

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010820\
 Data File : VX014485.D
 Acq On : 08 Jan 2020 20:36
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 09 06:13:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	497269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	760056	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	692915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	342536	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	271442	48.90	ug/l	0.00
Spiked Amount			Recovery	=	97.80%	
35) Dibromofluoromethane	5.49	113	223662	48.61	ug/l	0.00
Spiked Amount			Recovery	=	97.22%	
50) Toluene-d8	8.71	98	885475	49.59	ug/l	0.00
Spiked Amount			Recovery	=	99.18%	
62) 4-Bromofluorobenzene	11.13	95	317610	48.46	ug/l	0.00
Spiked Amount			Recovery	=	96.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	306429	49.636	ug/l	98
3) Chloromethane	1.32	50	319186	50.355	ug/l	99
4) Vinyl Chloride	1.40	62	367778	52.069	ug/l	98
5) Bromomethane	1.63	94	207135	44.241	ug/l	99
6) Chloroethane	1.72	64	197338	51.305	ug/l	99
7) Trichlorofluoromethane	1.92	101	390058	48.682	ug/l	97
8) Diethyl Ether	2.18	74	175246	47.942	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	232108	47.616	ug/l	99
10) Methyl Iodide	2.50	142	321704	55.115	ug/l	99
11) Tert butyl alcohol	3.03	59	270472	233.350	ug/l	99
12) 1,1-Dichloroethene	2.37	96	229609	46.751	ug/l	98
13) Acrolein	2.28	56	209195	225.174	ug/l	100
14) Allyl chloride	2.72	41	414324	48.051	ug/l	100
15) Acrylonitrile	3.13	53	688925	246.266	ug/l	99
16) Acetone	2.43	43	657067	235.831	ug/l	98
17) Carbon Disulfide	2.56	76	627154	45.765	ug/l	100
18) Methyl Acetate	2.76	43	432639	54.225	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	783452	49.693	ug/l	99
20) Methylene Chloride	2.85	84	262851	47.068	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	247222	46.109	ug/l	98
22) Diisopropyl ether	3.84	45	839881	50.403	ug/l	94
23) Vinyl Acetate	3.80	43	2503493	194.052	ug/l	100
24) 1,1-Dichloroethane	3.69	63	453099	49.984	ug/l	100
25) 2-Butanone	4.65	43	984879	237.514	ug/l	100
26) 2,2-Dichloropropane	4.58	77	341137	44.425	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	289715	48.335	ug/l	98
28) Bromochloromethane	5.00	49	182373	47.746	ug/l	96
29) Tetrahydrofuran	5.11	42	620361	253.039	ug/l	99
30) Chloroform	5.20	83	441208	49.809	ug/l	98
31) Cyclohexane	5.57	56	426273	50.239	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	374825	49.435	ug/l	100
36) 1,1-Dichloropropene	5.79	75	338251	47.324	ug/l	99
37) Ethyl Acetate	4.82	43	371458	47.845	ug/l	100
38) Carbon Tetrachloride	5.78	117	321244	48.840	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	427048	47.556	ug/l	97
40) Benzene	6.14	78	1036543	48.861	ug/l	99
41) Methacrylonitrile	5.03	41	212023	51.210	ug/l	98
42) 1,2-Dichloroethane	6.18	62	349613	47.135	ug/l	100
43) Isopropyl Acetate	6.43	43	619141	49.366	ug/l	100
44) Trichloroethene	7.20	130	304154	49.890	ug/l	99
45) 1,2-Dichloropropane	7.51	63	268392	49.624	ug/l	99
46) Dibromomethane	7.65	93	172969	45.820	ug/l	99
47) Bromodichloromethane	7.89	83	342118	49.807	ug/l	97
48) Methyl methacrylate	7.76	41	304987	50.773	ug/l	99
49) 1,4-Dioxane	7.73	88	118543	931.357	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1901351	248.781	ug/l	100
52) Toluene	8.78	92	658375	48.481	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	379599	47.468	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	425832	49.294	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	265380	48.653	ug/l	100
56) Ethyl methacrylate	9.17	69	421897	50.486	ug/l	98
57) 1,3-Dichloropropane	9.37	76	443735	48.655	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	742215	261.048	ug/l	99
59) 2-Hexanone	9.48	43	1481228	244.944	ug/l	99
60) Dibromochloromethane	9.58	129	277636	50.641	ug/l	100
61) 1,2-Dibromoethane	9.67	107	280221	48.498	ug/l	98
64) Tetrachloroethene	9.33	164	411223	59.215	ug/l	98
65) Chlorobenzene	10.14	112	701843	46.673	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	260185	48.484	ug/l	99
67) Ethyl Benzene	10.25	91	1238244	48.311	ug/l	98
68) m/p-Xylenes	10.35	106	949946	96.070	ug/l	99
69) o-Xylene	10.70	106	461428	48.909	ug/l	98
70) Styrene	10.71	104	796956	48.949	ug/l	99
71) Bromoform	10.85	173	213297	48.580	ug/l #	98
73) Isopropylbenzene	11.01	105	1224500	50.907	ug/l	100
74) N-amyl acetate	10.89	43	550254	51.852	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	360753	46.767	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	463875	65.453	ug/l	80
77) Bromobenzene	11.25	156	320613	48.064	ug/l	99
78) n-propylbenzene	11.35	91	1386193	50.321	ug/l	100
79) 2-Chlorotoluene	11.42	91	810982	49.396	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1014686	50.810	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	134204	50.064	ug/l	99
82) 4-Chlorotoluene	11.51	91	932449	48.385	ug/l	99
83) tert-Butylbenzene	11.76	119	867207	45.960	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	1025245	50.808	ug/l	100
85) sec-Butylbenzene	11.94	105	1177654	50.205	ug/l	100
86) p-Isopropyltoluene	12.06	119	1079093	49.575	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	566196	47.296	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	561311	49.908	ug/l	99
89) n-Butylbenzene	12.39	91	930932	46.776	ug/l	100
90) Hexachloroethane	12.59	117	187391	49.011	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	560973	47.828	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	84525	48.714	ug/l	99

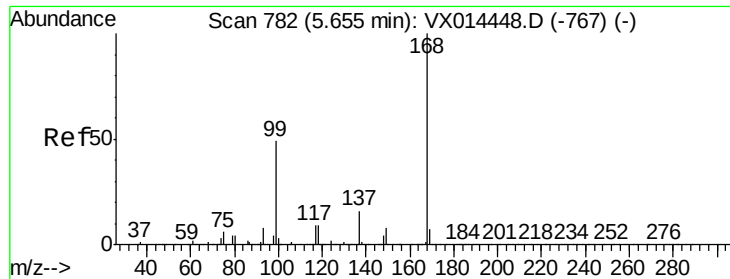
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	384191	46.664	ug/l	98
94) Hexachlorobutadiene	13.78	225	184712	47.913	ug/l	99
95) Naphthalene	13.83	128	1180950	46.221	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	384430	47.572	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Instrument :

MSVOA_X

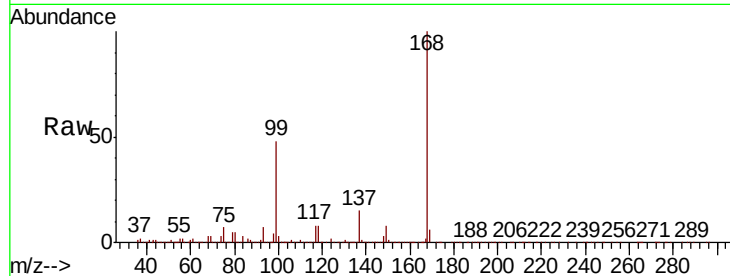
ClientSampleId :

Tot Ion:168 Resp: 497269

Ion Ratio Lower Upper

168 100

99 47.7 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

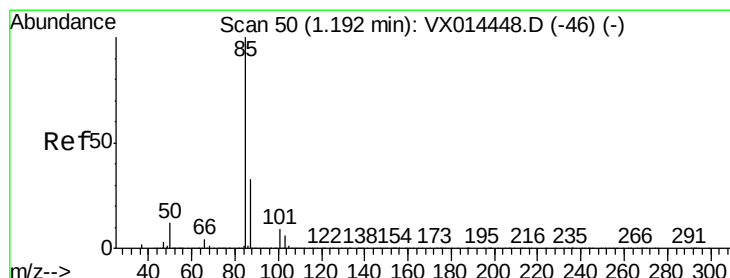
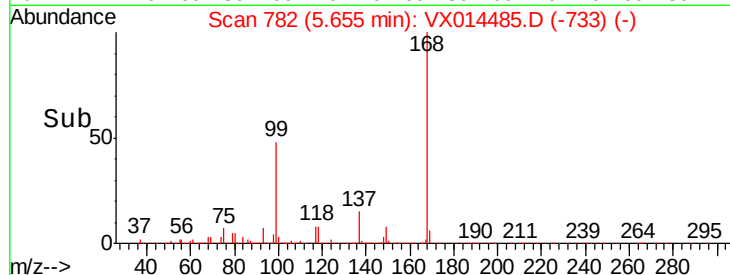
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 49.636 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014485.D

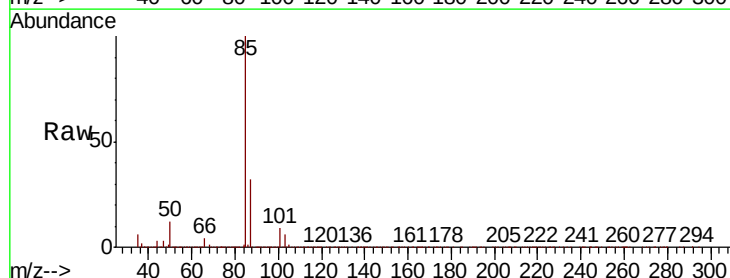
Acq: 08 Jan 2020 20:36

Tgt Ion: 85 Resp: 306429

Ion Ratio Lower Upper

85 100

87 31.9 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

300000

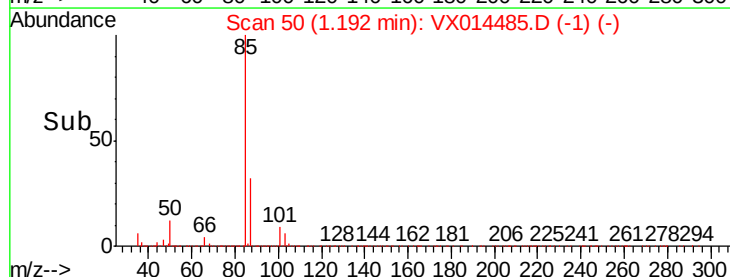
200000

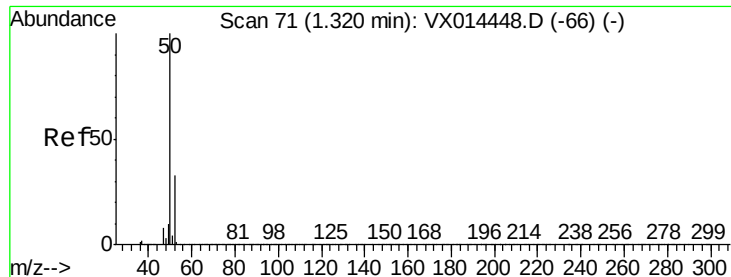
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0

1.10 1.20 1.30

Time-->

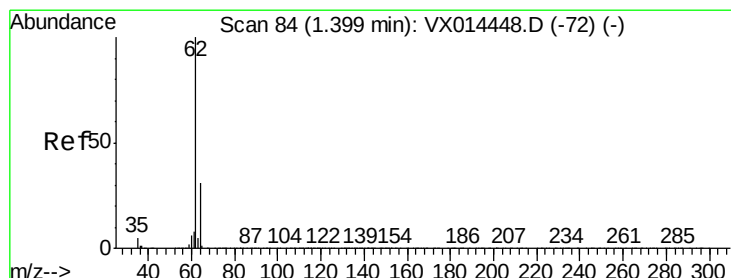
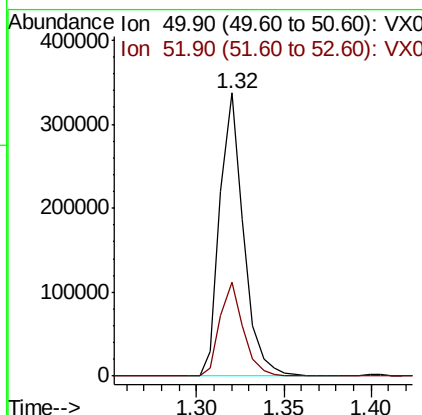
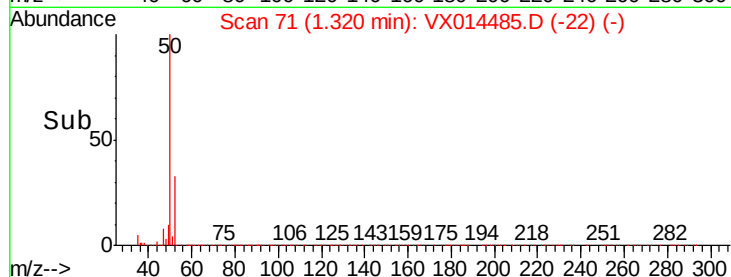
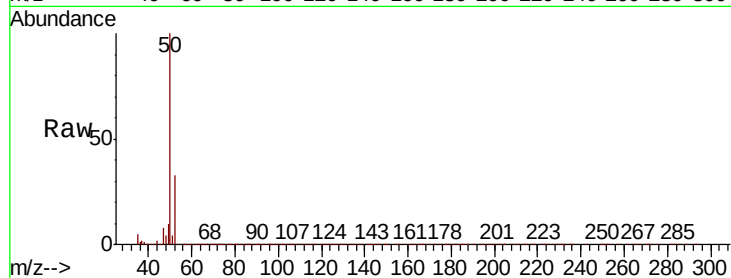




#3
Chloromethane
Concen: 50.355 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

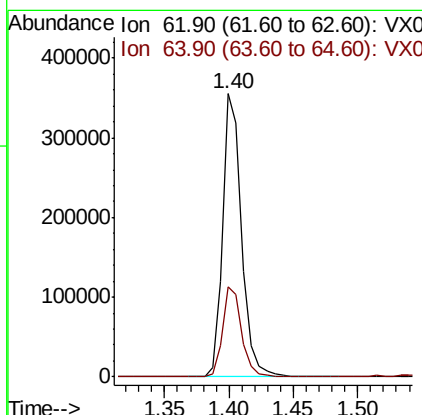
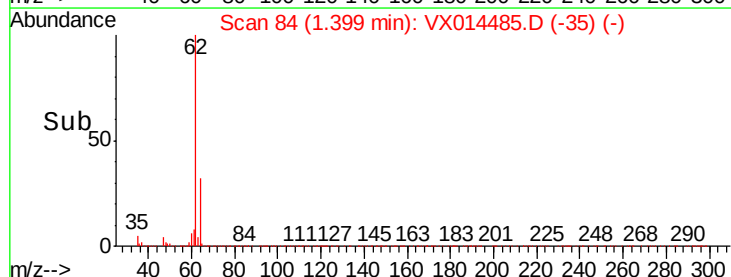
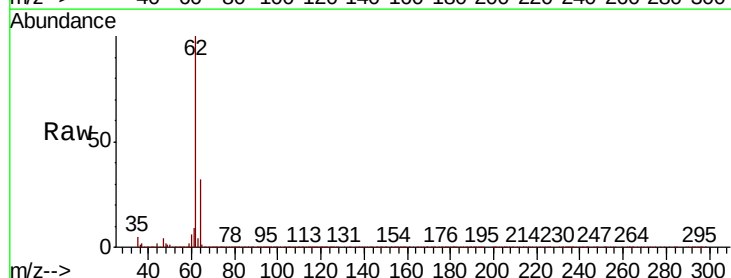
Instrument :
MSVOA_X
ClientSampleId :

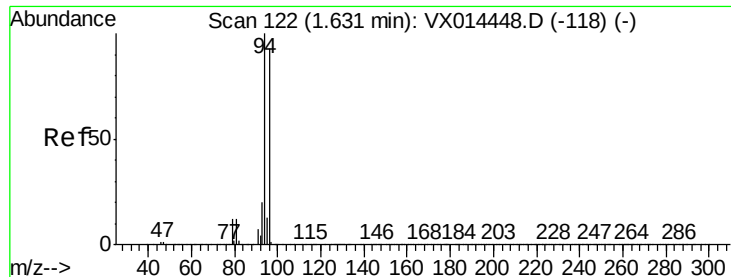
Tot Ion: 50 Resp: 319186
Ion Ratio Lower Upper
50 100
52 33.1 26.1 39.1



#4
Vinyl Chloride
Concen: 52.069 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Tgt Ion: 62 Resp: 367778
Ion Ratio Lower Upper
62 100
64 31.6 24.6 37.0





#5

Bromomethane

Concen: 44.241 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Instrument :

MSVOA_X

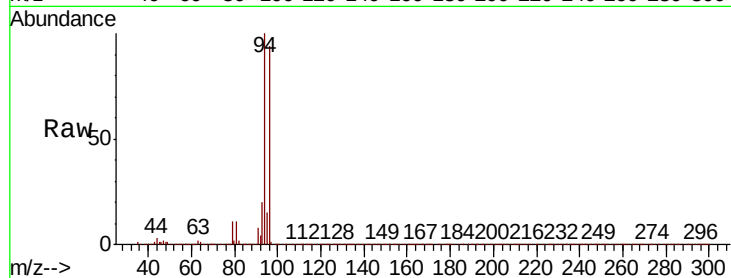
ClientSampleId :

Tot Ion: 94 Resp: 207135

Ion Ratio Lower Upper

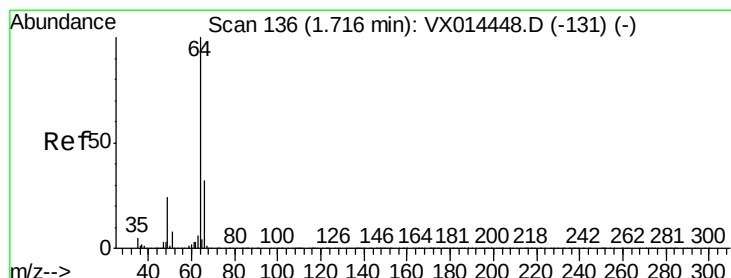
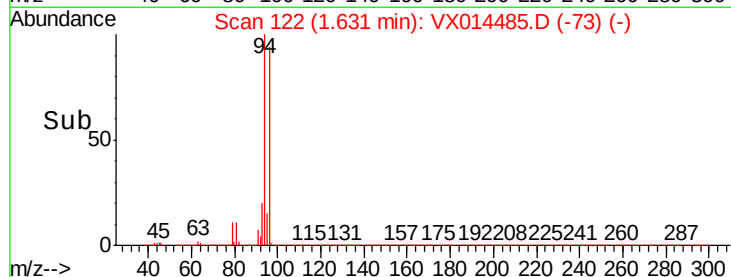
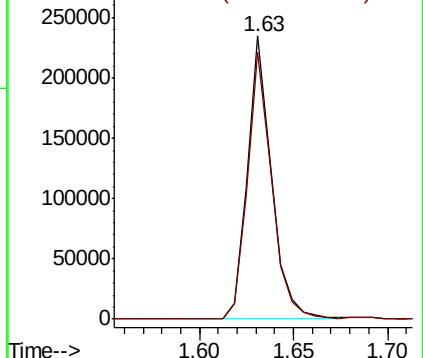
94 100

96 94.0 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.305 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014485.D

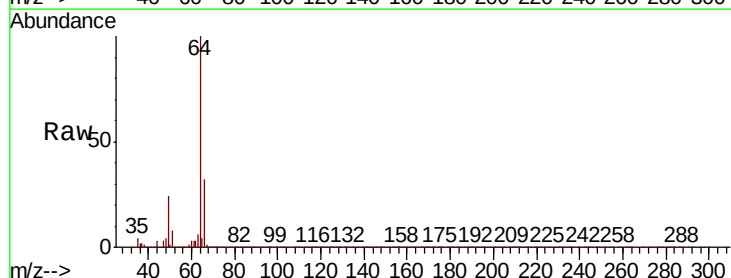
Acq: 08 Jan 2020 20:36

Tgt Ion: 64 Resp: 197338

Ion Ratio Lower Upper

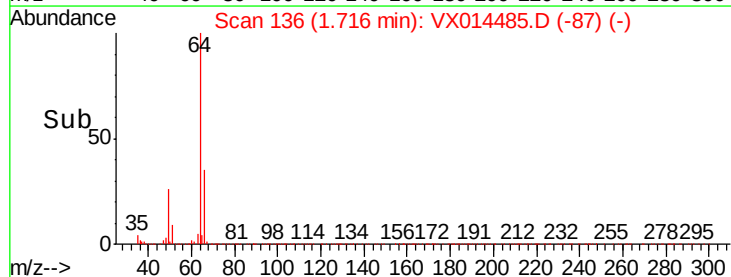
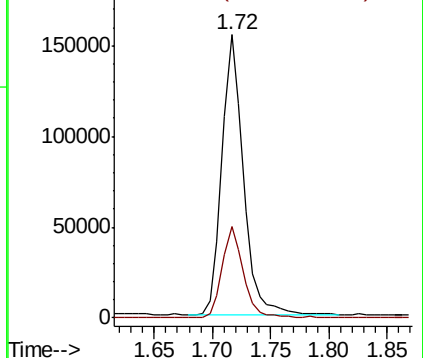
64 100

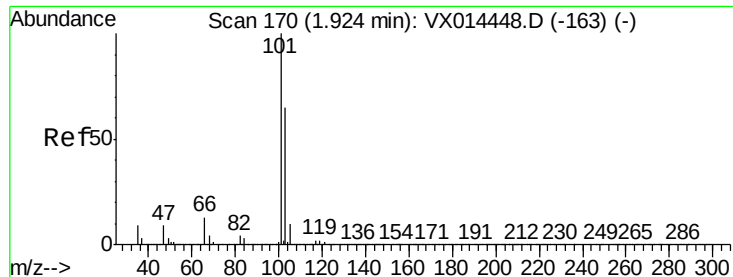
66 32.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



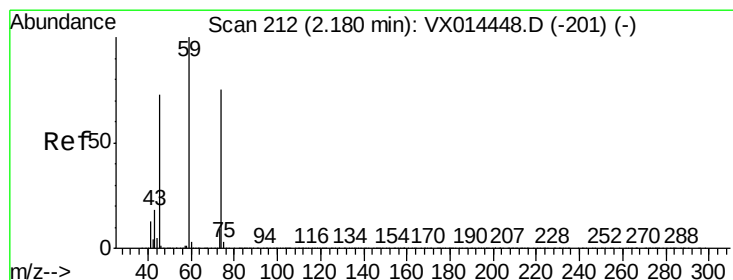
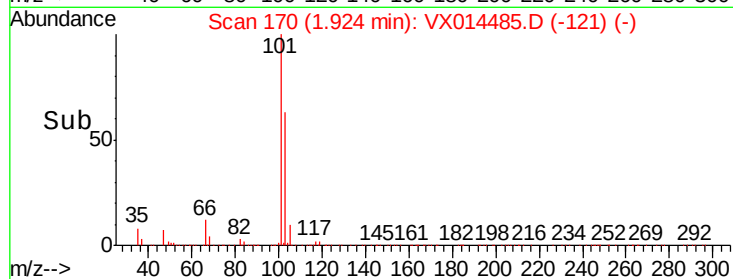
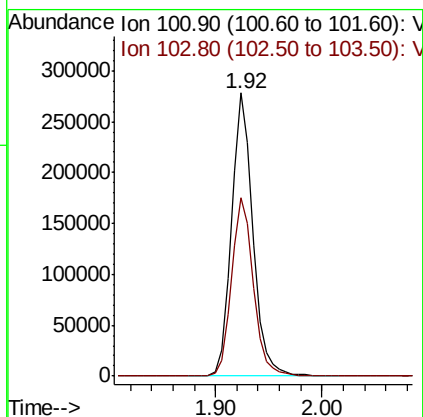
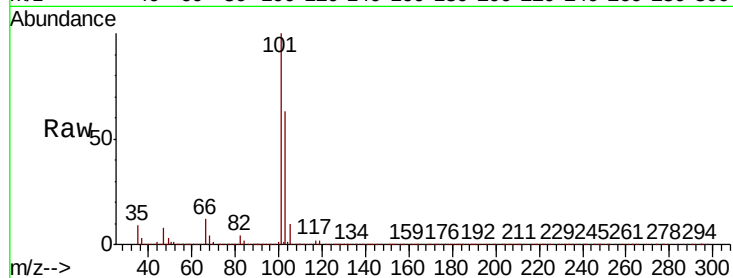


#7

Trichlorofluoromethane
Concen: 48.682 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Instrument :
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ClientSampleId :

