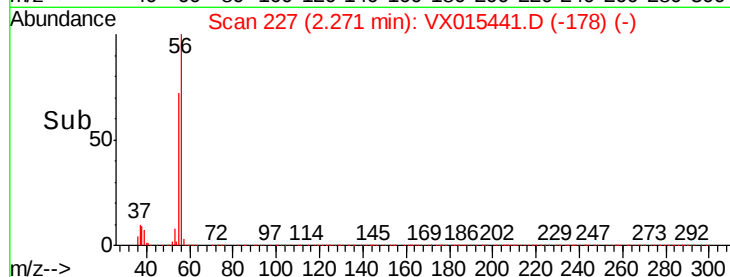
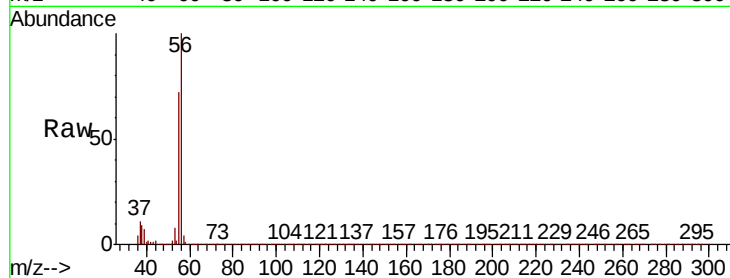
ClientSampleId :

Tot Ion: 56 Resp: 512528

Ion Ratio Lower Upper

56 100

55 72.0 57.0 85.4



#14

Allyl chloride

Concen: 54.255 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

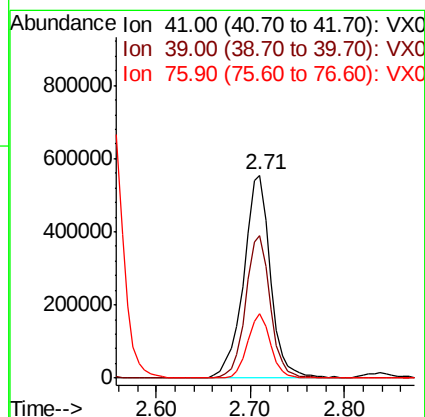
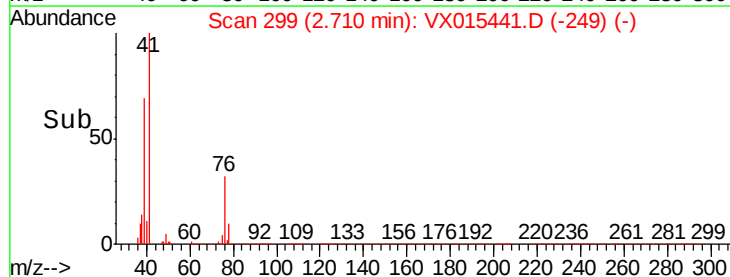
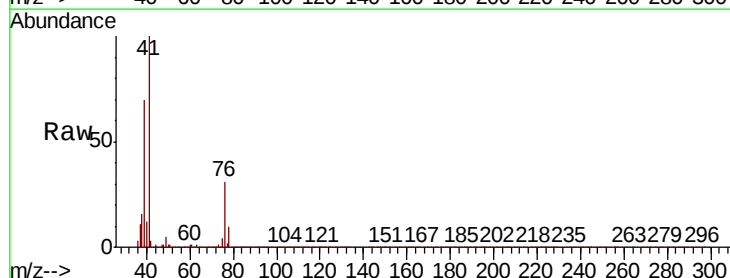
Tgt Ion: 41 Resp: 1097940

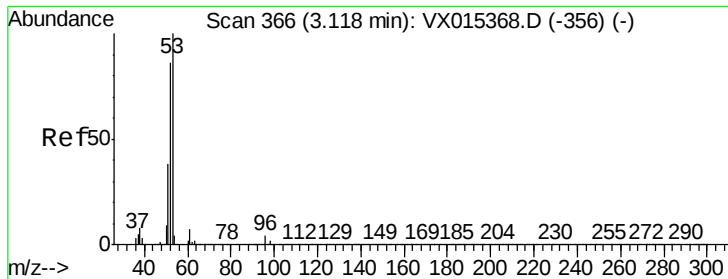
Ion Ratio Lower Upper

41 100

39 64.7 51.4 77.0

76 27.2 21.8 32.8





#15

Acrylonitrile

Concen: 282.405 ug/l

RT: 3.12 min Scan# 366

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Instrument :

MSVOA_X

ClientSampled :

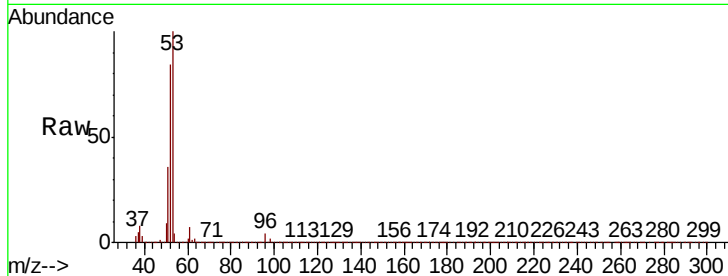
Tot Ion: 53 Resp: 1667860

Ion Ratio Lower Upper

53 100

52 83.2 66.8 100.2

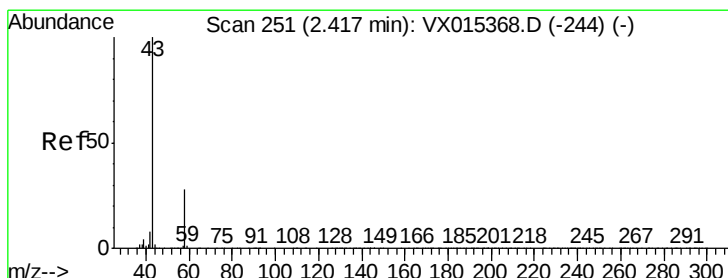
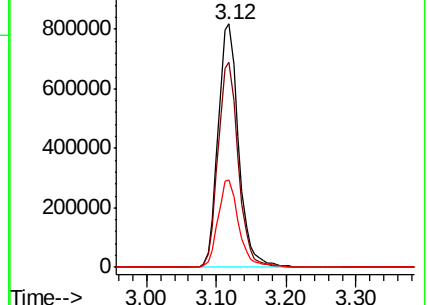
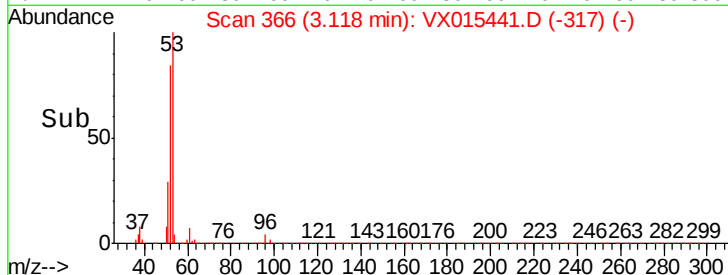
51 36.4 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VX015368.D (-356) (-)

Ion 52.00 (51.70 to 52.70): VX015368.D (-356) (-)

Ion 51.00 (50.70 to 51.70): VX015368.D (-356) (-)



#16

Acetone

Concen: 273.740 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.00 min

Lab File: VX015441.D

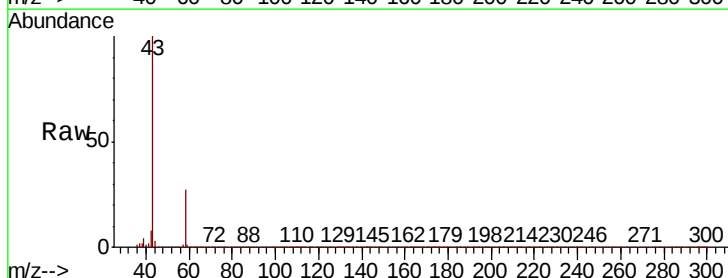
Acq: 30 Mar 2020 20:13

Tgt Ion: 43 Resp: 1521607

Ion Ratio Lower Upper

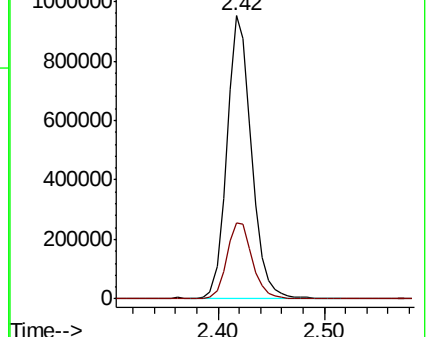
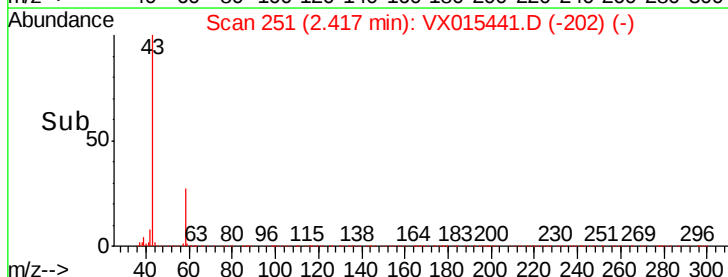
43 100

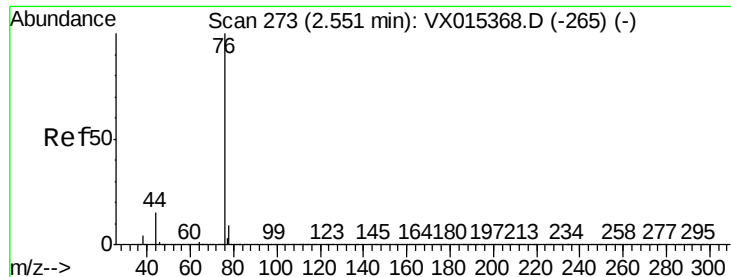
58 26.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX015368.D (-244) (-)

Ion 58.00 (57.70 to 58.70): VX015368.D (-244) (-)

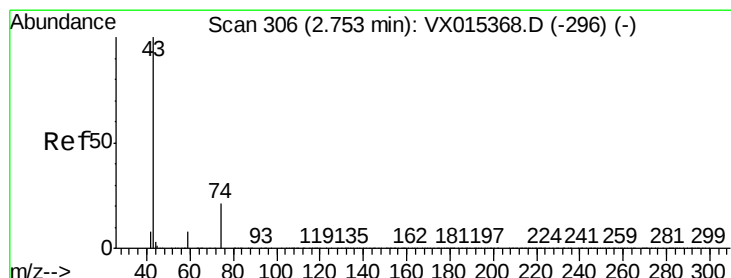
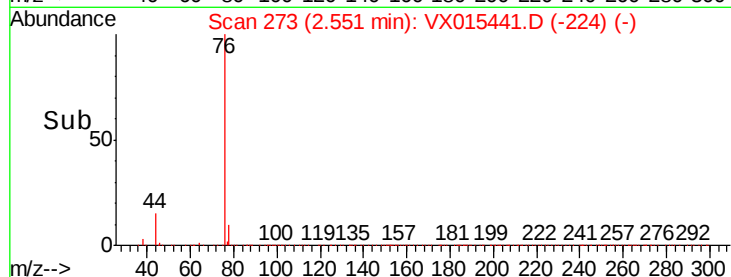
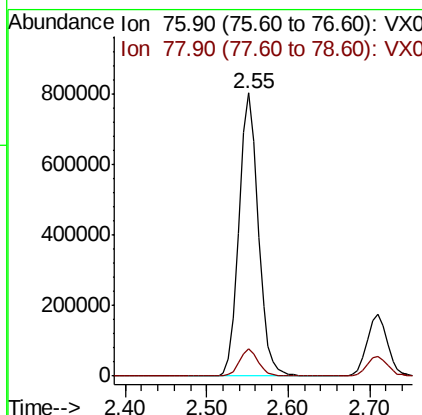
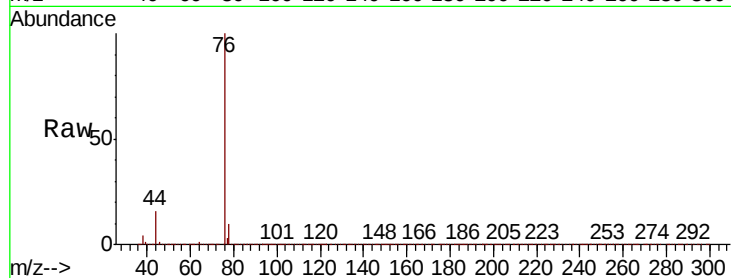




#17
Carbon Disulfide
Concen: 49.094 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

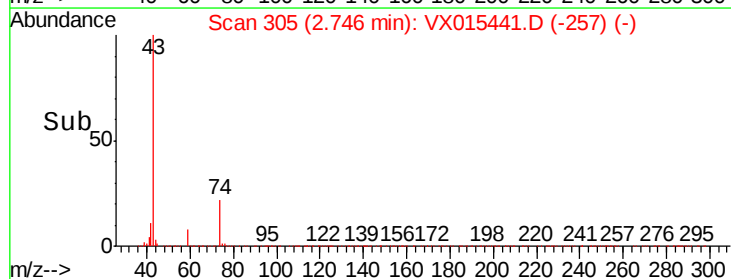
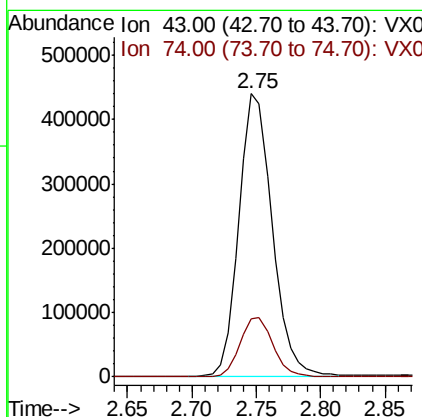
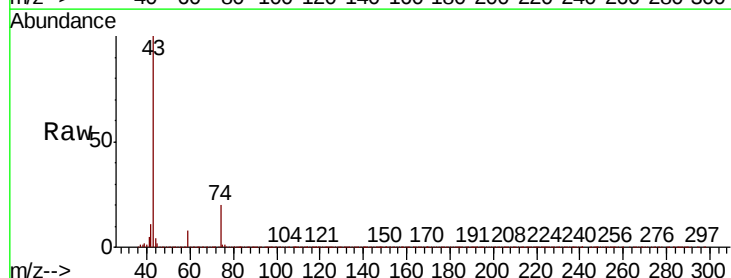
Instrument :
MSVOA_X
ClientSampleId :

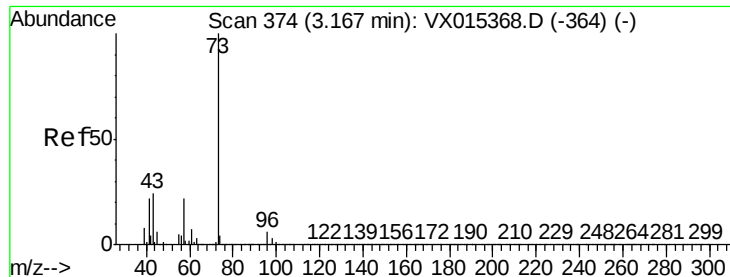
Tot Ion: 76 Resp: 1297090
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7



#18
Methyl Acetate
Concen: 55.316 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Tgt Ion: 43 Resp: 784775
Ion Ratio Lower Upper
43 100
74 21.3 16.5 24.7

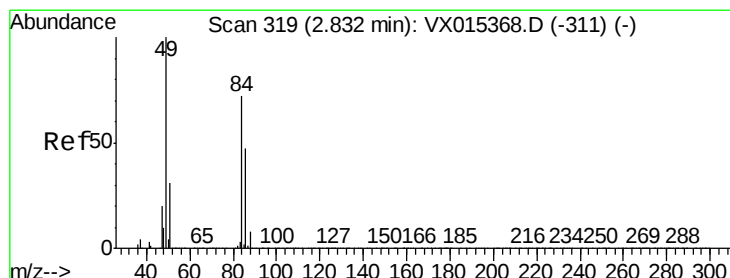
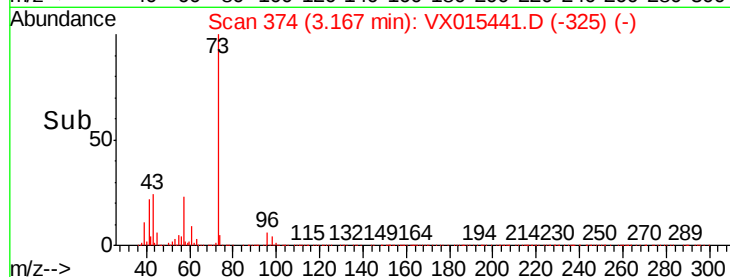
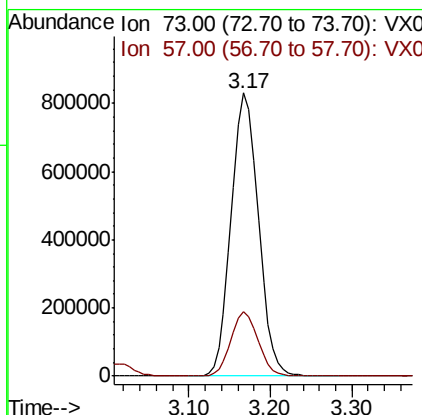
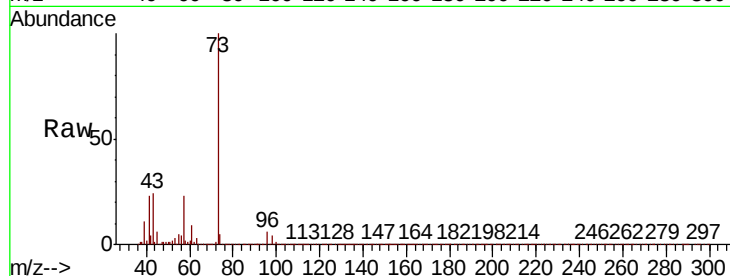




#19
Methyl tert-butyl Ether
Concen: 57.216 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

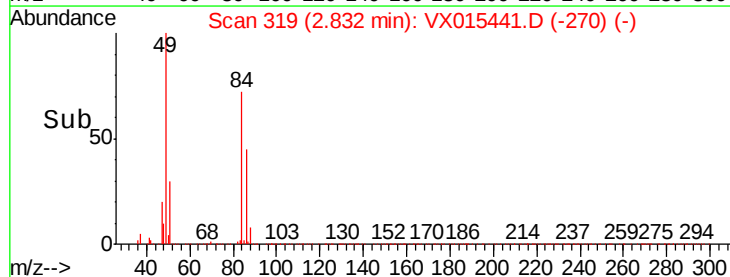
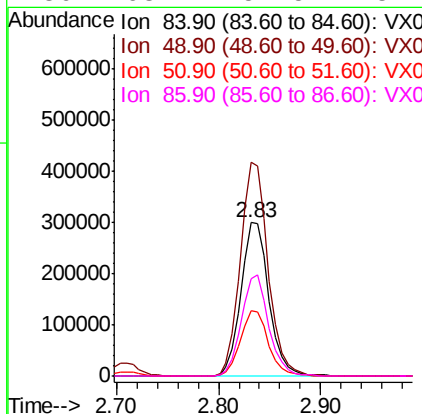
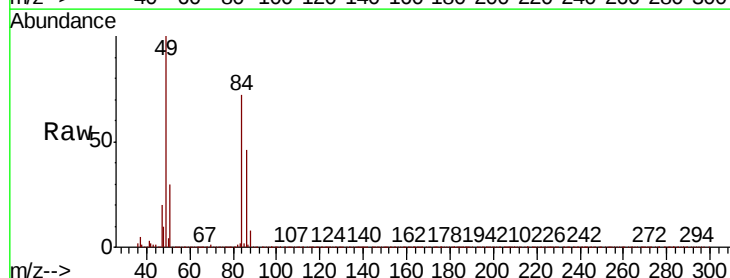
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 73 Resp: 1921888
Ion Ratio Lower Upper
73 100
57 22.6 17.9 26.9



#20
Methylene Chloride
Concen: 54.558 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Tgt Ion: 84 Resp: 566458
Ion Ratio Lower Upper
84 100
49 138.9 111.3 166.9
51 42.0 34.0 51.0
86 63.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 51.822 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

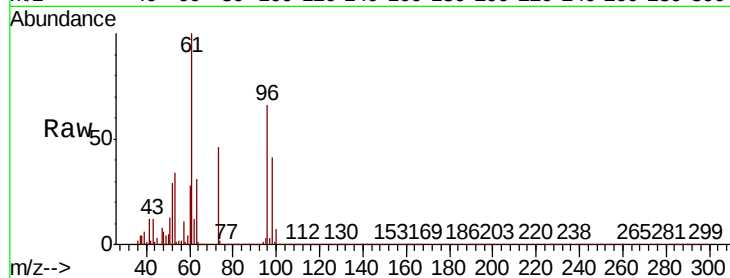
Tot Ion: 96 Resp: 498103

Ion Ratio Lower Upper

96 100

61 151.9 116.9 175.3

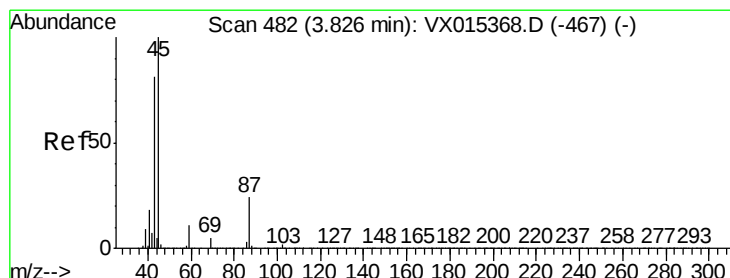
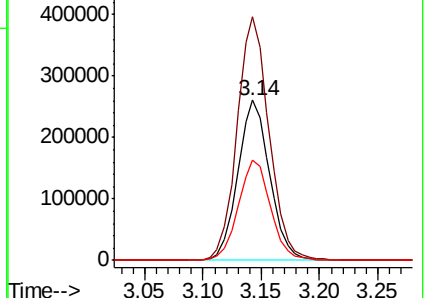
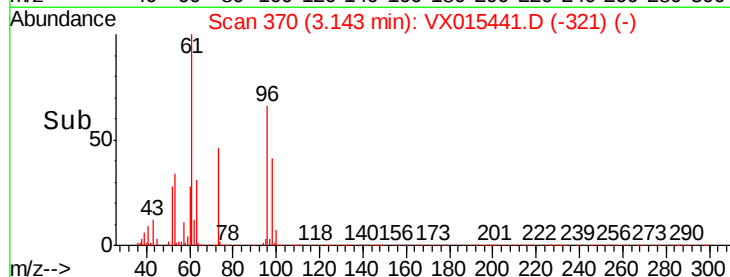
98 62.6 48.6 73.0



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: 57.484 ug/l

RT: 3.83 min Scan# 482

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Tgt Ion: 45 Resp: 2061340

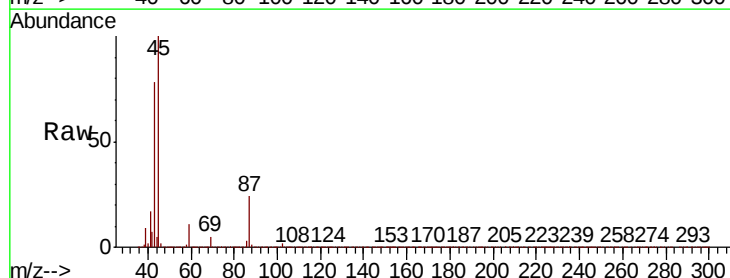
Ion Ratio Lower Upper

45 100

43 77.7 64.7 97.1

87 24.1 19.4 29.0

59 10.6 8.7 13.1

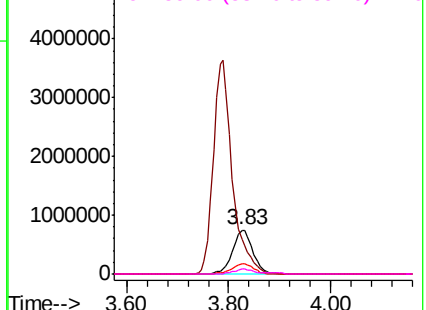
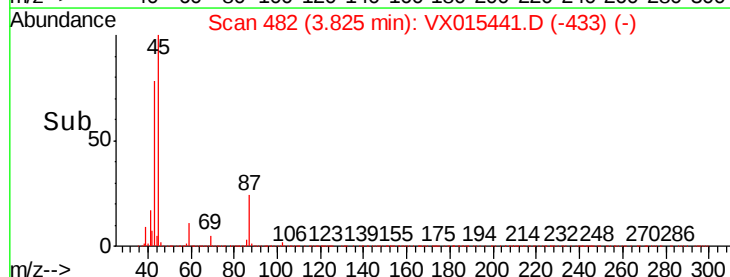


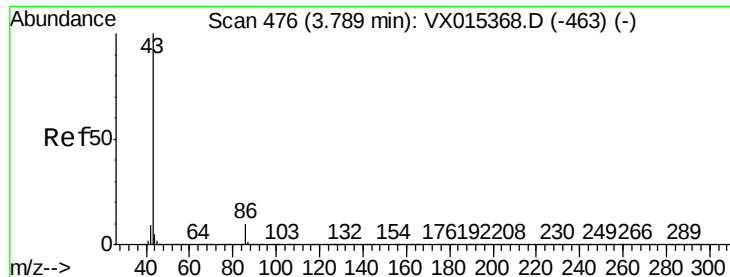
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 289.771 ug/l

RT: 3.79 min Scan# 476

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

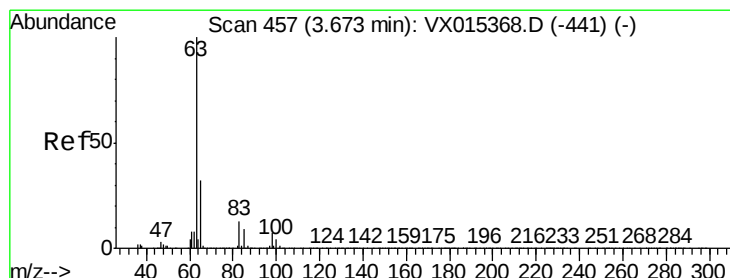
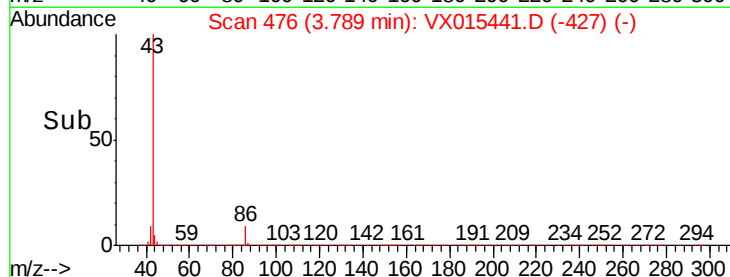
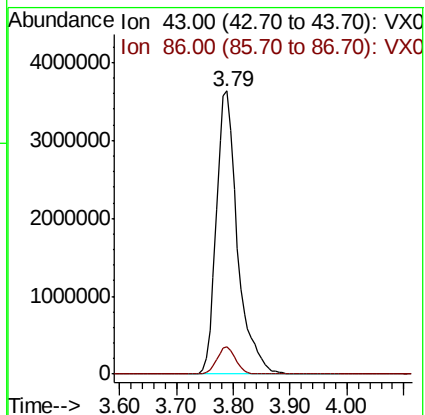
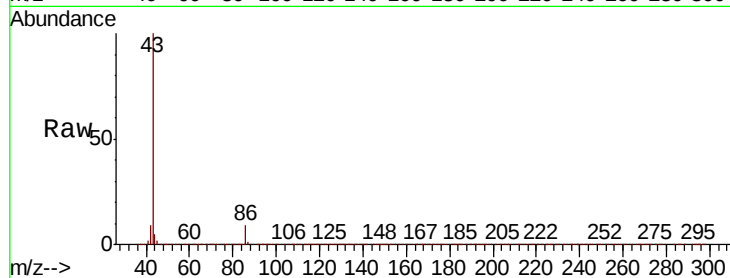
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 9408030