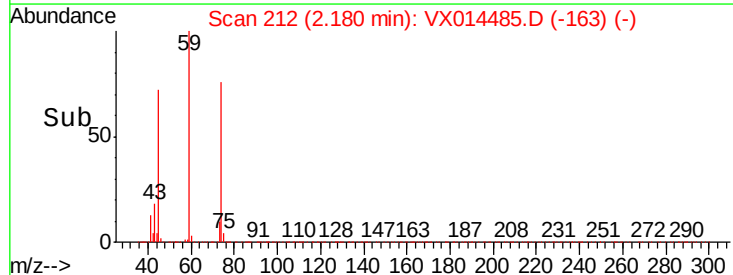
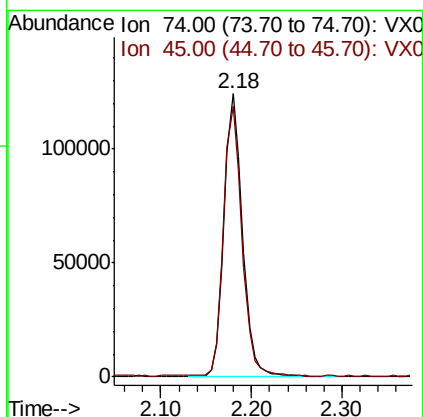
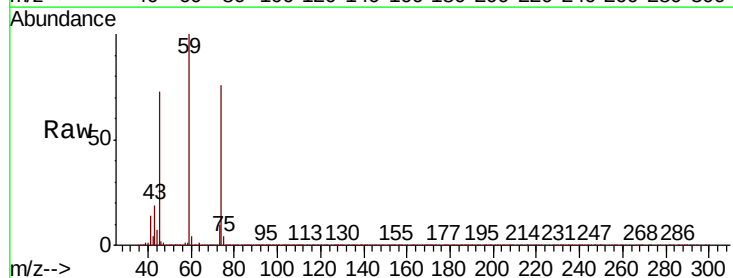
Tot Ion:101 Resp: 390058
Ion Ratio Lower Upper
101 100
103 62.9 52.2 78.4

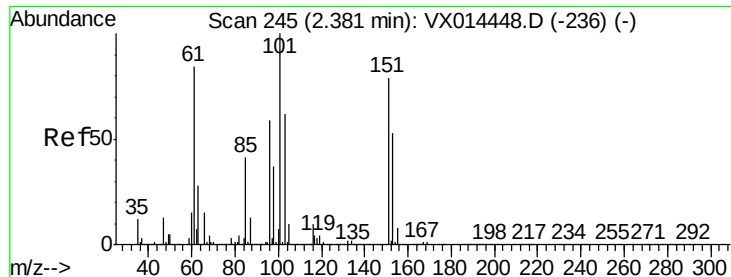


#8

Diethyl Ether
Concen: 47.942 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Tgt Ion: 74 Resp: 175246
Ion Ratio Lower Upper
74 100
45 96.6 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.616 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

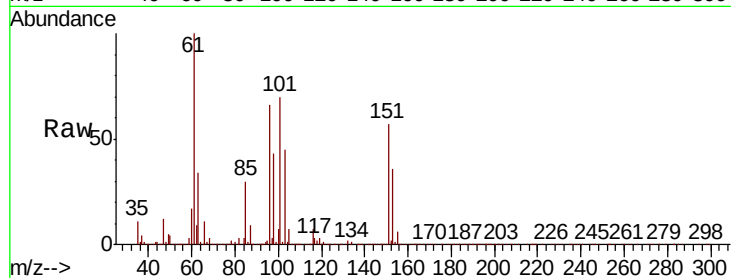
Tot Ion:101 Resp: 232108

Ion Ratio Lower Upper

101 100

85 41.3 33.8 50.8

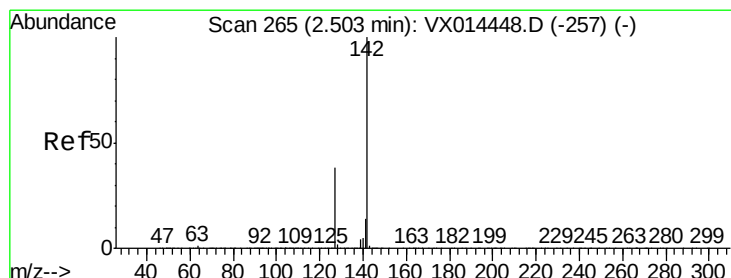
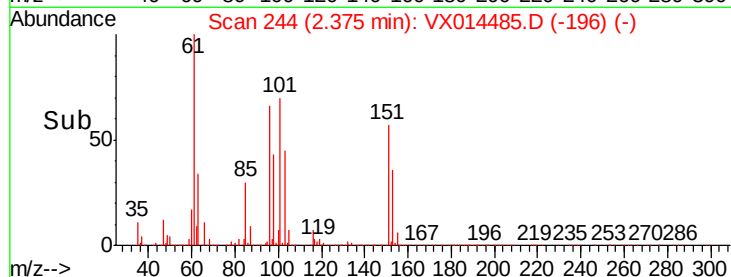
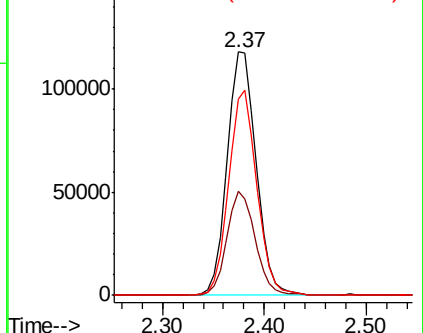
151 81.3 65.3 97.9



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: 55.115 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

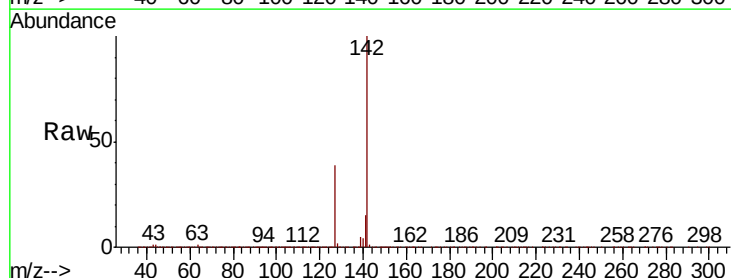
Tgt Ion:142 Resp: 321704

Ion Ratio Lower Upper

142 100

127 38.0 31.2 46.8

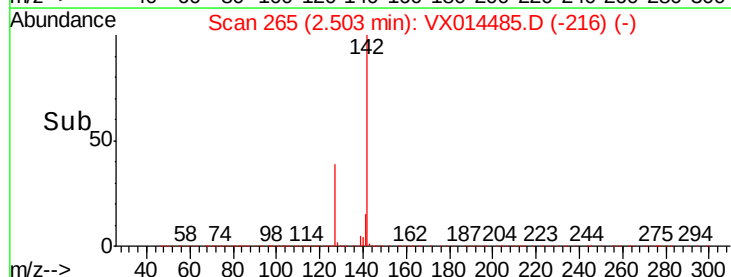
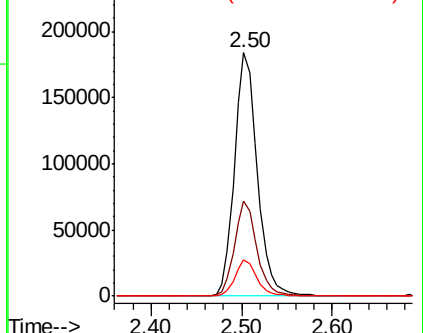
141 14.2 11.4 17.2

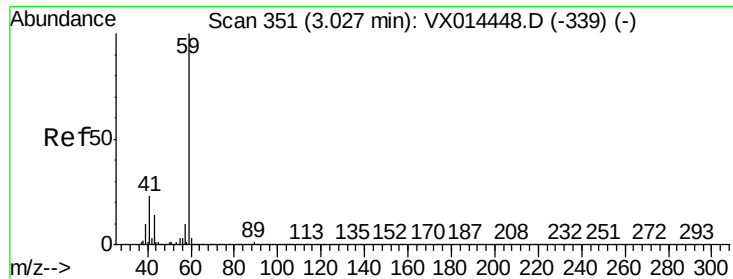


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

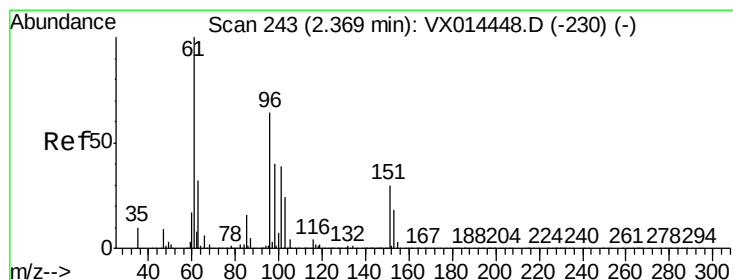
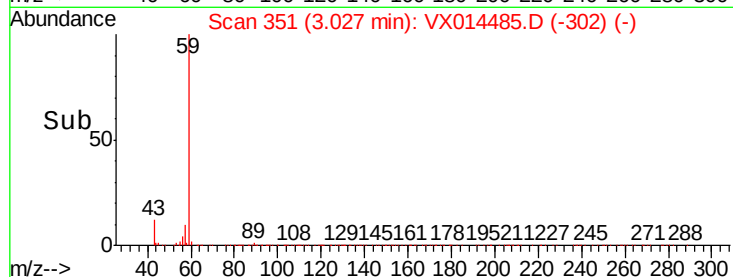
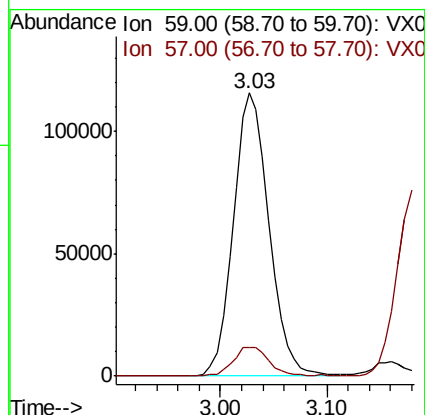
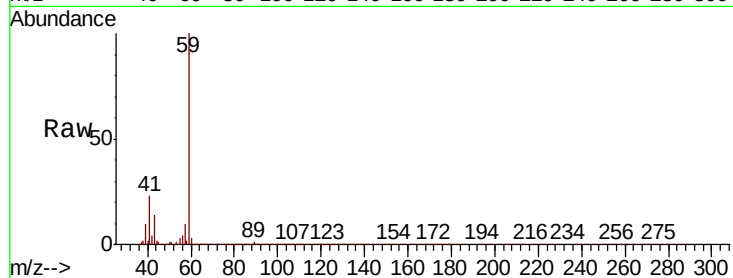




#11
Tert butyl alcohol
Concen: 233.350 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

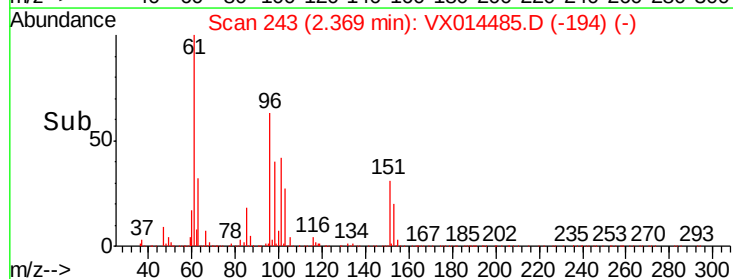
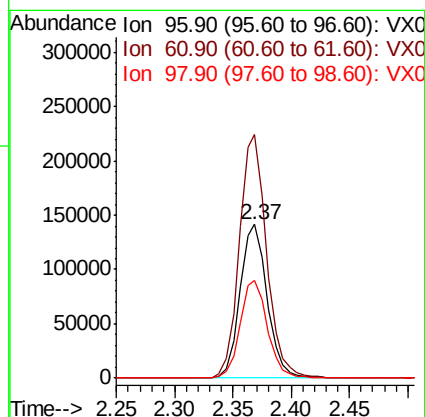
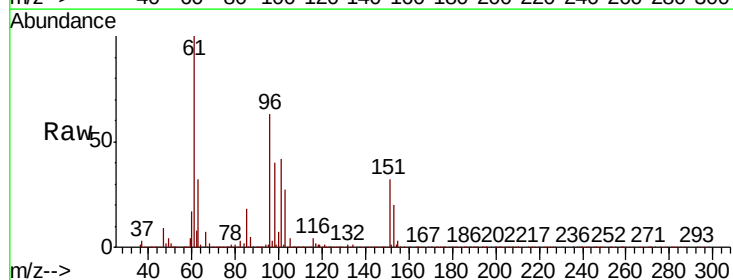
Instrument :
MSVOA_X
ClientSampleId :

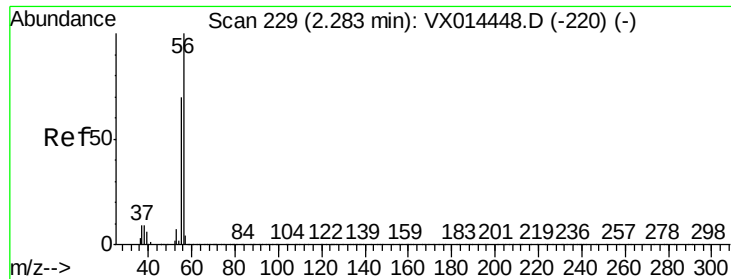
Tot Ion: 59 Resp: 270472
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7



#12
1,1-Dichloroethene
Concen: 46.751 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Tgt Ion: 96 Resp: 229609
Ion Ratio Lower Upper
96 100
61 158.7 125.0 187.6
98 64.0 50.2 75.2

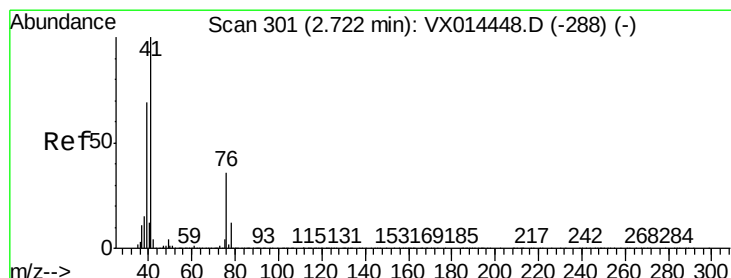
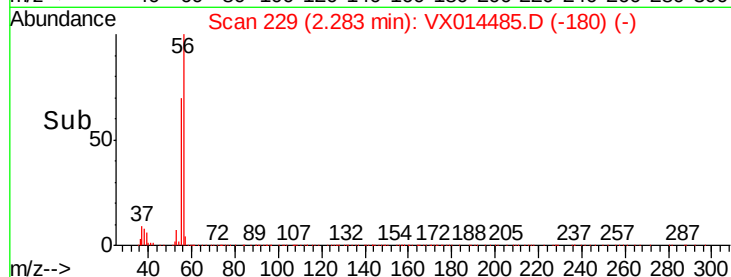
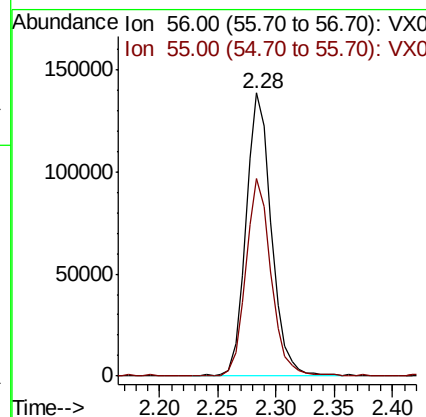
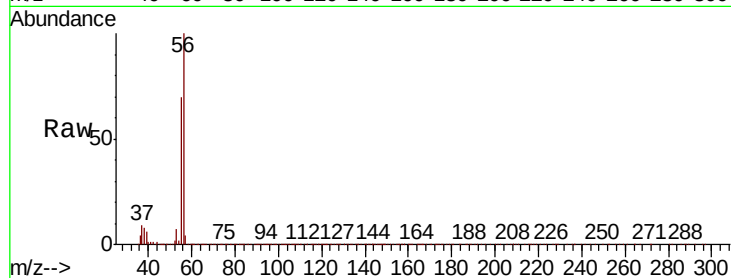




#13
Acrolein
Concen: 225.174 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

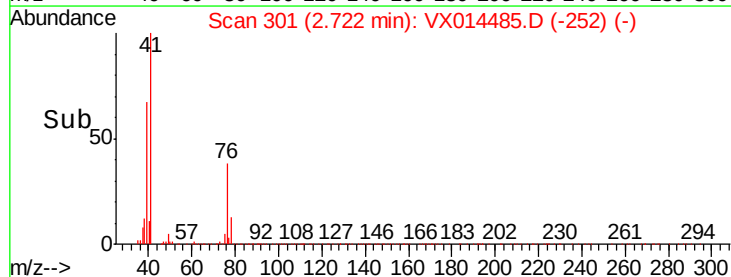
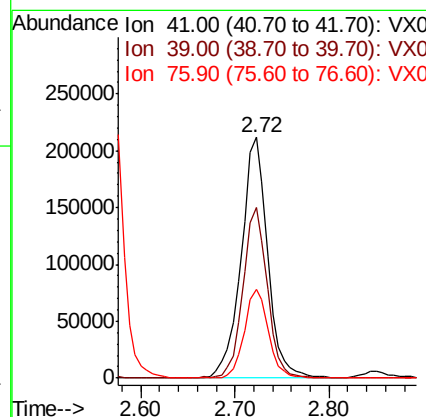
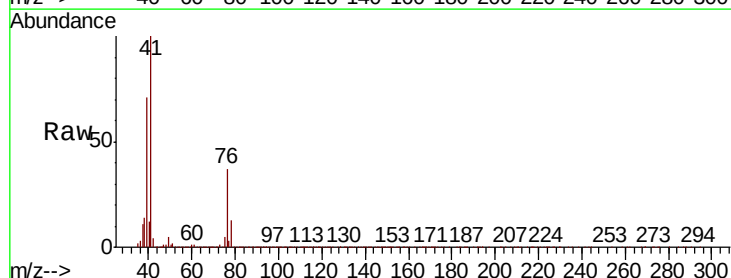
Instrument :
MSVOA_X
ClientSampleId :

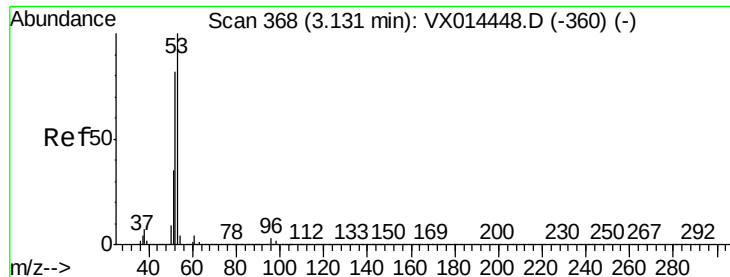
Tot Ion: 56 Resp: 209195
Ion Ratio Lower Upper
56 100
55 69.1 55.0 82.6



#14
Allyl chloride
Concen: 48.051 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Tgt Ion: 41 Resp: 414324
Ion Ratio Lower Upper
41 100
39 64.7 51.7 77.5
76 33.3 26.8 40.2





#15

Acrylonitrile

Concen: 246.266 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

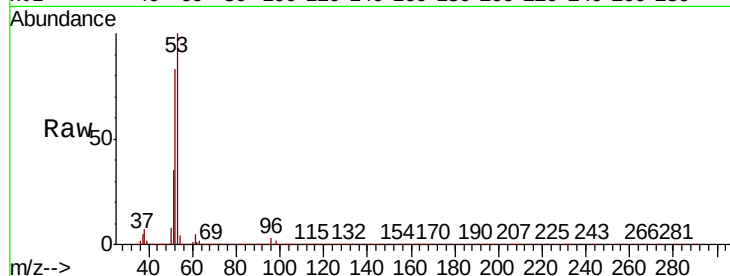
Tot Ion: 53 Resp: 688925

Ion Ratio Lower Upper

53 100

52 82.7 67.0 100.4

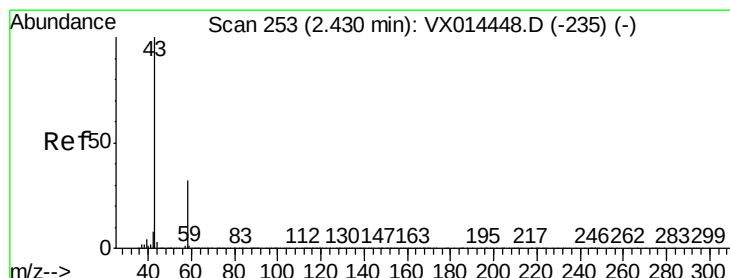
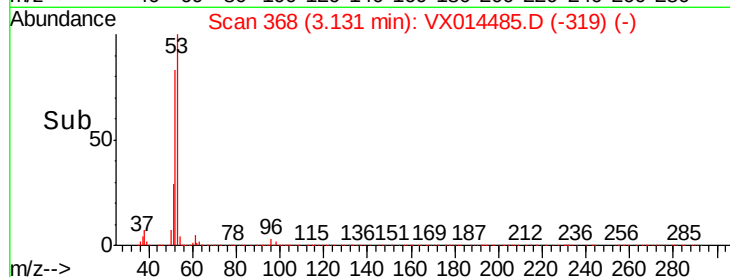
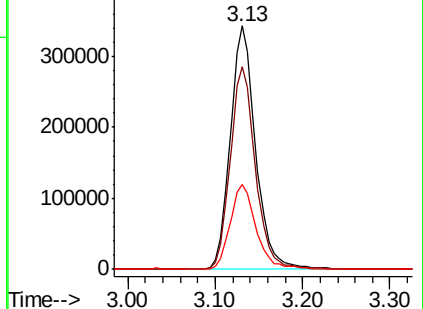
51 36.0 28.5 42.7



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 235.831 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014485.D

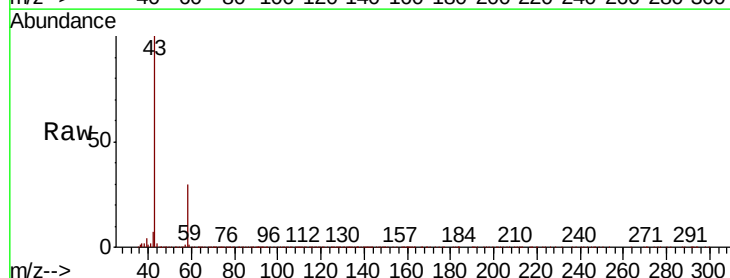
Acq: 08 Jan 2020 20:36

Tgt Ion: 43 Resp: 657067

Ion Ratio Lower Upper

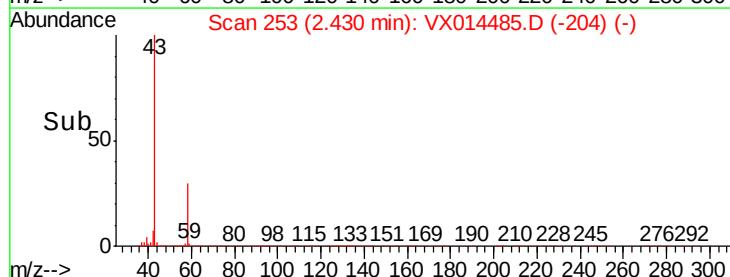
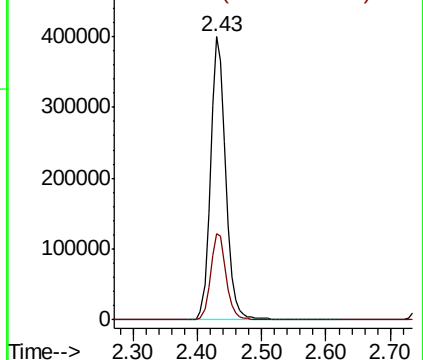
43 100

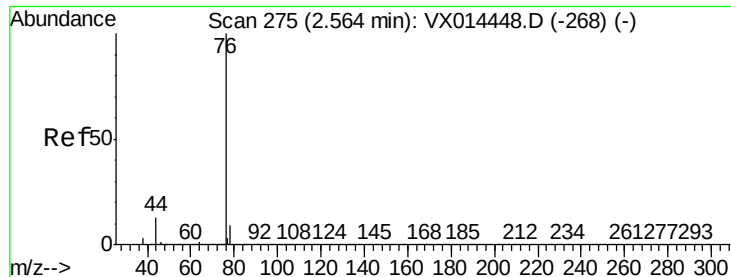
58 30.4 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 45.765 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Instrument :

MSVOA_X

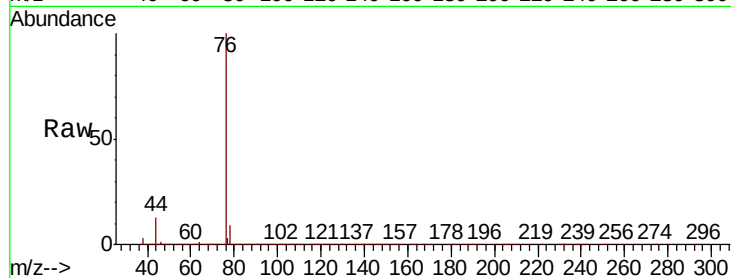
ClientSampleId :

Tot Ion: 76 Resp: 627154

Ion Ratio Lower Upper

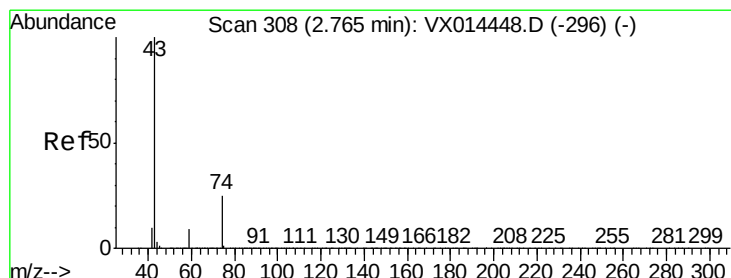
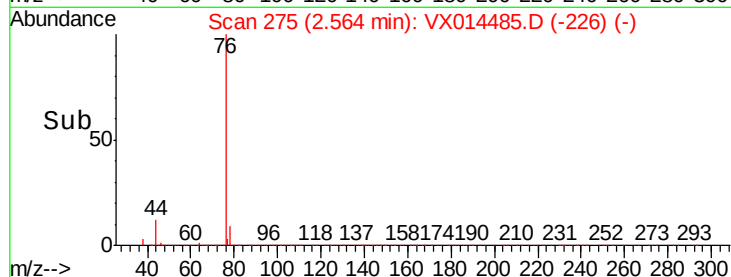
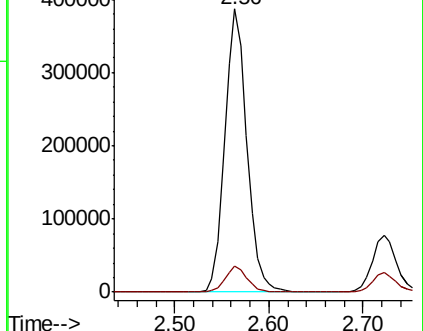
76 100

78 9.2 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 54.225 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014485.D

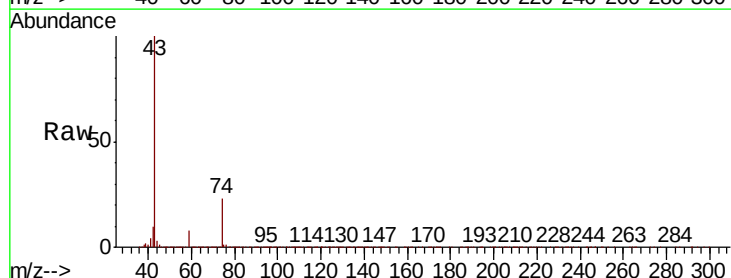
Acq: 08 Jan 2020 20:36

Tgt Ion: 43 Resp: 432639

Ion Ratio Lower Upper

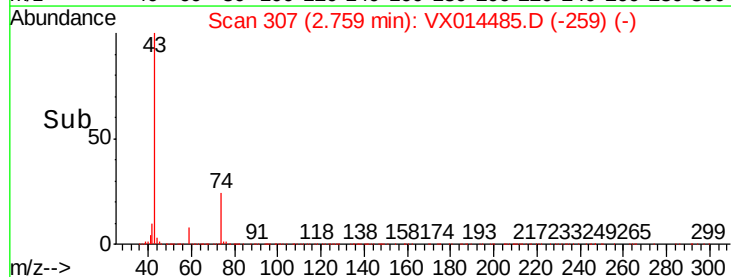
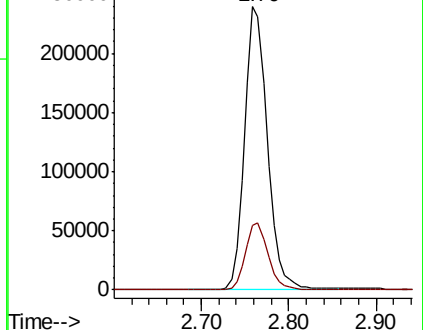
43 100

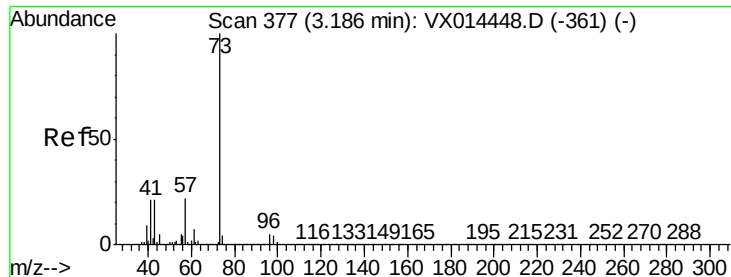
74 23.5 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

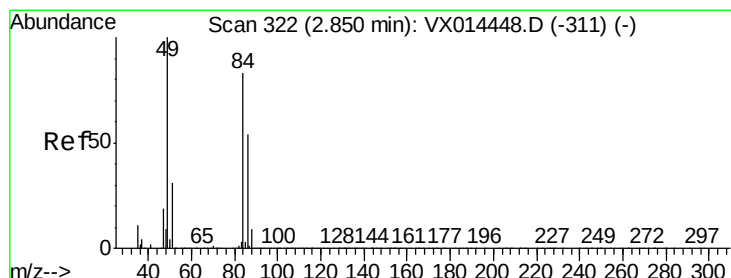
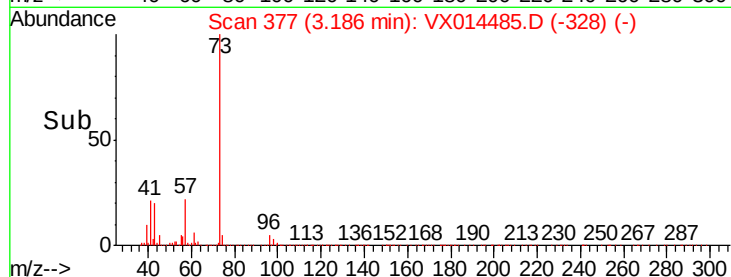
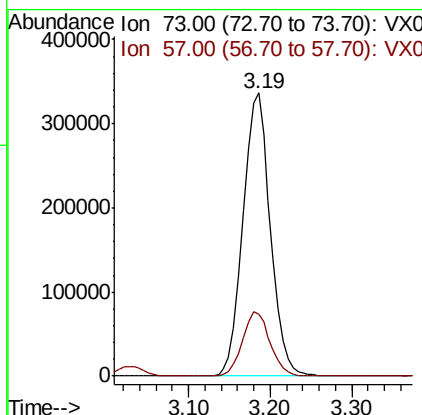
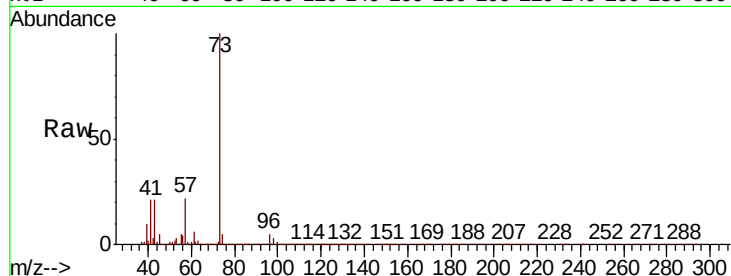




#19
Methyl tert-butyl Ether
Concen: 49.693 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

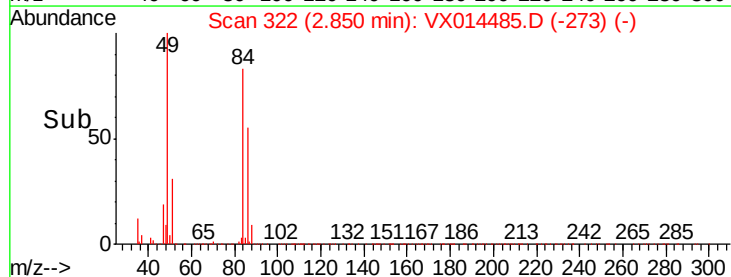
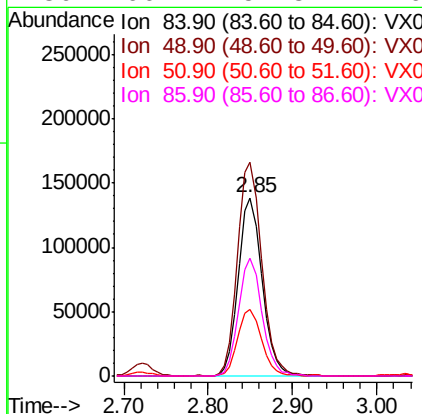
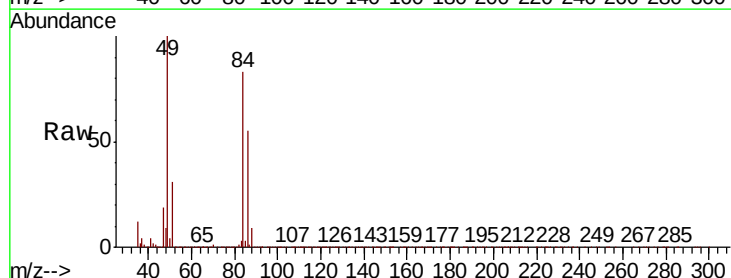
Instrument :
MSVOA_X
ClientSampleId :

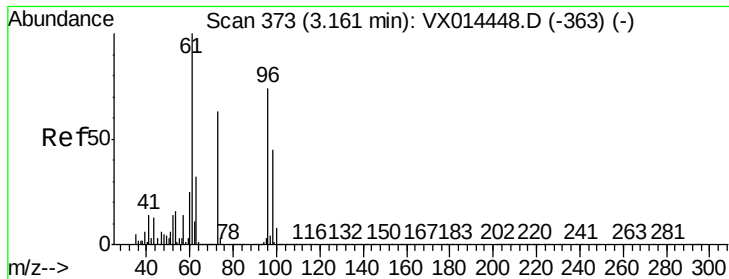
Tot Ion: 73 Resp: 783452
Ion Ratio Lower Upper
73 100
57 21.6 17.8 26.8



#20
Methylene Chloride
Concen: 47.068 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Tgt Ion: 84 Resp: 262851
Ion Ratio Lower Upper
84 100
49 119.7 95.8 143.8
51 37.4 30.2 45.4
86 66.2 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 46.109 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Instrument :
MSVOA_X
ClientSampleId :

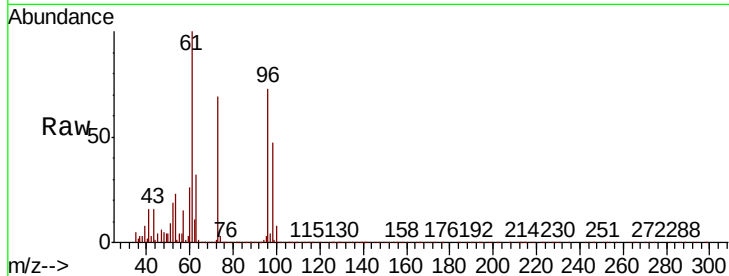
Tot Ion: 96 Resp: 247222

Ion Ratio Lower Upper

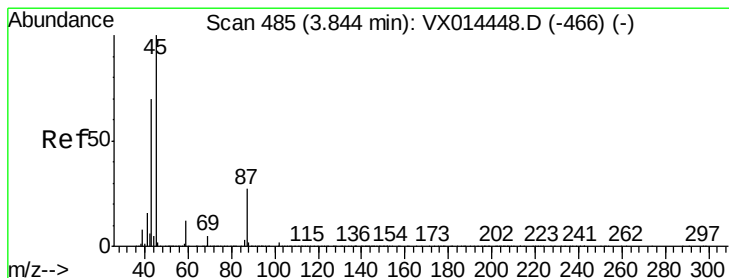
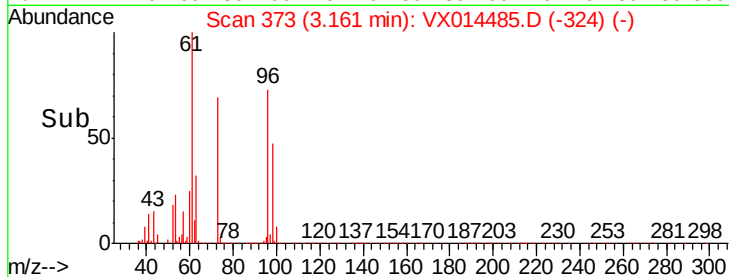
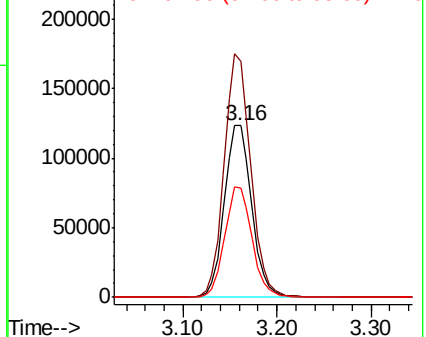
96 100

61 137.1 108.2 162.4

98 63.9 48.8 73.2



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



#22

Diisopropyl ether

Concen: 50.403 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Tgt Ion: 45 Resp: 839881

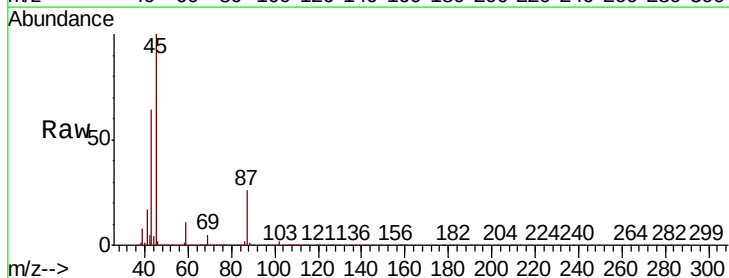
Ion Ratio Lower Upper

45 100

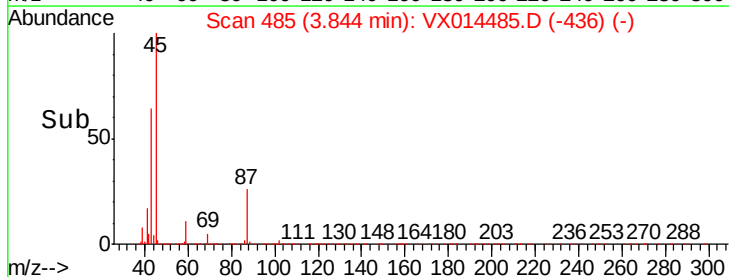
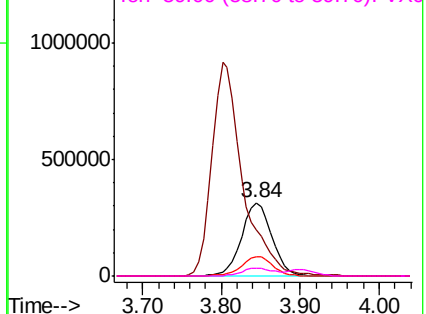
43 62.9 55.8 83.6

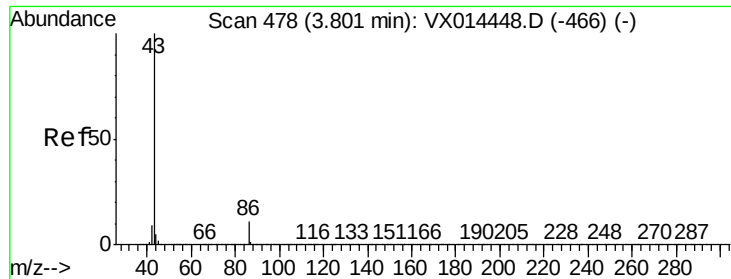
87 25.8 21.8 32.8

59 10.7 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 194.052 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

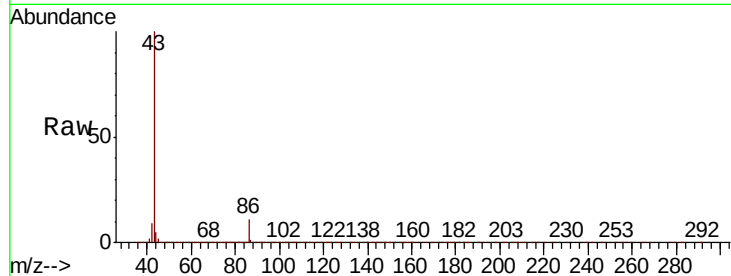
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 2503493

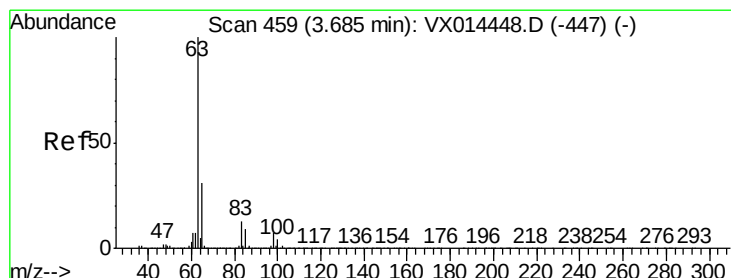
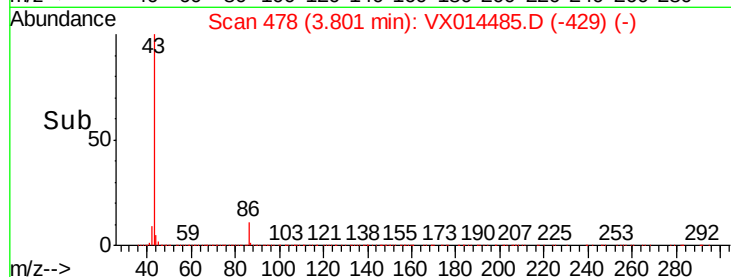
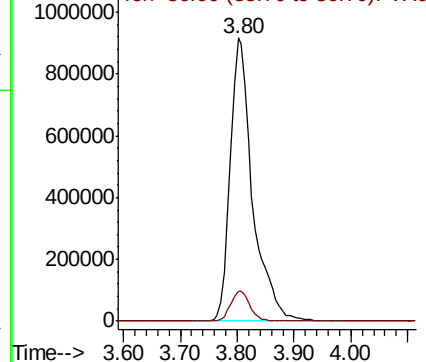
Ion Ratio Lower Upper

43 100

86 10.6 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.984 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

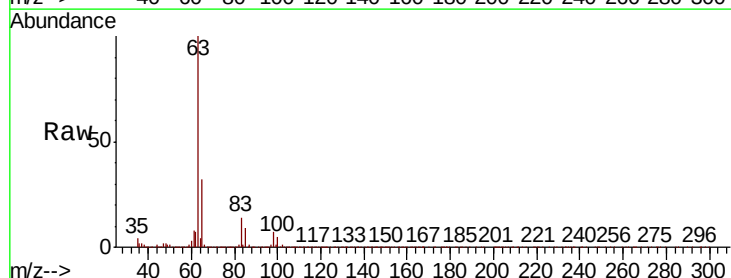
Tgt Ion: 63 Resp: 453099

Ion Ratio Lower Upper

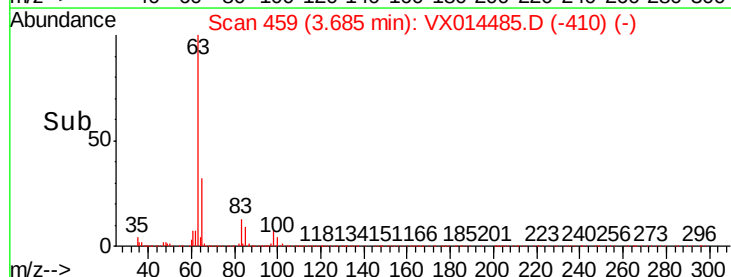
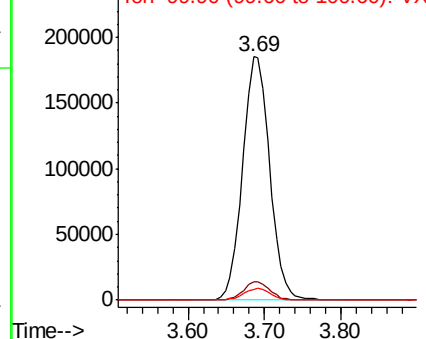
63 100

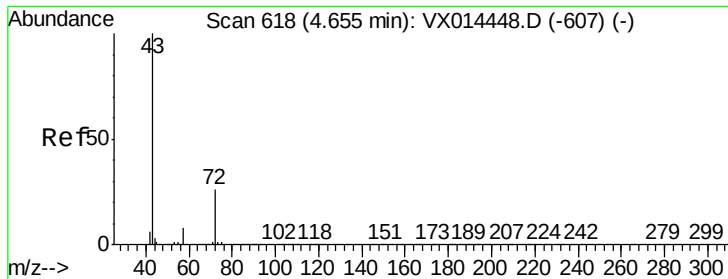
98 7.2 3.6 10.9

100 4.5 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0

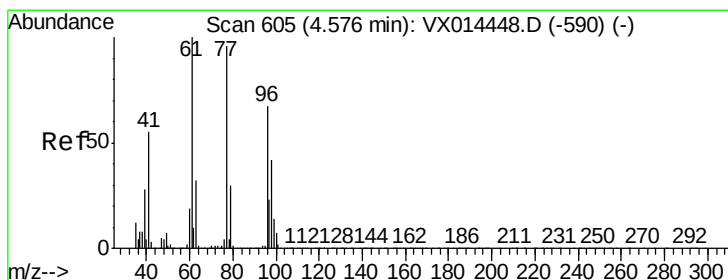
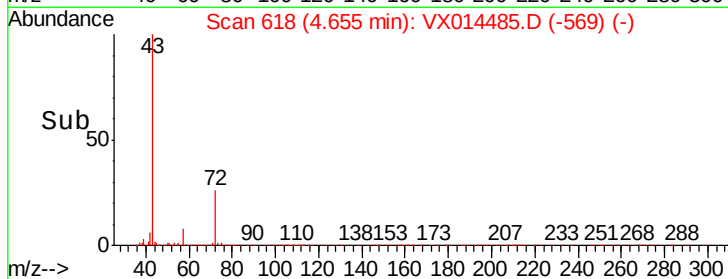
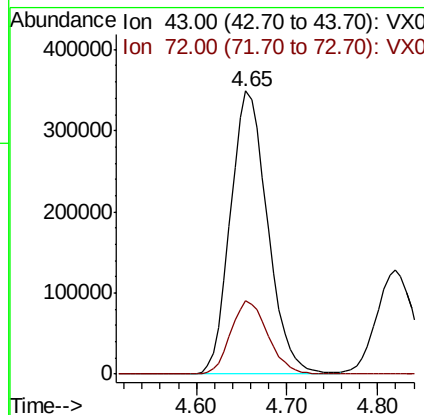
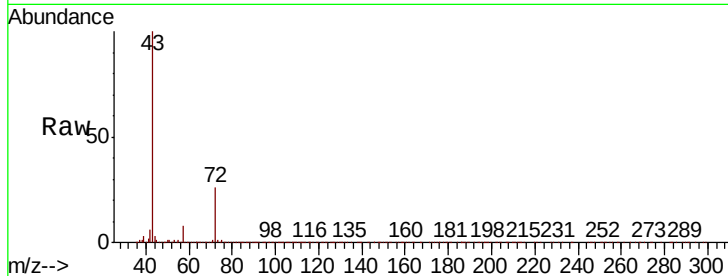




#25
2-Butanone
Concen: 237.514 ug/l
RT: 4.65 min Scan# 618
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

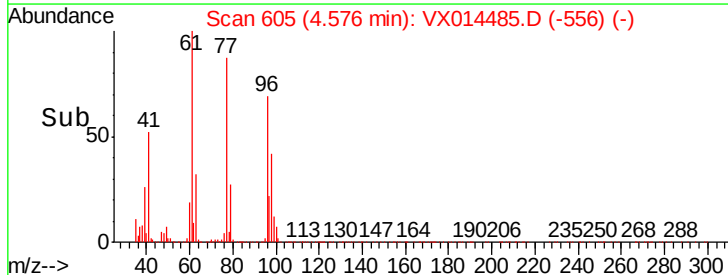
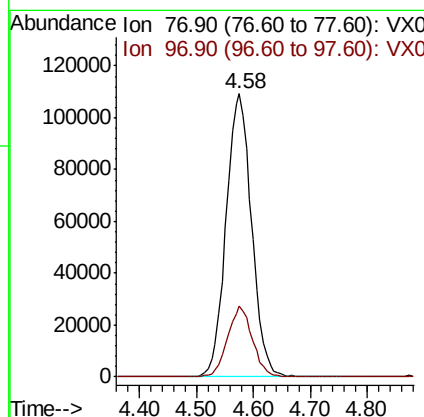
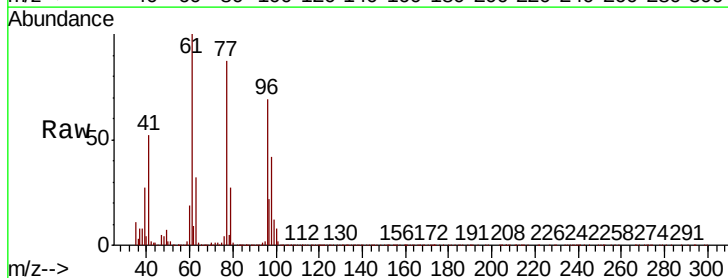
Instrument :
MSVOA_X
ClientSampleId :

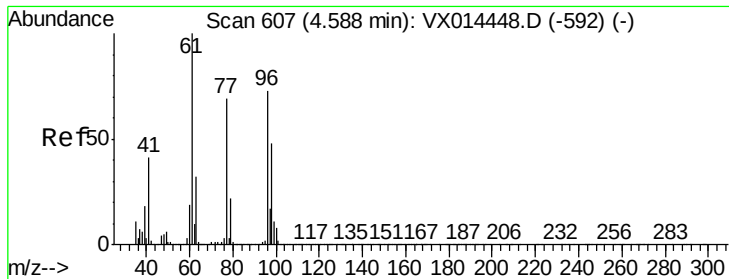
Tot Ion: 43 Resp: 984879
Ion Ratio Lower Upper
43 100
72 26.0 20.6 31.0



#26
2,2-Dichloropropane
Concen: 44.425 ug/l
RT: 4.58 min Scan# 605
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Tgt Ion: 77 Resp: 341137
Ion Ratio Lower Upper
77 100
97 24.0 11.7 35.1