Ion Ratio Lower Upper

43 100

86 9.5 7.8 11.6



#24

1,1-Dichloroethane

Concen: 54.289 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

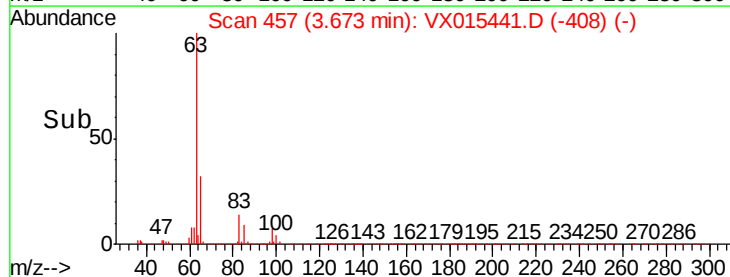
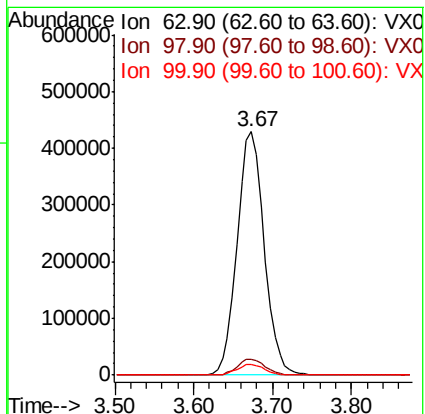
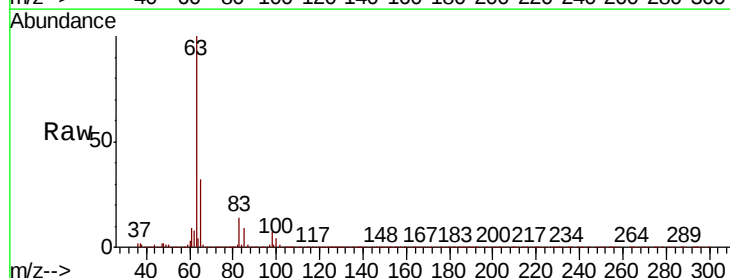
Tgt Ion: 63 Resp: 1024988

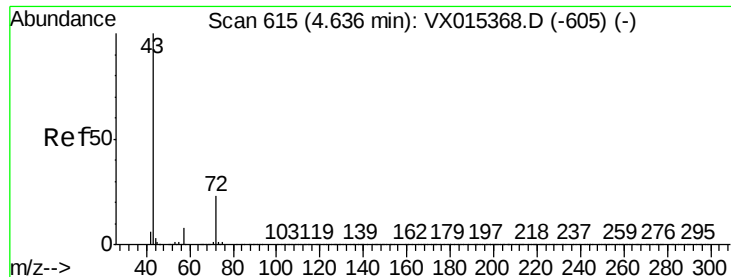
Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

100 4.1 2.1 6.5

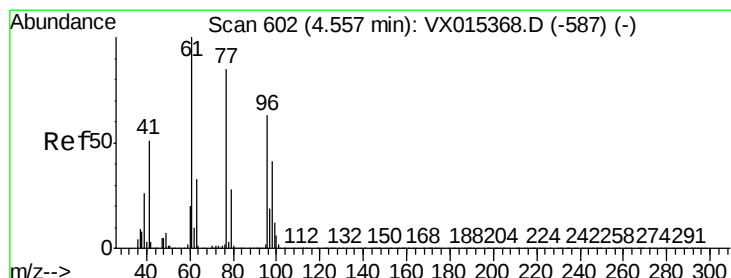
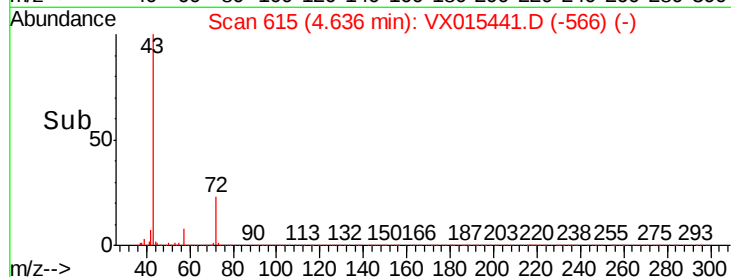
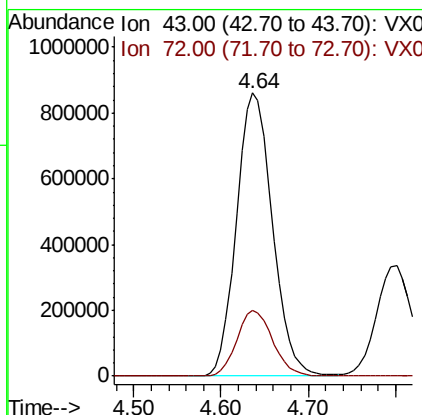
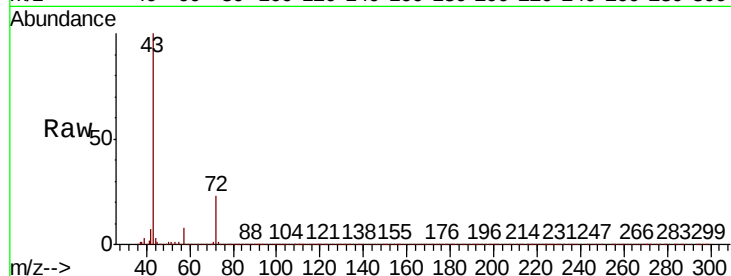




#25
2-Butanone
Concen: 273.533 ug/l
RT: 4.64 min Scan# 615
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

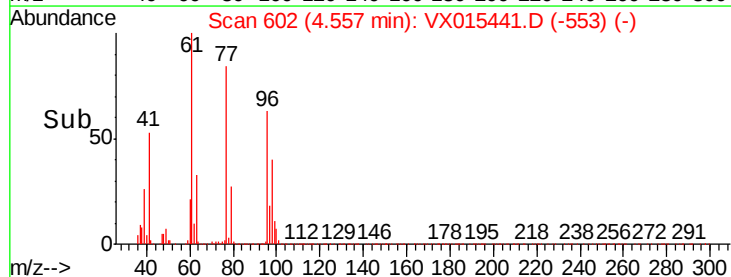
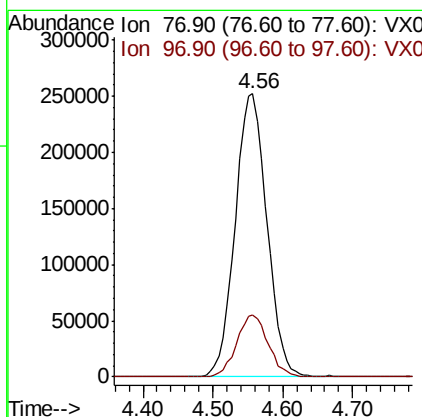
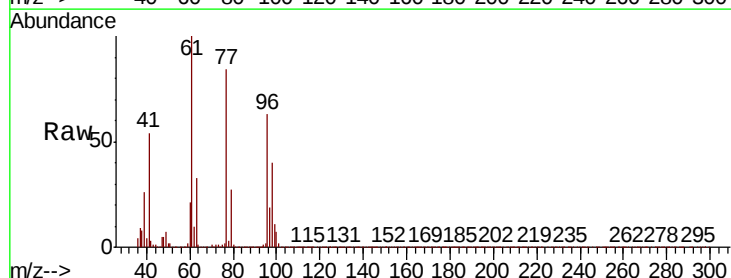
Instrument :
MSVOA_X
ClientSampleId :

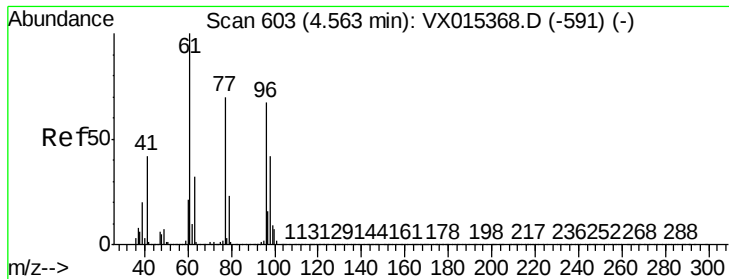
Tot Ion: 43 Resp: 2445211
Ion Ratio Lower Upper
43 100
72 23.1 19.0 28.4



#26
2,2-Dichloropropane
Concen: 51.091 ug/l
RT: 4.56 min Scan# 602
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Tgt Ion: 77 Resp: 791775
Ion Ratio Lower Upper
77 100
97 21.7 11.3 33.8



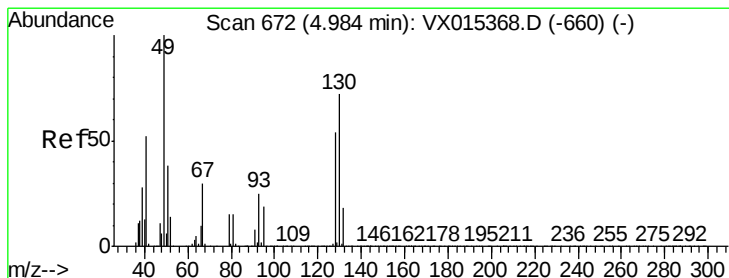
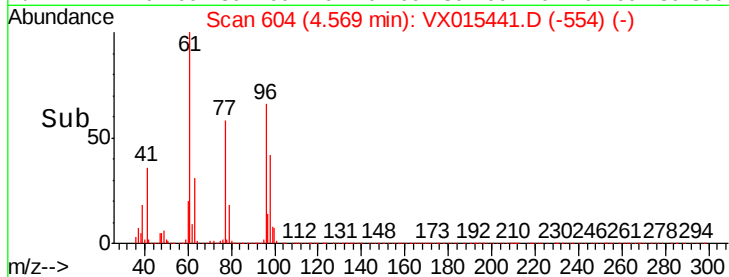
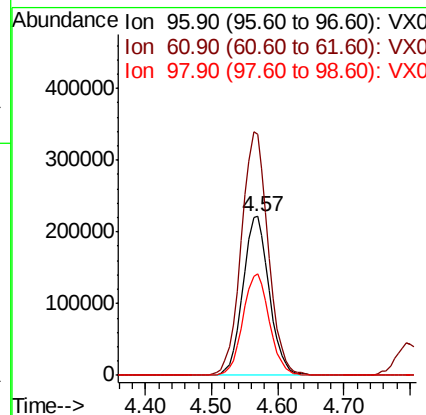
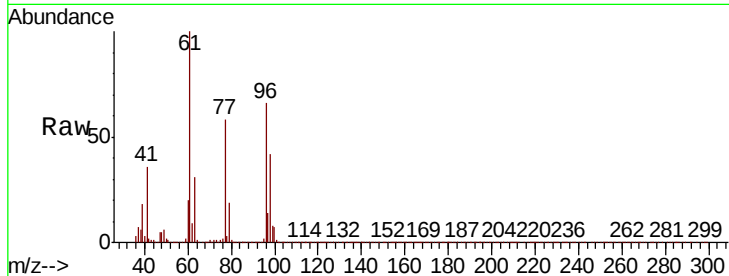


#27

cis-1,2-Dichloroethene
 Concen: 54.845 ug/l
 RT: 4.57 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: VX015441.D
 Acq: 30 Mar 2020 20:13

Instrument :
 MSVOA_X
 ClientSampleId :

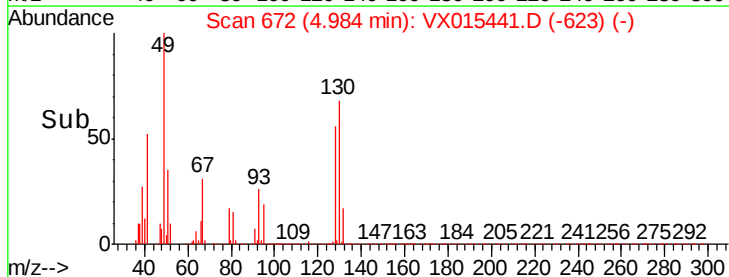
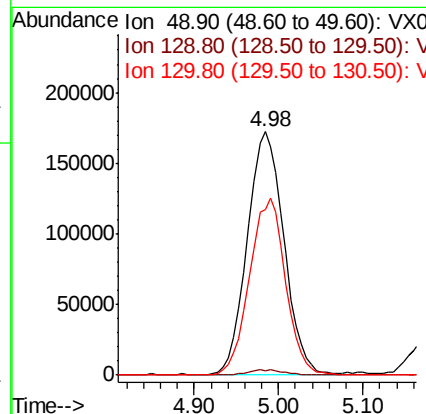
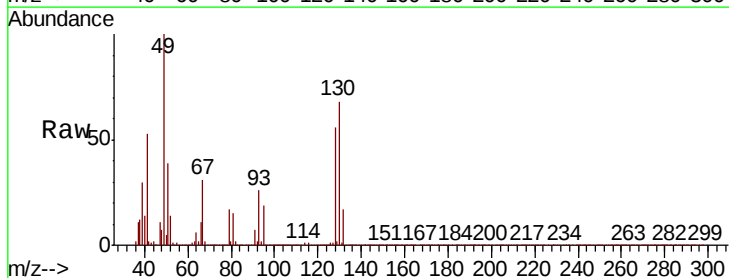
Tot Ion	Ratio	Lower	Upper
96	100		
61	156.5	0.0	308.4
98	64.3	0.0	129.2

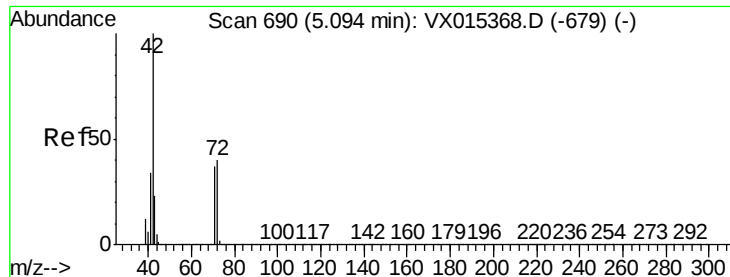


#28

Bromochloromethane
 Concen: 56.316 ug/l
 RT: 4.98 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: VX015441.D
 Acq: 30 Mar 2020 20:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	71.3	57.7	86.5





#29

Tetrahydrofuran

Concen: 277.084 ug/l

RT: 5.09 min Scan# 690

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

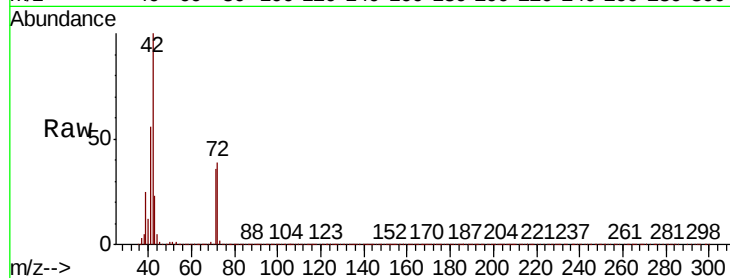
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 42 Resp: 1592367

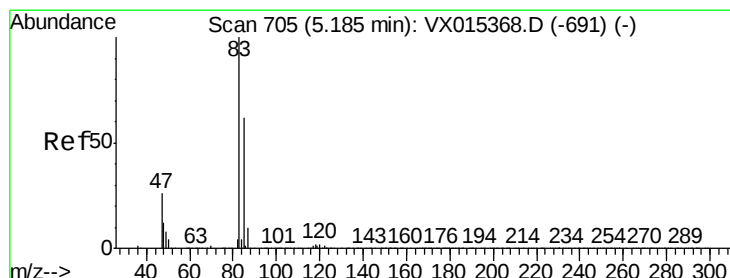
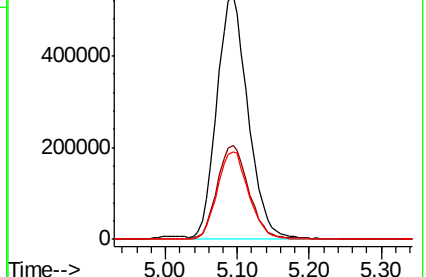
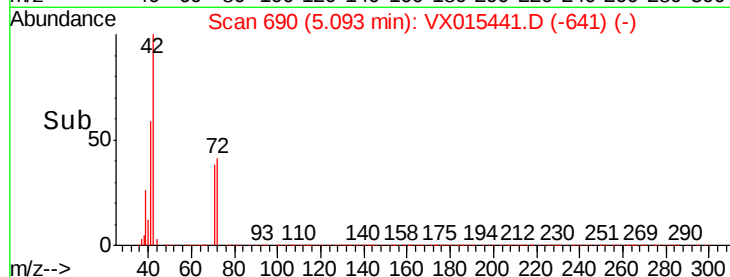
Ion	Ratio	Lower	Upper
42	100		
72	39.6	31.7	47.5
71	36.3	29.6	44.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 55.510 ug/l

RT: 5.18 min Scan# 704

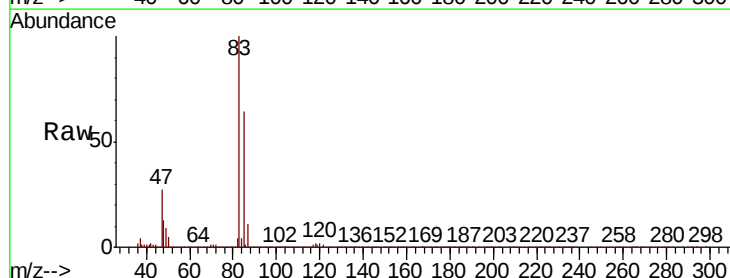
Delta R.T. -0.01 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

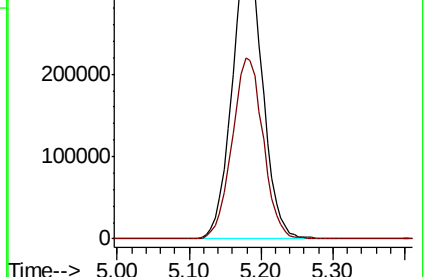
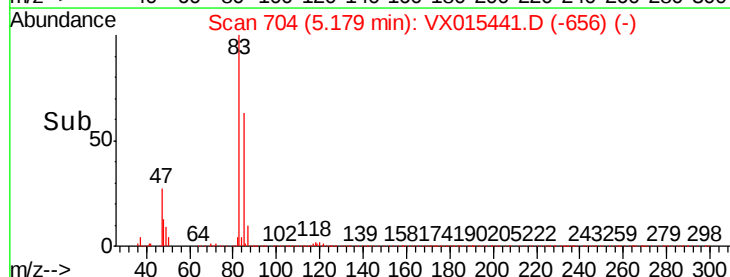
Tgt Ion: 83 Resp: 1008313

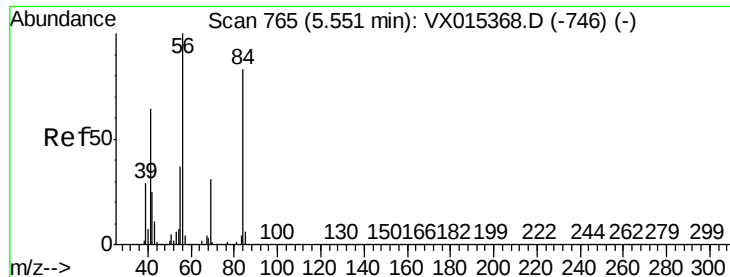
Ion	Ratio	Lower	Upper
83	100		
85	63.7	49.5	74.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

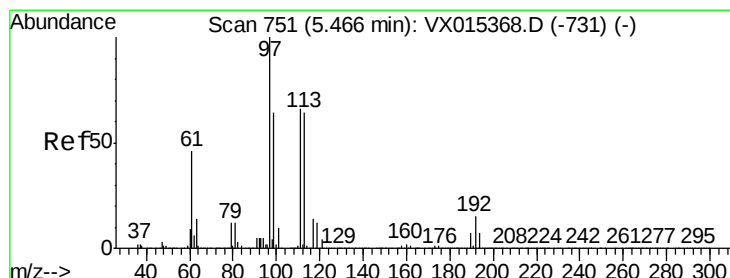
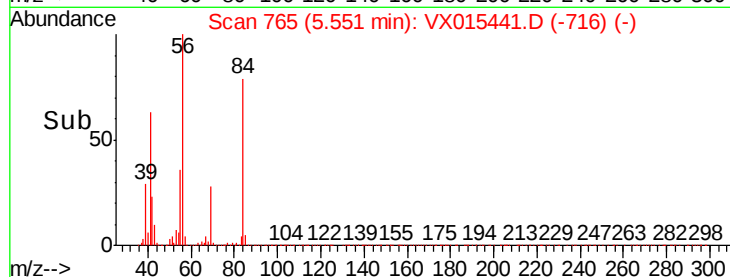
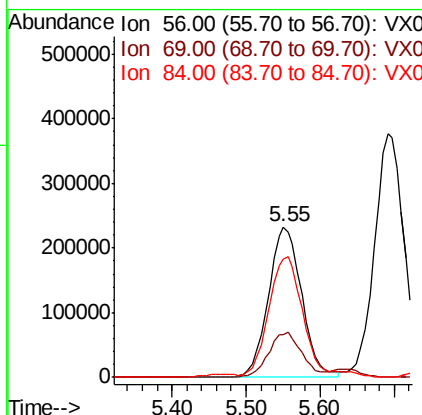
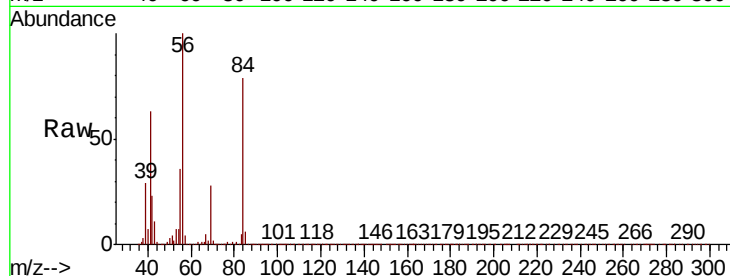




#31
Cvclohexane
Concen: 44.020 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

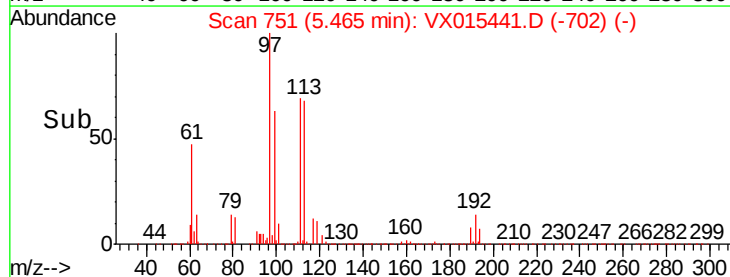
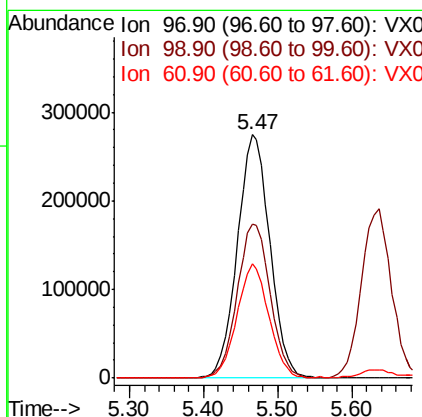
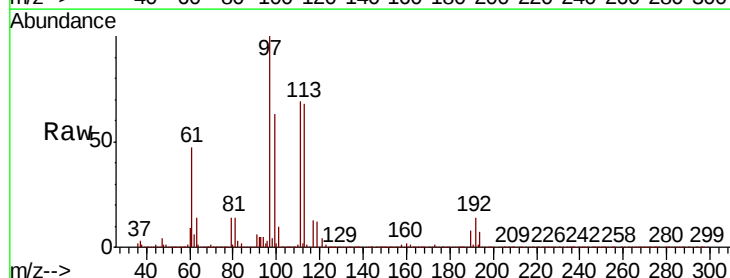
Instrument :
MSVOA_X
ClientSampleId :

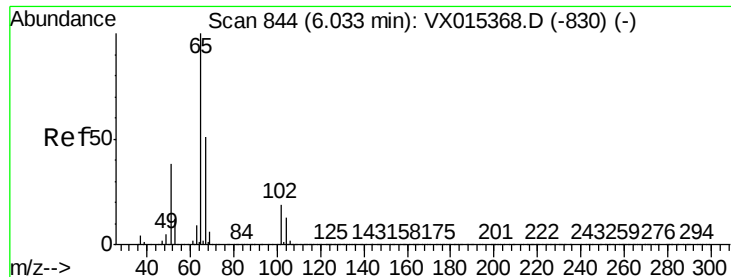
Tot Ion: 56 Resp: 720987
Ion Ratio Lower Upper
56 100
69 27.6 24.6 36.8
84 78.2 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 51.196 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Tgt Ion: 97 Resp: 841605
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.4
61 46.0 36.1 54.1

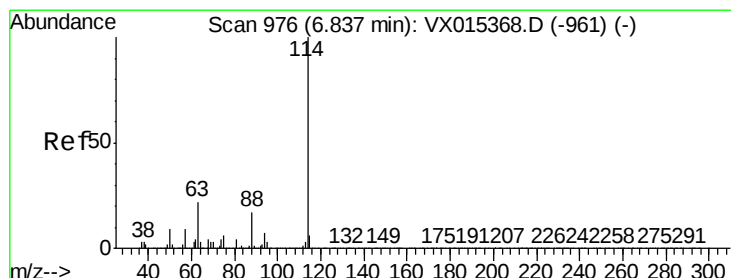
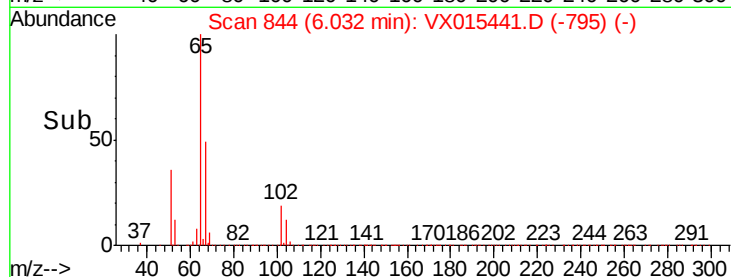
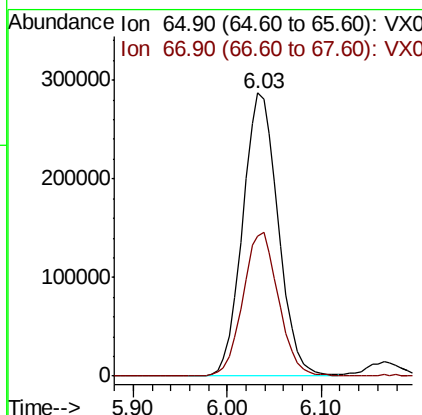
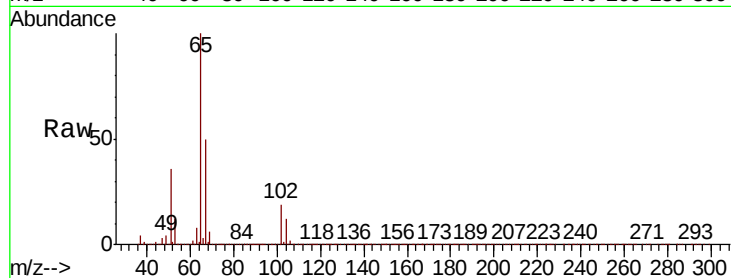




#33
 1,2-Dichloroethane-d4
 Concen: 58.267 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: VX015441.D
 Acq: 30 Mar 2020 20:13

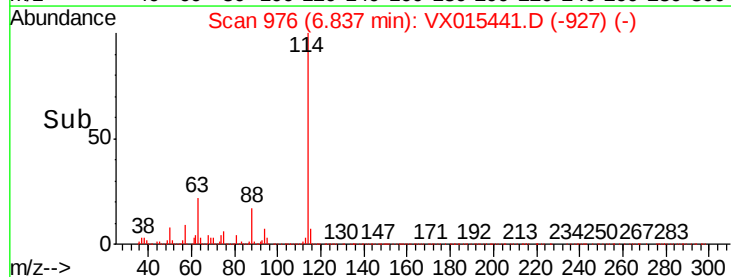
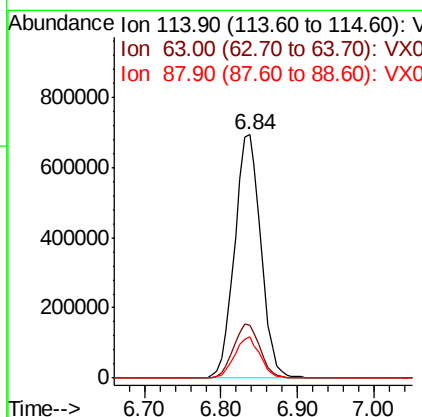
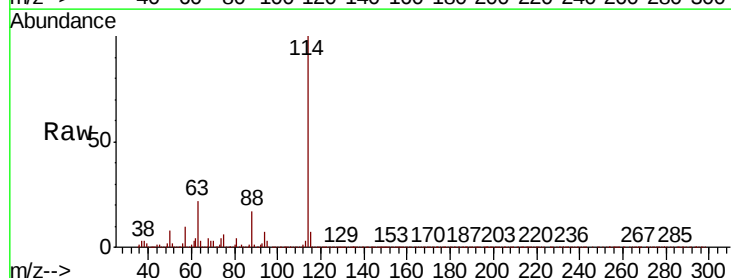
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 65 Resp: 753873
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: VX015441.D
 Acq: 30 Mar 2020 20:13

Tgt Ion: 114 Resp: 1642981
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 44.2
 88 16.8 0.0 33.8





#35

Dibromofluoromethane

Concen: 51.500 ug/l

RT: 5.47 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :

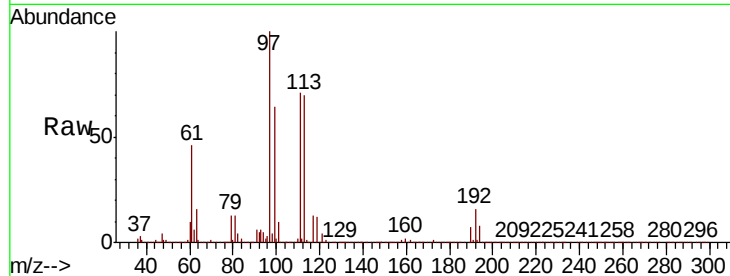
Tot Ion:113 Resp: 540869

Ion Ratio Lower Upper

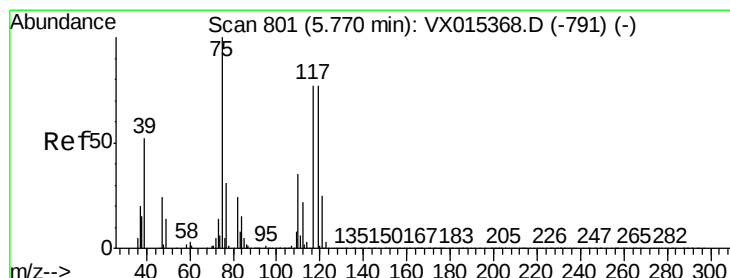
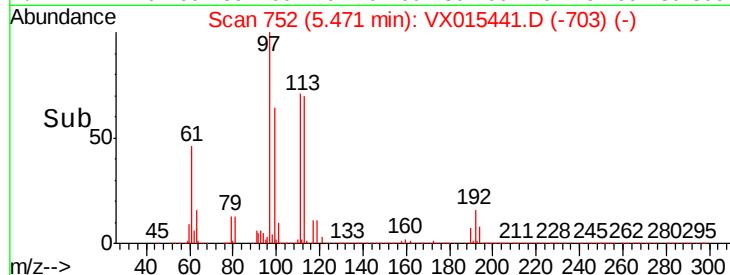
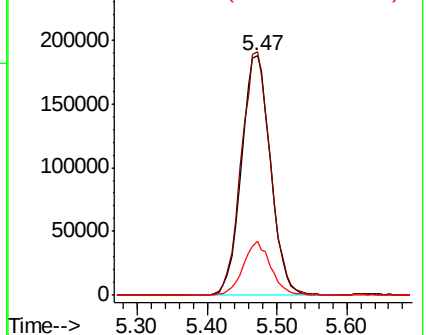
113 100

111 101.2 81.5 122.3

192 21.4 17.8 26.6



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



#36

1,1-Dichloropropene

Concen: 44.051 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.01 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

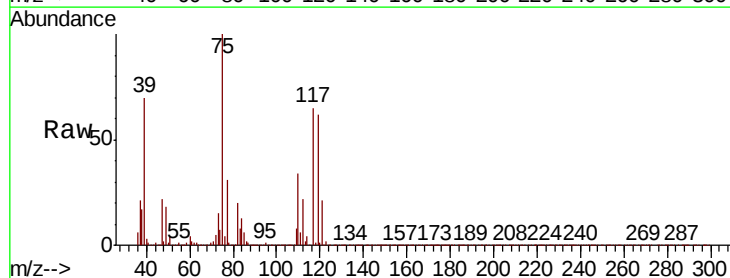
Tgt Ion: 75 Resp: 666849

Ion Ratio Lower Upper

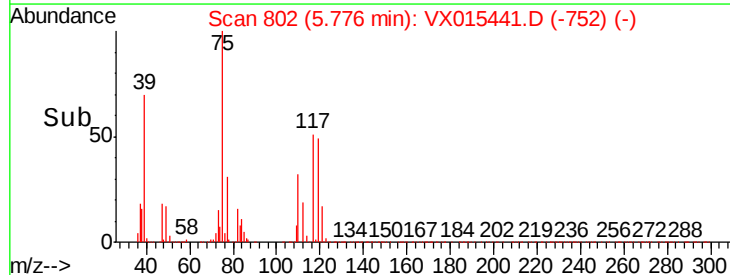
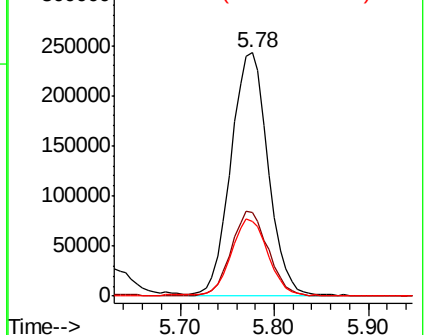
75 100

110 34.7 17.1 51.3

77 31.1 24.6 36.8



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

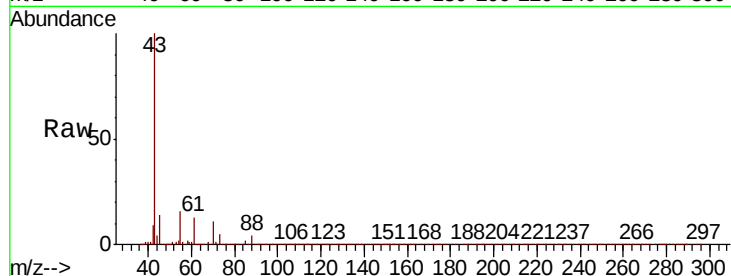




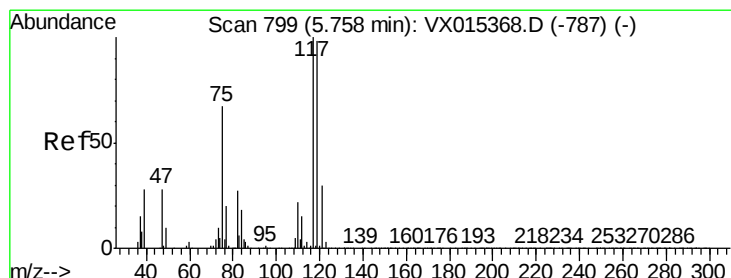
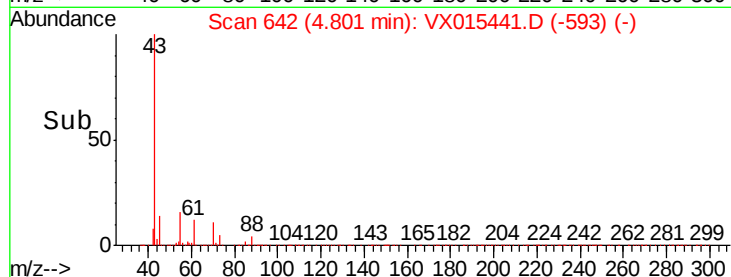
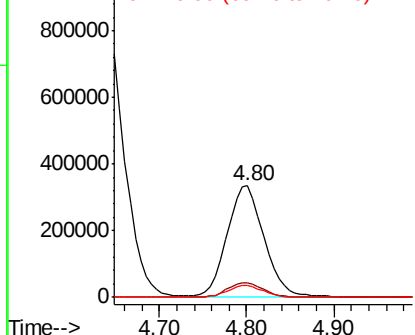
#37
Ethyl Acetate
Concen: 49.261 ug/l
RT: 4.80 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 970981
Ion Ratio Lower Upper
43 100
61 12.6 9.9 14.9
70 10.4 8.1 12.1

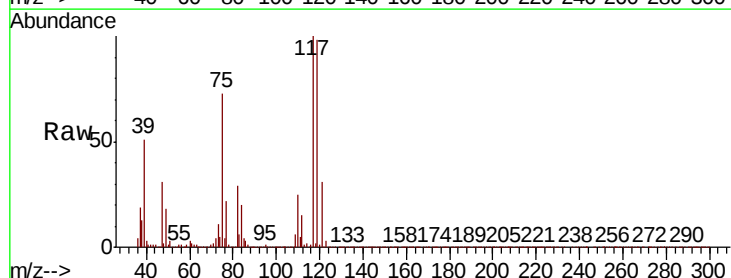


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

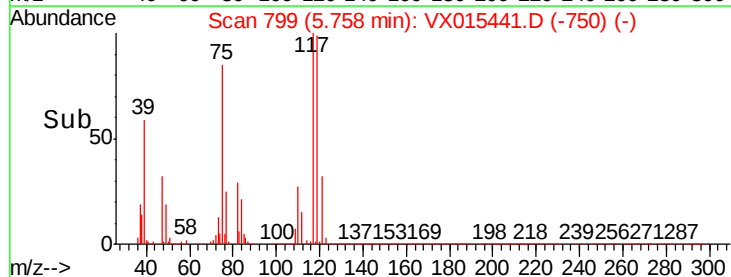
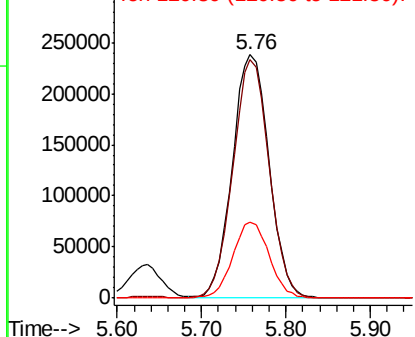


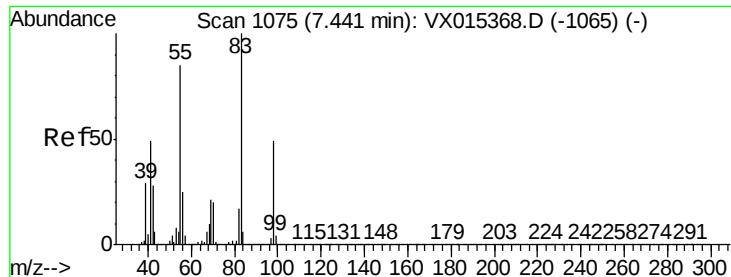
#38
Carbon Tetrachloride
Concen: 42.631 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Tgt Ion: 117 Resp: 698998
Ion Ratio Lower Upper
117 100
119 97.9 78.0 117.0
121 31.4 23.8 35.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

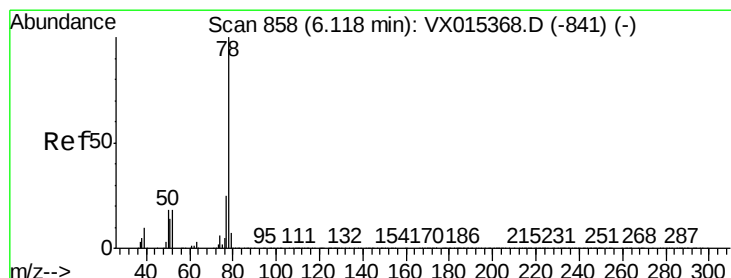
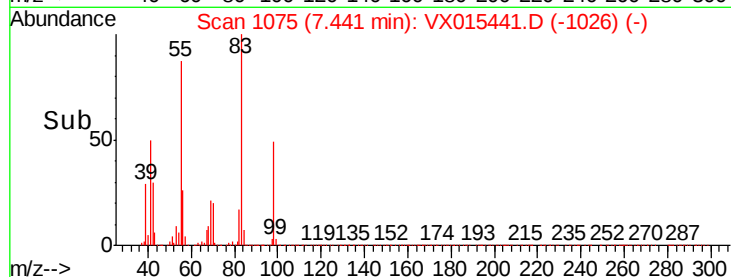
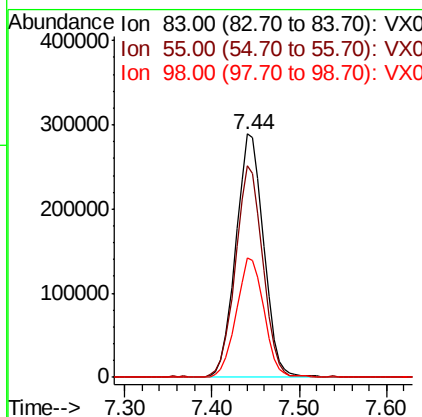
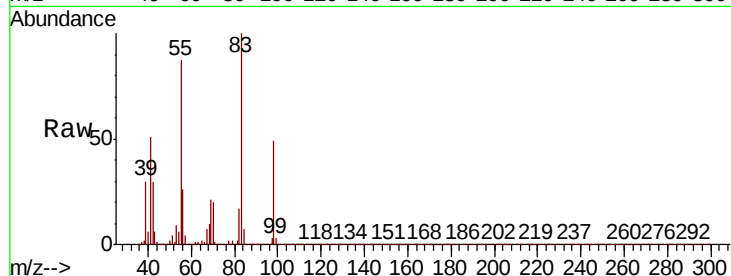




#39
Methvlcvclohexane
Concen: 36.598 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

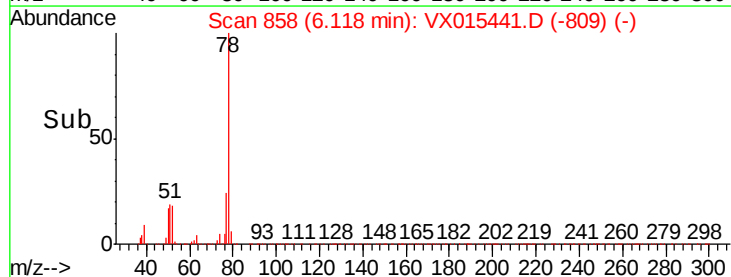
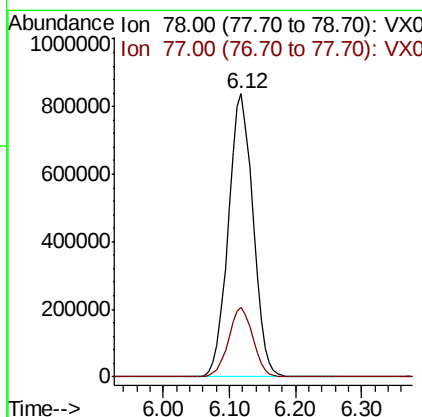
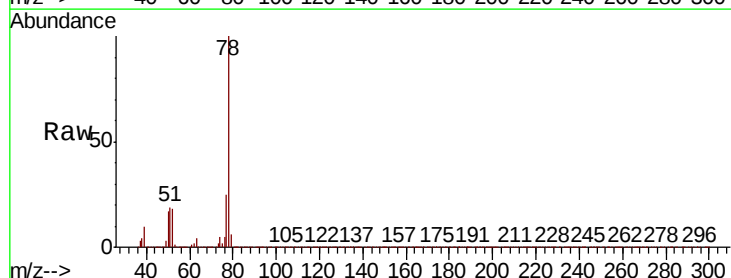
Instrument :
MSVOA_X
ClientSampleId :

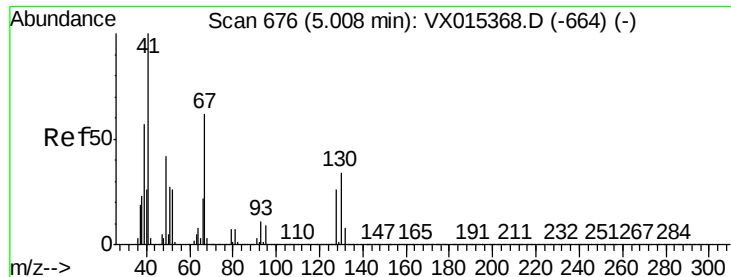
Tot Ion	Ratio	Lower	Upper
83	100		
55	86.9	67.8	101.6
98	49.2	39.3	58.9



#40
Benzene
Concen: 49.001 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.8	29.8

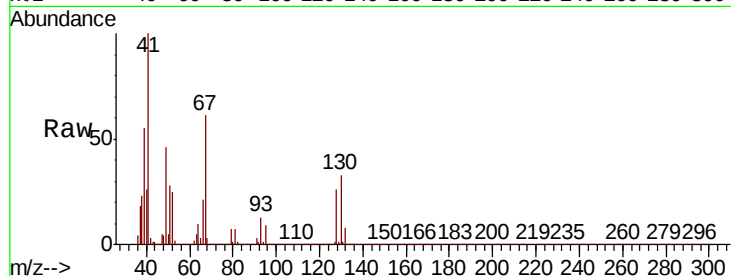




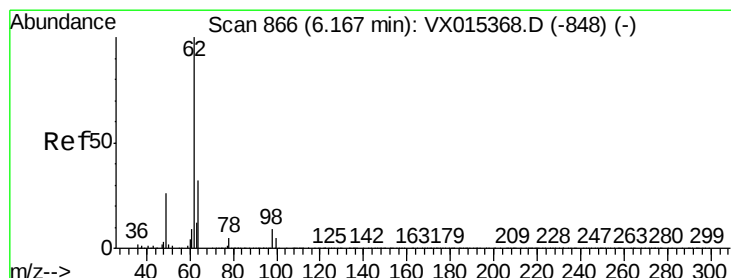
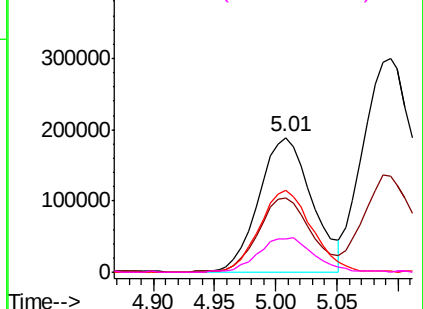
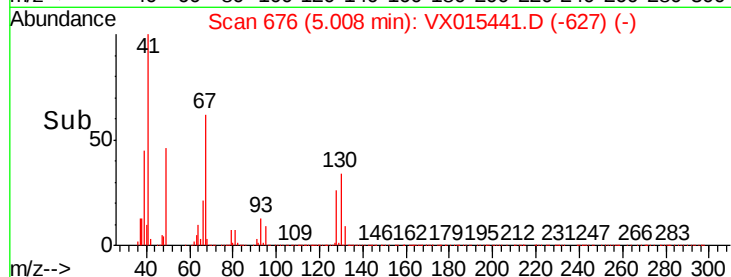
#41
Methacrylonitrile
Concen: 51.995 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	568928
Ion	Ratio	Lower	Upper
41	100		
39	55.5	44.5	66.7
67	60.3	48.9	73.3
52	26.4	21.8	32.6

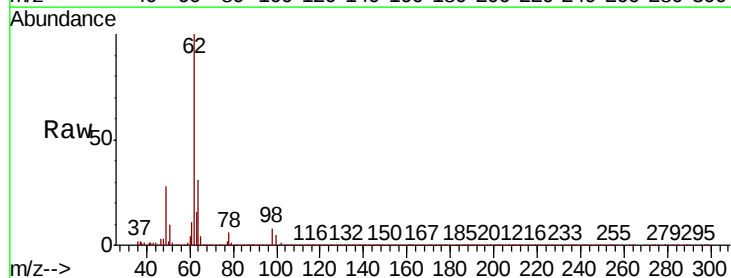


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

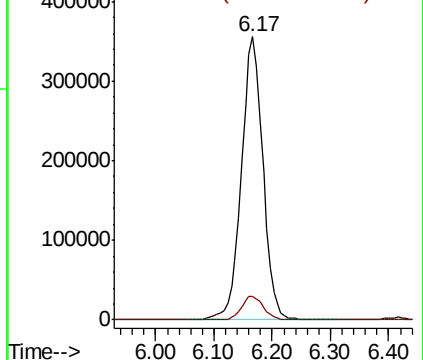
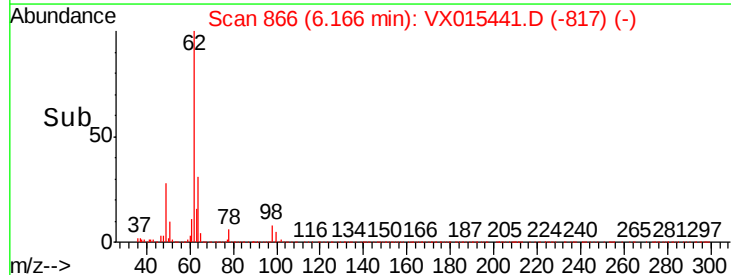


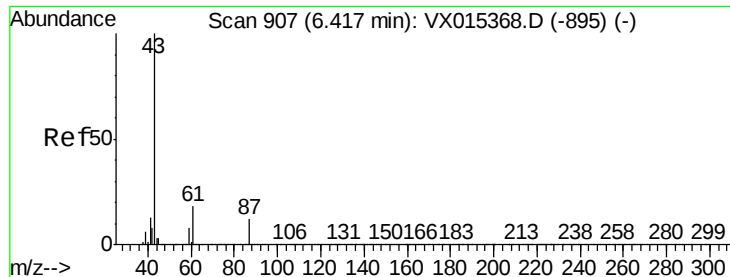
#42
1,2-Dichloroethane
Concen: 51.237 ug/l
RT: 6.17 min Scan# 866
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Tgt Ion:	62	Resp:	912636
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.6



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



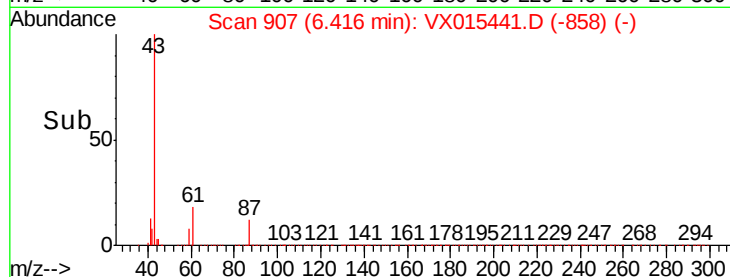
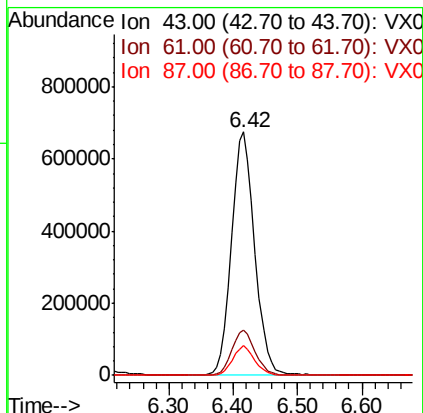
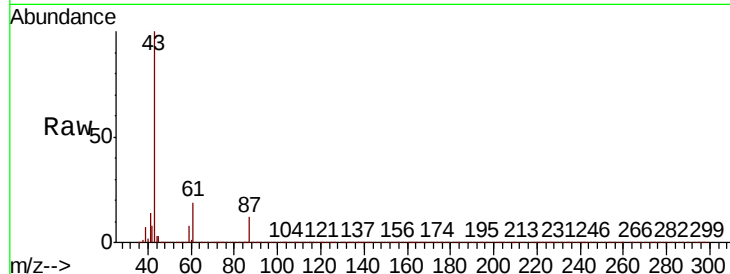


#43

Isopropyl Acetate
 Concen: 50.604 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: VX015441.D
 Acq: 30 Mar 2020 20:13

Instrument :
 MSVOA_X
 ClientSampled :

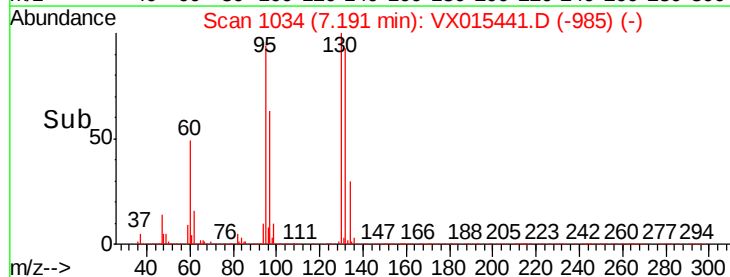
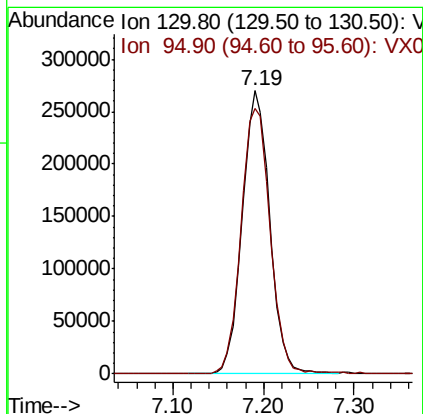
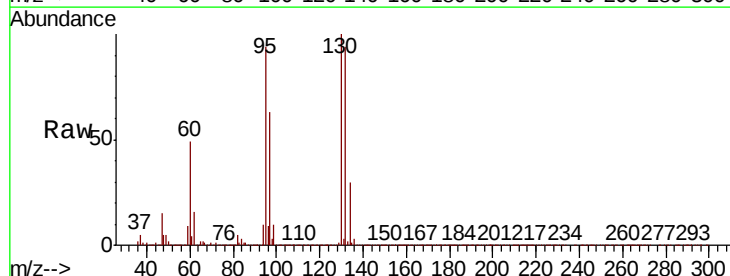
Tot Ion: 43 Resp: 1683798
 Ion Ratio Lower Upper
 43 100
 61 18.6 14.8 22.2
 87 11.6 9.4 14.0