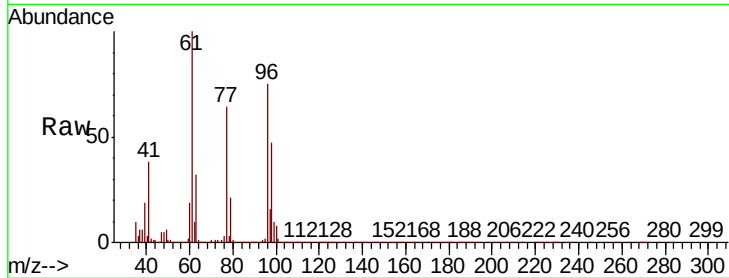


#27

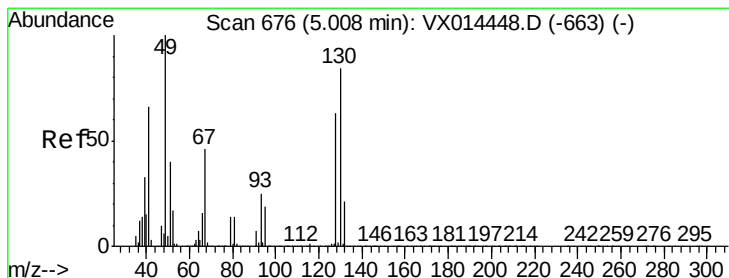
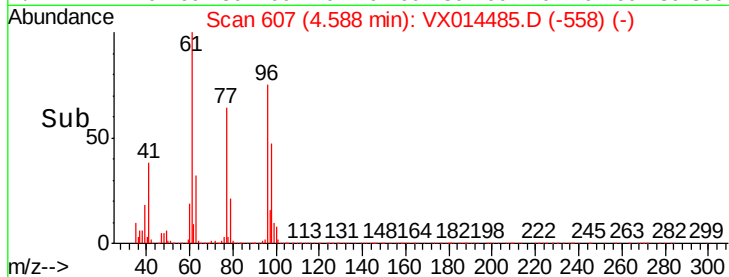
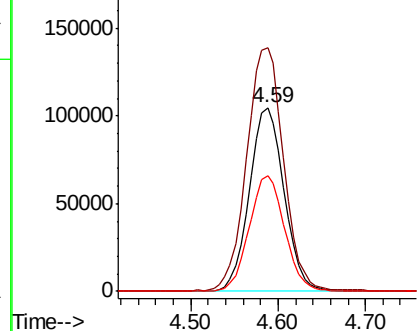
cis-1,2-Dichloroethene
Concen: 48.335 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.7	0.0	285.4
98	64.0	0.0	130.6



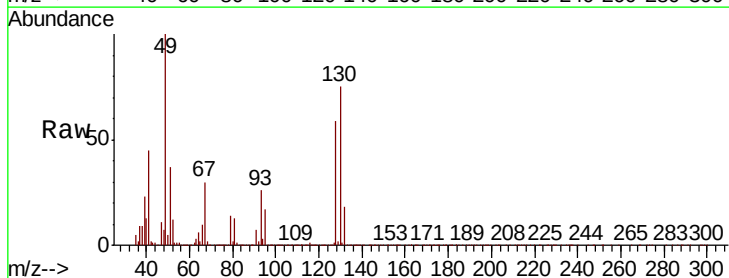
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



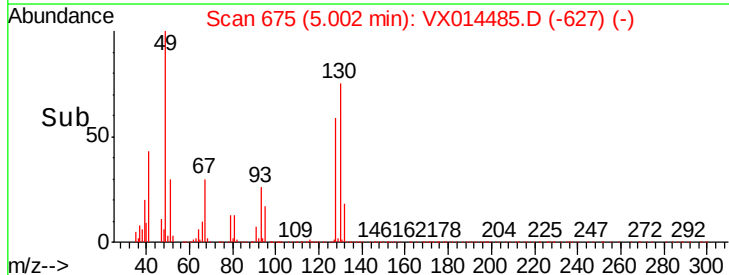
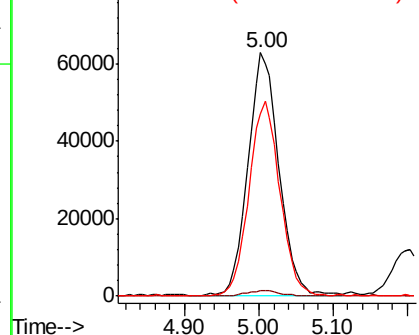
#28

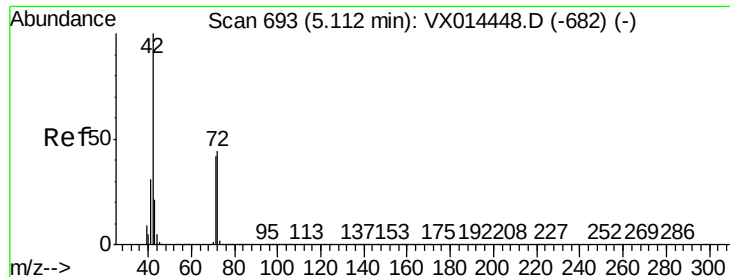
Bromochloromethane
Concen: 47.746 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.4
130	80.3	67.0	100.4



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





#29

Tetrahydrofuran

Concen: 253.039 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Instrument :

MSVOA_X

ClientSampled :

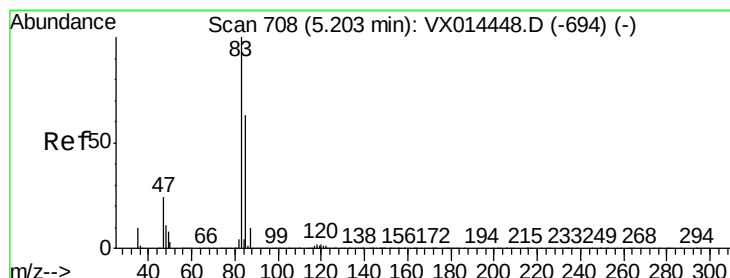
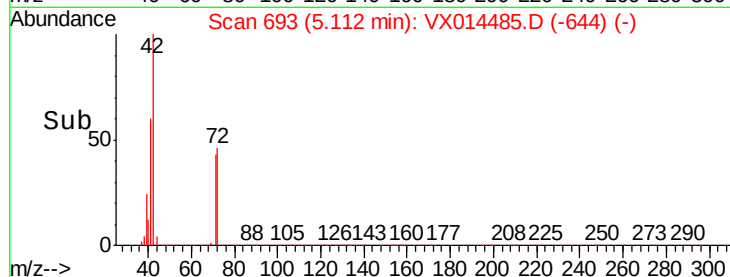
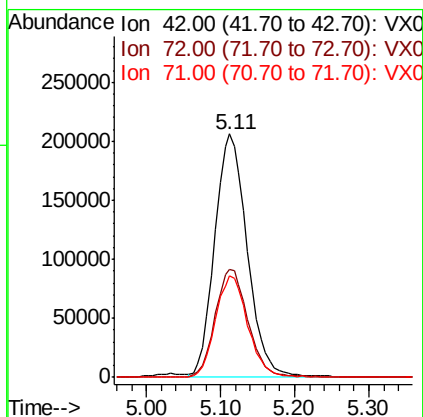
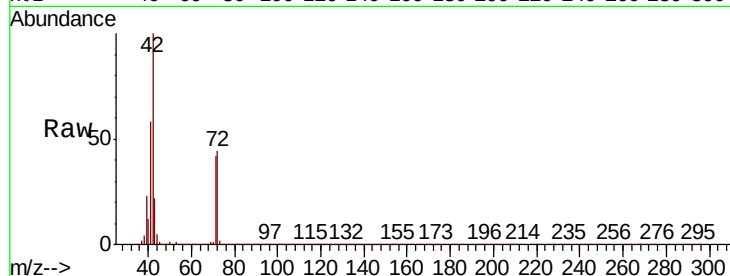
Tot Ion: 42 Resp: 620361

Ion Ratio Lower Upper

42 100

72 45.0 36.2 54.4

71 41.9 34.1 51.1



#30

Chloroform

Concen: 49.809 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014485.D

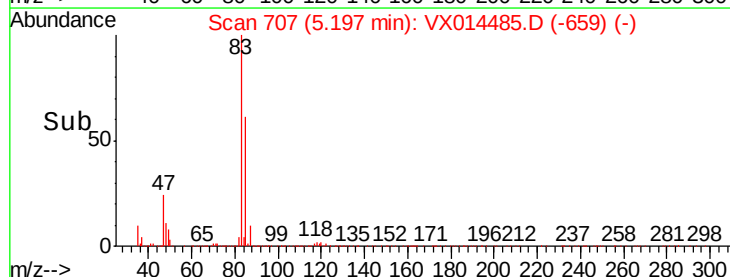
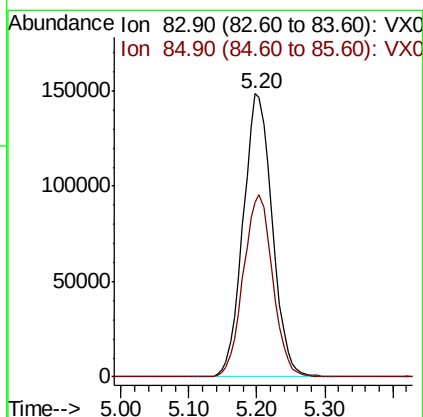
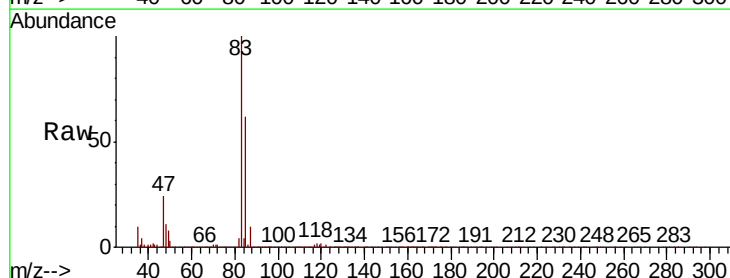
Acq: 08 Jan 2020 20:36

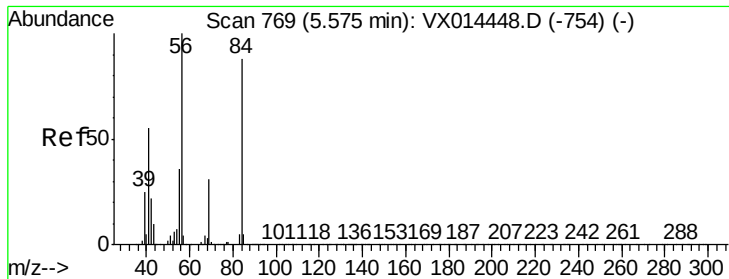
Tgt Ion: 83 Resp: 441208

Ion Ratio Lower Upper

83 100

85 61.8 50.6 75.8





#31

Cyclohexane

Concen: 50.239 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

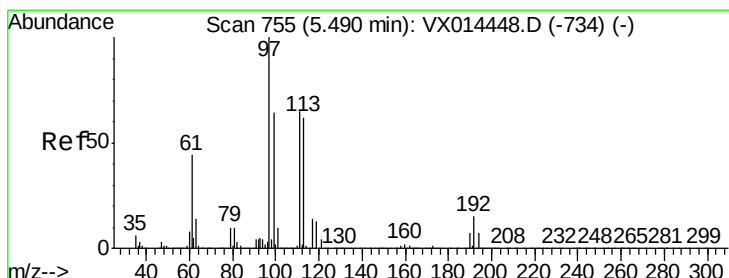
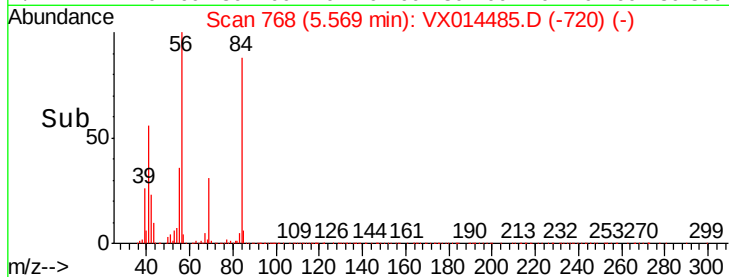
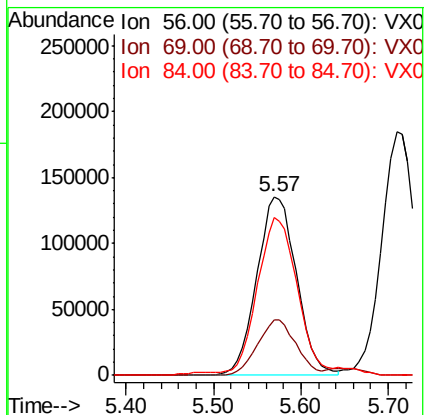
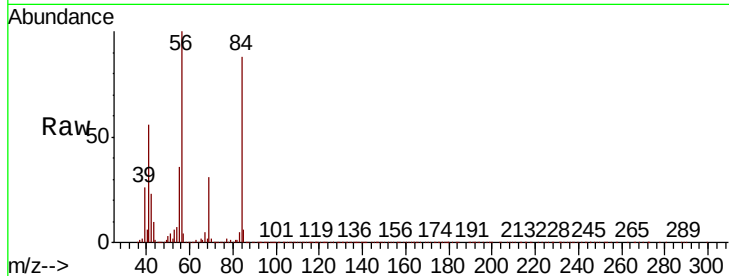
Tot Ion: 56 Resp: 426273

Ion Ratio Lower Upper

56 100

69 30.8 24.4 36.6

84 87.1 70.6 106.0



#32

1,1,1-Trichloroethane

Concen: 49.435 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

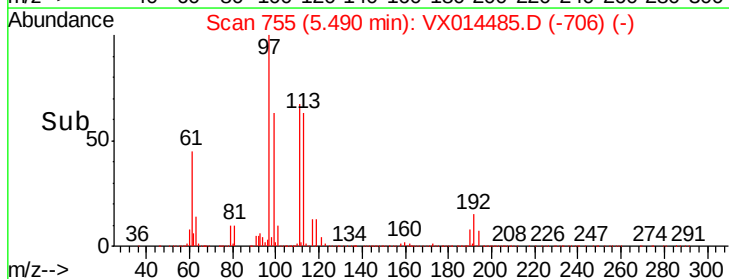
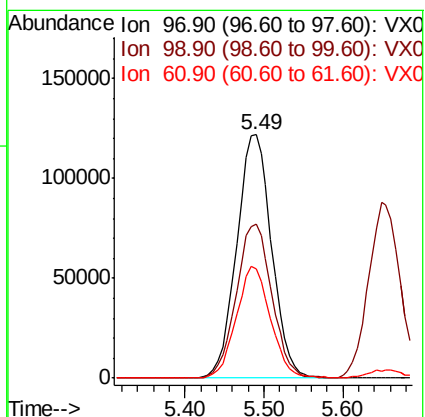
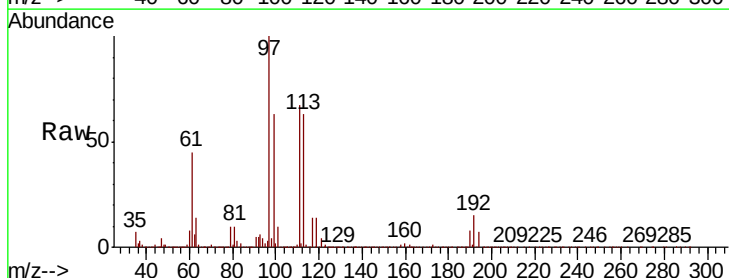
Tgt Ion: 97 Resp: 374825

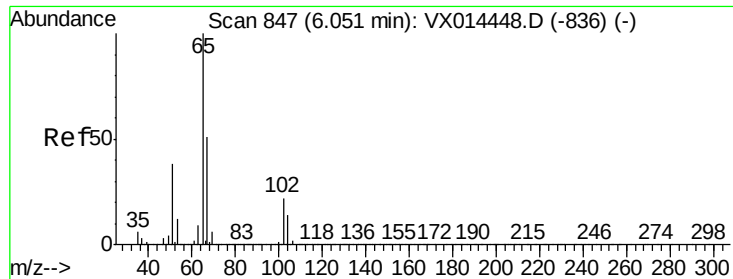
Ion Ratio Lower Upper

97 100

99 64.5 51.8 77.6

61 44.7 35.9 53.9

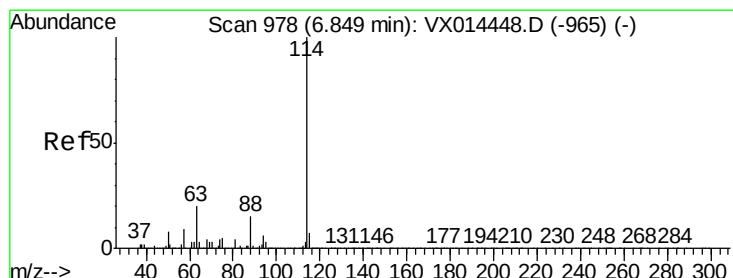
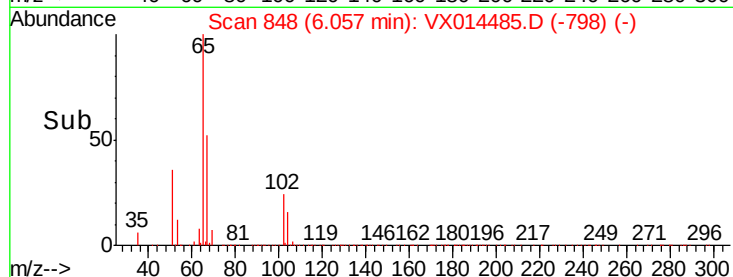
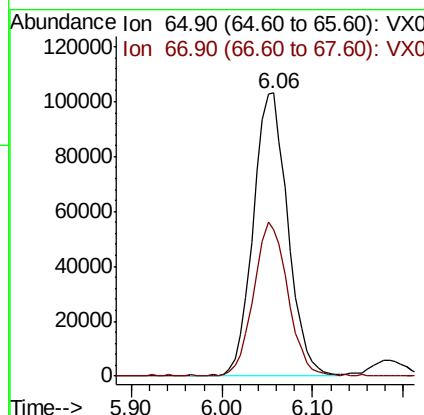
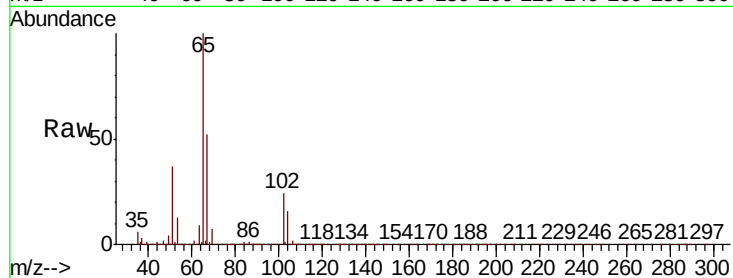




#33
 1,2-Dichloroethane-d4
 Concen: 48.898 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX014485.D
 Acq: 08 Jan 2020 20:36

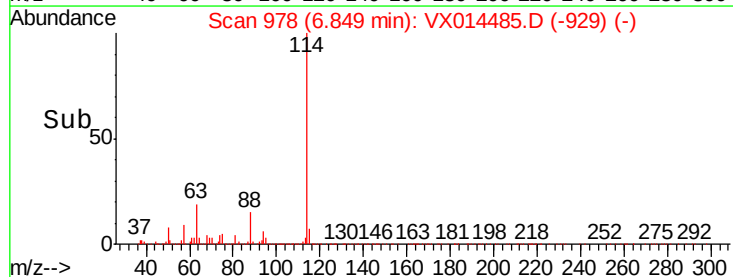
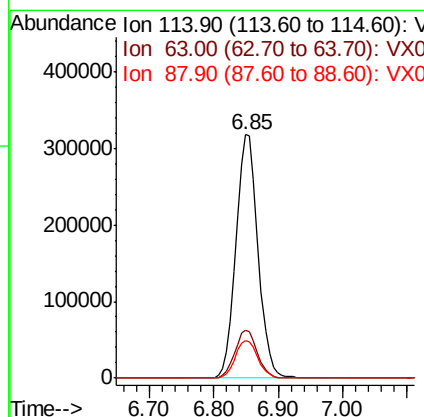
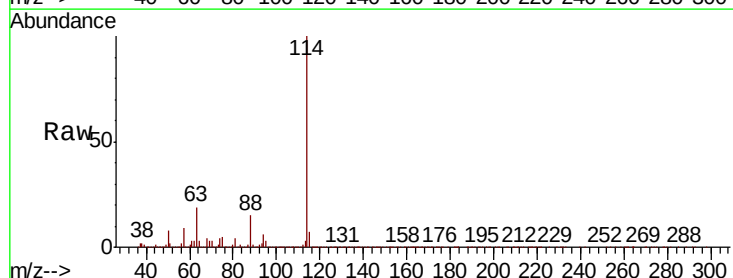
Instrument :
 MSVOA_X
 ClientSampled :

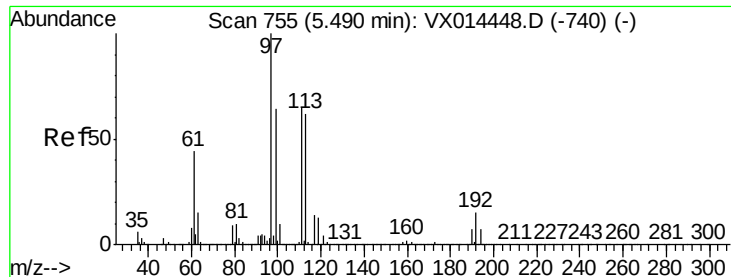
Tot Ion: 65 Resp: 271442
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014485.D
 Acq: 08 Jan 2020 20:36

Tgt Ion: 114 Resp: 760056
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.6
 88 15.2 0.0 30.8





#35

Dibromofluoromethane

Concen: 48.612 ug/l

RT: 5.49 min Scan# 755

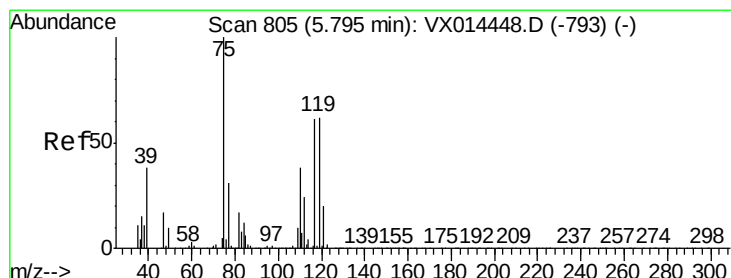
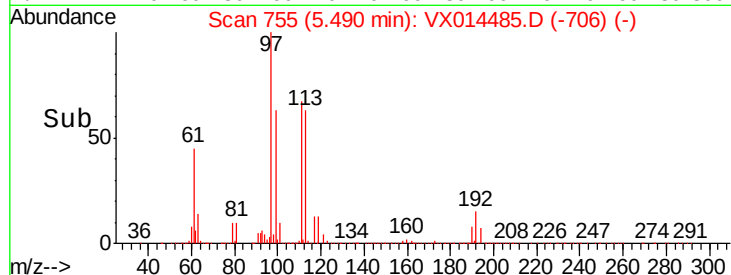
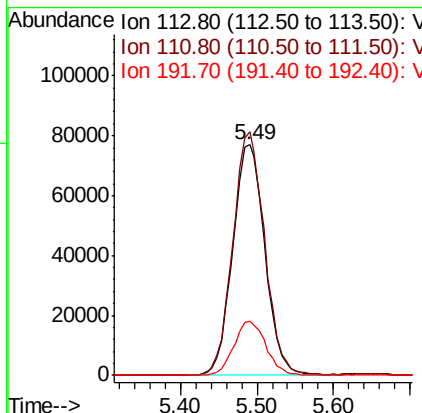
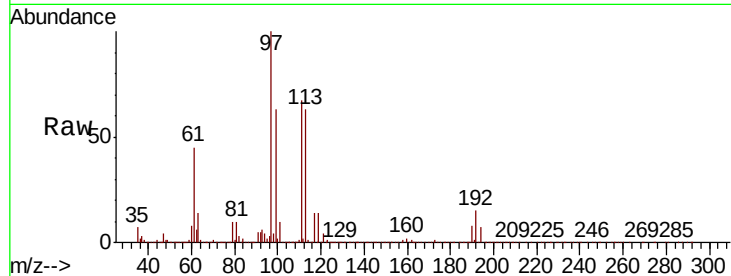
Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	223662
Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.5	122.3
192	23.6	19.2	28.8



#36

1,1-Dichloropropene

Concen: 47.324 ug/l

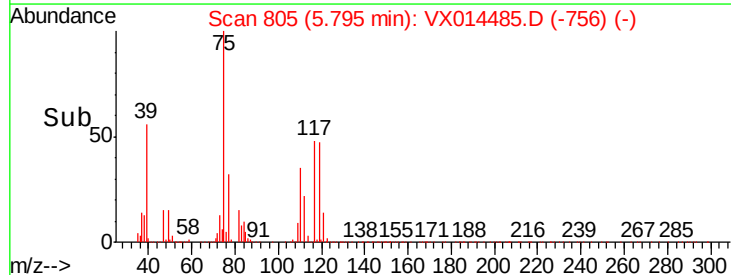
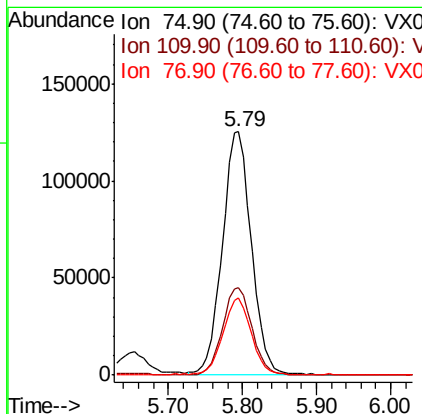
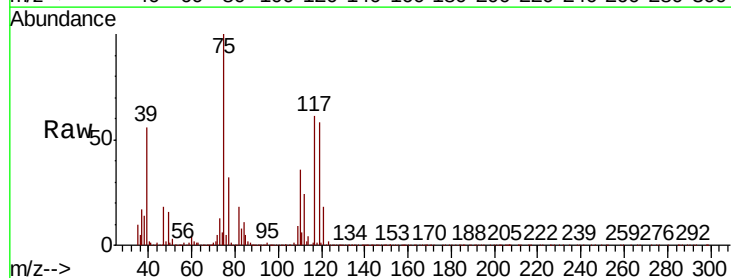
RT: 5.79 min Scan# 805

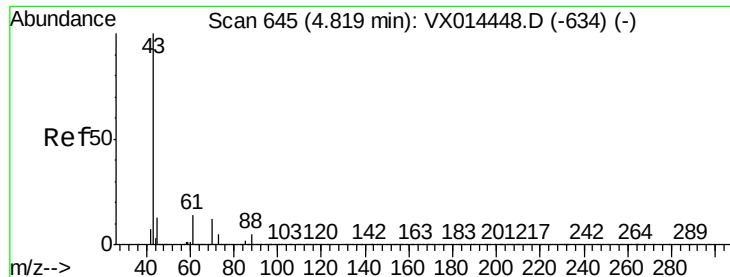
Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Tgt Ion:	75	Resp:	338251
Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.6	55.8
77	30.8	24.5	36.7

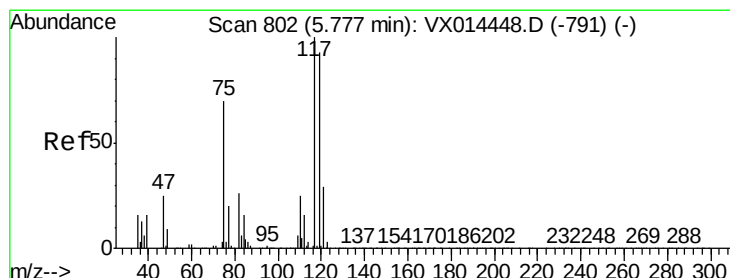
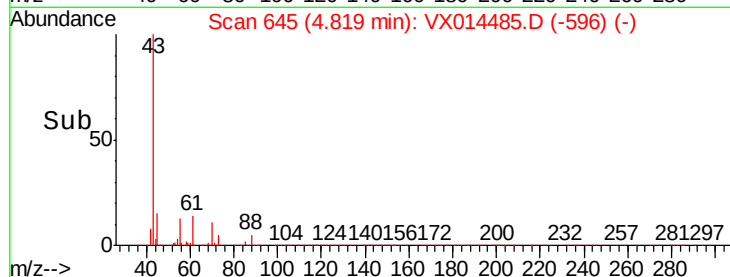
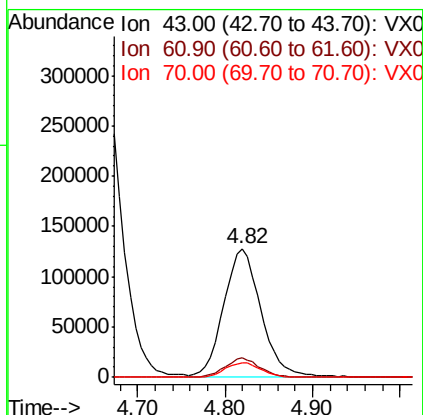
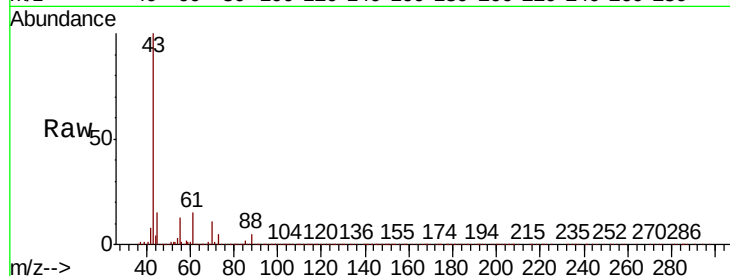




#37
Ethyl Acetate
Concen: 47.845 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

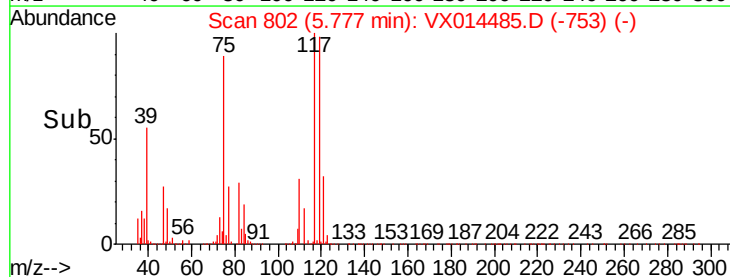
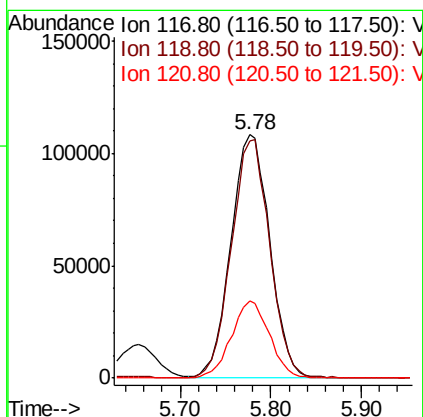
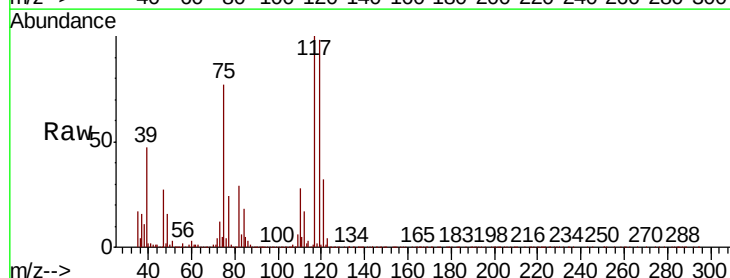
Instrument :
MSVOA_X
ClientSampleId :

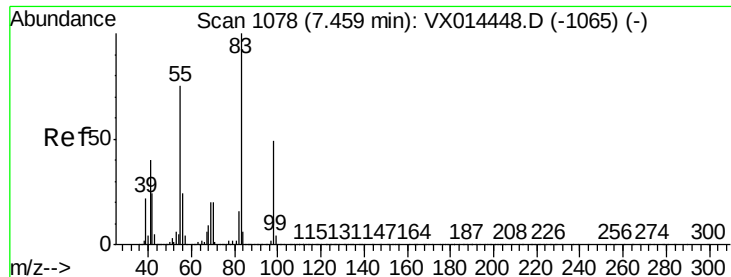
Tot Ion: 43 Resp: 371458
Ion Ratio Lower Upper
43 100
61 14.0 11.1 16.7
70 11.1 8.9 13.3



#38
Carbon Tetrachloride
Concen: 48.840 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Tgt Ion: 117 Resp: 321244
Ion Ratio Lower Upper
117 100
119 97.4 73.8 110.8
121 31.5 23.4 35.0

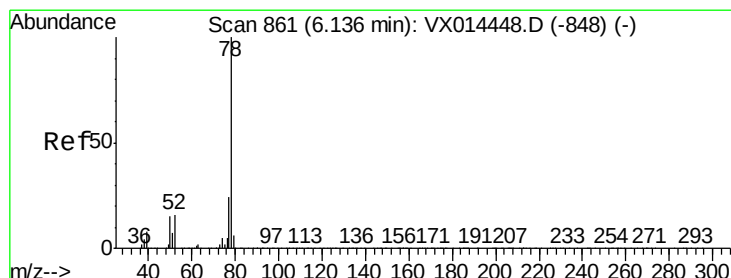
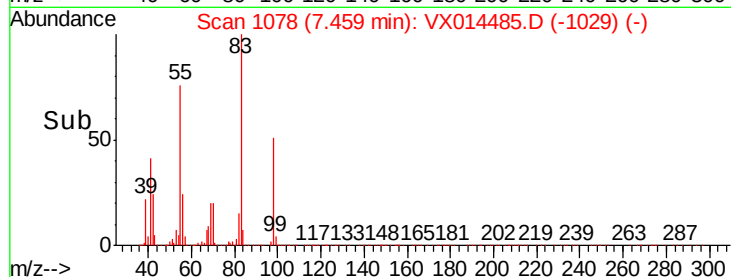
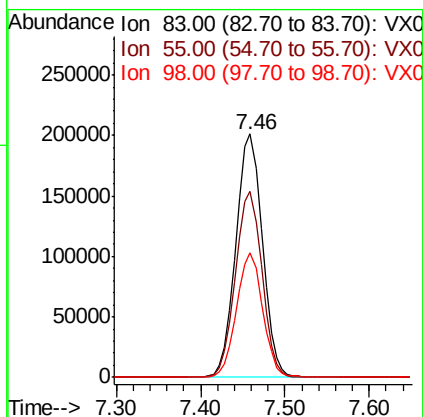
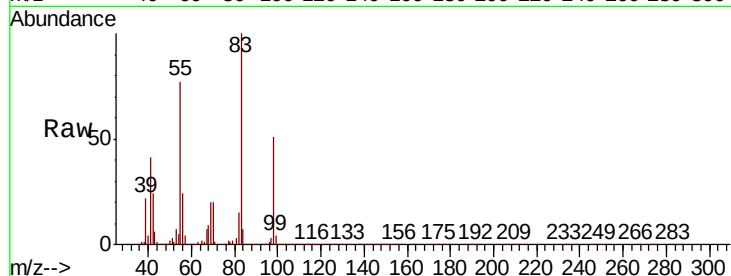




#39
Methylvlcyclohexane
Concen: 47.556 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

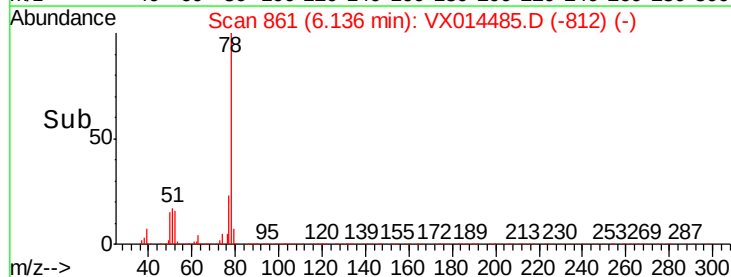
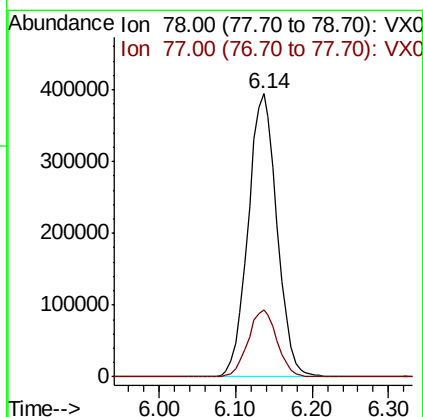
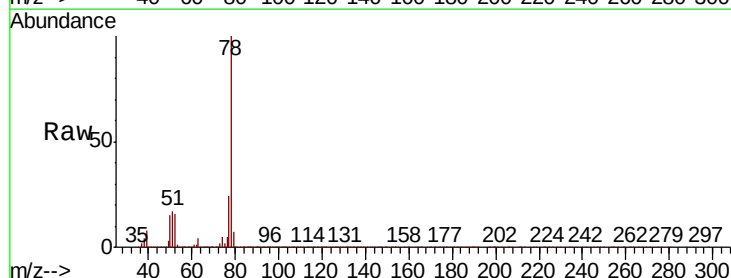
Instrument :
MSVOA_X
ClientSampleId :

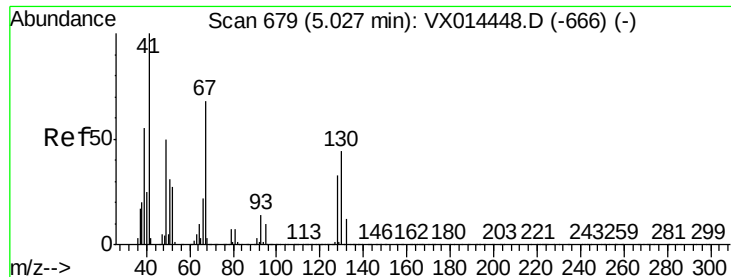
Tot Ion: 83 Resp: 427048
Ion Ratio Lower Upper
83 100
55 76.5 59.7 89.5
98 50.9 39.1 58.7



#40
Benzene
Concen: 48.861 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Tgt Ion: 78 Resp: 1036543
Ion Ratio Lower Upper
78 100
77 23.9 19.5 29.3

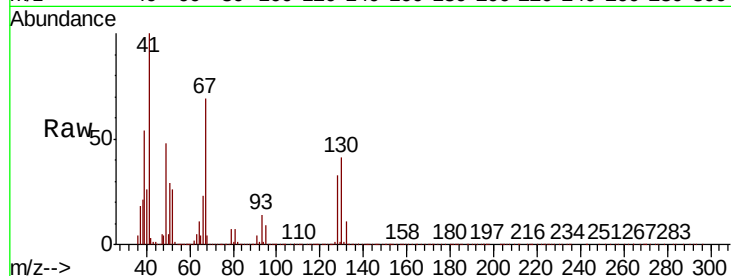




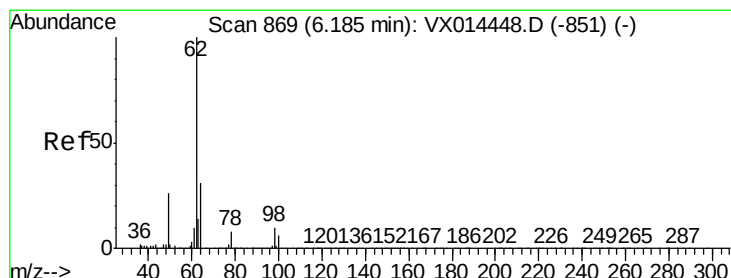
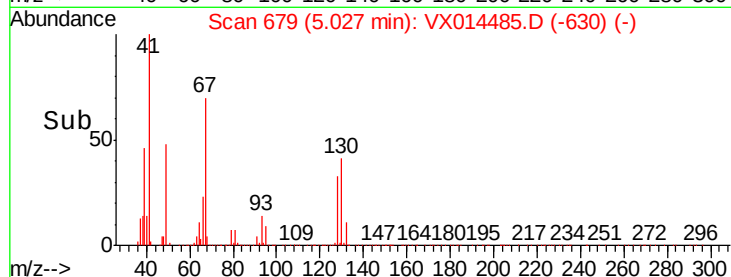
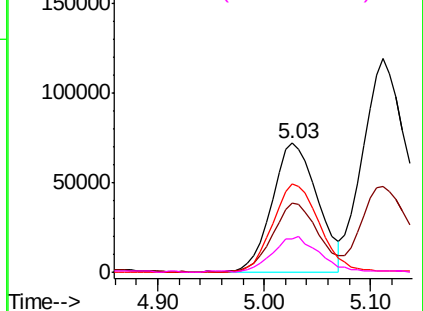
#41
Methacrylonitrile
Concen: 51.210 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	41	Resp	212023
Ion	Ratio	Lower	Upper
41	100		
39	53.2	43.6	65.4
67	70.4	57.9	86.9
52	27.9	23.0	34.6

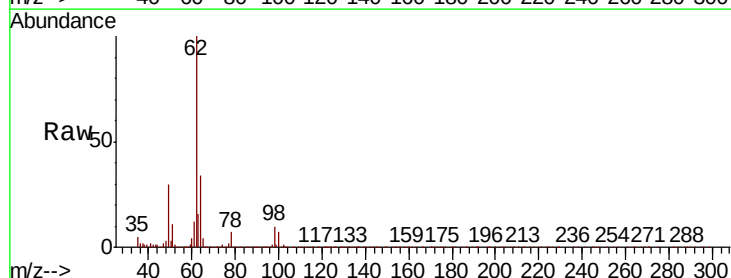


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

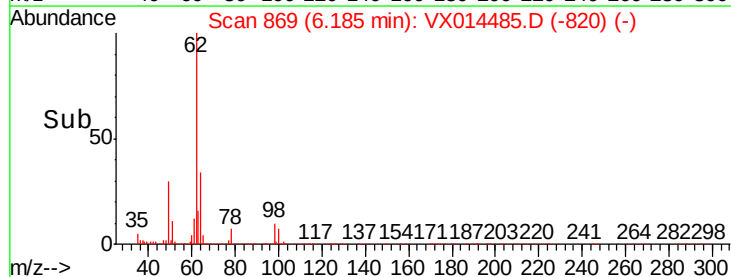
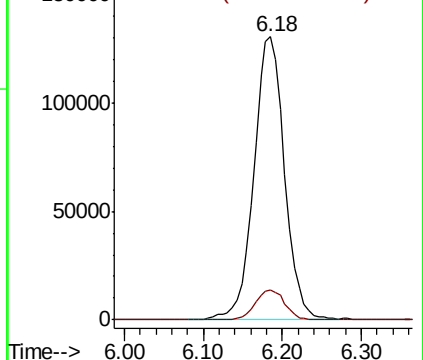


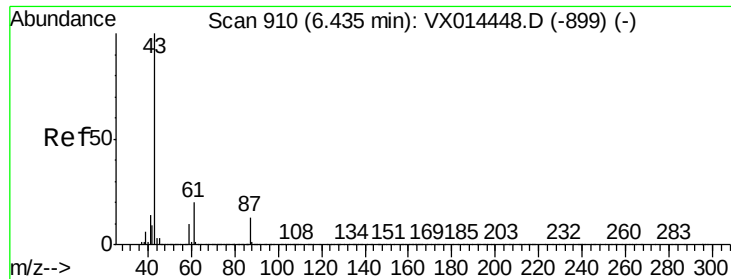
#42
1,2-Dichloroethane
Concen: 47.135 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Tgt Ion	62	Resp	349613
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.4



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





#43

Isopropyl Acetate

Concen: 49.366 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

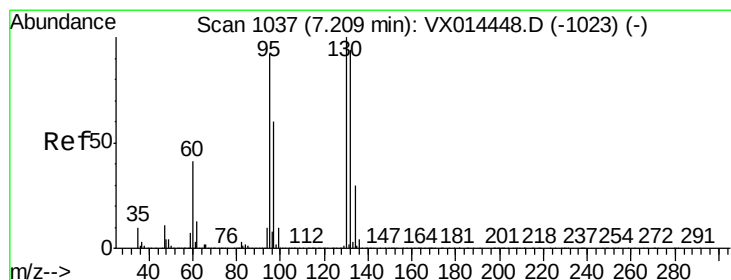
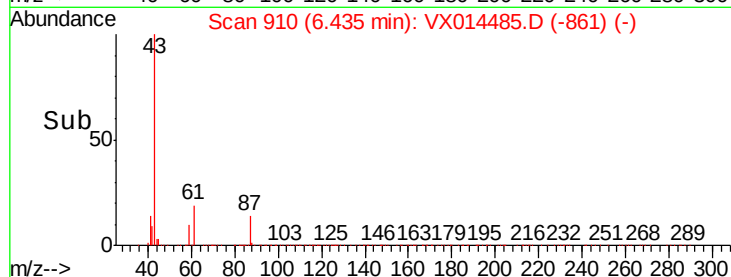
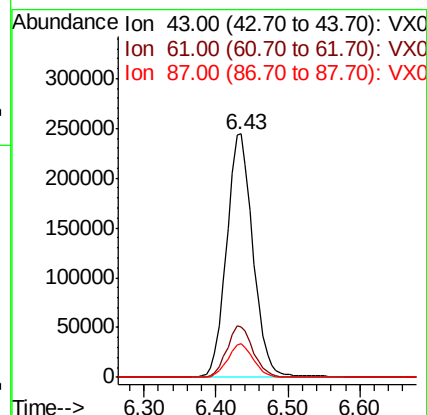
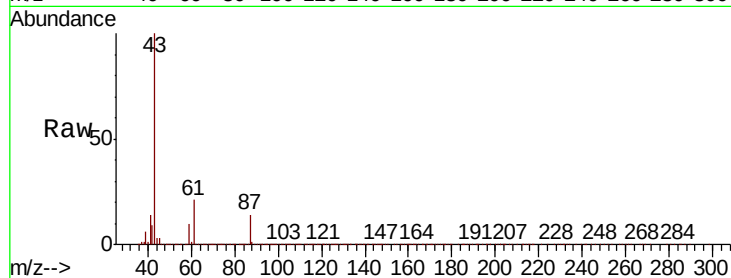
Tot Ion: 43 Resp: 619141

Ion Ratio Lower Upper

43 100

61 20.9 16.6 24.8

87 13.4 10.8 16.2



#44

Trichloroethene

Concen: 49.890 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014485.D

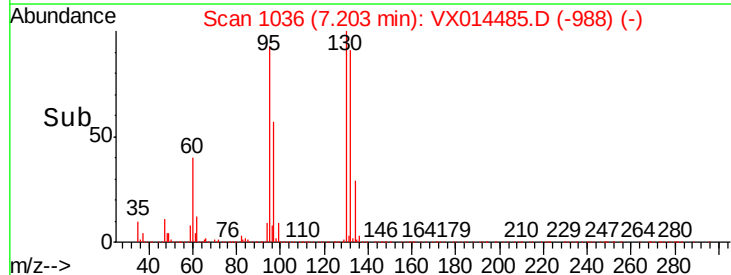
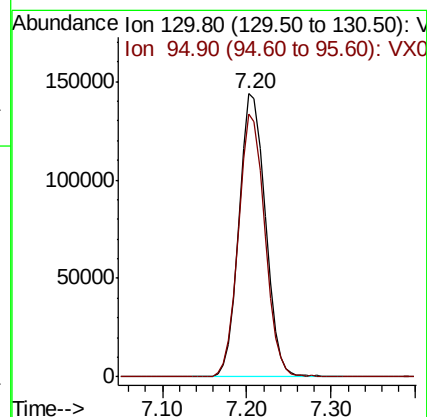
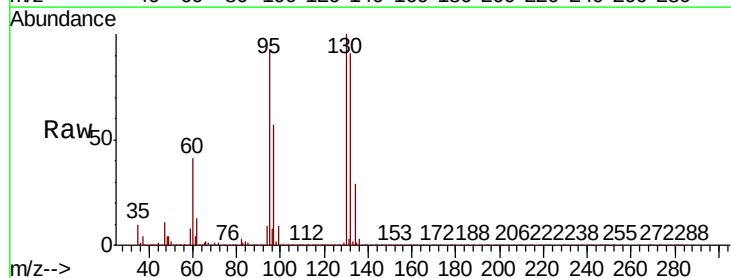
Acq: 08 Jan 2020 20:36

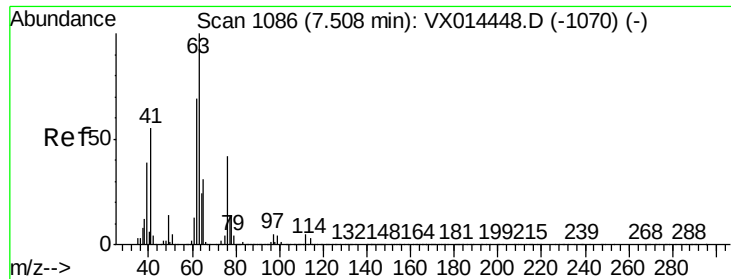
Tgt Ion:130 Resp: 304154

Ion Ratio Lower Upper

130 100

95 92.8 0.0 184.2

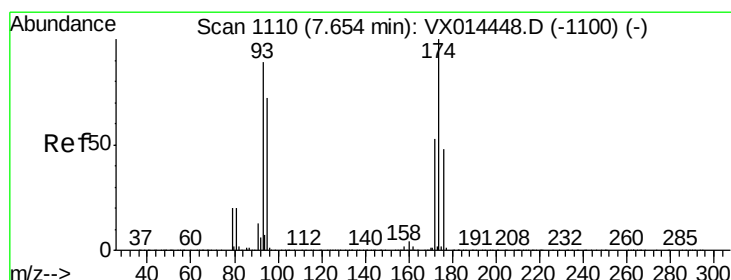
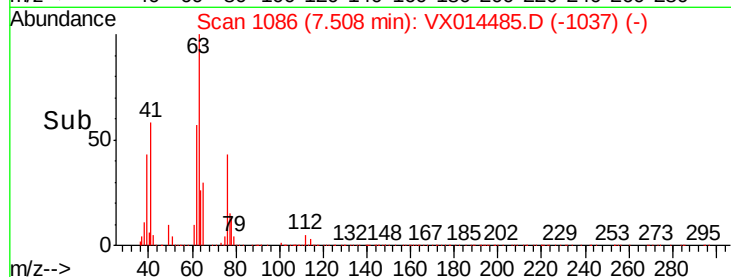
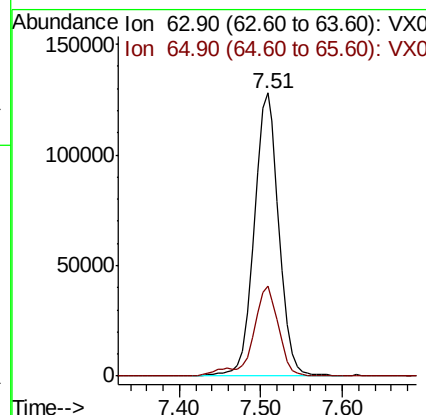
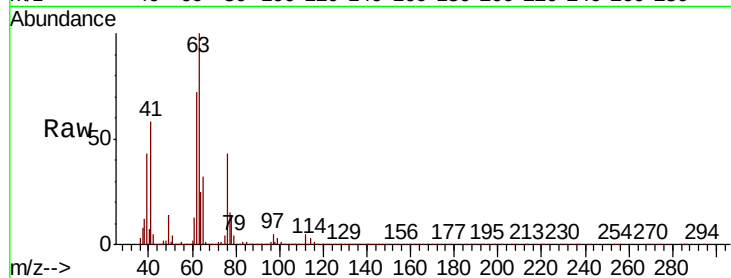




#45
 1,2-Dichloropropane
 Concen: 49.624 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014485.D
 Acq: 08 Jan 2020 20:36