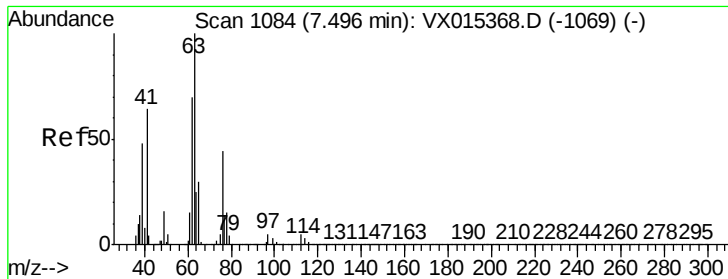


#44

Trichloroethene
 Concen: 46.822 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VX015441.D
 Acq: 30 Mar 2020 20:13

Tgt Ion:130 Resp: 566249
 Ion Ratio Lower Upper
 130 100
 95 93.9 0.0 199.0

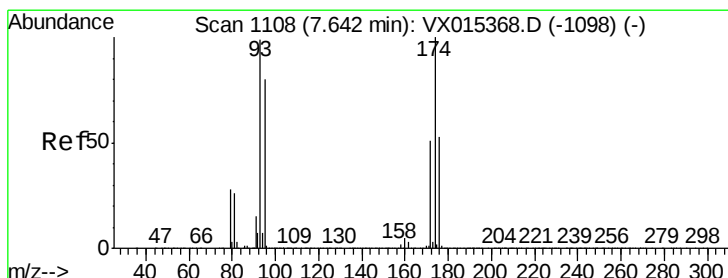
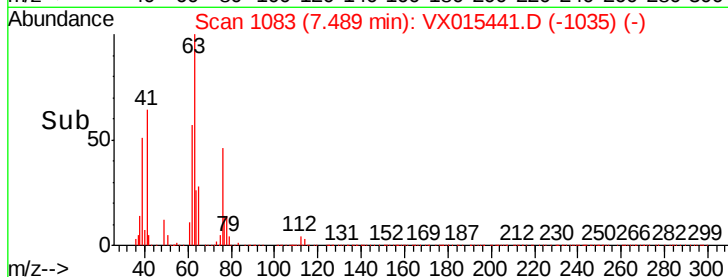
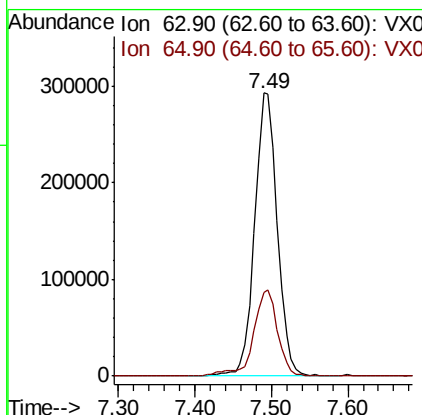
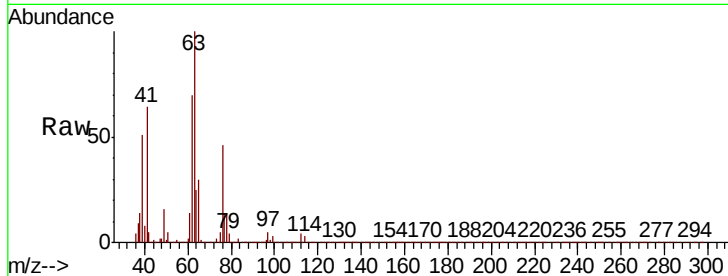




#45
 1,2-Dichloropropane
 Concen: 49.638 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015441.D
 Acq: 30 Mar 2020 20:13

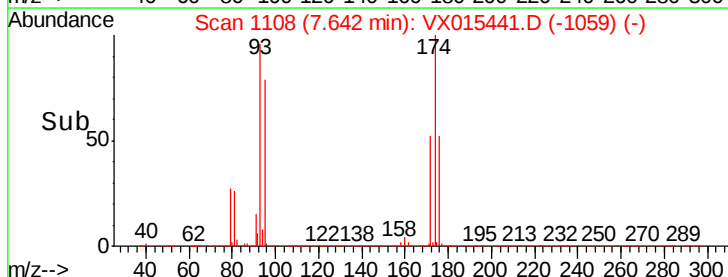
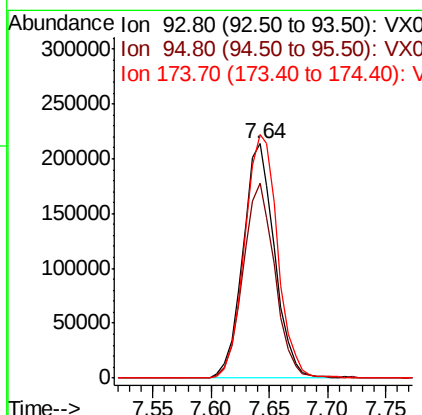
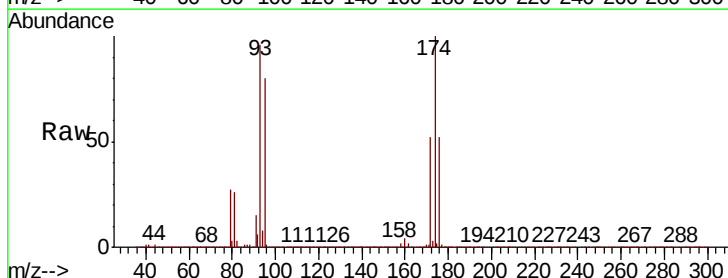
Instrument :
 MSVOA_X
 ClientSampleId :

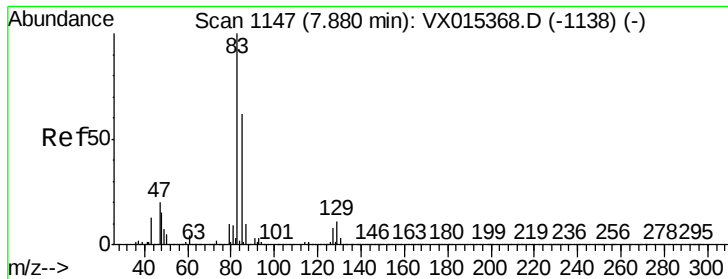
Tot Ion: 63 Resp: 602145
 Ion Ratio Lower Upper
 63 100
 65 29.4 23.9 35.9



#46
 Dibromomethane
 Concen: 50.732 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: VX015441.D
 Acq: 30 Mar 2020 20:13

Tgt Ion: 93 Resp: 403703
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.8 98.8
 174 108.7 86.2 129.2

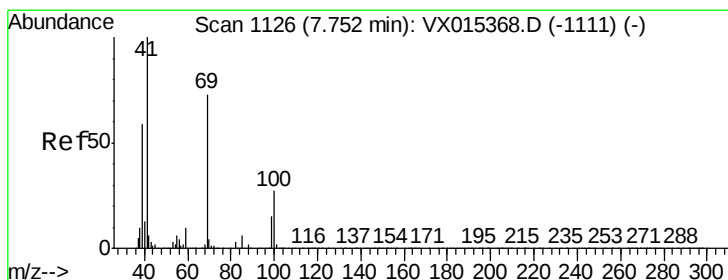
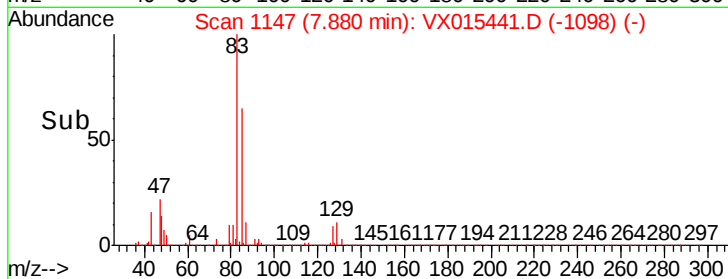
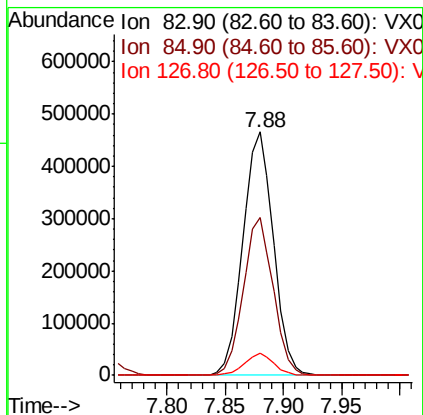
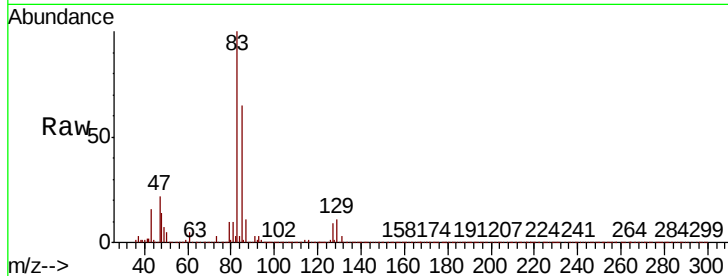




#47
Bromodichloromethane
Concen: 50.016 ug/l
RT: 7.88 min Scan# 1147
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

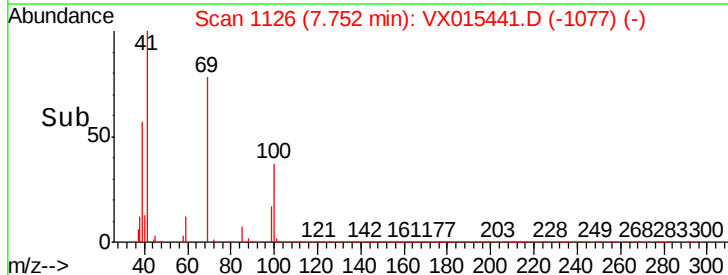
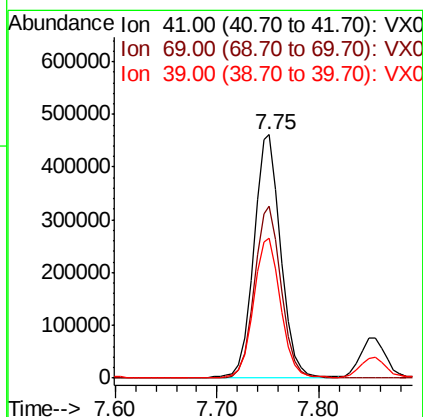
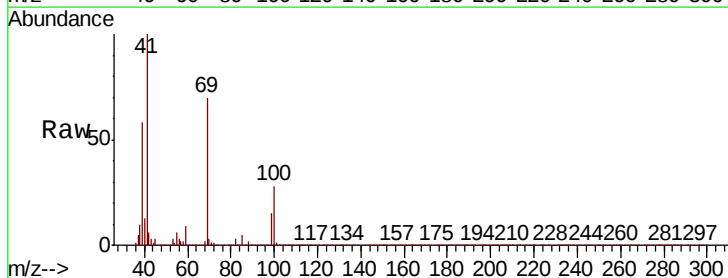
Instrument :
MSVOA_X
ClientSampled :

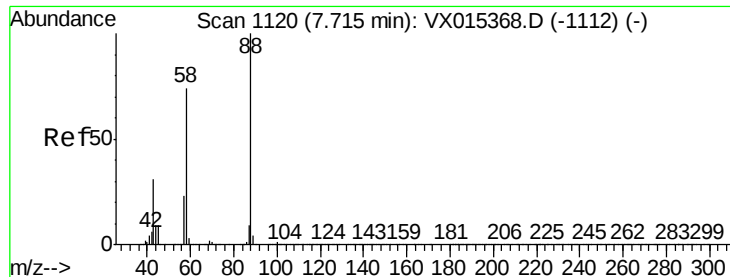
Tot Ion	83	Resp	848069
Ion Ratio	100		
Lower	49.7		
Upper	74.5		
85	64.7		
127	9.1		
	6.7		
	10.1		



#48
Methyl methacrylate
Concen: 50.888 ug/l
RT: 7.75 min Scan# 1126
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Tgt Ion	41	Resp	845775
Ion Ratio	100		
Lower	56.7		
Upper	85.1		
69	70.5		
39	57.9		
	46.5		
	69.7		





#49

1,4-Dioxane

Concen: 977.282 ug/l

RT: 7.71 min Scan# 1120

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

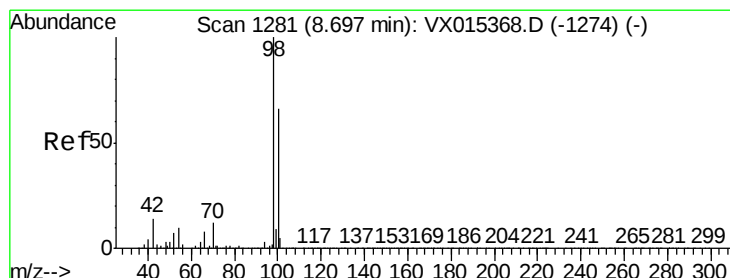
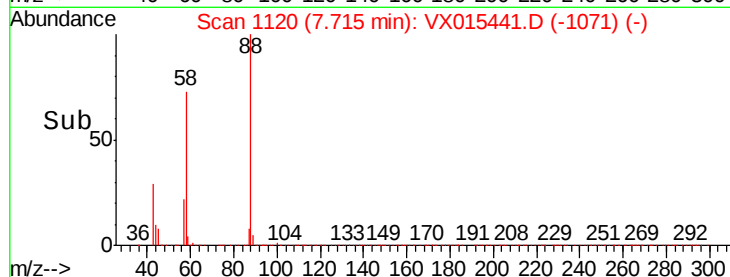
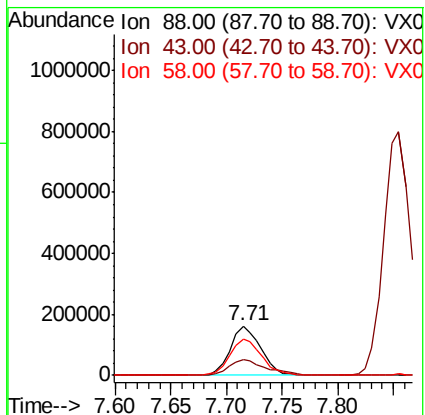
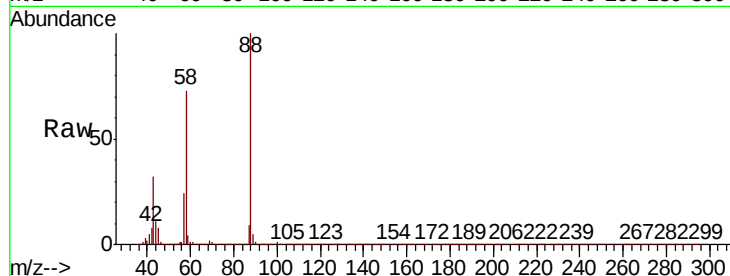
Tot Ion: 88 Resp: 303005

Ion Ratio Lower Upper

88 100

43 38.6 30.1 45.1

58 77.6 60.6 90.8



#50

Toluene-d8

Concen: 49.218 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015441.D

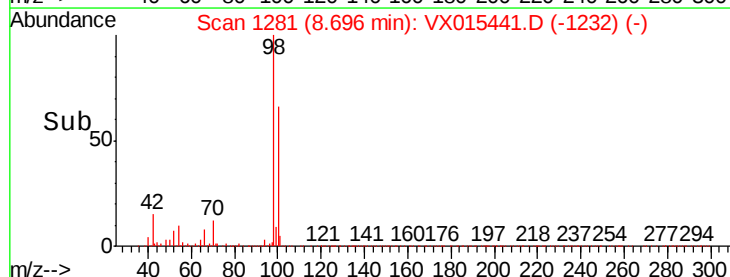
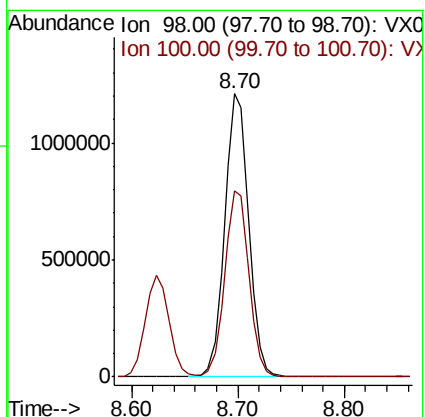
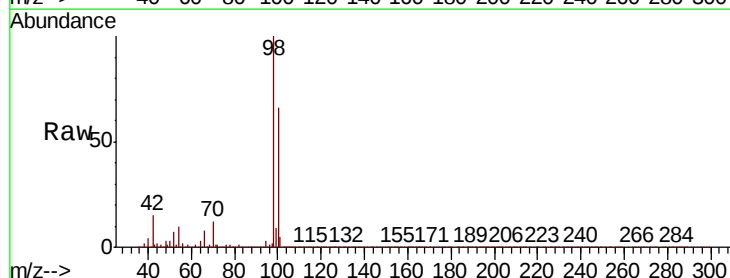
Acq: 30 Mar 2020 20:13

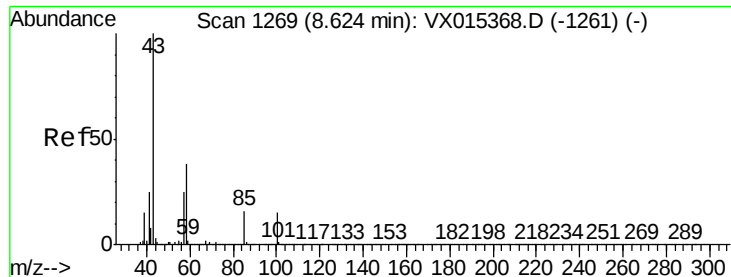
Tgt Ion: 98 Resp: 1903126

Ion Ratio Lower Upper

98 100

100 66.4 53.5 80.3

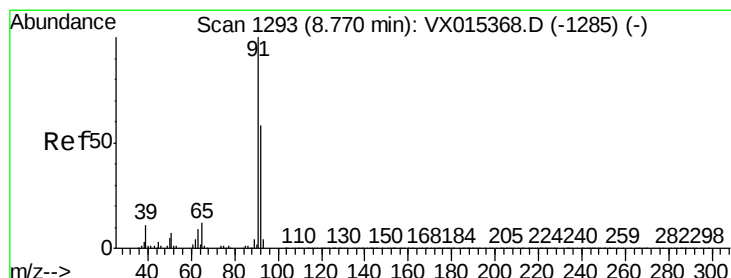
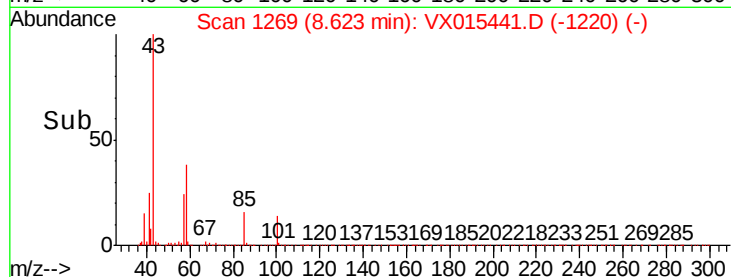
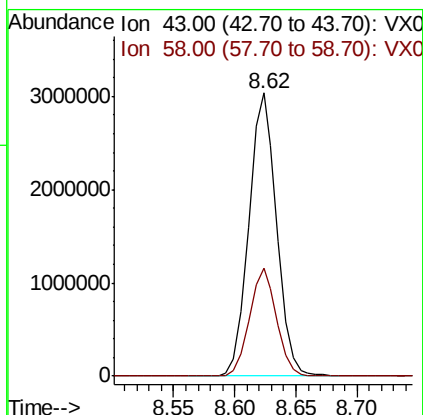
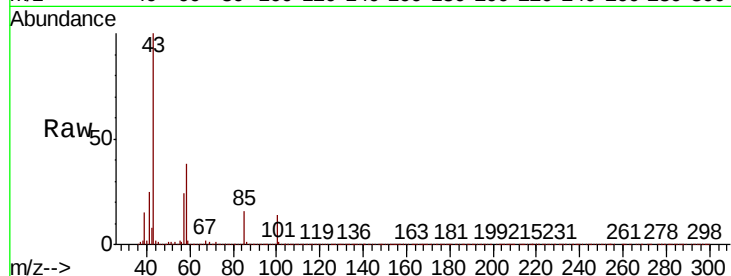




#51
4-Methyl-2-Pentanone
Concen: 253.184 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

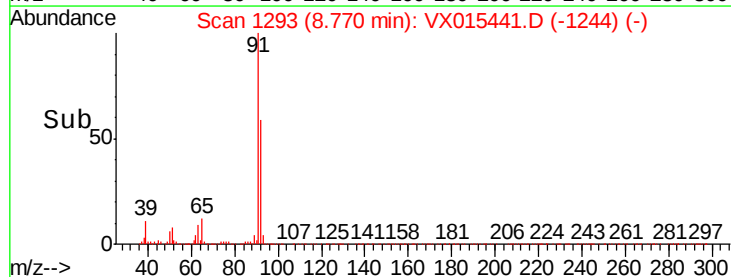
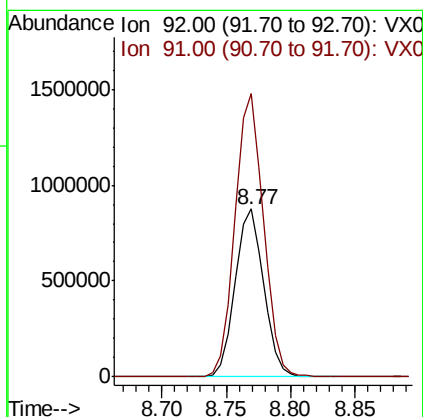
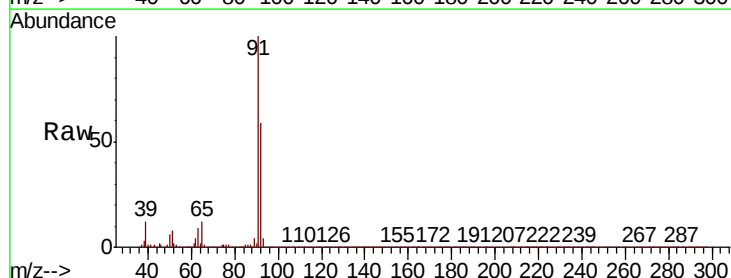
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 4774345
Ion Ratio Lower Upper
43 100
58 37.1 29.7 44.5



#52
Toluene
Concen: 49.285 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Tgt Ion: 92 Resp: 1347408
Ion Ratio Lower Upper
92 100
91 169.1 136.6 205.0

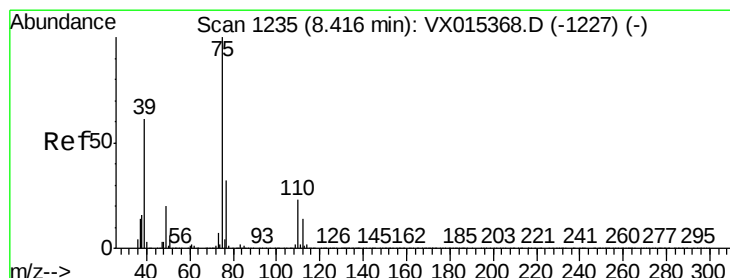
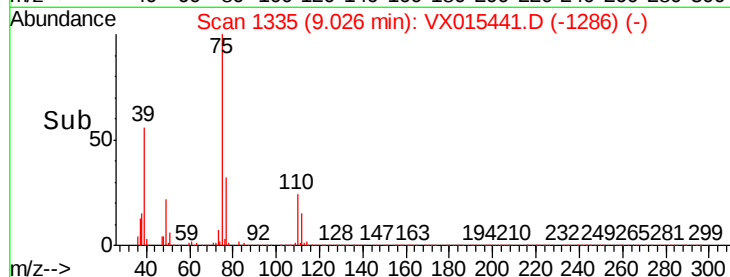
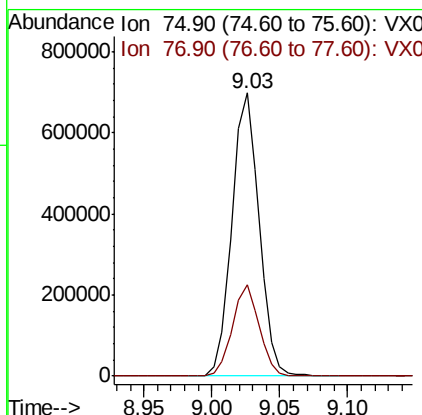
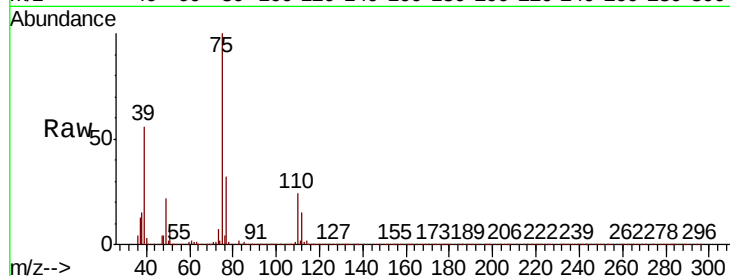




#53
t-1,3-Dichloropropene
Concen: 48.741 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

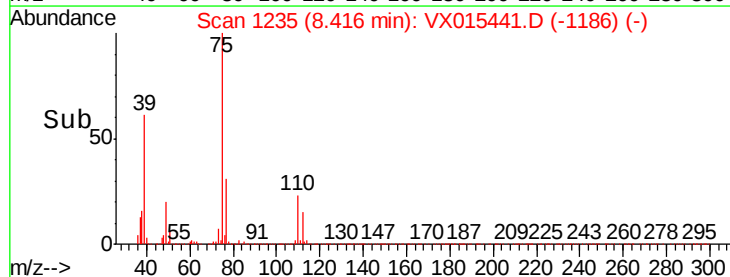
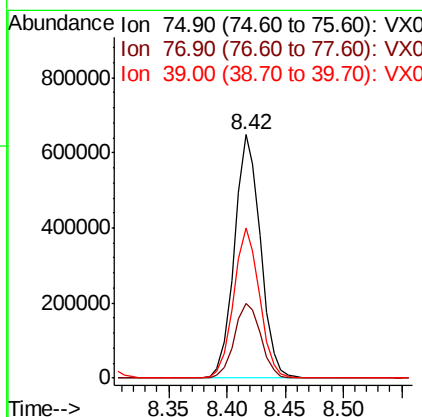
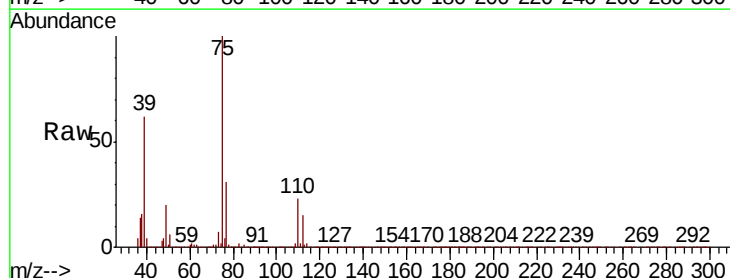
Instrument :
MSVOA_X
ClientSampleId :

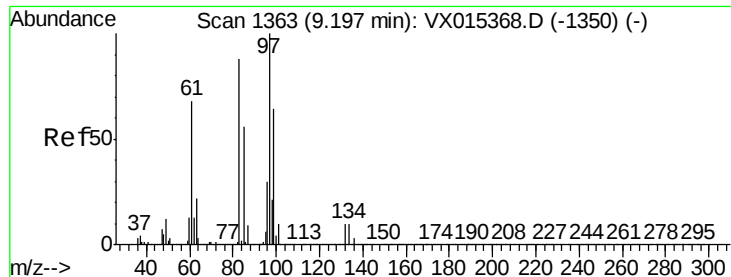
Tot Ion: 75 Resp: 969278
Ion Ratio Lower Upper
75 100
77 32.3 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 49.763 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Tgt Ion: 75 Resp: 1008062
Ion Ratio Lower Upper
75 100
77 30.5 25.8 38.6
39 61.4 49.0 73.4