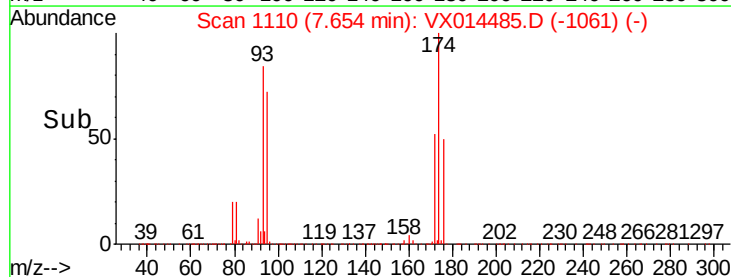
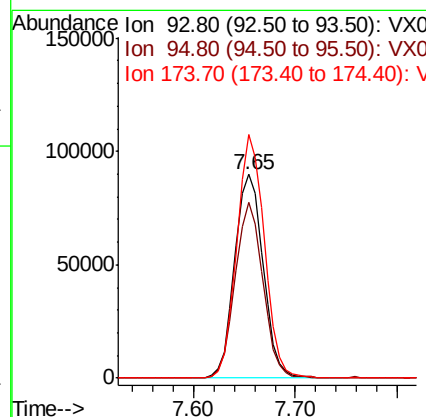
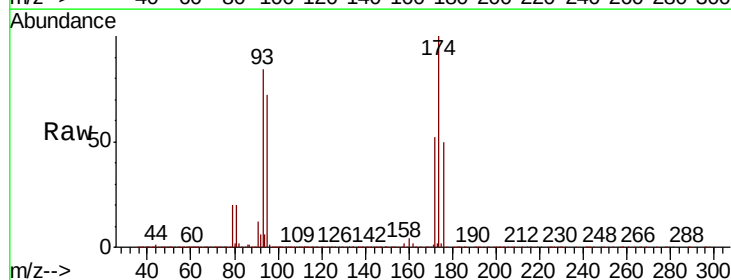
Instrument :
 MSVOA_X
 ClientSampleId :

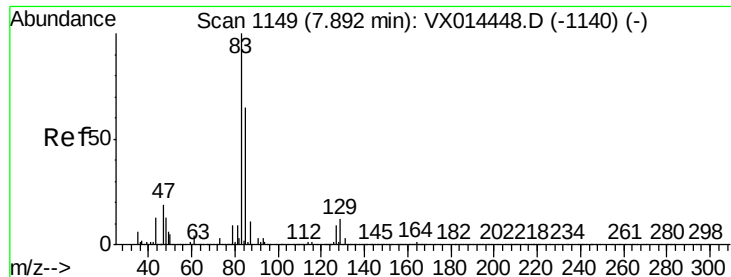
Tot Ion: 63 Resp: 268392
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.8 37.2



#46
 Dibromomethane
 Concen: 45.820 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014485.D
 Acq: 08 Jan 2020 20:36

Tgt Ion: 93 Resp: 172969
 Ion Ratio Lower Upper
 93 100
 95 84.0 65.4 98.2
 174 116.1 93.0 139.4





#47

Bromodichloromethane

Concen: 49.807 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Instrument :
MSVOA_X
ClientSampleId :

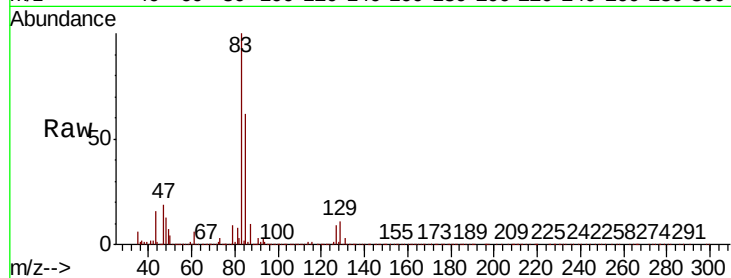
Tot Ion: 83 Resp: 342118

Ion Ratio Lower Upper

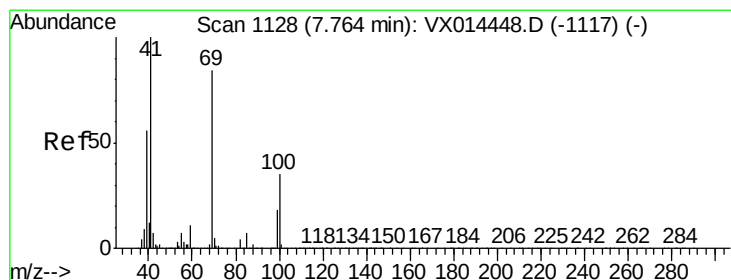
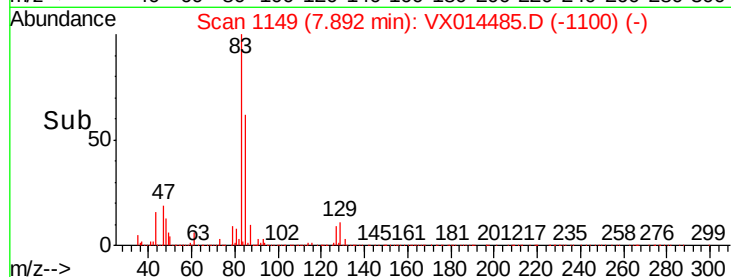
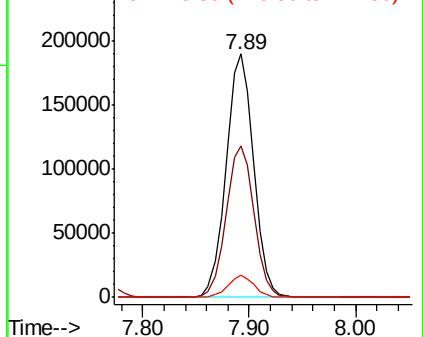
83 100

85 62.3 51.7 77.5

127 9.0 7.1 10.7



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



#48

Methyl methacrylate

Concen: 50.773 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

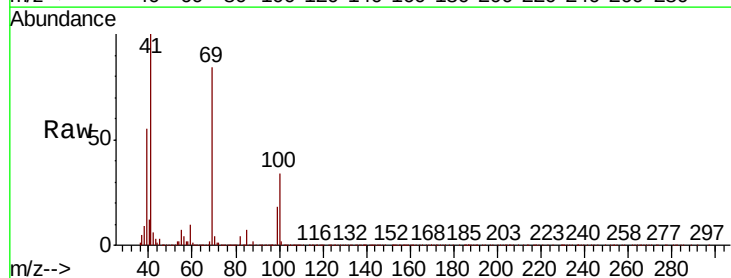
Tgt Ion: 41 Resp: 304987

Ion Ratio Lower Upper

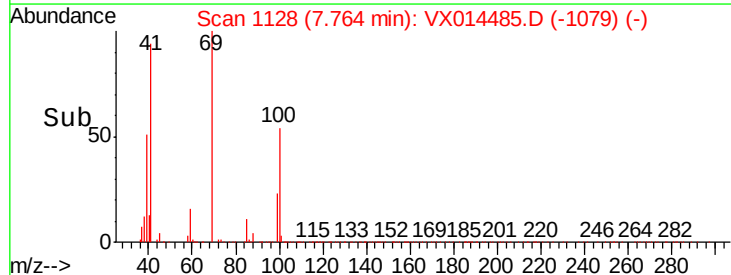
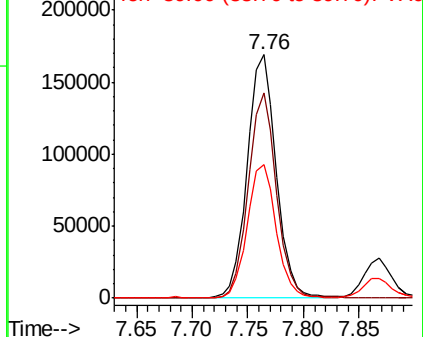
41 100

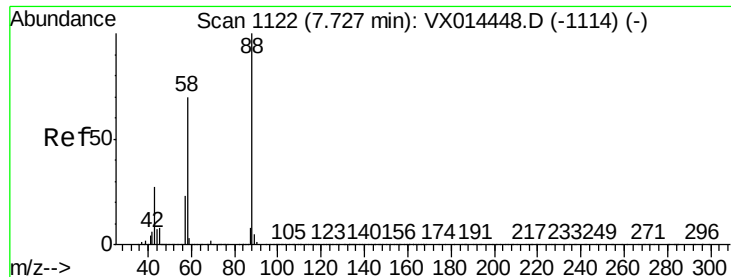
69 82.3 65.5 98.3

39 55.6 43.9 65.9



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





#49

1,4-Dioxane

Concen: 931.357 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

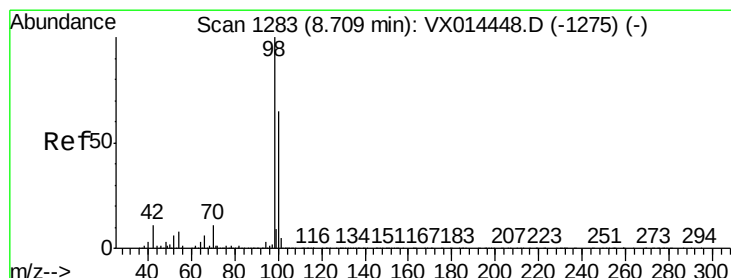
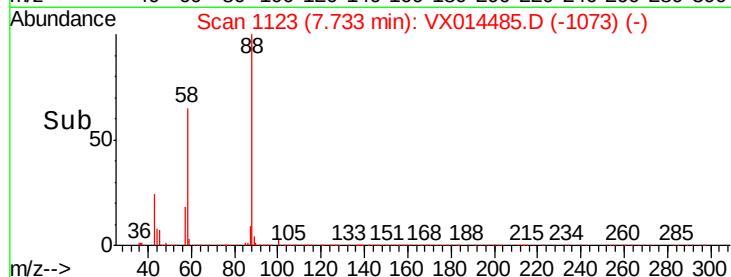
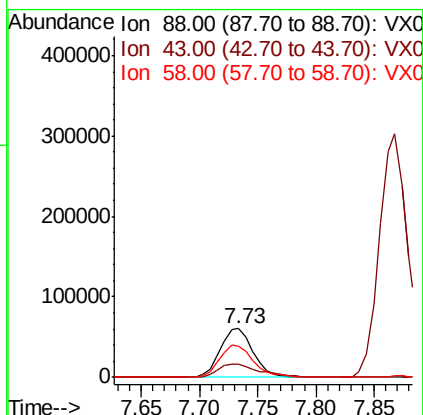
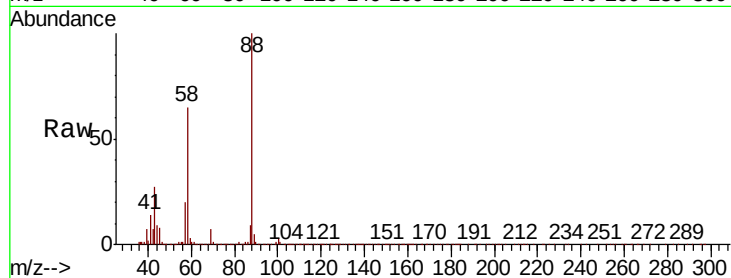
Tot Ion: 88 Resp: 118543

Ion Ratio Lower Upper

88 100

43 33.3 27.4 41.0

58 68.4 57.1 85.7



#50

Toluene-d8

Concen: 49.593 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014485.D

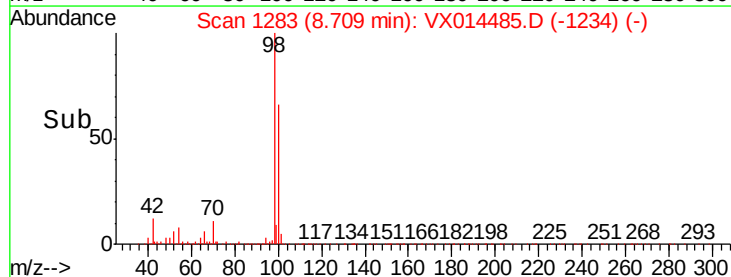
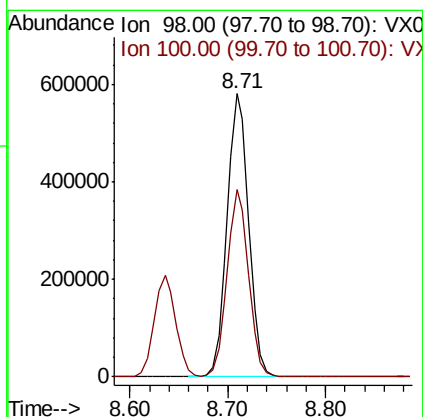
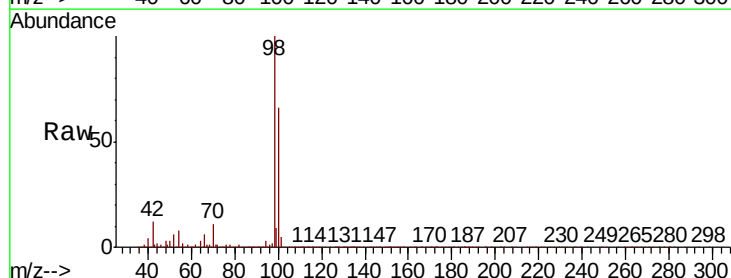
Acq: 08 Jan 2020 20:36

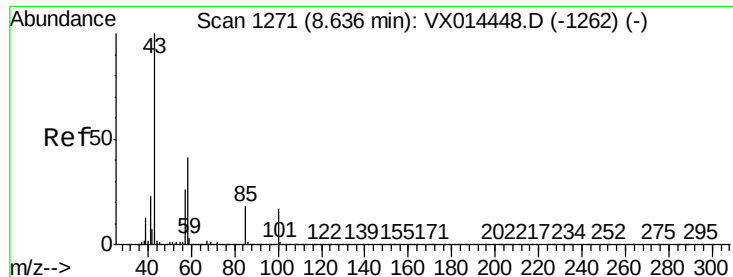
Tgt Ion: 98 Resp: 885475

Ion Ratio Lower Upper

98 100

100 65.6 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 248.781 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Instrument :

MSVOA_X

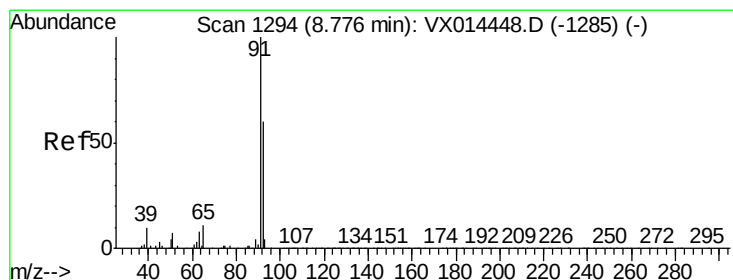
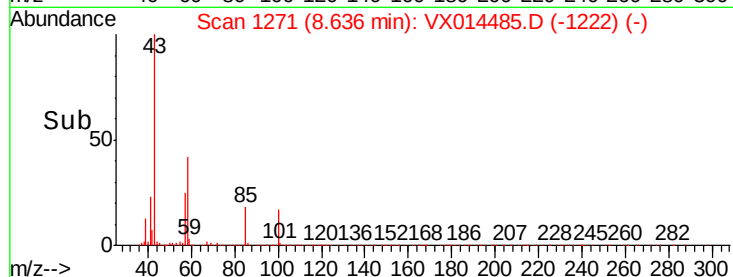
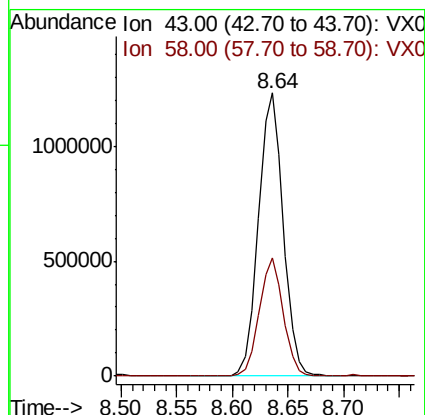
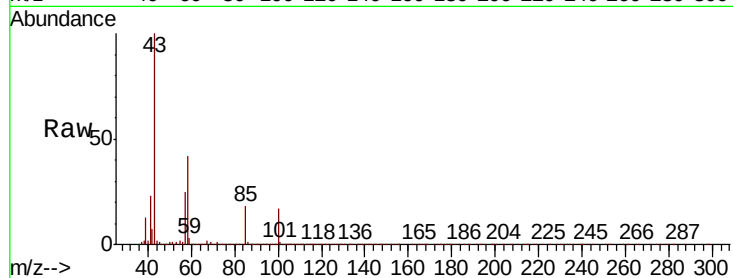
ClientSampleId :

Tot Ion: 43 Resp: 1901351

Ion Ratio Lower Upper

43 100

58 40.6 32.4 48.6



#52

Toluene

Concen: 48.481 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX014485.D

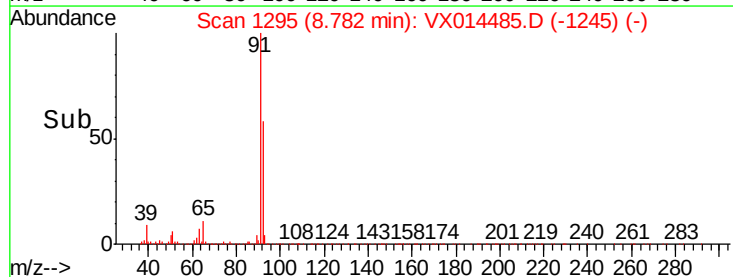
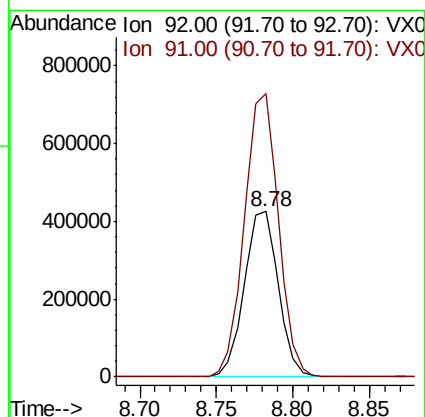
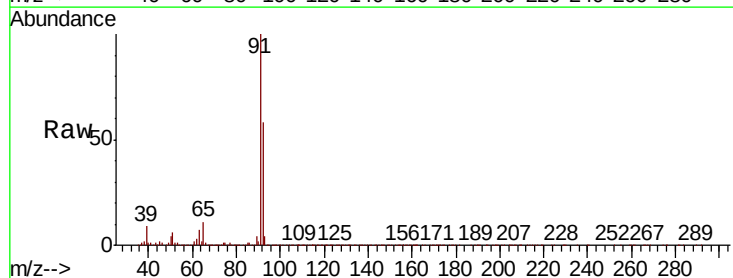
Acq: 08 Jan 2020 20:36

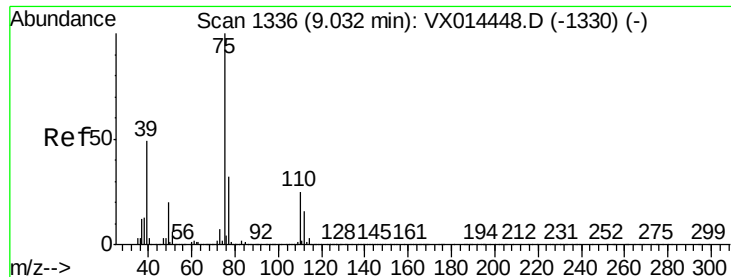
Tgt Ion: 92 Resp: 658375

Ion Ratio Lower Upper

92 100

91 171.0 135.7 203.5

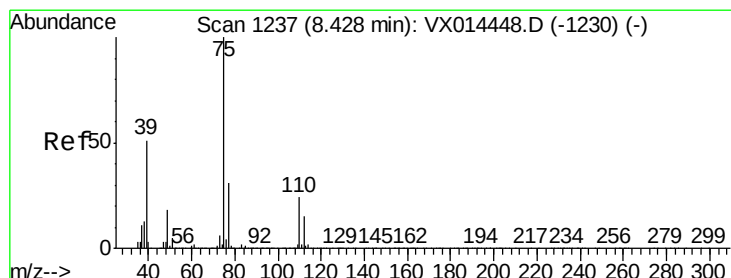
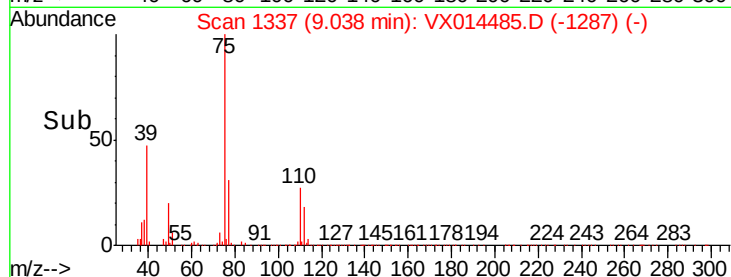
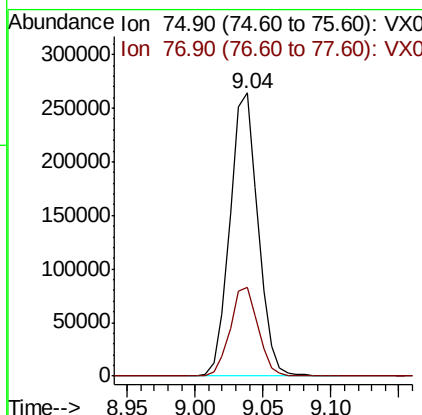
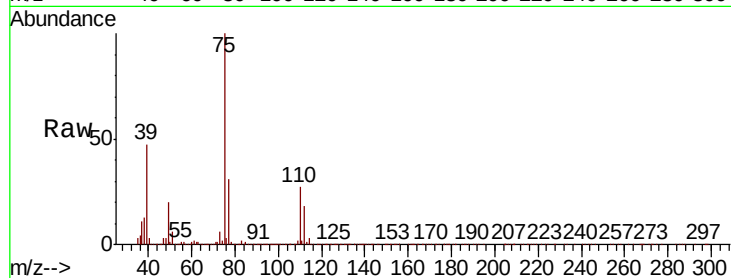




#53
t-1,3-Dichloropropene
Concen: 47.468 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.01 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

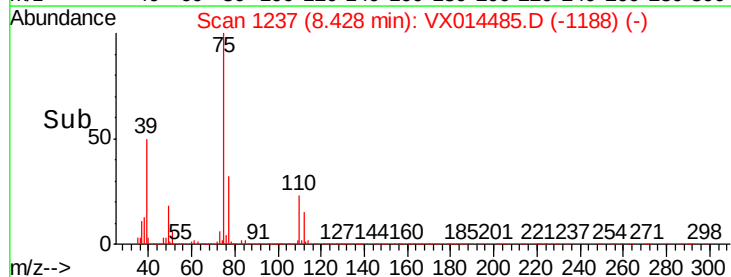
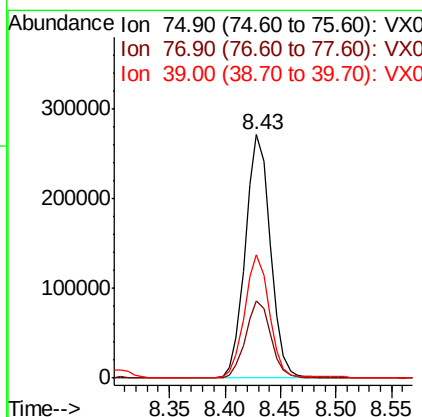
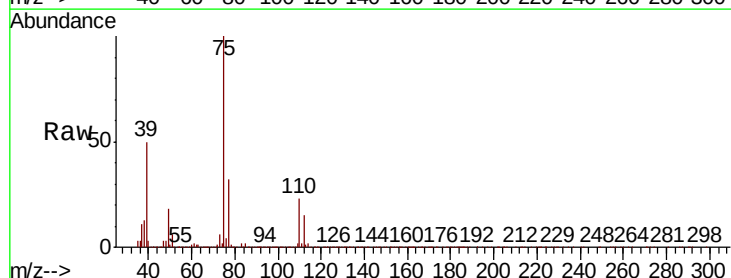
Instrument :
MSVOA_X
ClientSampled :

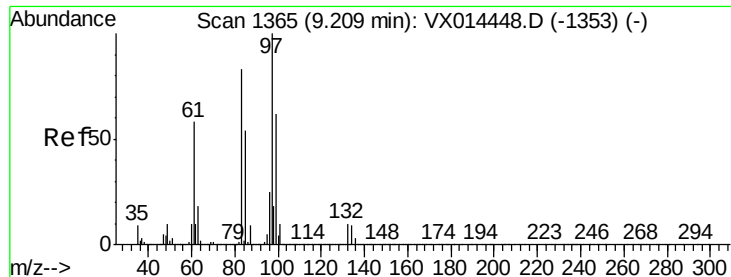
Tot Ion: 75 Resp: 379599
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 49.294 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Tgt Ion: 75 Resp: 425832
Ion Ratio Lower Upper
75 100
77 31.6 25.0 37.4
39 50.3 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 48.653 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 265380

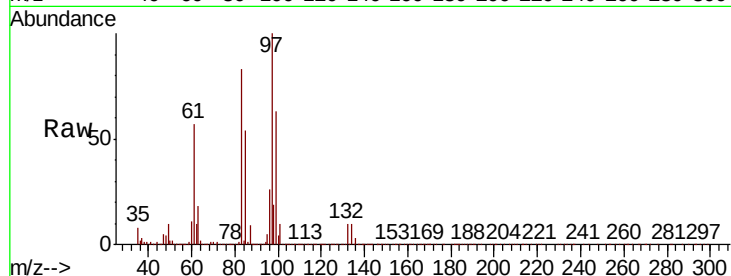
Ion Ratio Lower Upper

97 100

83 83.2 66.4 99.6

85 54.2 43.4 65.2

99 62.6 49.6 74.4

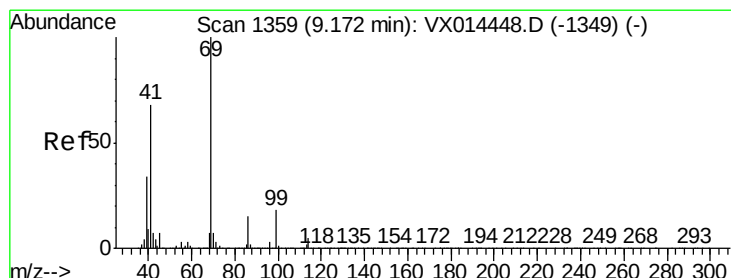
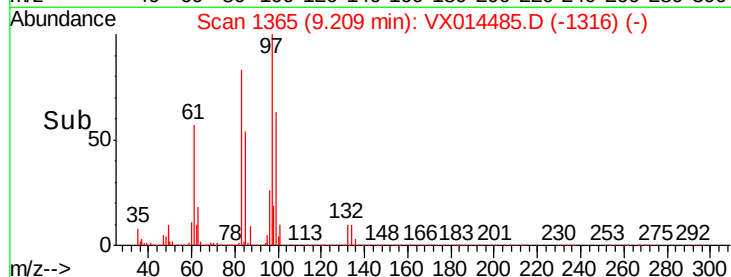
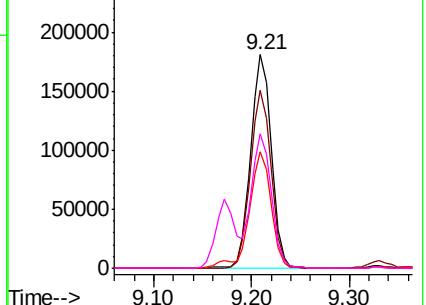


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 50.486 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

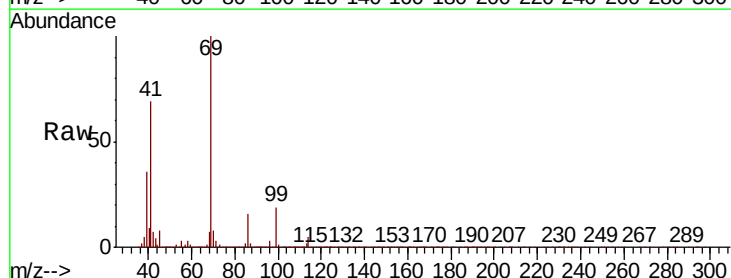
Tgt Ion: 69 Resp: 421897

Ion Ratio Lower Upper

69 100

41 69.0 54.2 81.2

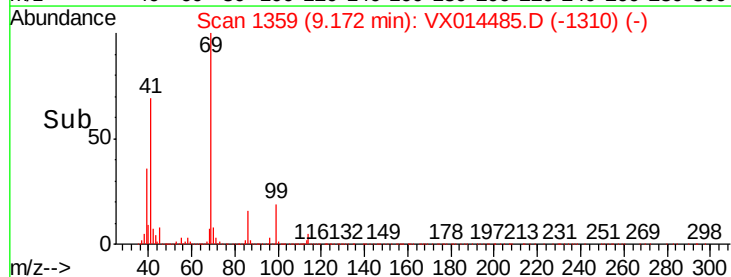
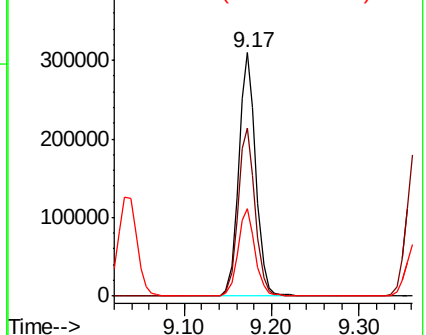
39 36.0 28.2 42.2

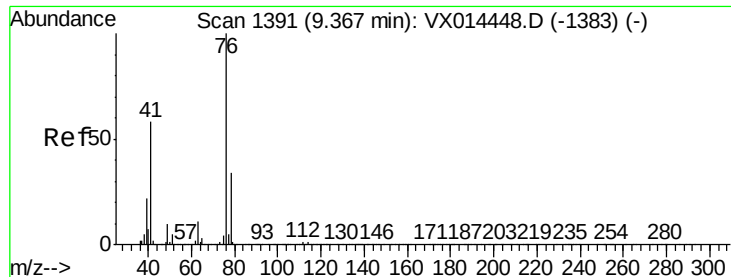


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

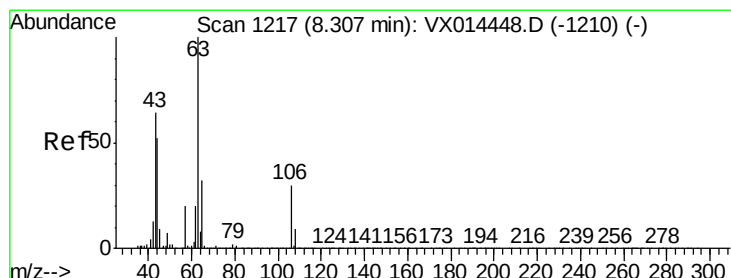
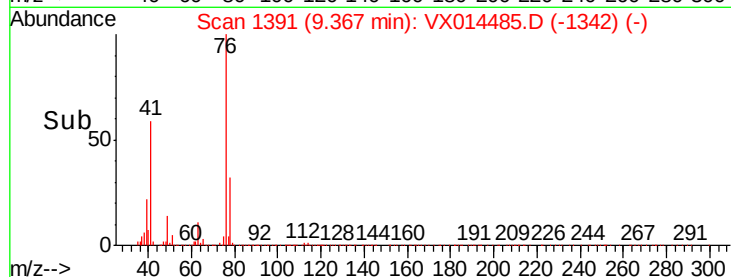
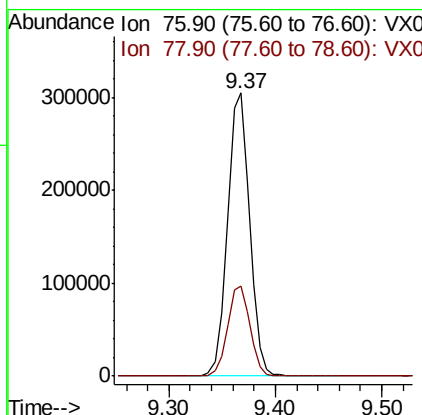
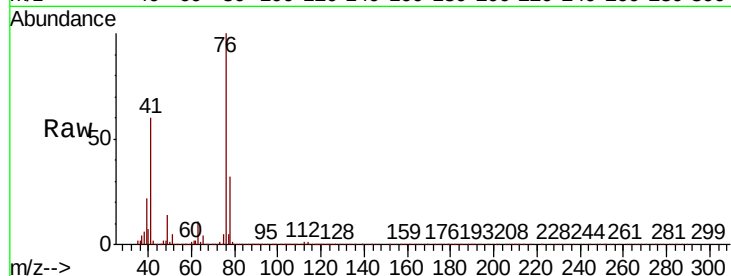




#57
 1,3-Dichloropropane
 Concen: 48.655 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX014485.D
 Acq: 08 Jan 2020 20:36

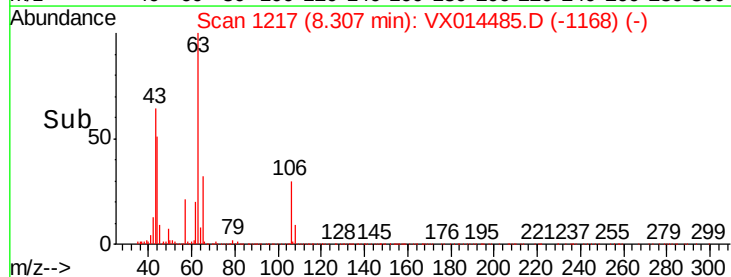
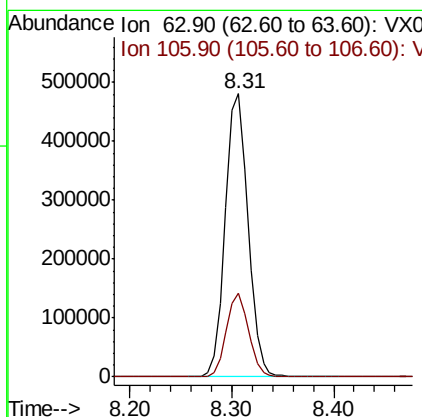
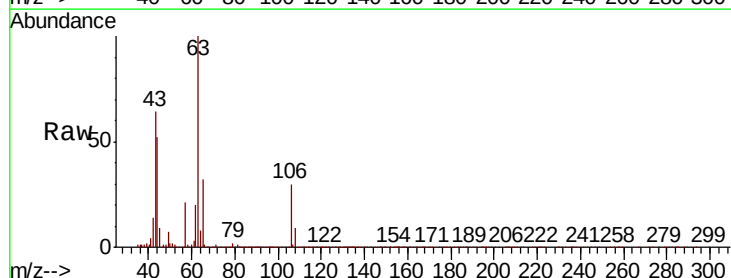
Instrument :
 MSVOA_X
 ClientSampleId :

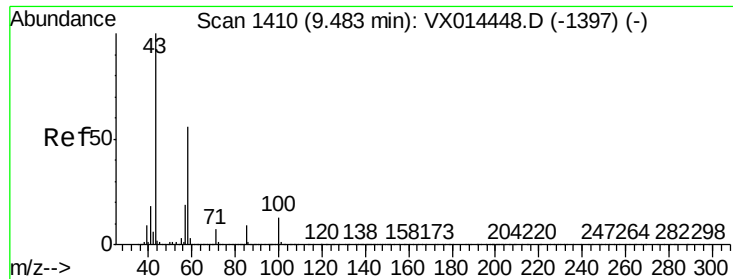
Tot Ion: 76 Resp: 443735
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 261.048 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX014485.D
 Acq: 08 Jan 2020 20:36

Tgt Ion: 63 Resp: 742215
 Ion Ratio Lower Upper
 63 100
 106 29.0 23.6 35.4





#59

2-Hexanone

Concen: 244.944 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

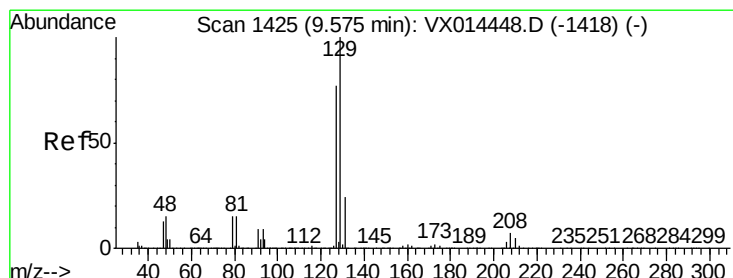
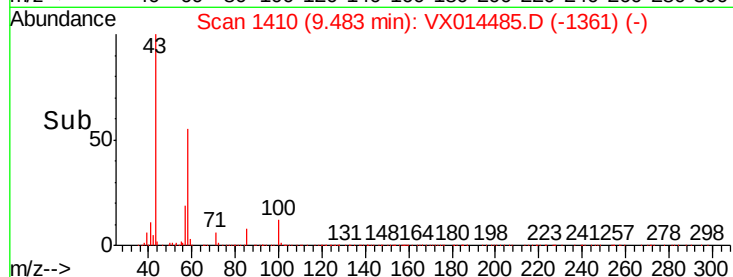
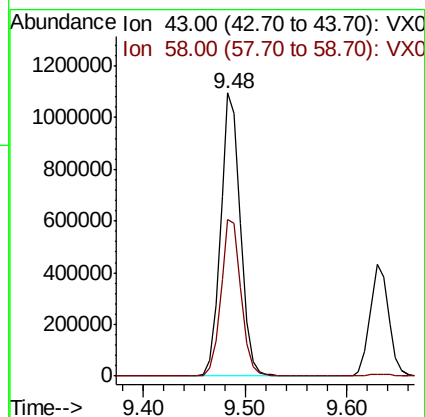
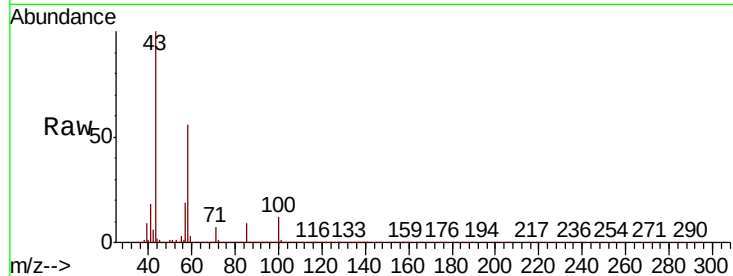
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1481228

Ion Ratio Lower Upper

43 100

58 56.2 27.9 83.7



#60

Dibromochloromethane

Concen: 50.641 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.01 min

Lab File: VX014485.D

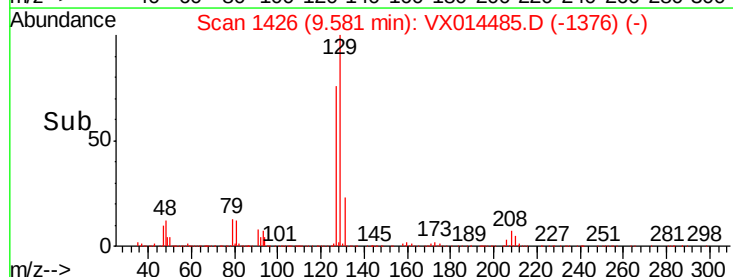
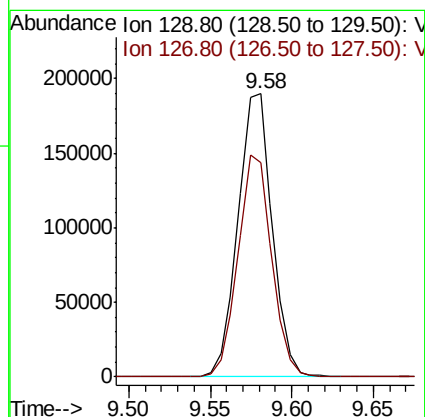
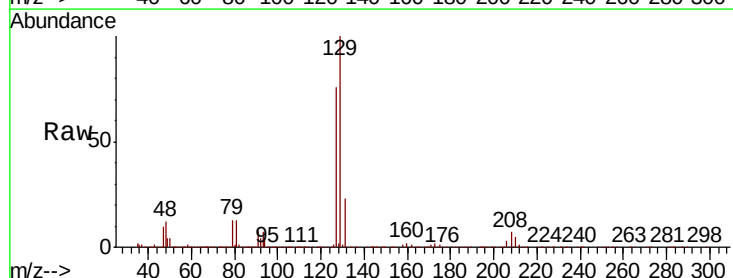
Acq: 08 Jan 2020 20:36

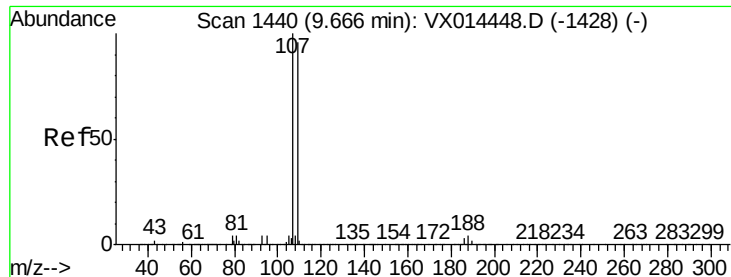
Tgt Ion:129 Resp: 277636

Ion Ratio Lower Upper

129 100

127 77.1 38.6 116.0

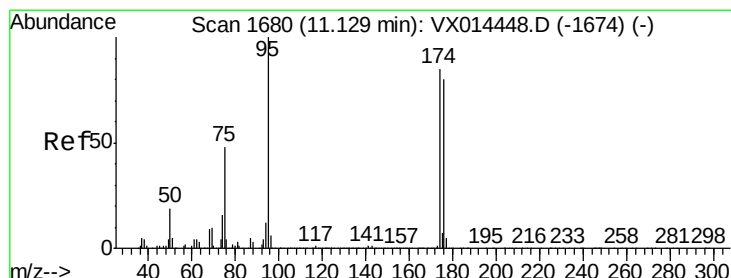
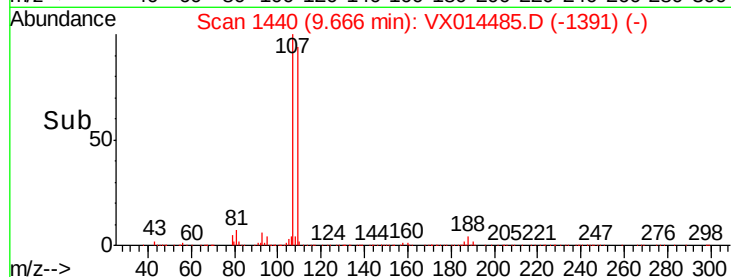
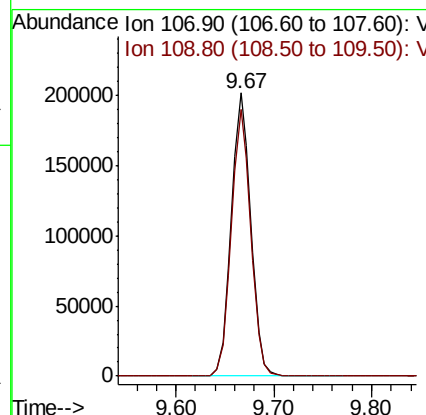
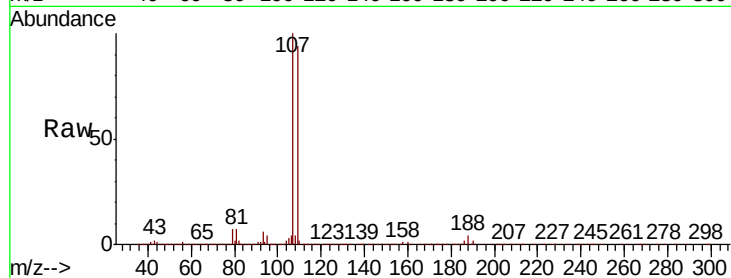




#61
 1,2-Dibromoethane
 Concen: 48.498 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014485.D
 Acq: 08 Jan 2020 20:36

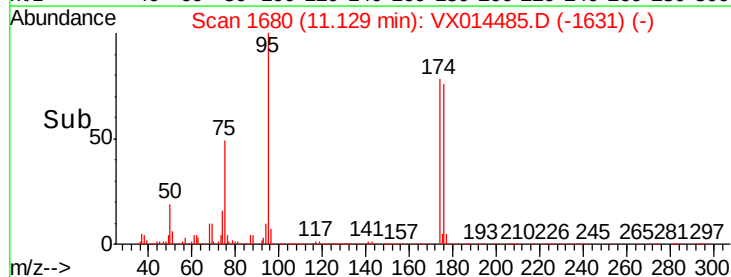
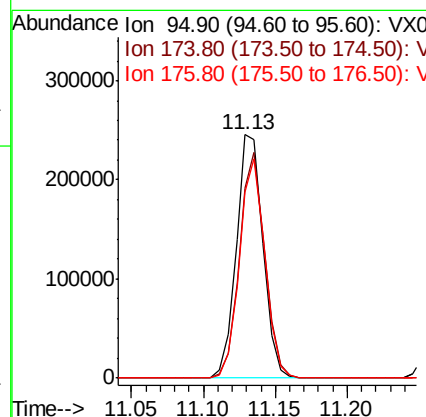
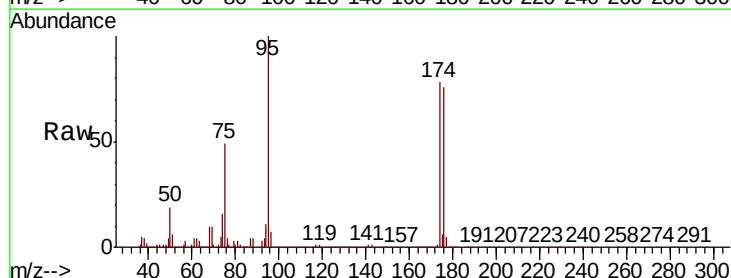
Instrument :
 MSVOA_X
 ClientSampleId :

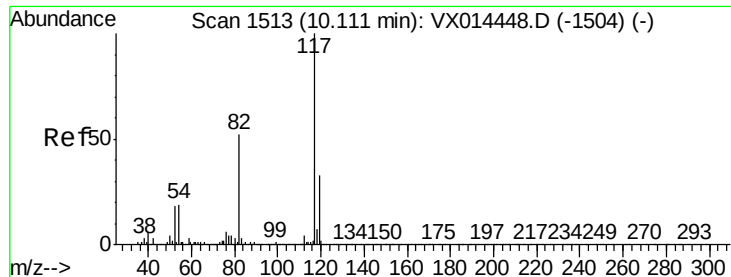
Tot Ion: 107 Resp: 280221
 Ion Ratio Lower Upper
 107 100
 109 93.8 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 48.455 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: VX014485.D
 Acq: 08 Jan 2020 20:36

Tgt Ion: 95 Resp: 317610
 Ion Ratio Lower Upper
 95 100
 174 88.1 0.0 180.8
 176 86.2 0.0 172.8

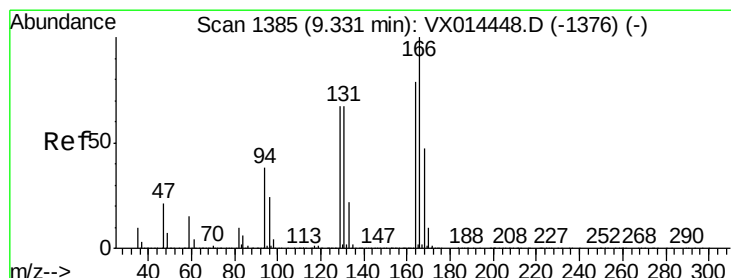
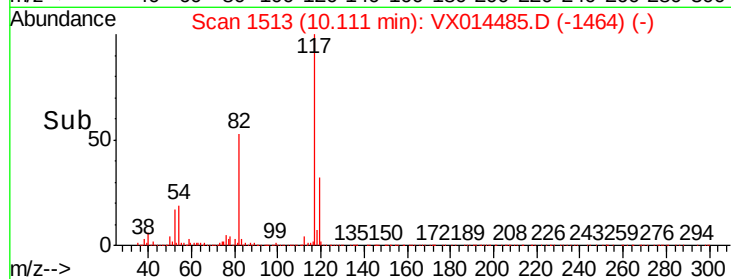
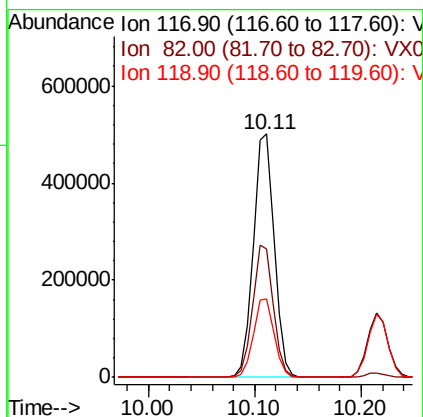
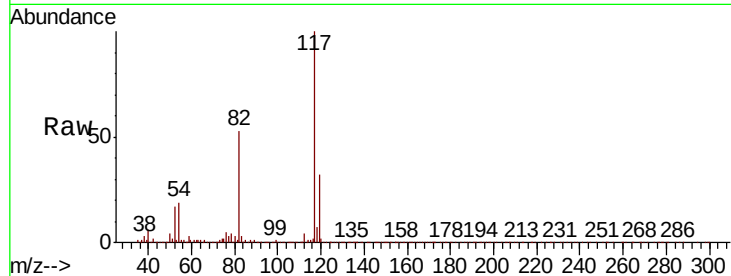




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

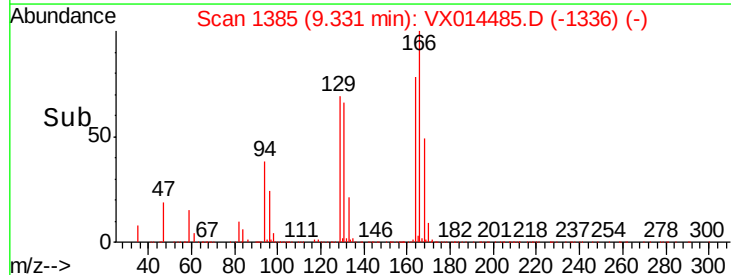
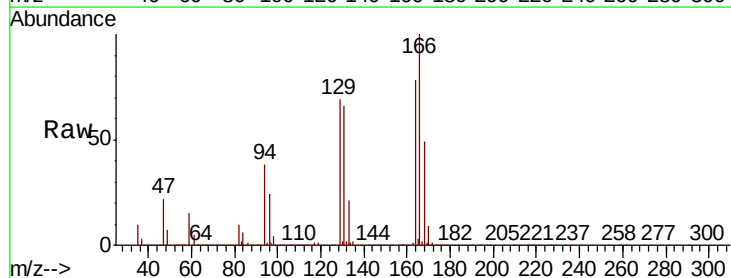
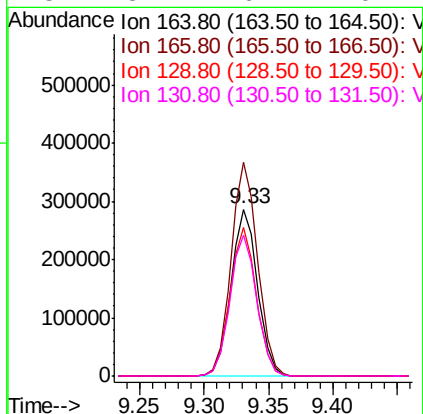
Instrument :
MSVOA_X
ClientSampleId :