#55

1,1,2-Trichloroethane

Concen: 51.110 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 572488

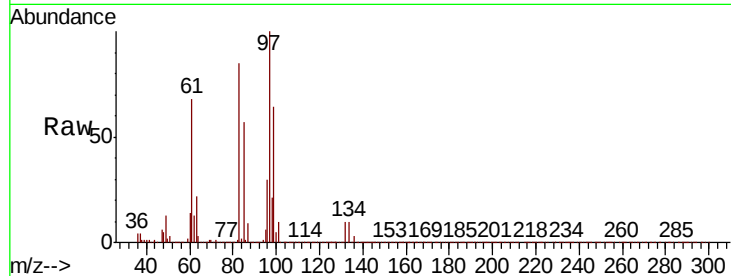
Ion Ratio Lower Upper

97 100

83 84.7 70.2 105.4

85 56.8 44.7 67.1

99 64.4 51.1 76.7

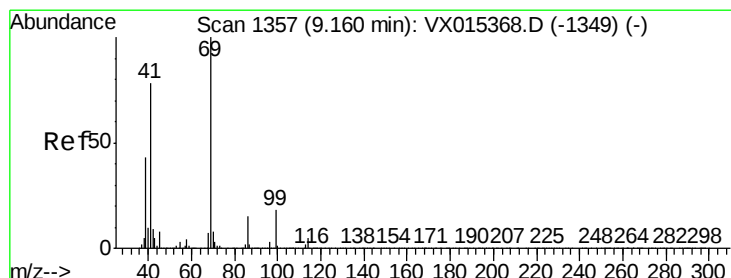
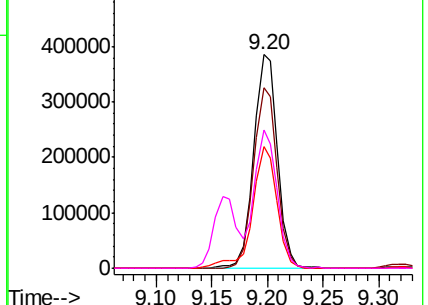
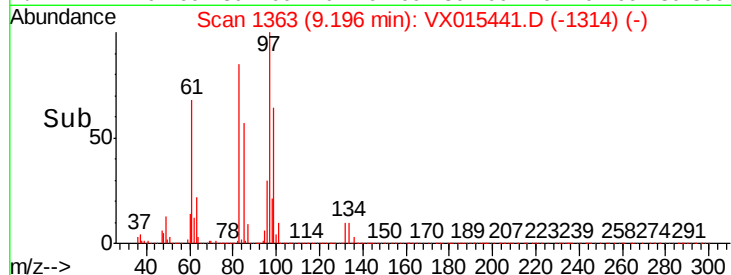


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 50.790 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

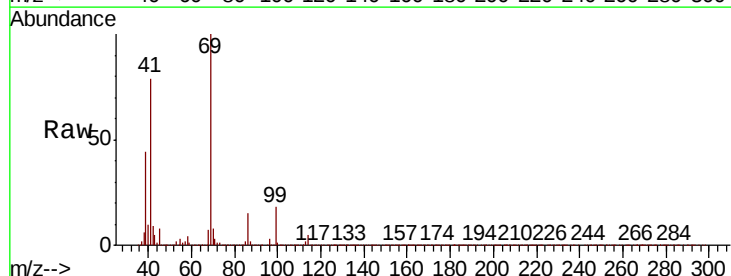
Tgt Ion: 69 Resp: 1002607

Ion Ratio Lower Upper

69 100

41 78.6 61.6 92.4

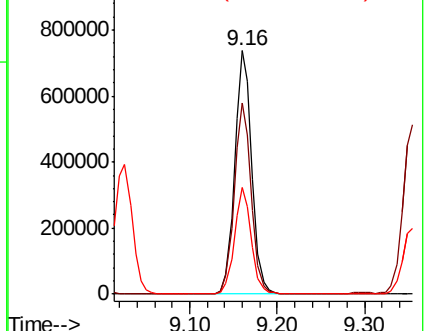
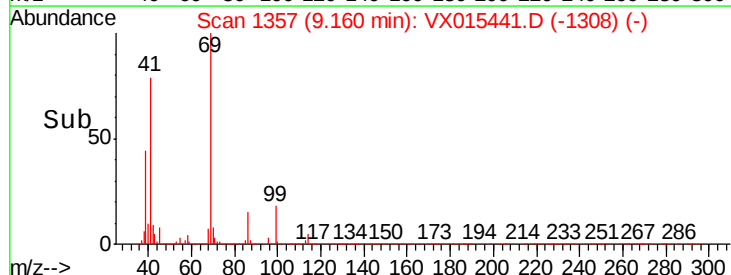
39 43.3 34.0 51.0



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.396 ug/l

RT: 9.35 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

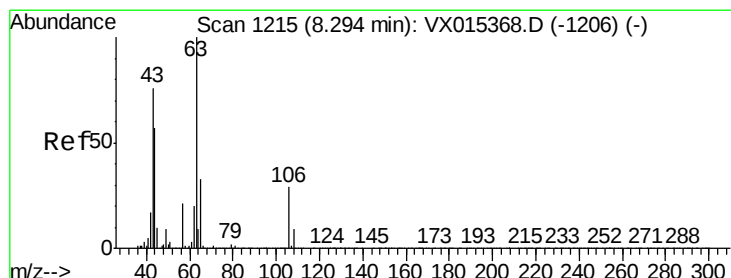
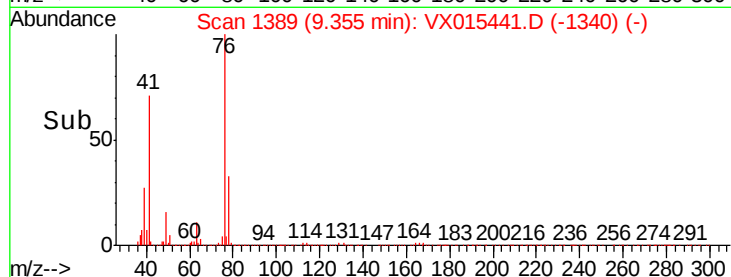
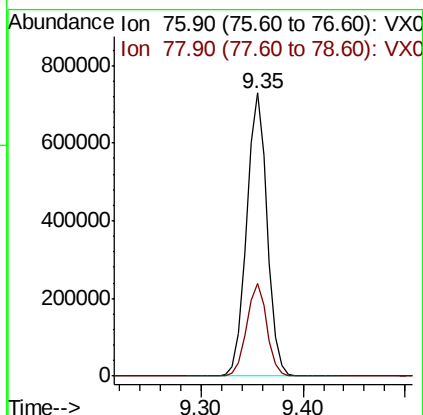
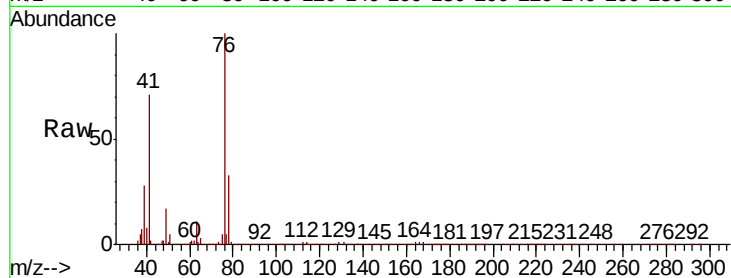
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 1017029

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 258.718 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. -0.00 min

Lab File: VX015441.D

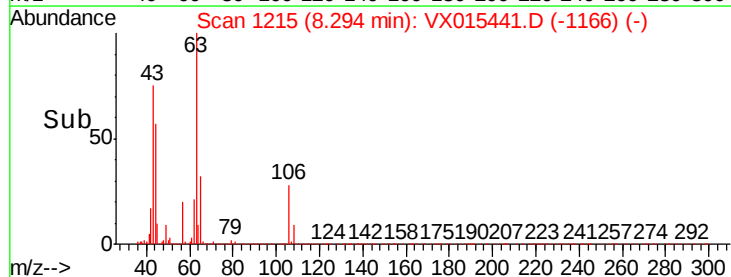
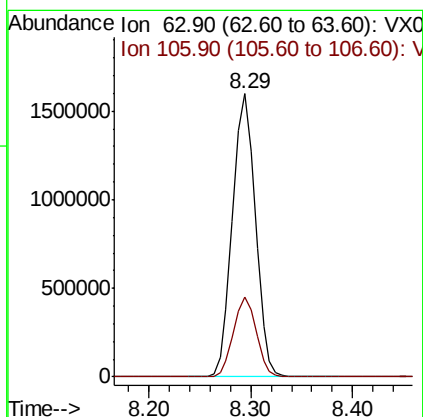
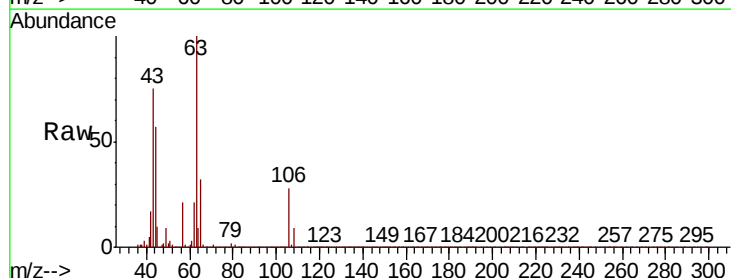
Acq: 30 Mar 2020 20:13

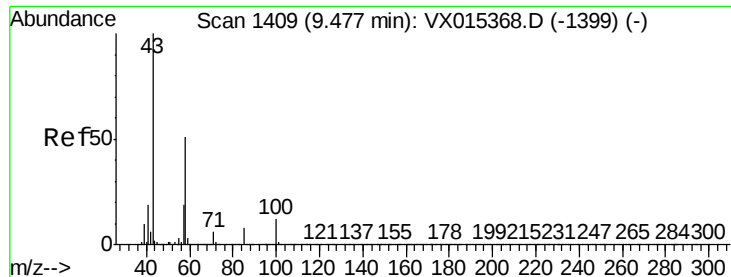
Tgt Ion: 63 Resp: 2484161

Ion Ratio Lower Upper

63 100

106 27.9 22.7 34.1

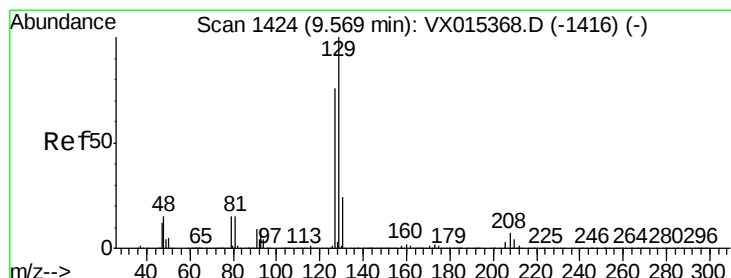
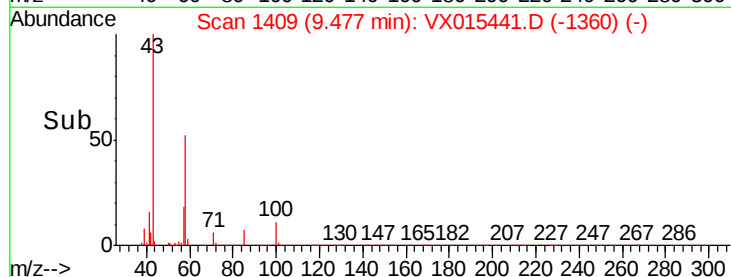
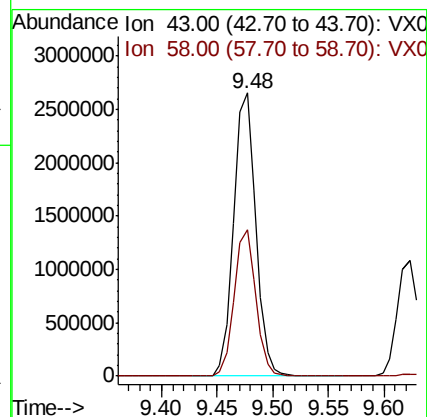
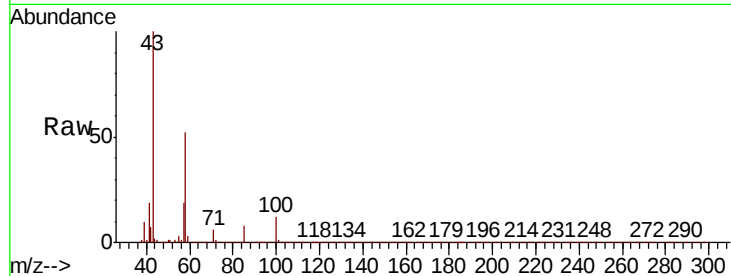




#59
2-Hexanone
Concen: 256.405 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

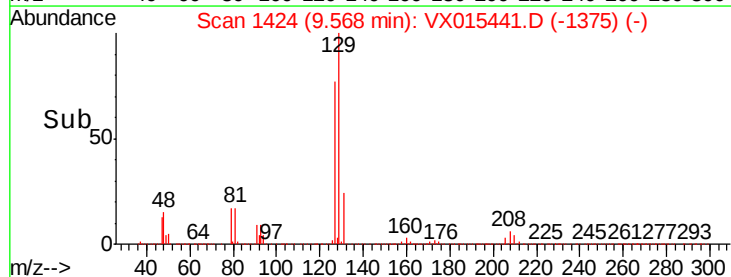
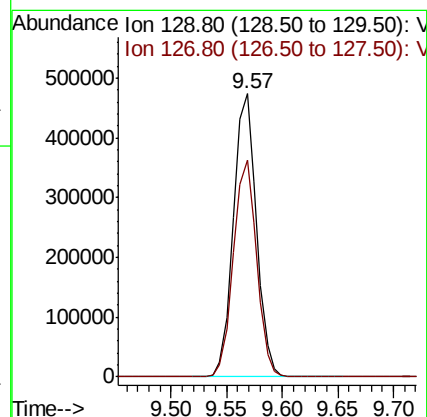
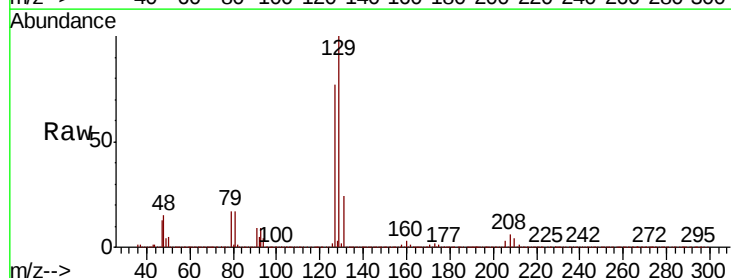
Instrument :
MSVOA_X
ClientSampleId :

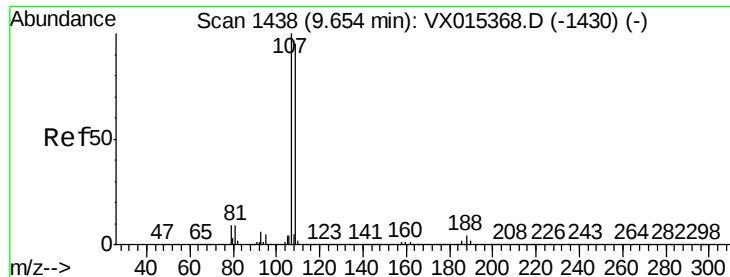
Tot Ion: 43 Resp: 3650396
Ion Ratio Lower Upper
43 100
58 50.8 25.6 76.6



#60
Dibromochloromethane
Concen: 50.315 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Tgt Ion:129 Resp: 677210
Ion Ratio Lower Upper
129 100
127 77.2 38.2 114.6





#61

1,2-Dibromoethane

Concen: 50.221 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Instrument :

MSVOA_X

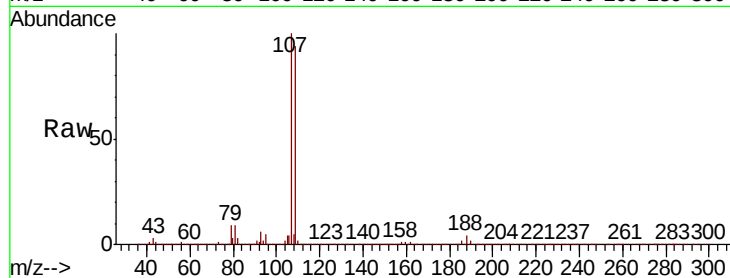
ClientSampleId :

Tot Ion:107 Resp: 611654

Ion Ratio Lower Upper

107 100

109 95.3 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

400000

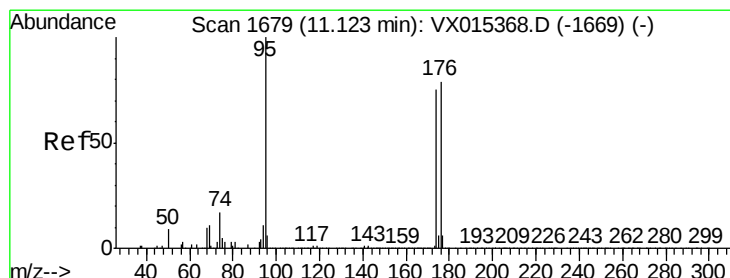
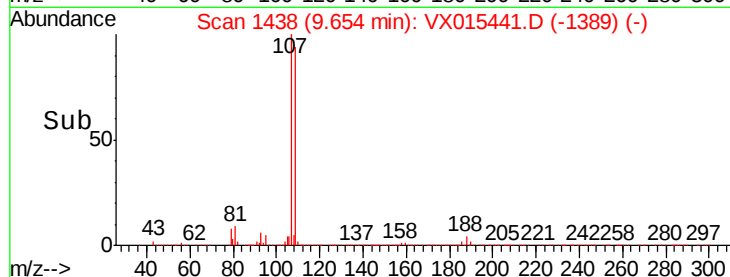
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.720 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

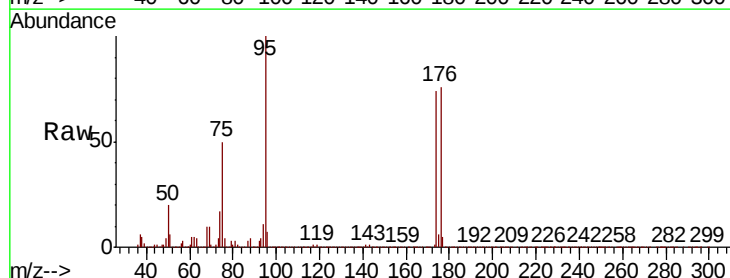
Tgt Ion: 95 Resp: 812739

Ion Ratio Lower Upper

95 100

174 78.3 0.0 158.6

176 75.9 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

11.12

800000

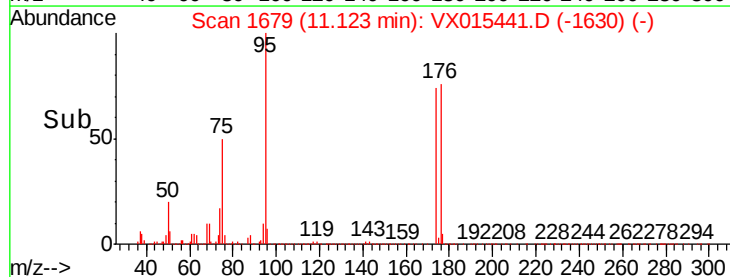
600000

400000

200000

0

Time-->

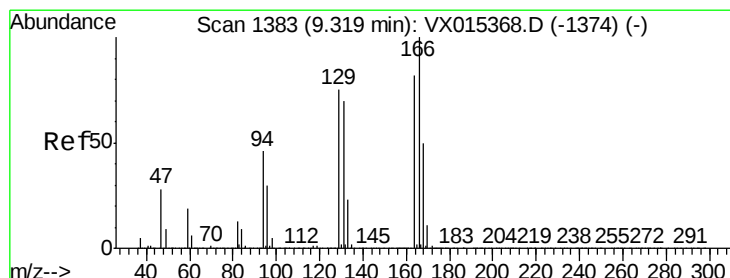
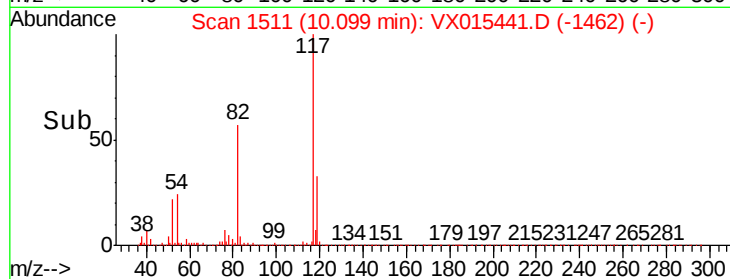
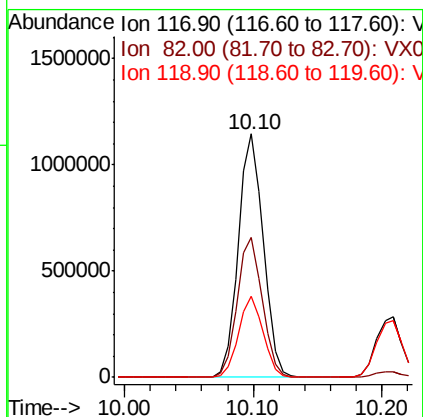
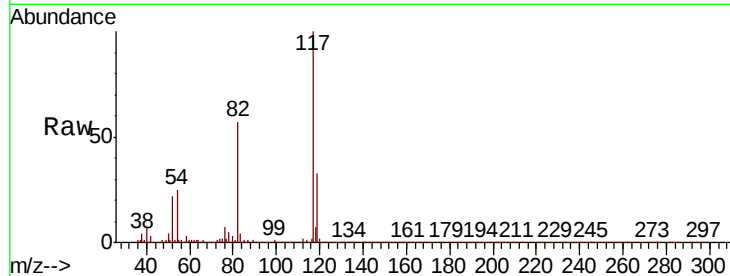




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

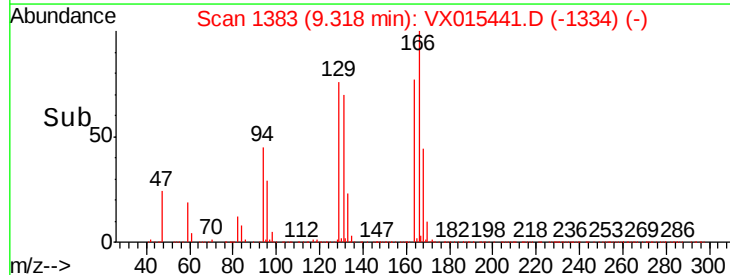
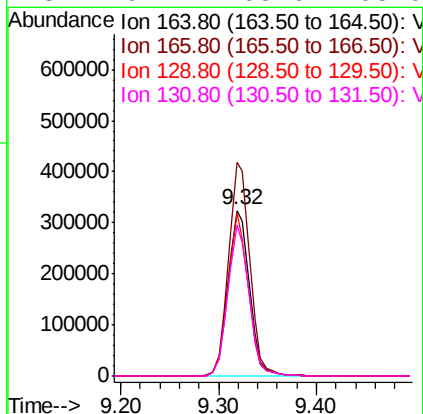
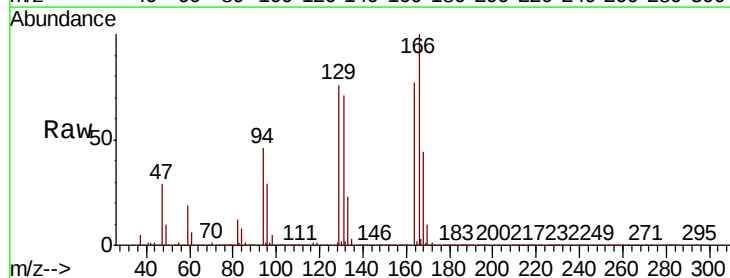
Instrument :
MSVOA_X
ClientSampleId :

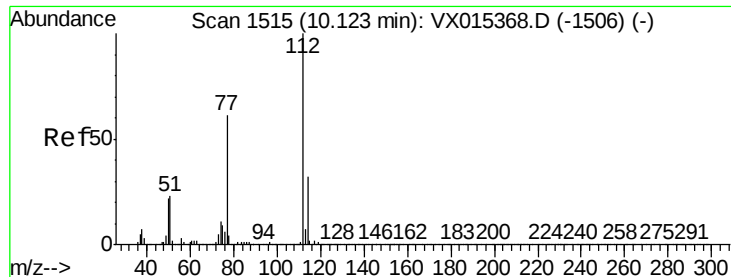
Tot Ion:117 Resp: 1538412
Ion Ratio Lower Upper
117 100
82 57.4 47.8 71.8
119 33.3 26.8 40.2



#64
Tetrachloroethene
Concen: 42.553 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Tgt Ion:164 Resp: 494041
Ion Ratio Lower Upper
164 100
166 129.2 97.8 146.6
129 98.1 73.0 109.4
131 91.1 68.6 103.0





#65

Chlorobenzene

Concen: 47.484 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Instrument :

MSVOA_X

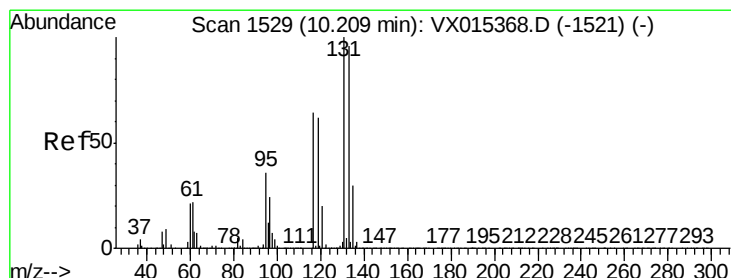
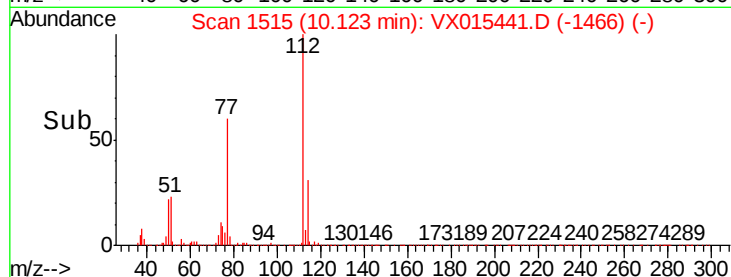
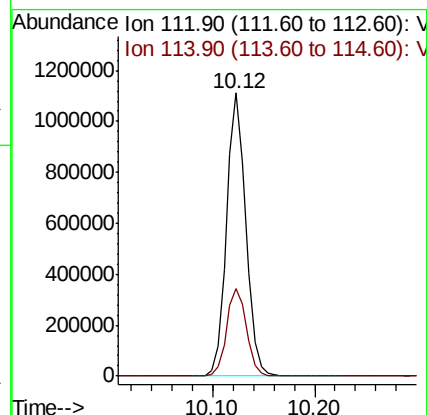
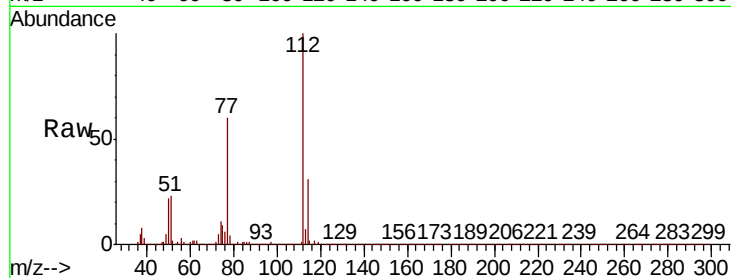
ClientSampleId :

Tot Ion:112 Resp: 1456831

Ion Ratio Lower Upper

112 100

114 31.0 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 48.691 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

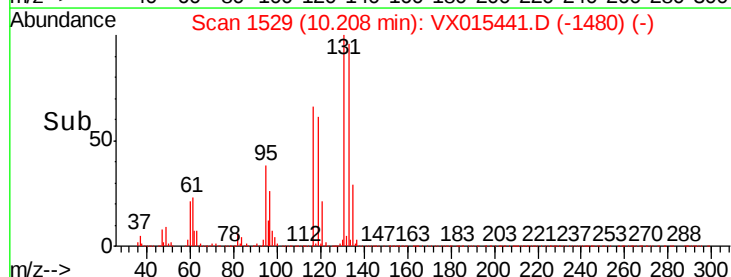
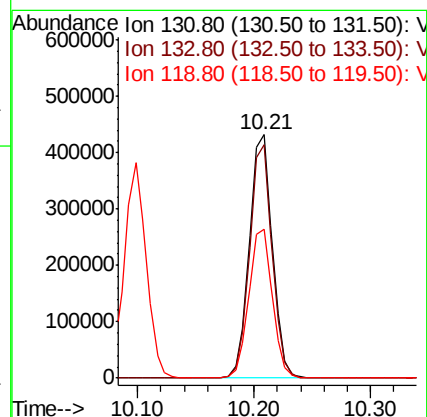
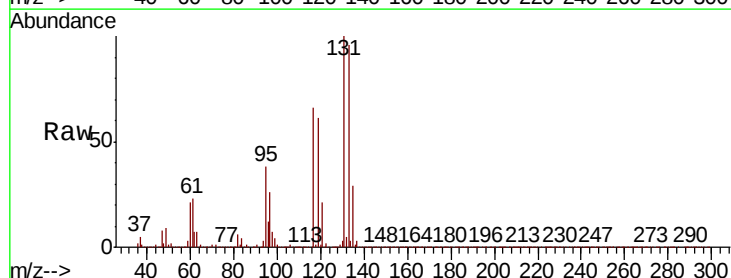
Tgt Ion:131 Resp: 596808

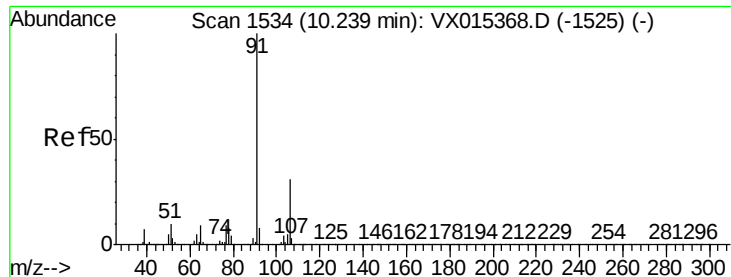
Ion Ratio Lower Upper

131 100

133 94.4 47.6 142.9

119 62.7 31.1 93.3





#67

Ethyl Benzene

Concen: 47.375 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Instrument :

MSVOA_X

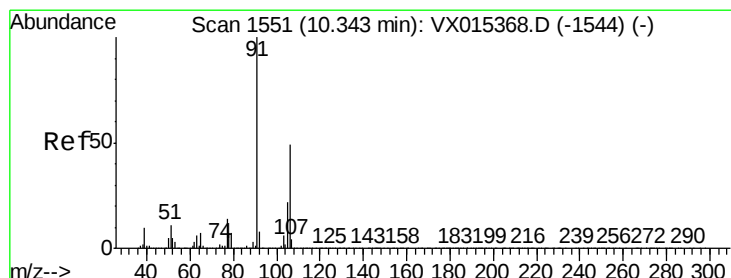
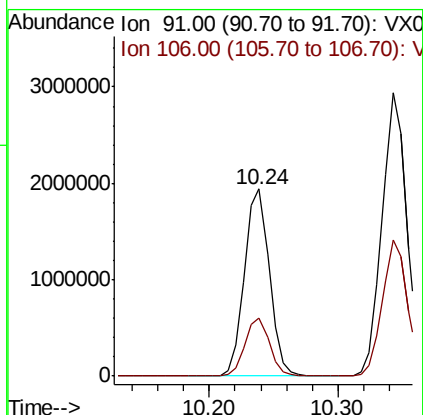
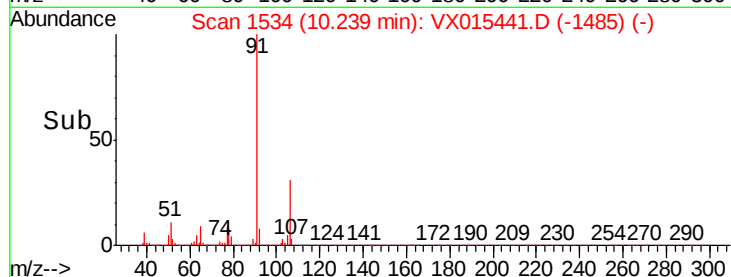
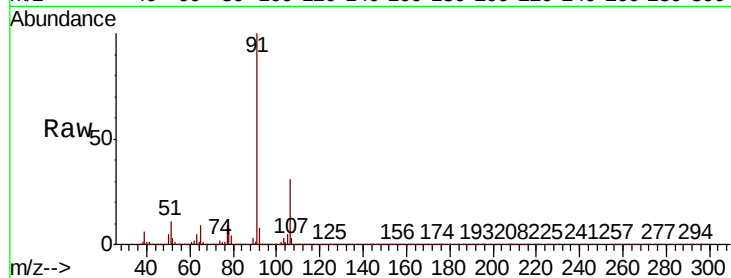
ClientSampleId :

Tot Ion: 91 Resp: 2577873

Ion Ratio Lower Upper

91 100

106 31.3 24.8 37.2



#68

m/p-Xylenes

Concen: 93.890 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. -0.00 min

Lab File: VX015441.D

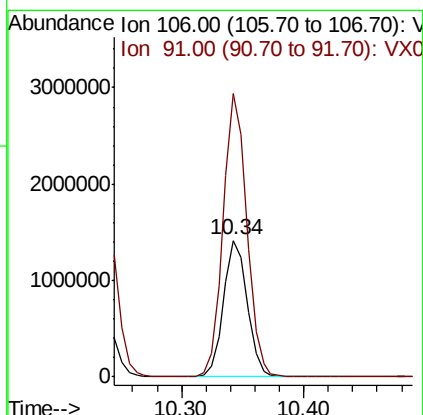
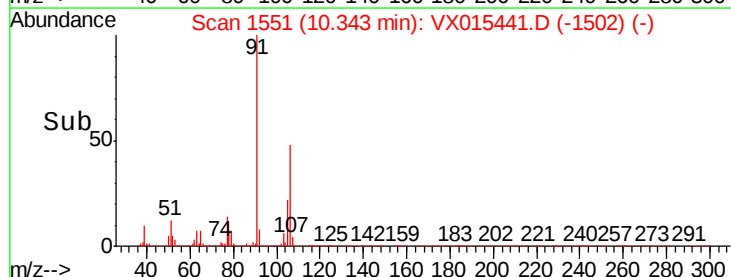
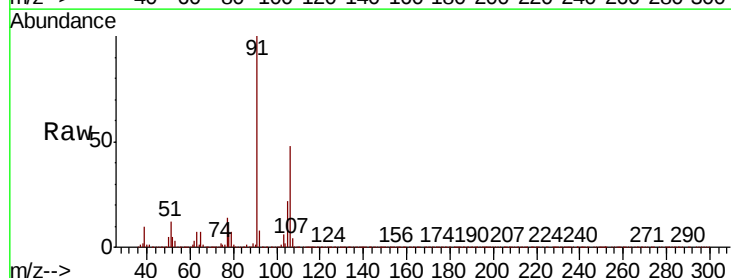
Acq: 30 Mar 2020 20:13

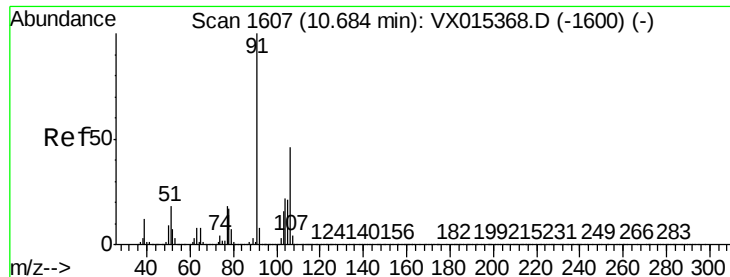
Tgt Ion: 106 Resp: 1902419

Ion Ratio Lower Upper

106 100

91 207.0 163.4 245.0

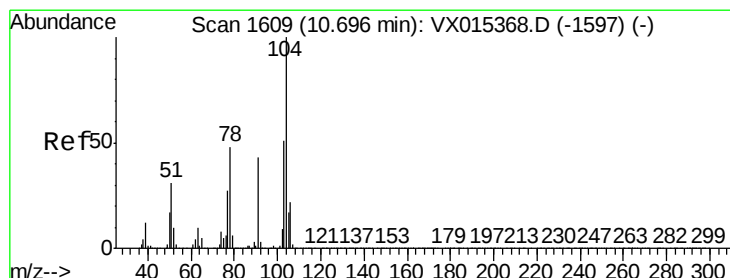
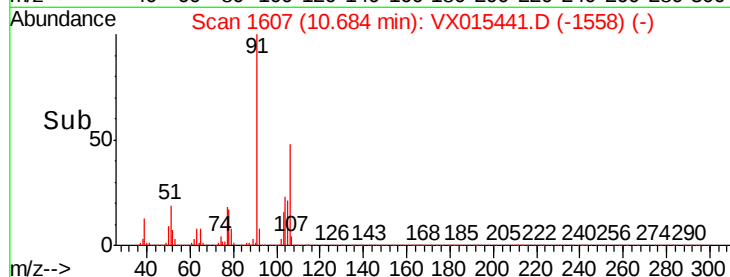
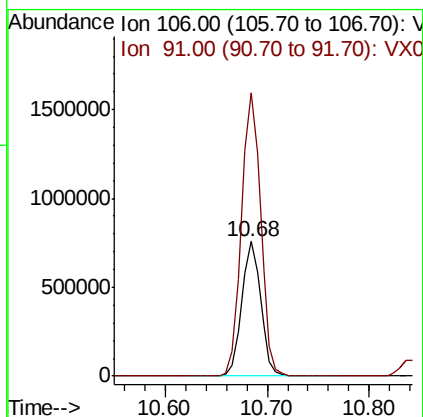
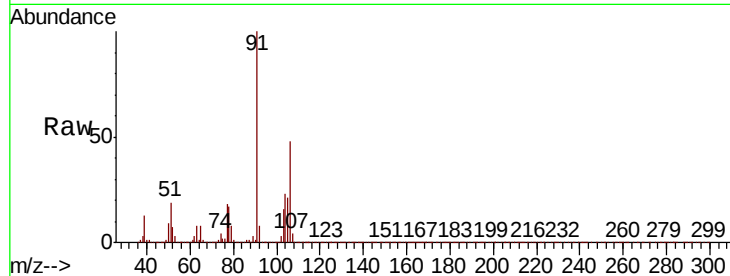




#69
o-Xylene
Concen: 48.216 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

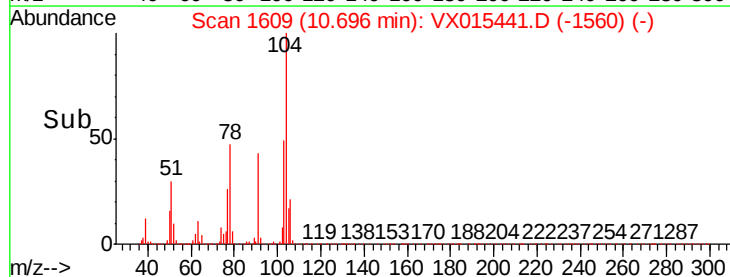
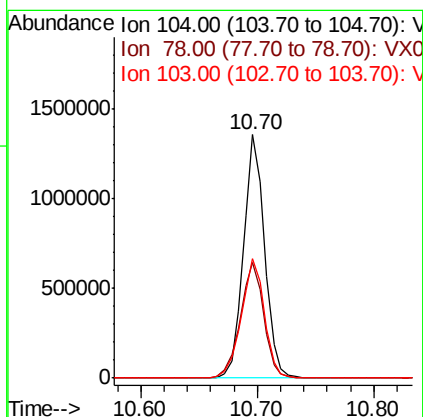
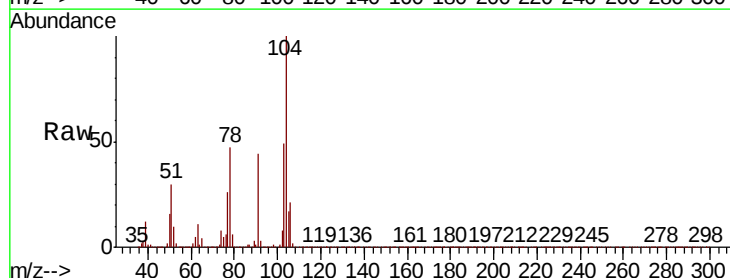
Instrument :
MSVOA_X
ClientSampleId :

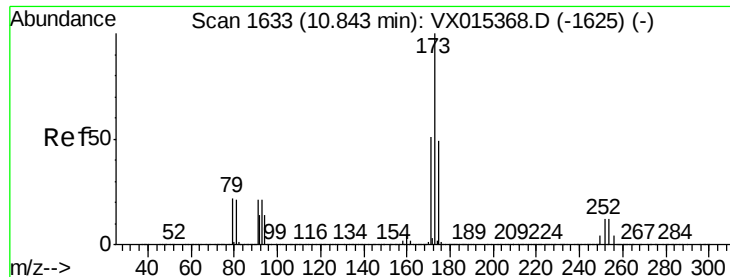
Tot Ion:106 Resp: 965413
Ion Ratio Lower Upper
106 100
91 214.2 107.1 321.3



#70
Styrene
Concen: 48.692 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Tgt Ion:104 Resp: 1715553
Ion Ratio Lower Upper
104 100
78 52.7 42.0 63.0
103 53.5 43.4 65.0





#71

Bromoform

Concen: 47.723 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

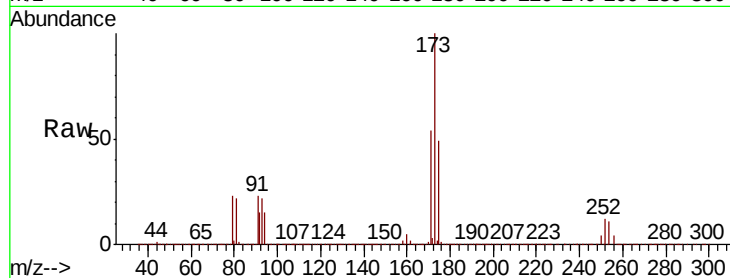
Tot Ion:173 Resp: 532500

Ion Ratio Lower Upper

173 100

175 48.3 23.9 71.7

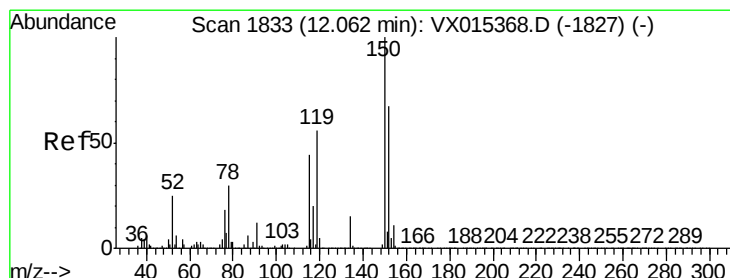
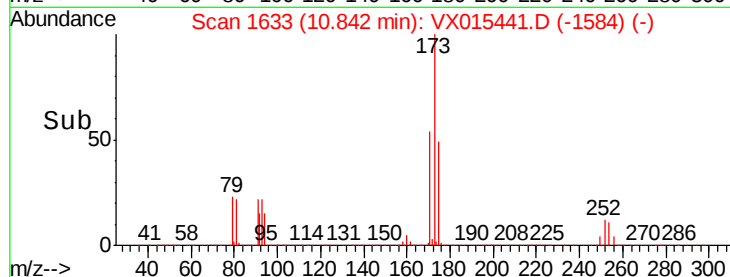
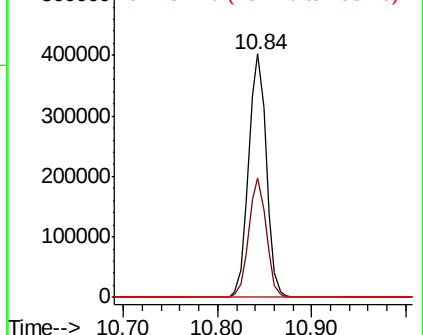
254 0.1 0.1 0.1



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: VX015441.D

Acq: 30 Mar 2020 20:13

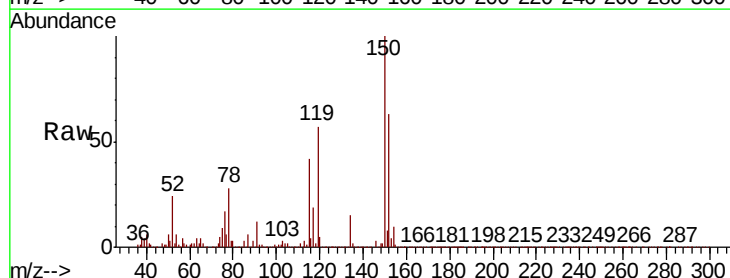
Tgt Ion:152 Resp: 792201

Ion Ratio Lower Upper

152 100

115 80.5 39.0 116.9

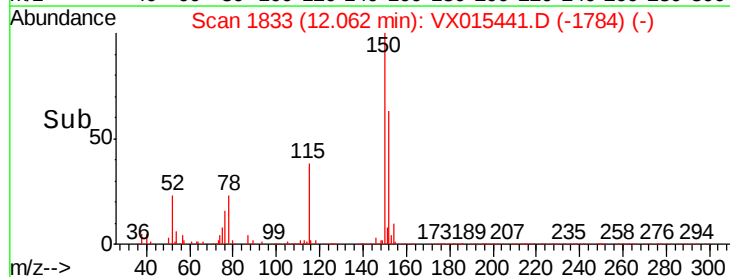
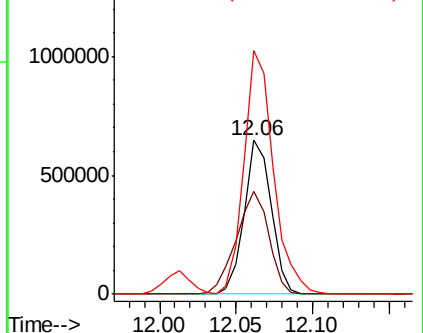
150 173.3 0.0 340.8

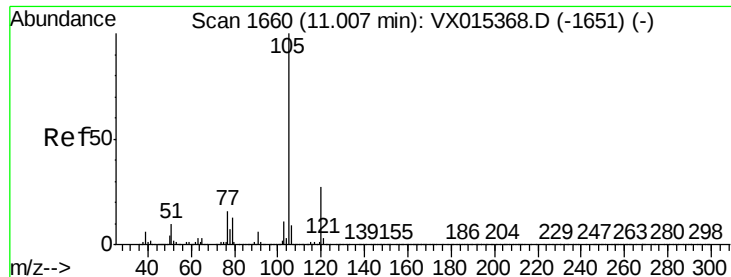


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.209 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Instrument :

MSVOA_X

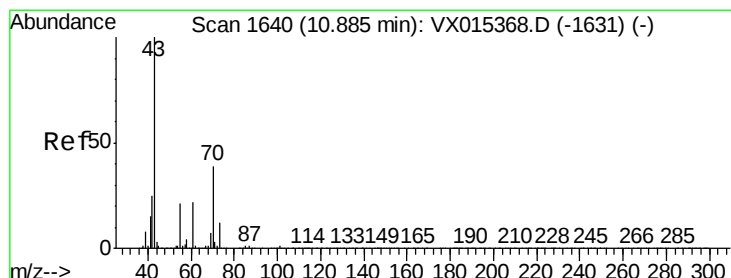
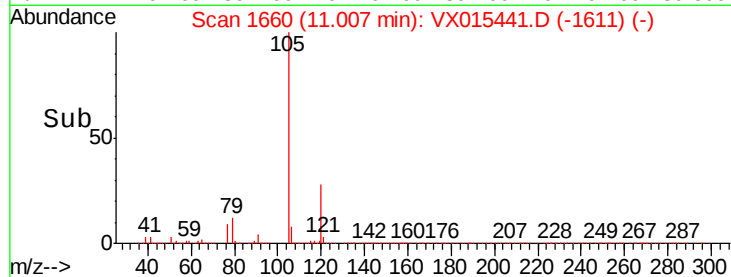
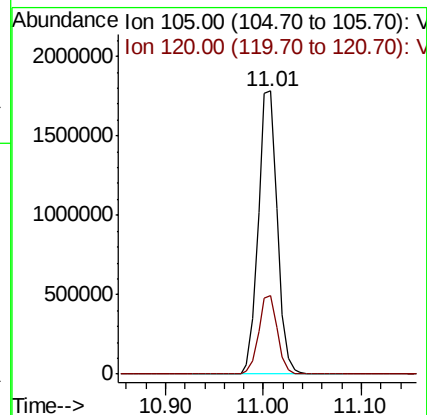
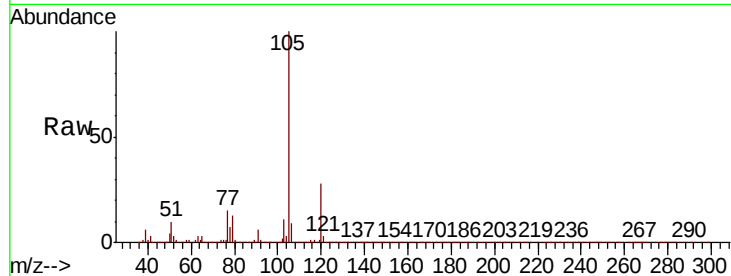
ClientSampleId :

Tot Ion:105 Resp: 2398545

Ion Ratio Lower Upper

105 100

120 27.3 13.2 39.5



#74

N-ethyl acetate

Concen: 49.967 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Tgt Ion: 43 Resp: 1442522

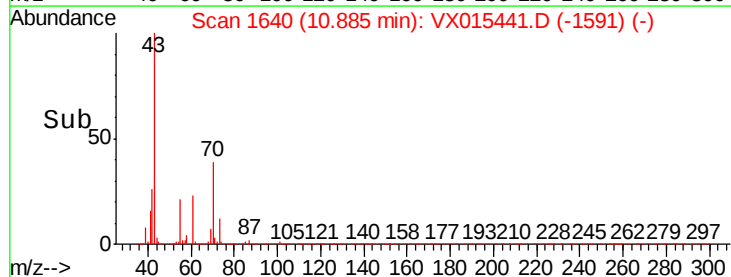
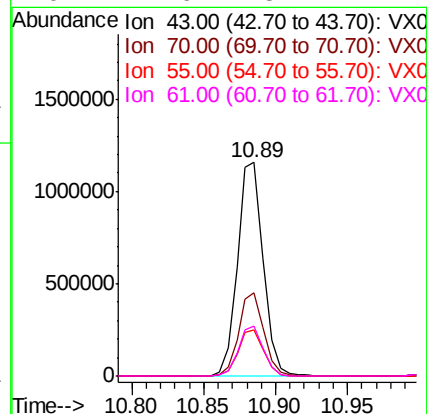
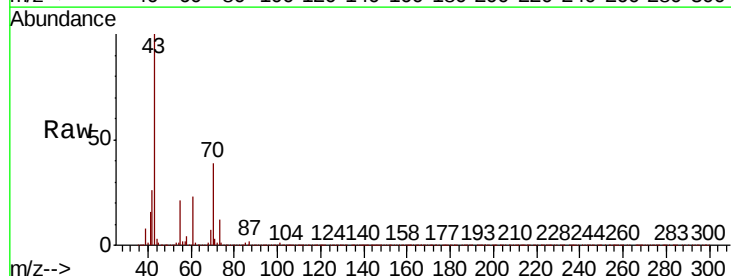
Ion Ratio Lower Upper

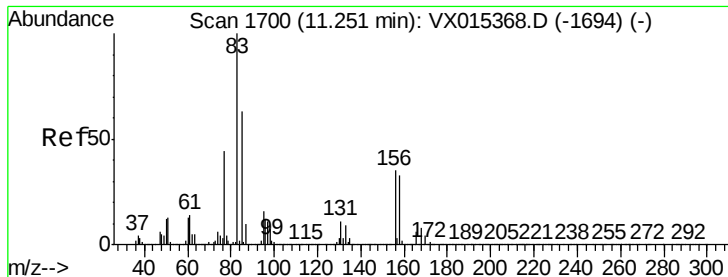
43 100

70 38.0 30.2 45.4

55 21.2 16.8 25.2

61 22.6 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 49.513 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

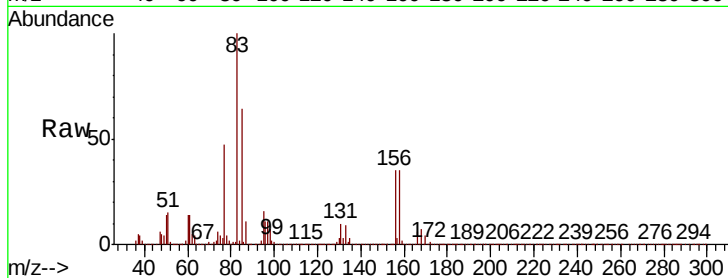
Tot Ion: 83 Resp: 881874

Ion Ratio Lower Upper

83 100

131 10.8 5.3 16.1

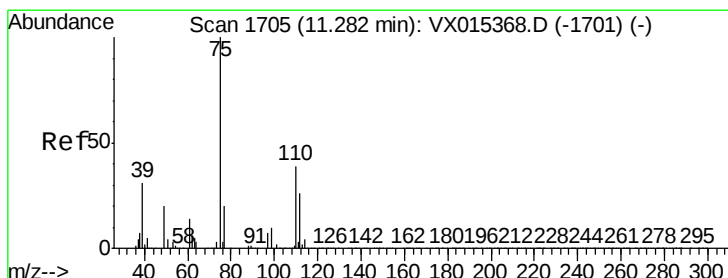
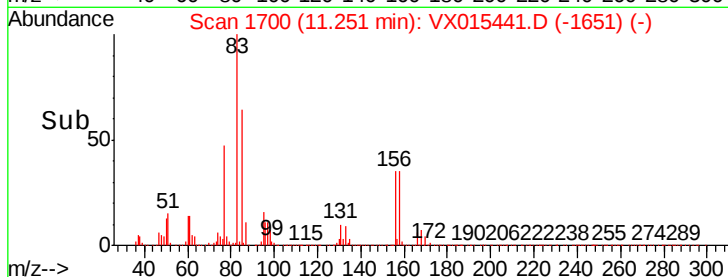
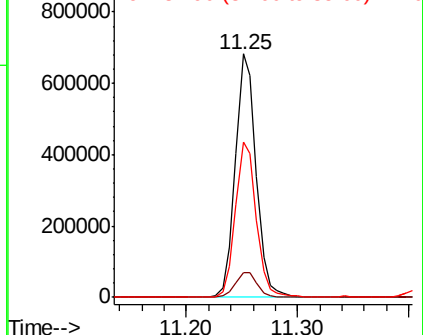
85 64.3 32.0 96.0



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: 66.692 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015441.D

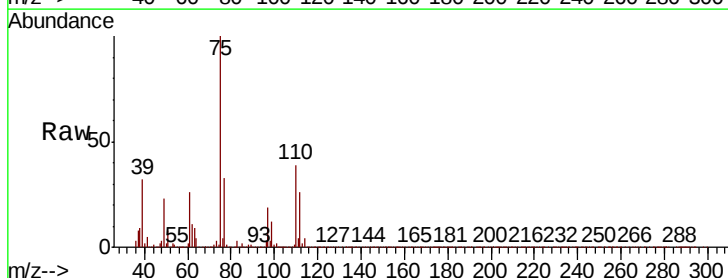
Acq: 30 Mar 2020 20:13

Tgt Ion: 75 Resp: 1086478

Ion Ratio Lower Upper

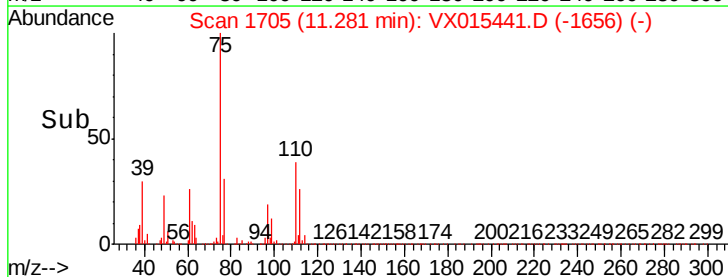
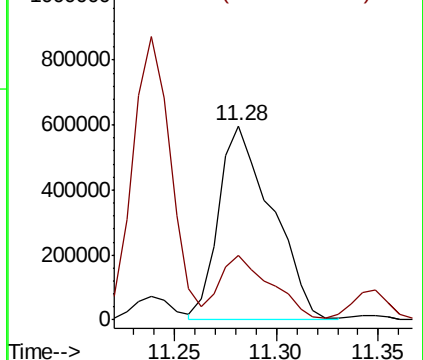
75 100

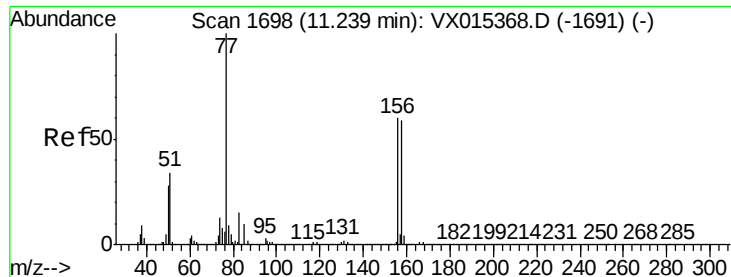
77 31.9 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.797 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

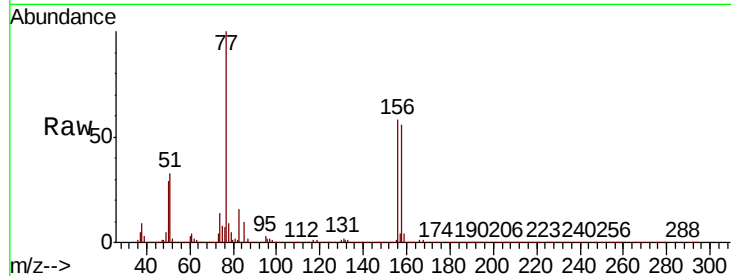
Tot Ion:156 Resp: 661767

Ion Ratio Lower Upper

156 100

77 171.2 82.2 246.5

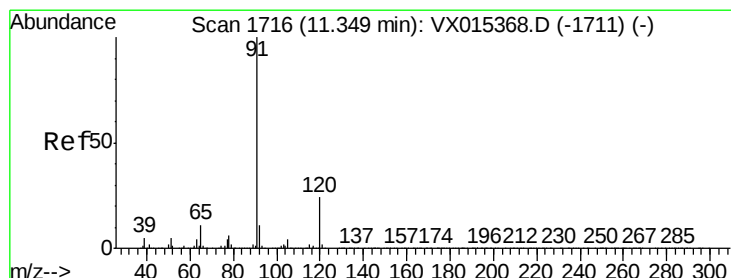
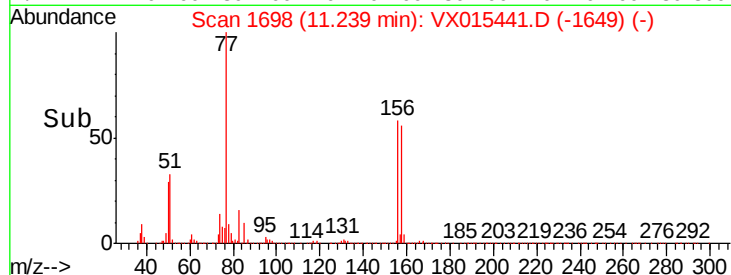
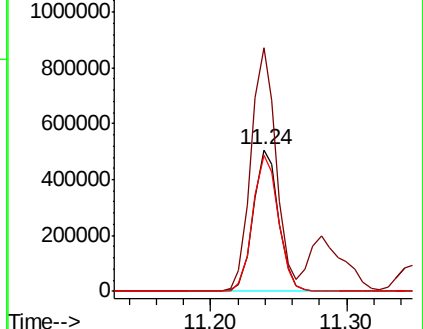
158 97.6 49.3 147.9



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: 46.689 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. -0.00 min

Lab File: VX015441.D

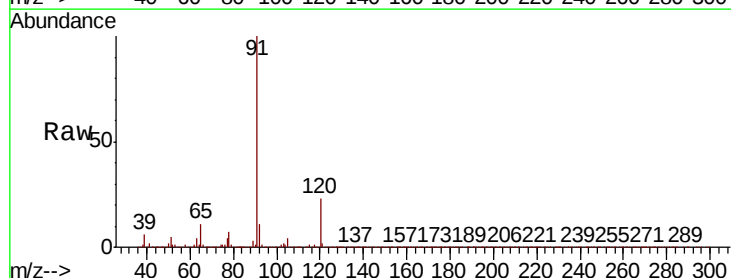
Acq: 30 Mar 2020 20:13

Tgt Ion: 91 Resp: 2771140

Ion Ratio Lower Upper

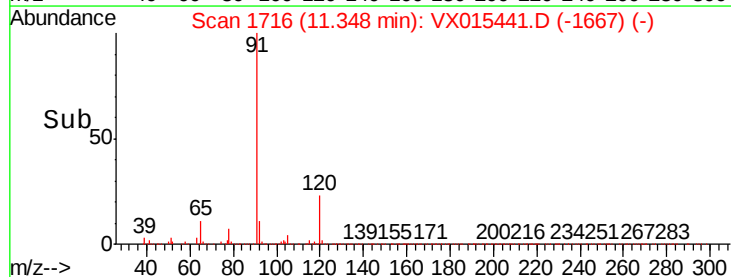
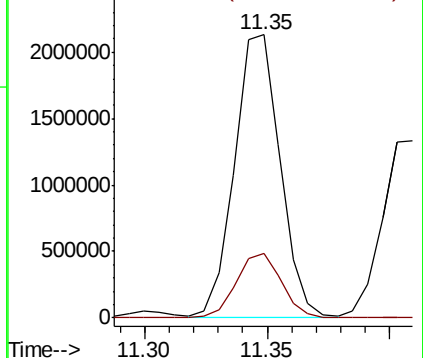
91 100

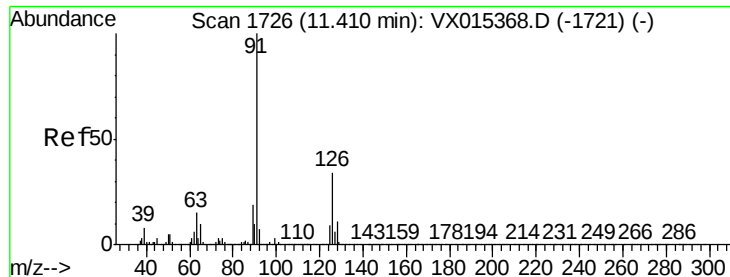
120 22.6 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.649 ug/l

RT: 11.41 min Scan# 1726

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Instrument :

MSVOA_X

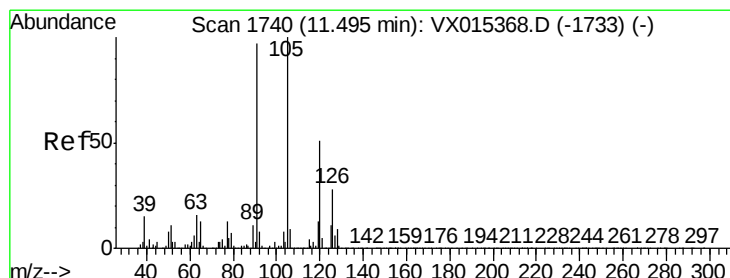
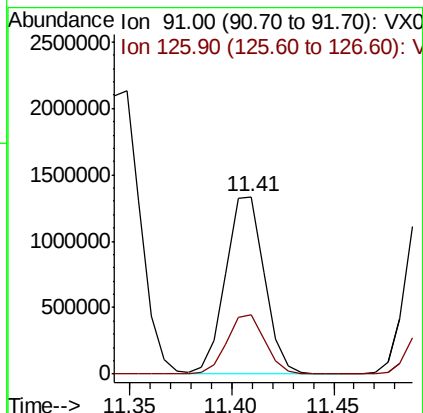
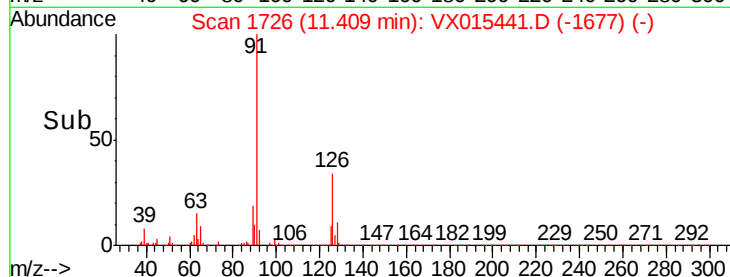
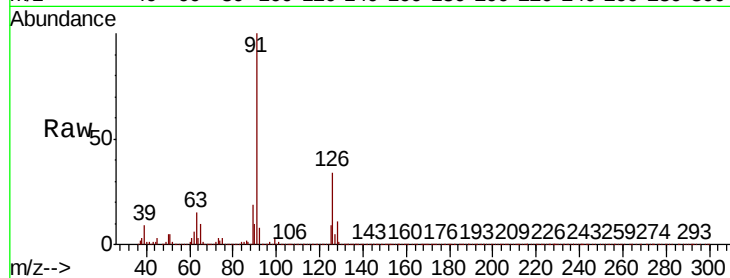
ClientSampleId :

Tot Ion: 91 Resp: 1769815

Ion Ratio Lower Upper

91 100

126 32.8 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 47.620 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015441.D

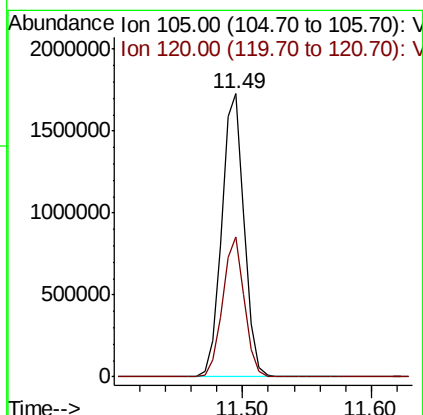
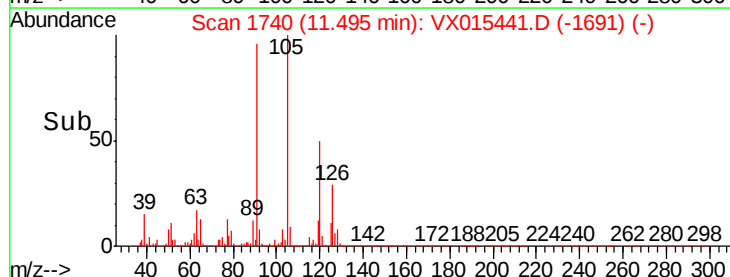
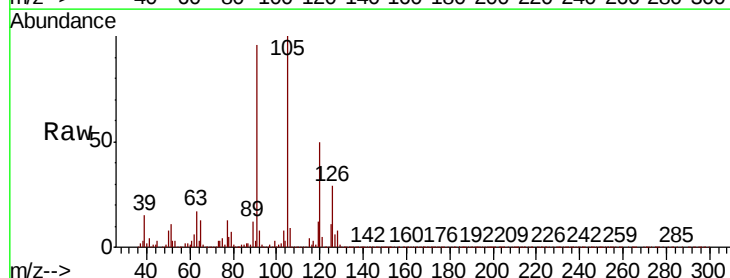
Acq: 30 Mar 2020 20:13

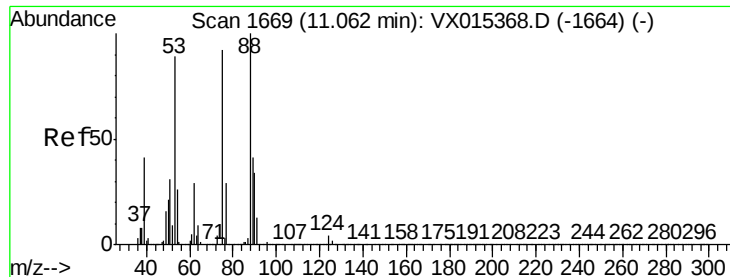
Tgt Ion: 105 Resp: 2111007

Ion Ratio Lower Upper

105 100

120 48.1 24.8 74.4

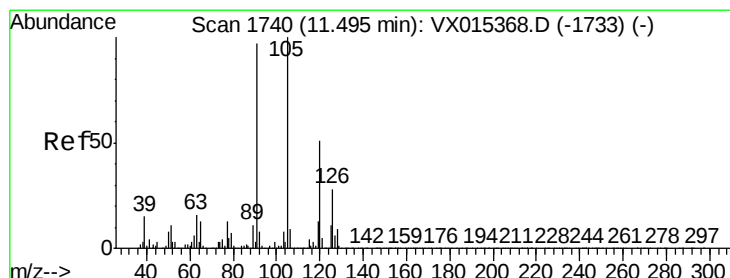
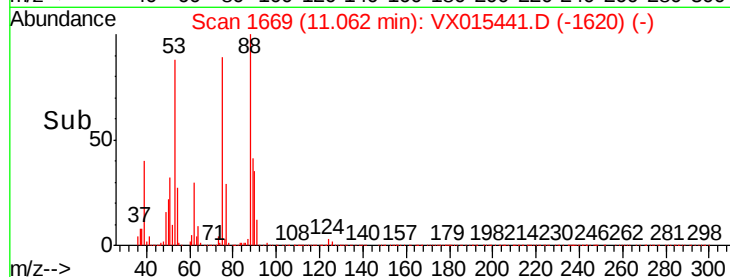
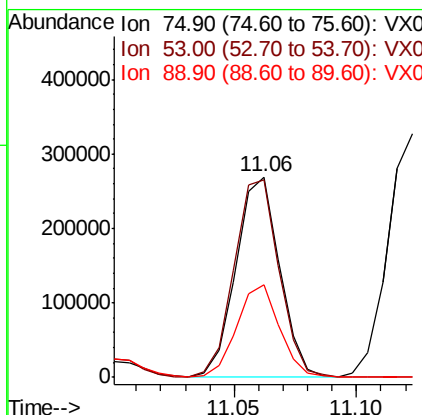
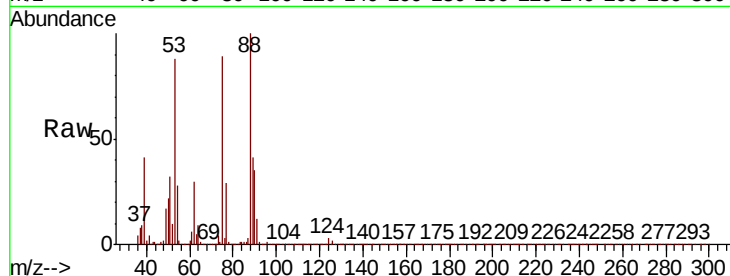




#81
trans-1,4-Dichloro-2-butene
Concen: 48.841 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

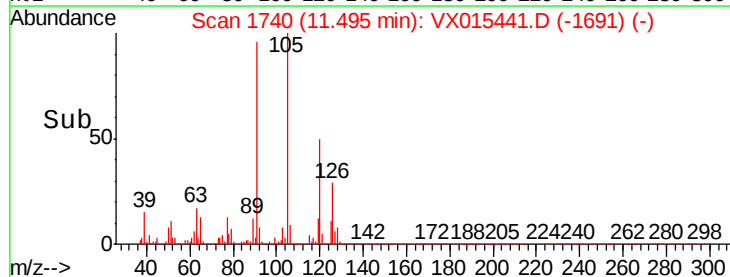
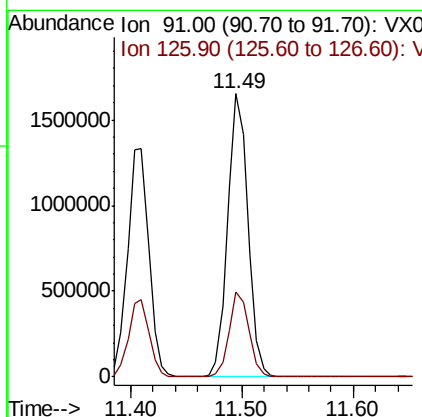
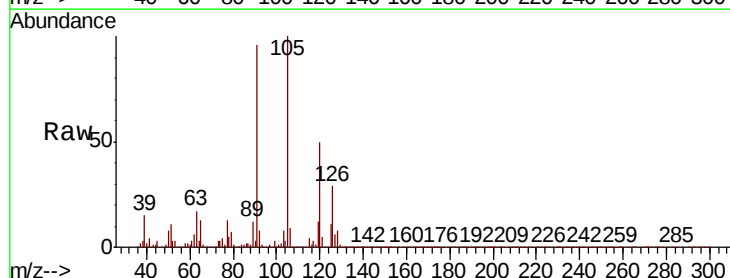
Instrument :
MSVOA_X
ClientSampleId :

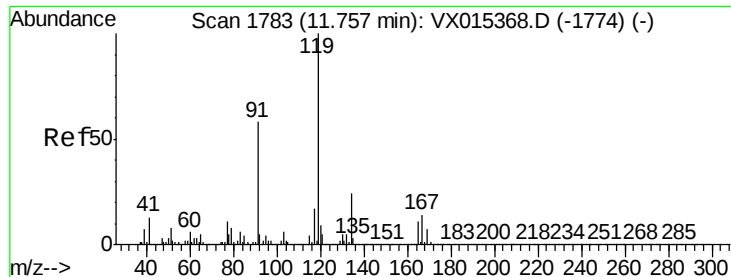
Tot Ion: 75 Resp: 331606
Ion Ratio Lower Upper
75 100
53 101.7 80.1 120.1
89 45.8 36.1 54.1



#82
4-Chlorotoluene
Concen: 48.787 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Tgt Ion: 91 Resp: 2080675
Ion Ratio Lower Upper
91 100
126 29.2 14.7 44.1

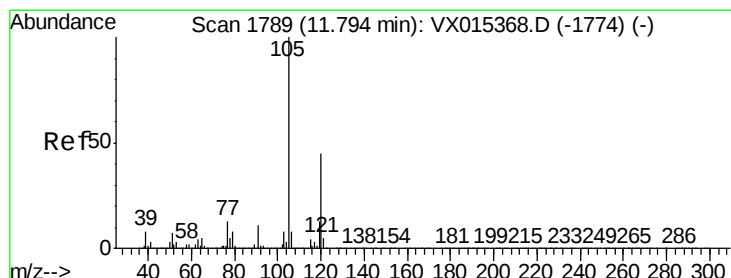
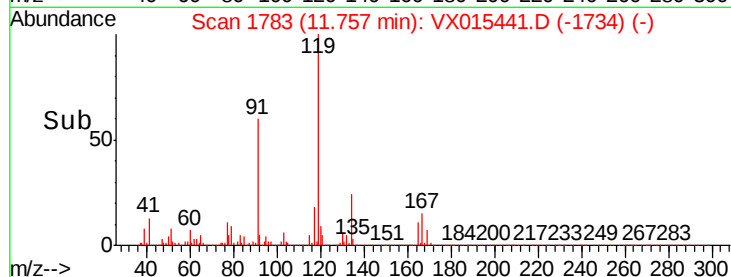
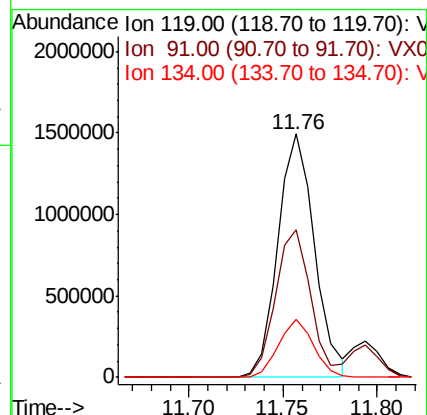
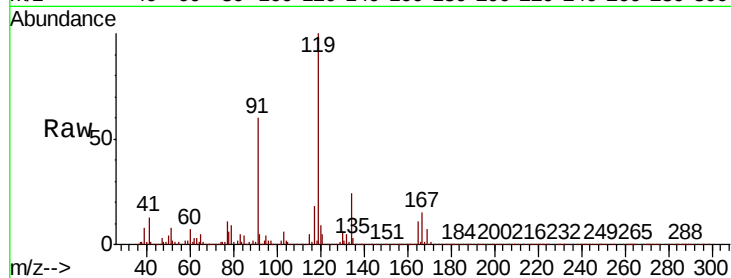




#83
tert-Butylbenzene
Concen: 46.328 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

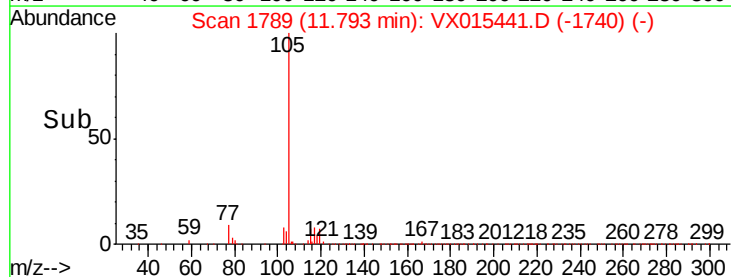
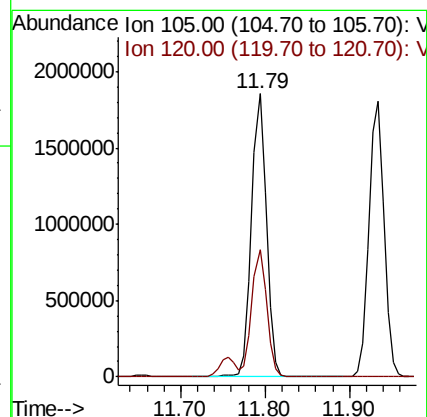
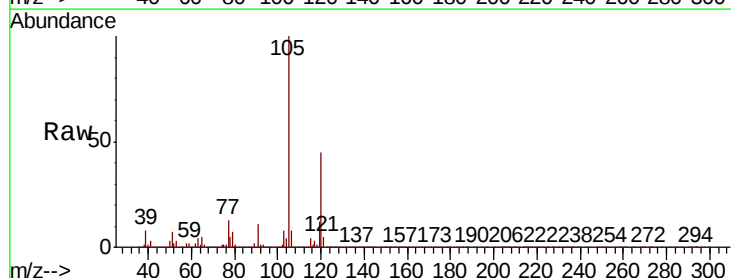
Instrument :
MSVOA_X
ClientSampleId :

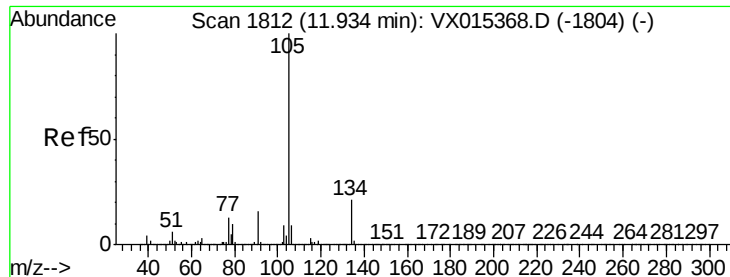
Tot Ion:119 Resp: 2006044
Ion Ratio Lower Upper
119 100
91 57.9 28.6 85.8
134 22.8 11.8 35.3



#84
1,2,4-Trimethylbenzene
Concen: 48.011 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Tgt Ion:105 Resp: 2168843
Ion Ratio Lower Upper
105 100
120 45.1 22.7 68.1

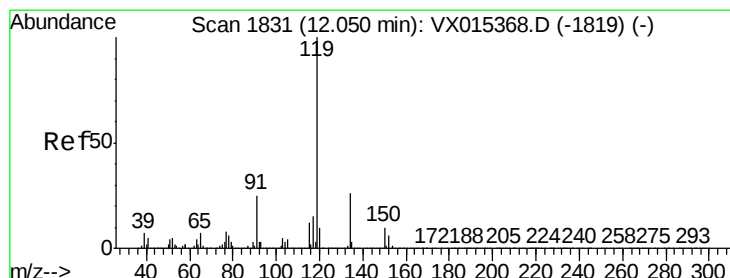
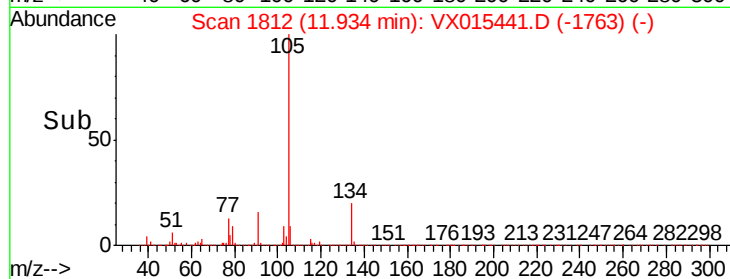
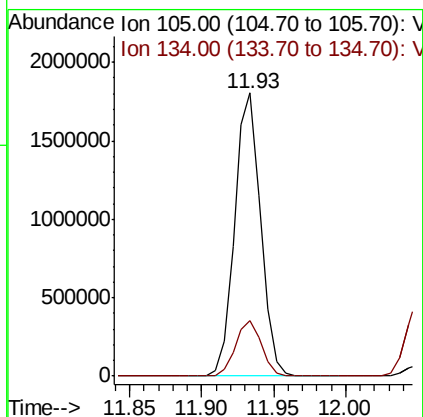
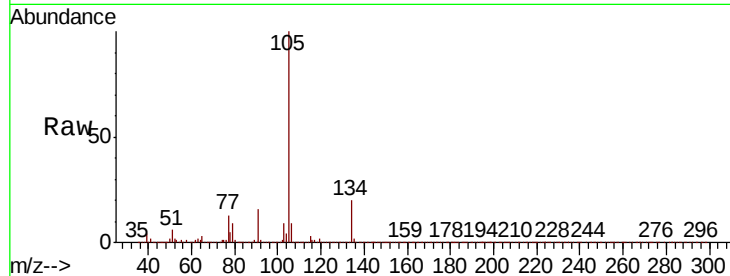




#85
 sec-Butylbenzene
 Concen: 45.232 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VX015441.D
 Acq: 30 Mar 2020 20:13

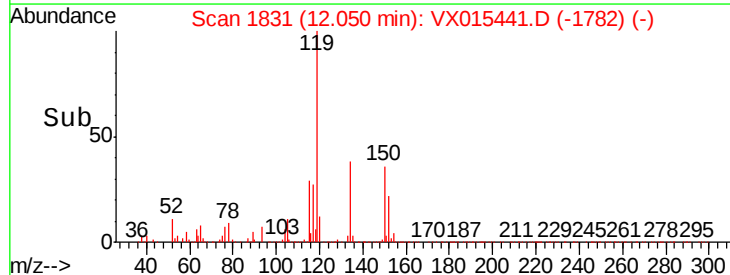
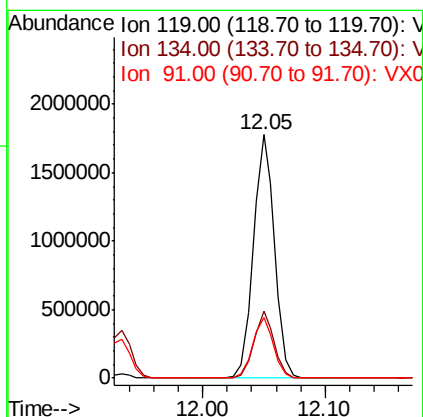
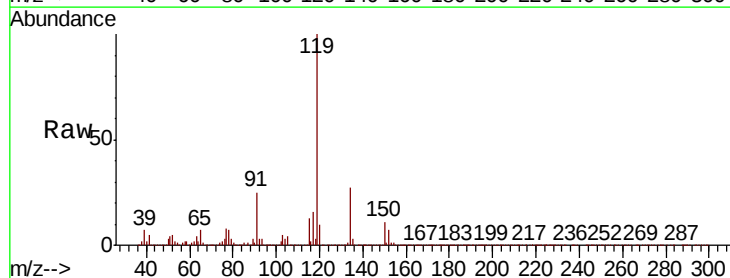
Instrument :
 MSVOA_X
 ClientSampleId :

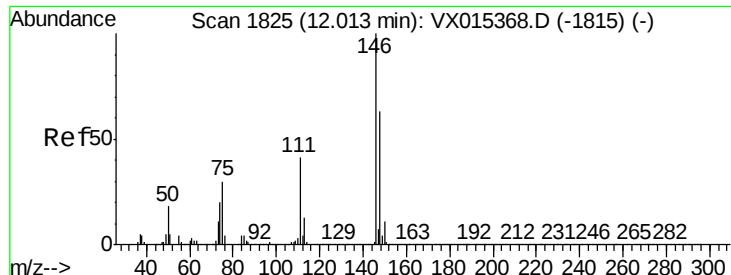
Tot Ion:105 Resp: 2265179
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 45.857 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: VX015441.D
 Acq: 30 Mar 2020 20:13

Tgt Ion:119 Resp: 2131925
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.3
 91 24.5 12.4 37.4

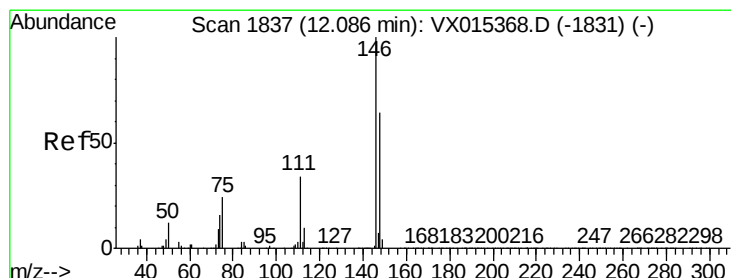
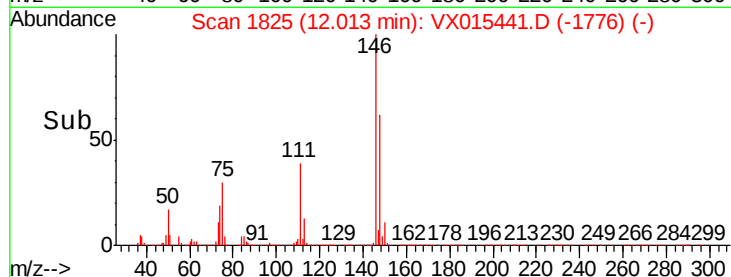
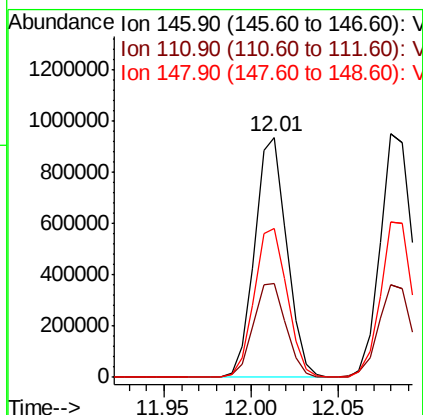
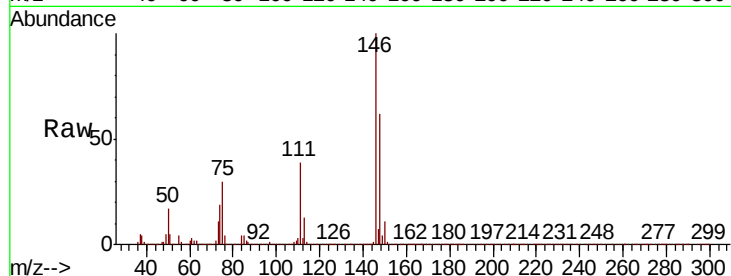




#87
 1,3-Dichlorobenzene
 Concen: 48.134 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: VX015441.D
 Acq: 30 Mar 2020 20:13

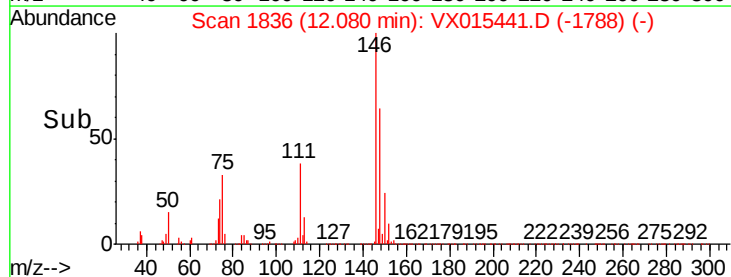
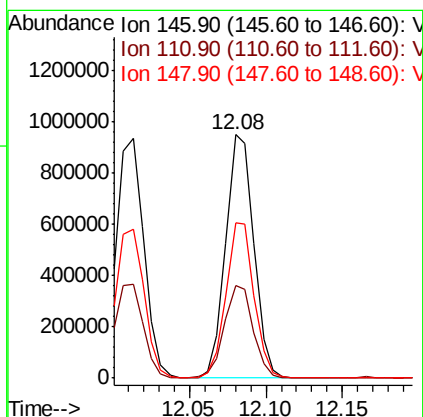
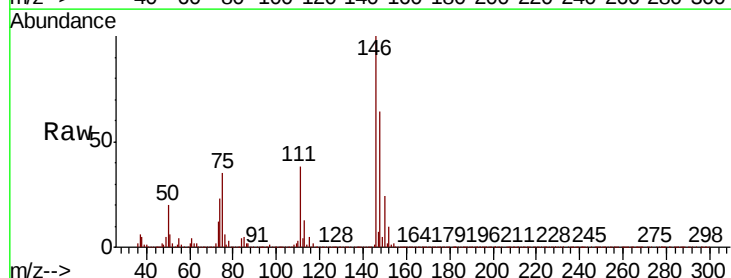
Instrument :
 MSVOA_X
 ClientSampleId :

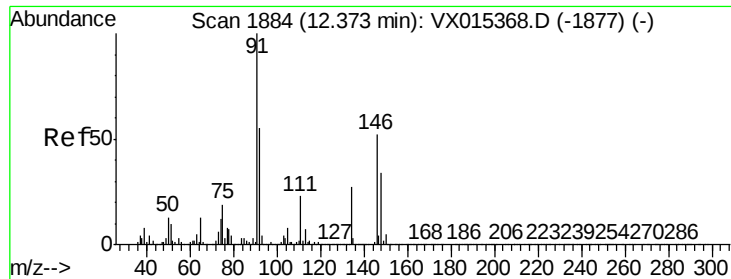
Tot Ion:146 Resp: 1193065
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.3 60.9
 148 63.8 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 47.846 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015441.D
 Acq: 30 Mar 2020 20:13

Tgt Ion:146 Resp: 1207964
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.1 57.5
 148 63.8 32.4 97.2

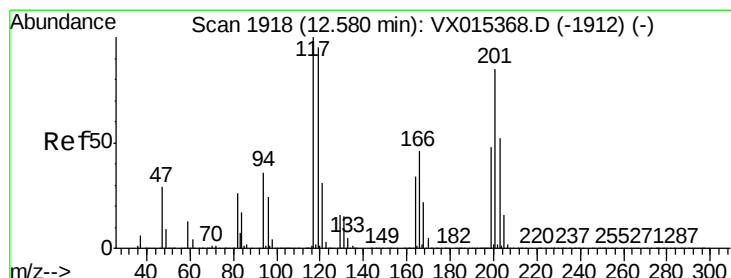
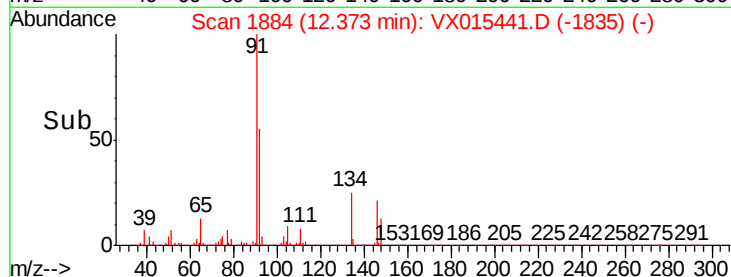
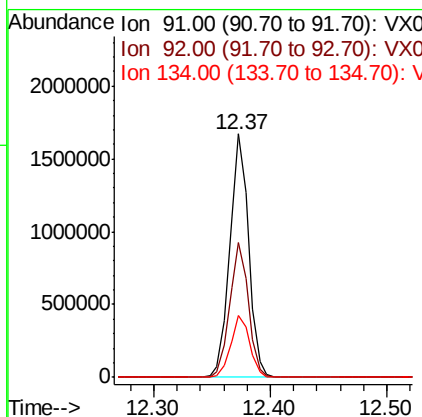
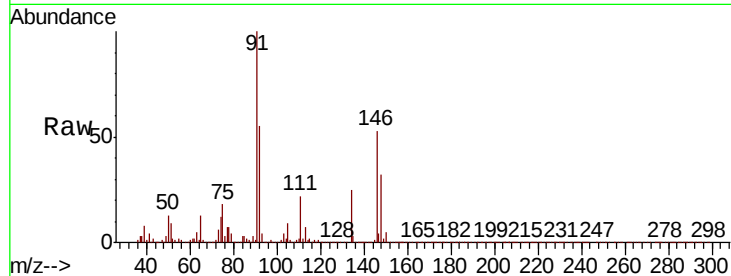




#89
n-Butylbenzene
Concen: 44.573 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

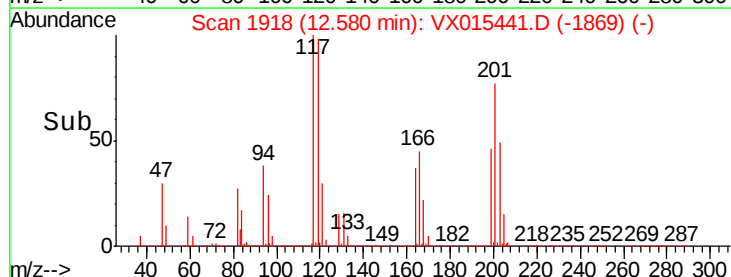
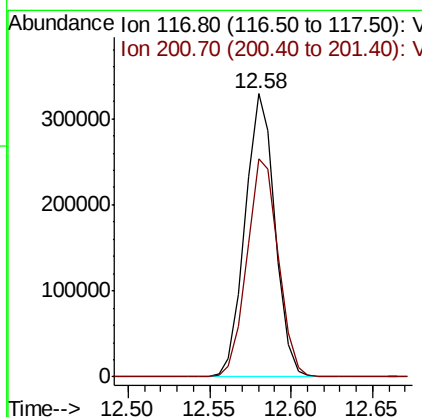
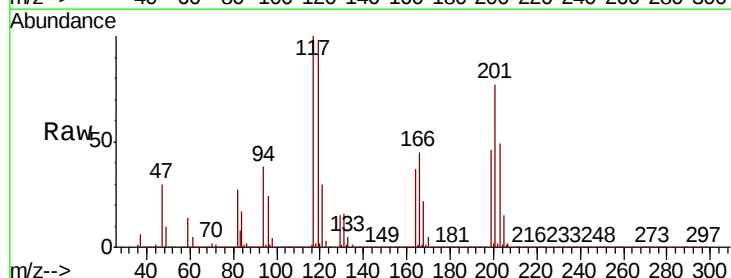
Instrument :
MSVOA_X
ClientSampled :

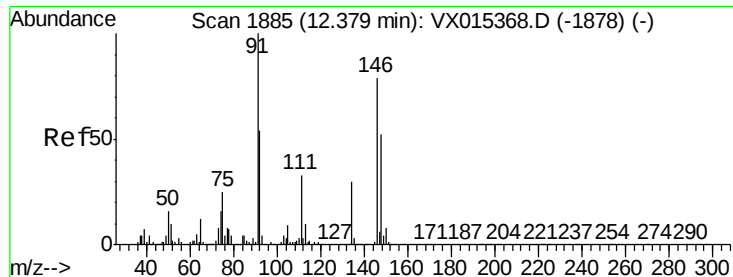
Tot Ion: 91 Resp: 1872628
Ion Ratio Lower Upper
91 100
92 55.0 27.2 81.5
134 25.7 13.4 40.2



#90
Hexachloroethane
Concen: 46.362 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Tgt Ion: 117 Resp: 419525
Ion Ratio Lower Upper
117 100
201 80.8 42.6 128.0





#91

1,2-Dichlorobenzene

Concen: 49.378 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

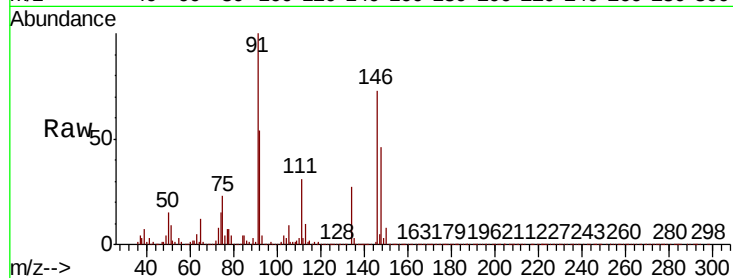
Tot Ion:146 Resp: 1197748

Ion Ratio Lower Upper

146 100

111 41.5 21.0 63.0

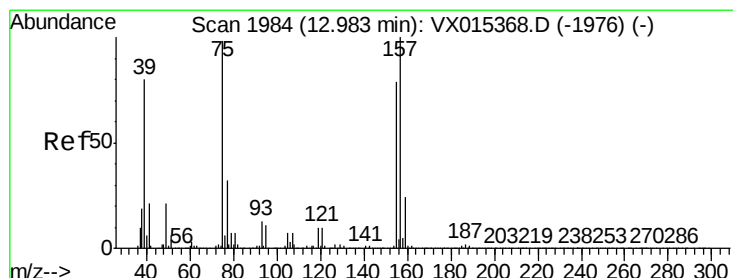
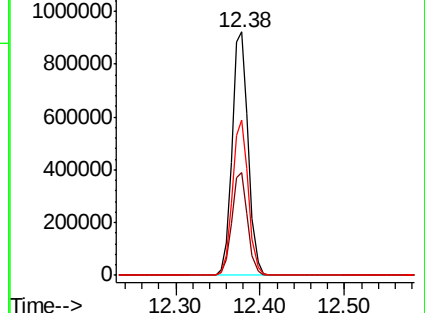
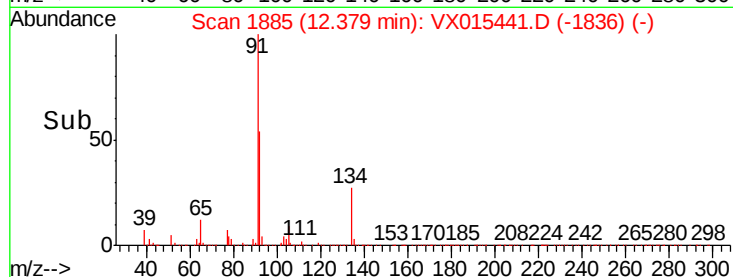
148 63.1 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.216 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

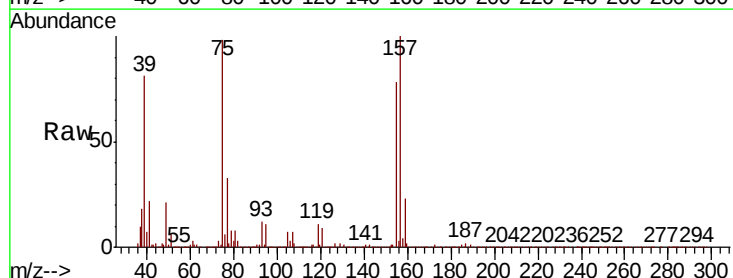
Tgt Ion: 75 Resp: 232329

Ion Ratio Lower Upper

75 100

155 82.9 42.8 128.4

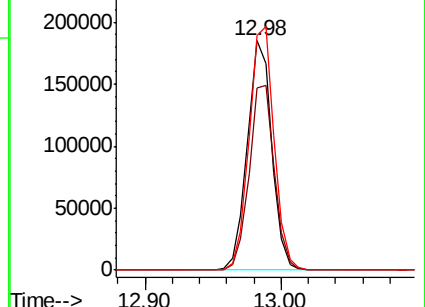
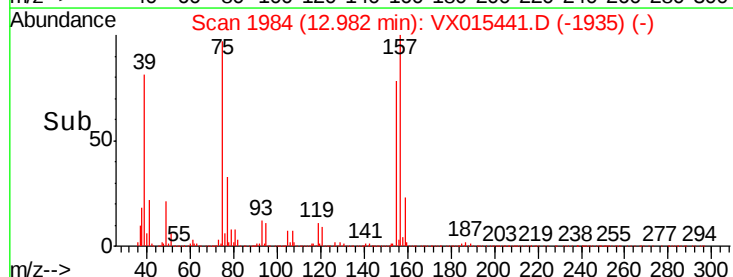
157 108.6 53.4 160.3

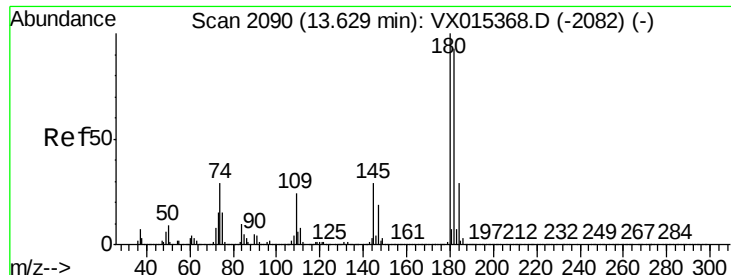


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

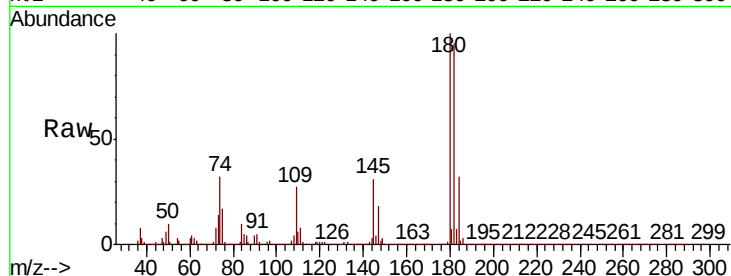




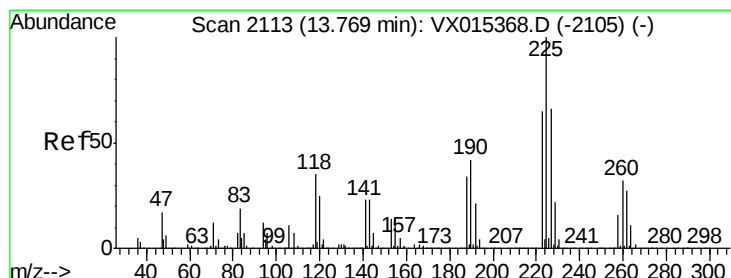
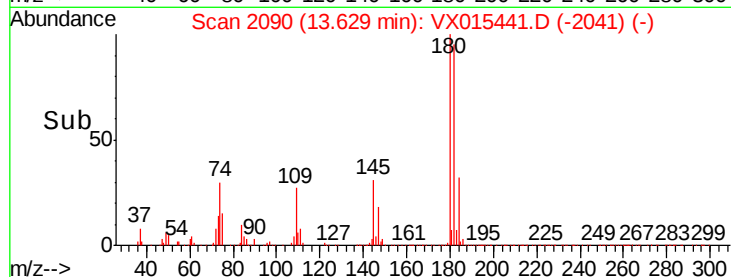
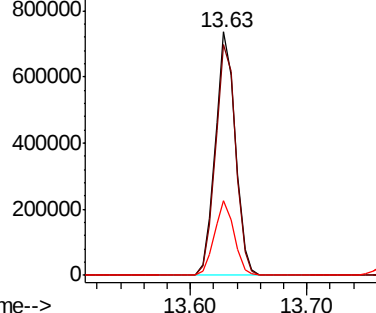
#93
 1,2,4-Trichlorobenzene
 Concen: 45.942 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015441.D
 Acq: 30 Mar 2020 20:13

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 881481
 Ion Ratio Lower Upper
 180 100
 182 96.2 46.9 140.7
 145 30.3 14.9 44.5

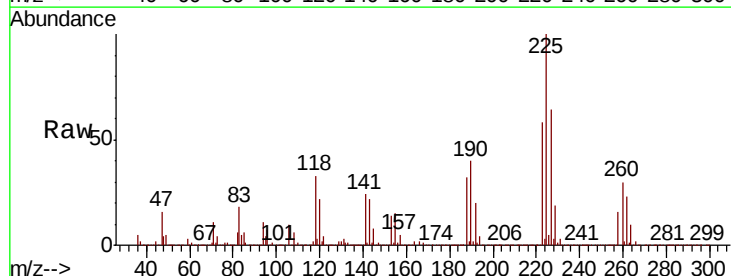


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

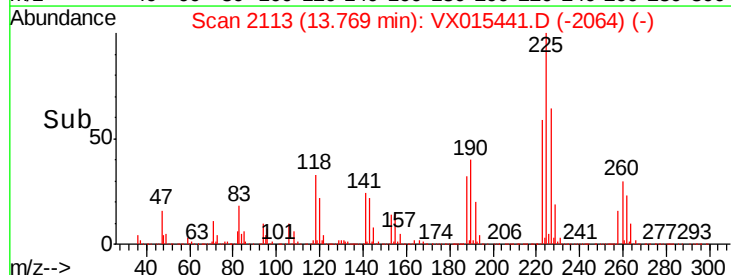
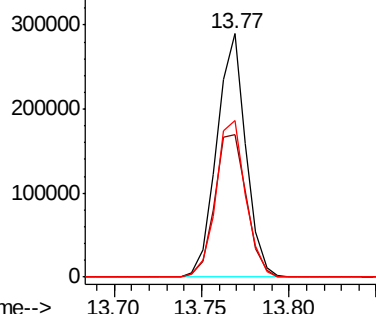


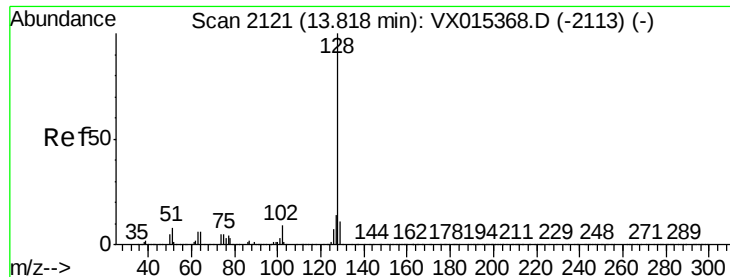
#94
 Hexachlorobutadiene
 Concen: 36.478 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015441.D
 Acq: 30 Mar 2020 20:13

Tgt Ion:225 Resp: 333224
 Ion Ratio Lower Upper
 225 100
 223 64.3 31.9 95.7
 227 65.7 30.4 91.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 48.077 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

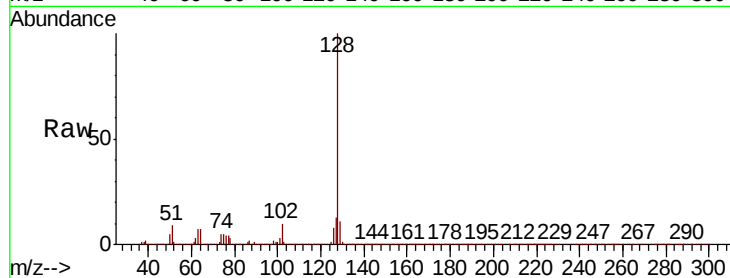
Tot Ion:128 Resp: 2813774

Ion Ratio Lower Upper

128 100

127 13.5 10.6 15.8

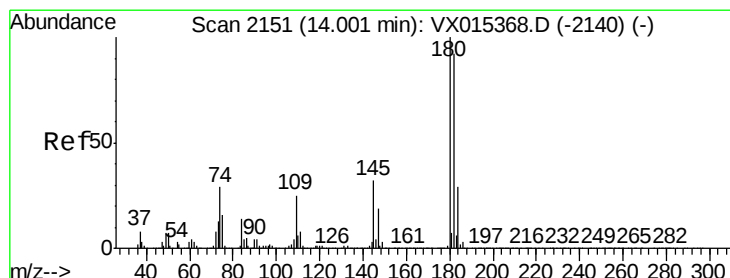
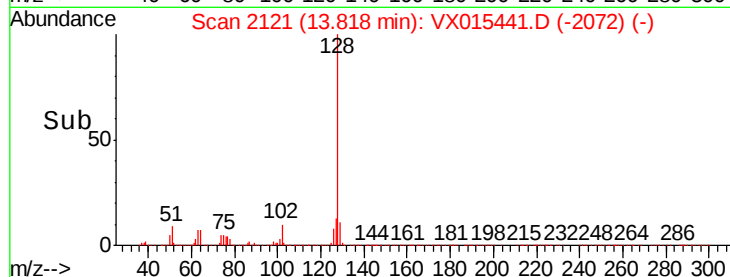
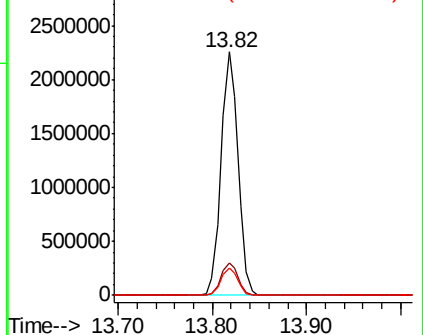
129 11.3 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.000 ug/l

RT: 14.00 min Scan# 2151

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

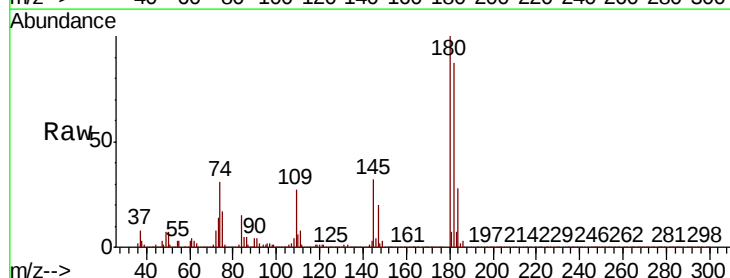
Tgt Ion:180 Resp: 886698

Ion Ratio Lower Upper

180 100

182 95.9 46.7 140.0

145 32.3 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