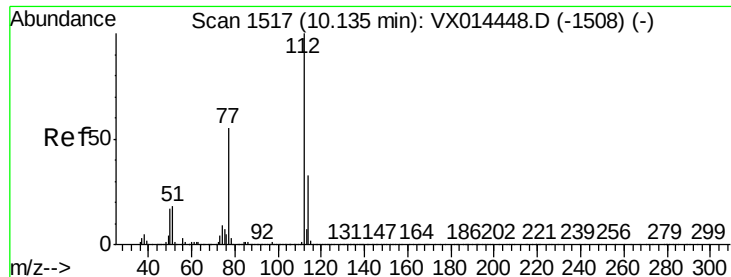
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	41.8	62.6
119	32.2	26.2	39.4



#64
Tetrachloroethene
Concen: 59.215 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.8	101.2	151.8
129	88.8	68.3	102.5
131	84.4	67.4	101.2

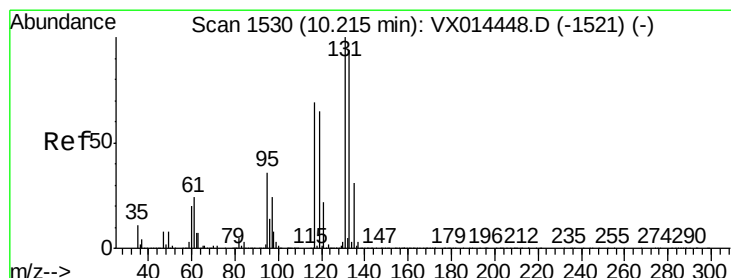
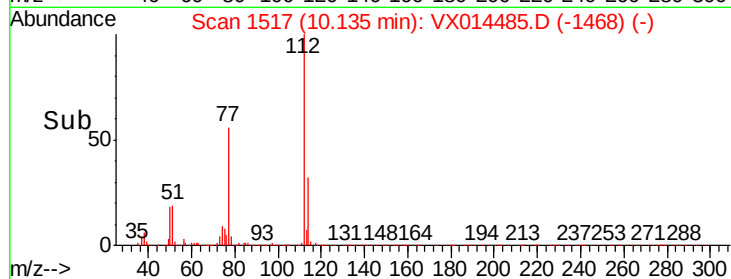
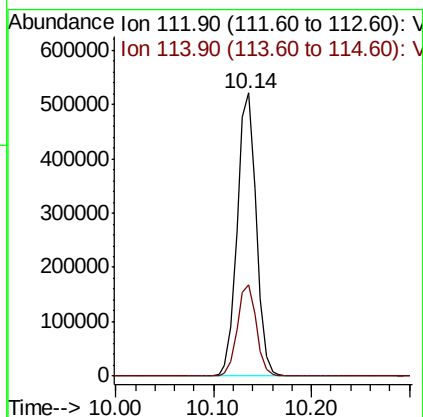
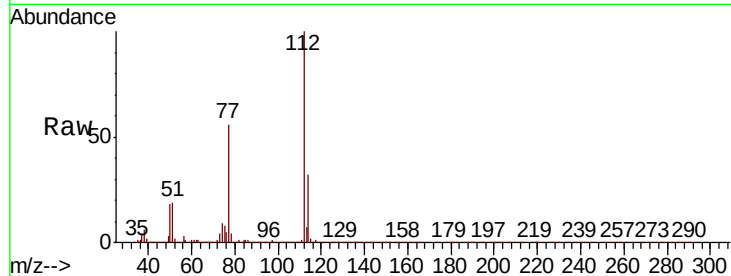




#65
Chlorobenzene
Concen: 46.673 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

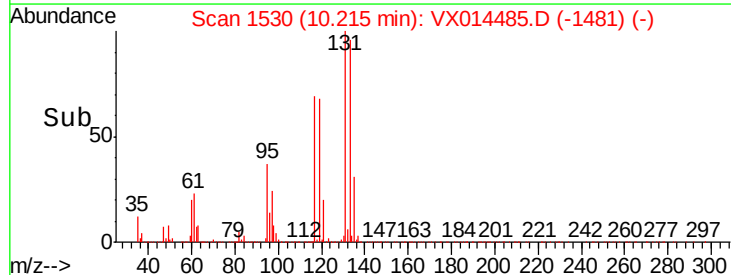
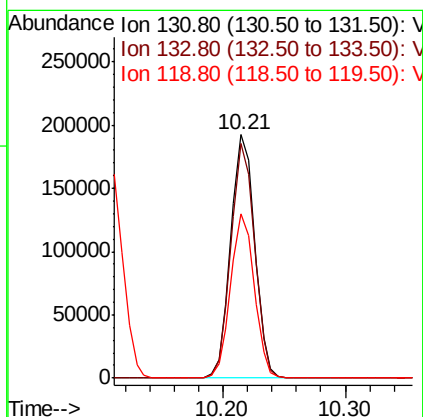
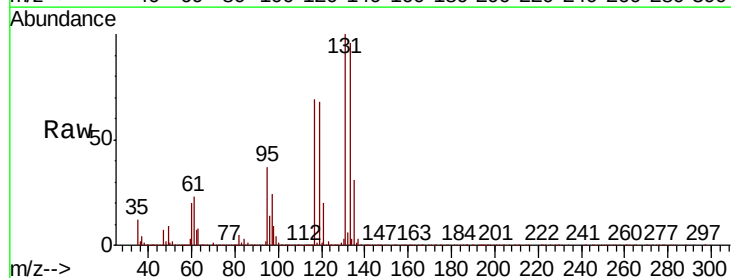
Instrument :
MSVOA_X
ClientSampleId :

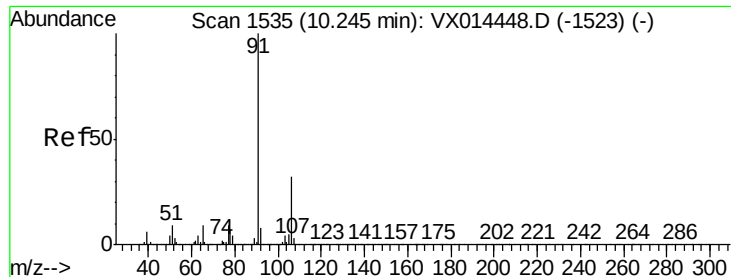
Tot Ion:112 Resp: 701843
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.484 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Tgt Ion:131 Resp: 260185
Ion Ratio Lower Upper
131 100
133 95.3 47.3 142.0
119 66.4 32.8 98.4

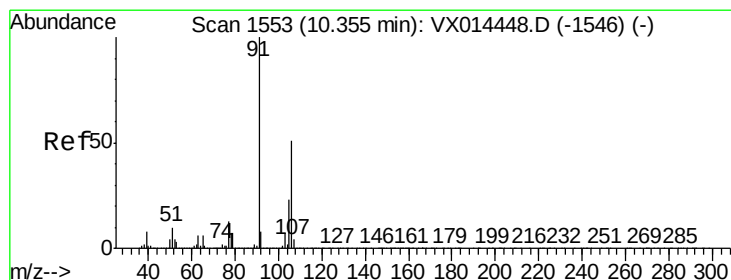
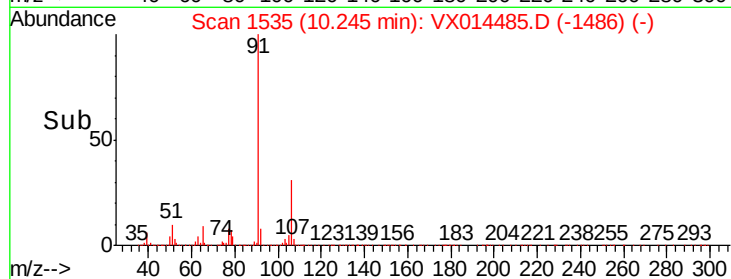
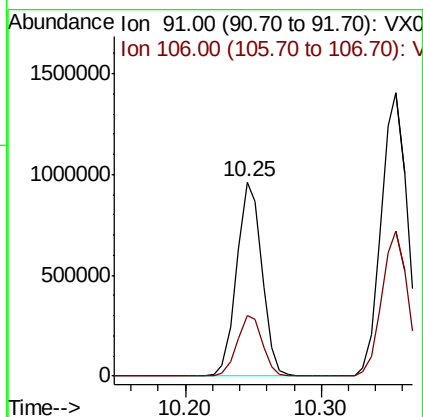
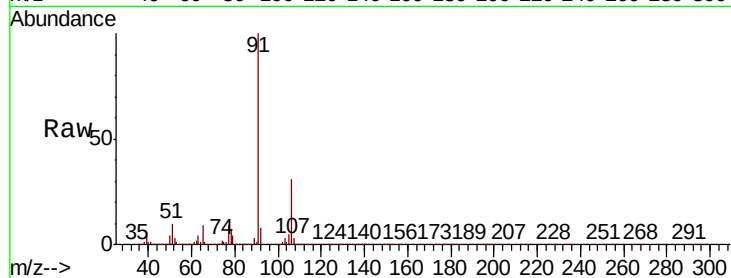




#67
Ethyl Benzene
Concen: 48.311 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

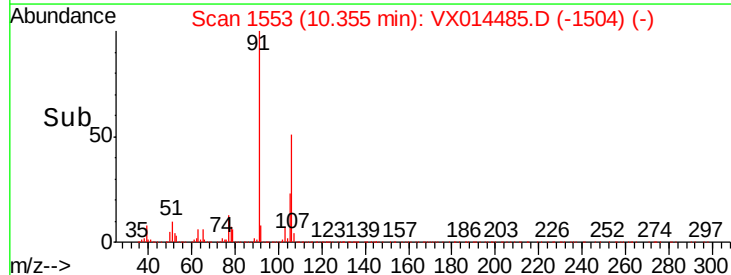
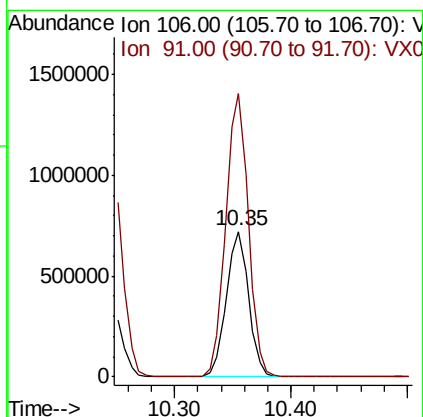
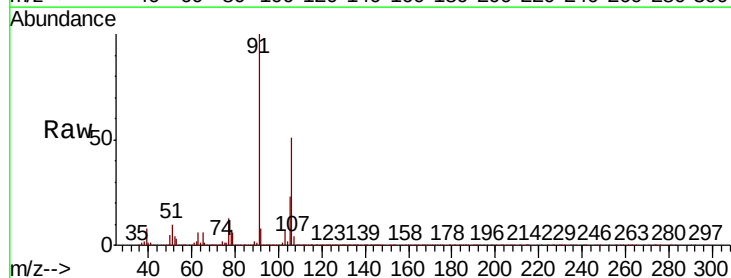
Instrument :
MSVOA_X
ClientSampleId :

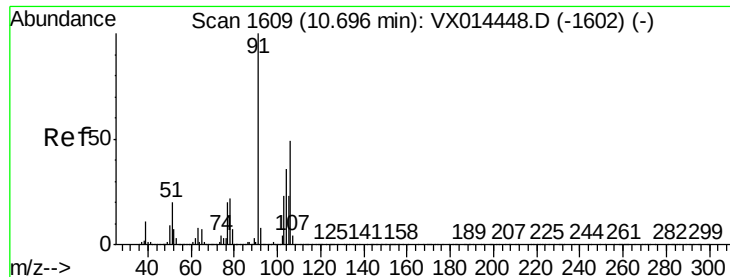
Tot Ion: 91 Resp: 1238244
Ion Ratio Lower Upper
91 100
106 31.0 25.6 38.4



#68
m/p-Xylenes
Concen: 96.070 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Tgt Ion: 106 Resp: 949946
Ion Ratio Lower Upper
106 100
91 198.2 157.4 236.0

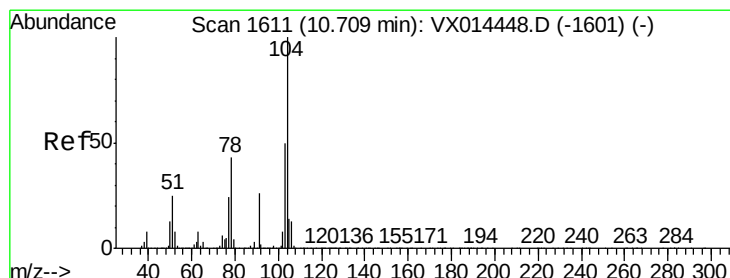
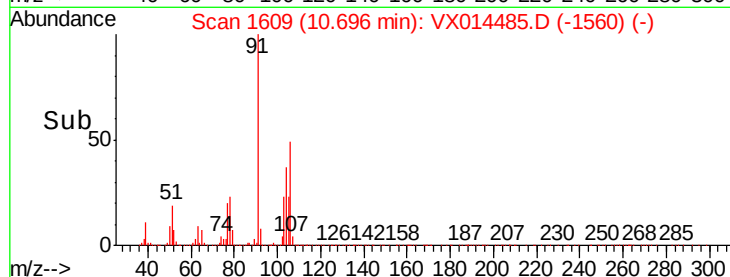
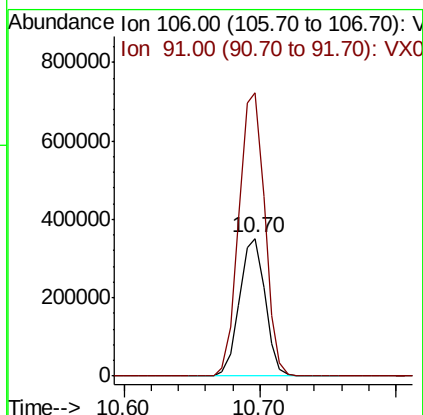
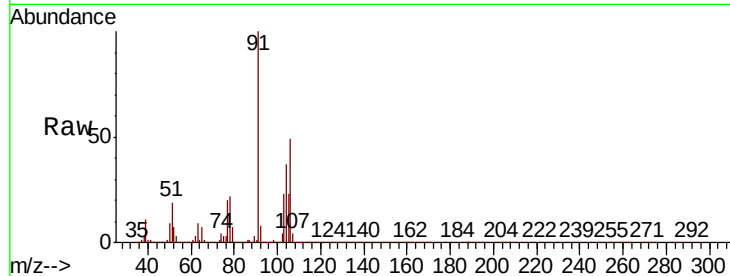




#69
o-Xylene
Concen: 48.909 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

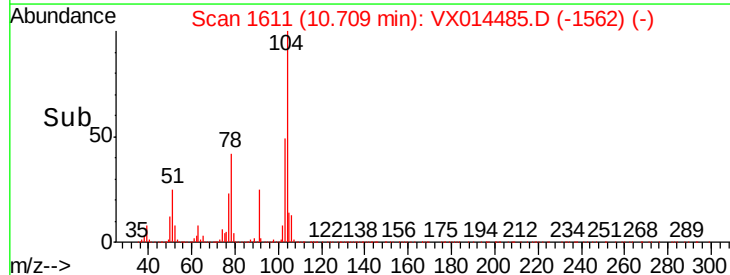
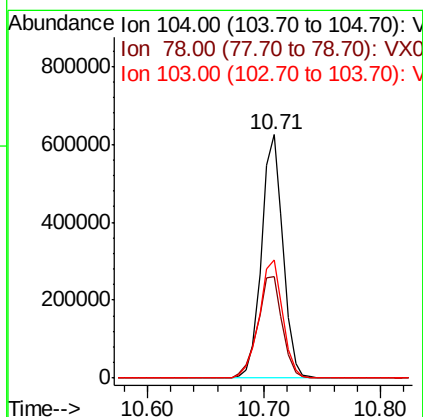
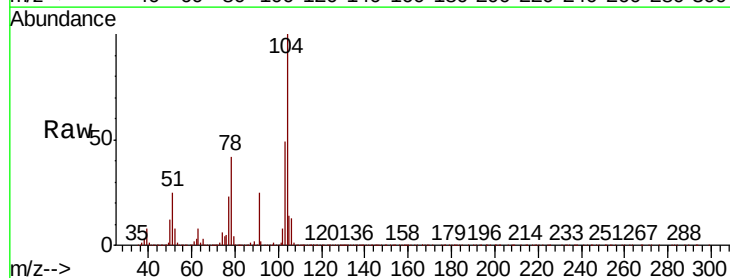
Instrument :
MSVOA_X
ClientSampled :

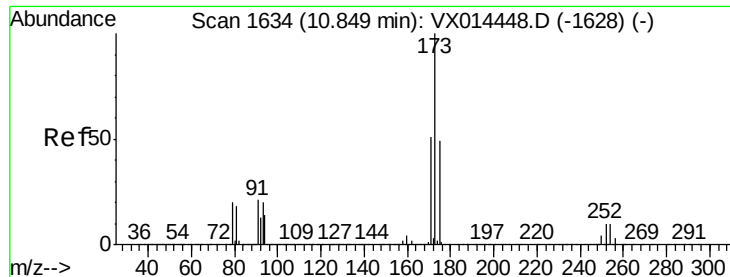
Tot Ion:106 Resp: 461428
Ion Ratio Lower Upper
106 100
91 207.7 105.1 315.1



#70
Styrene
Concen: 48.949 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Tgt Ion:104 Resp: 796956
Ion Ratio Lower Upper
104 100
78 47.9 38.6 58.0
103 53.2 43.7 65.5





#71

Bromoform

Concen: 48.580 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

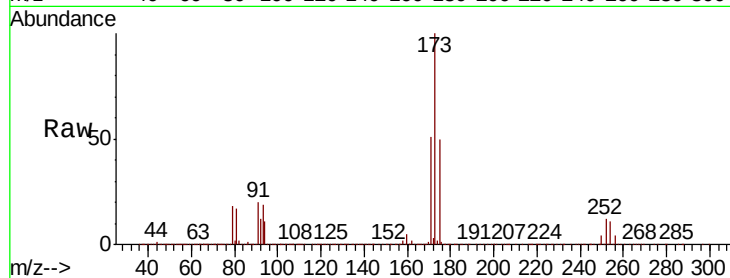
Tot Ion:173 Resp: 213297

Ion Ratio Lower Upper

173 100

175 49.6 24.3 72.8

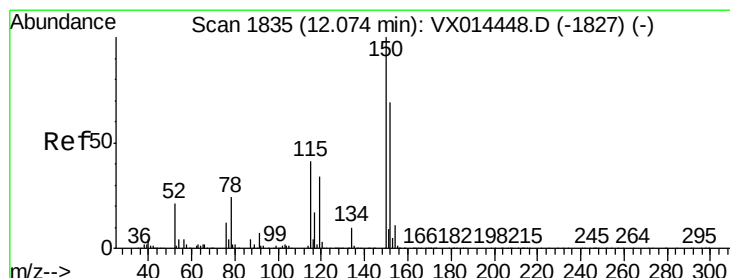
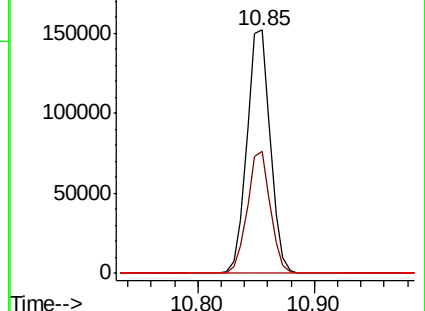
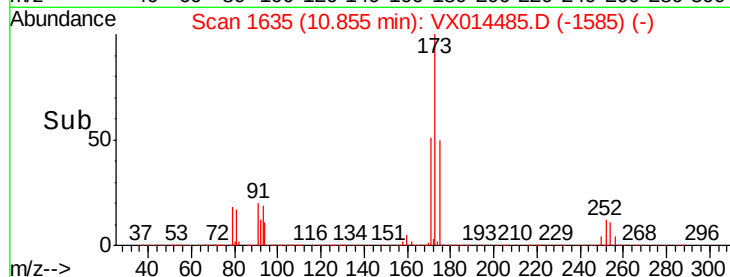
254 0.3 0.2 0.2#



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: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

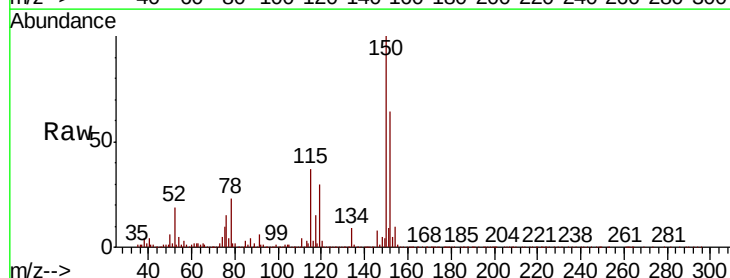
Tgt Ion:152 Resp: 342536

Ion Ratio Lower Upper

152 100

115 77.7 39.5 118.3

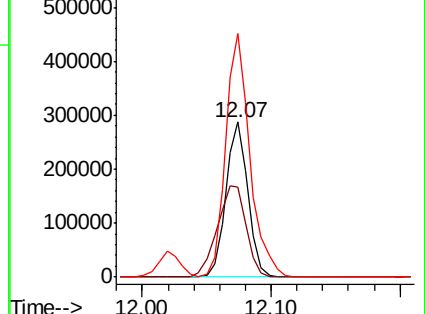
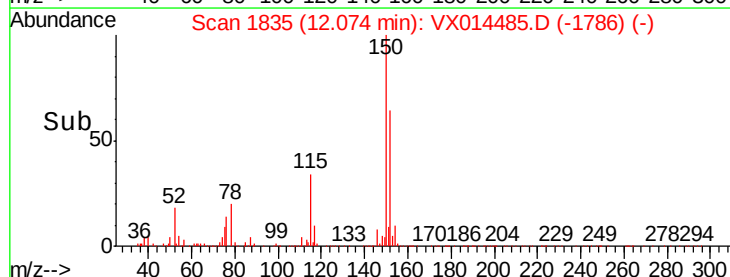
150 173.8 0.0 350.2

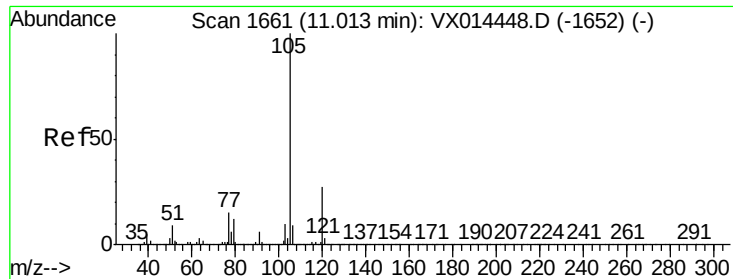


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.907 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Instrument :

MSVOA_X

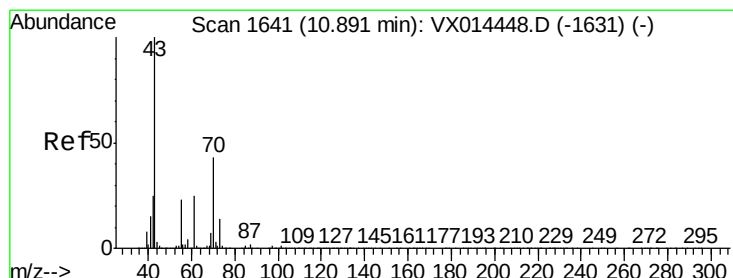
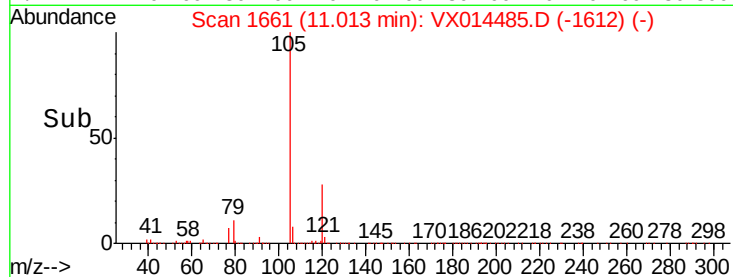
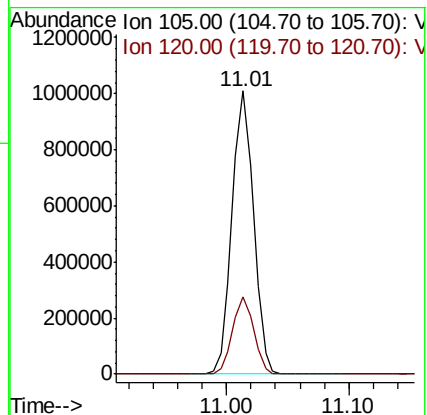
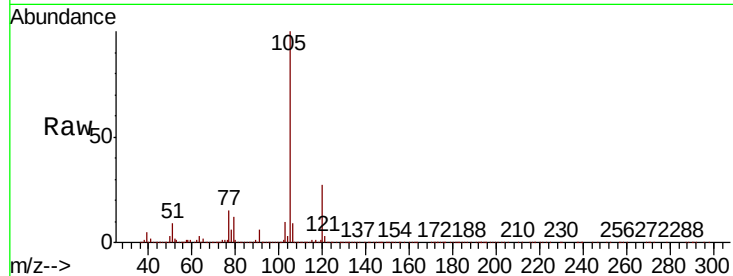
ClientSampleId :

Tot Ion:105 Resp: 1224500

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



#74

N-ethyl acetate

Concen: 51.852 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Tgt Ion: 43 Resp: 550254

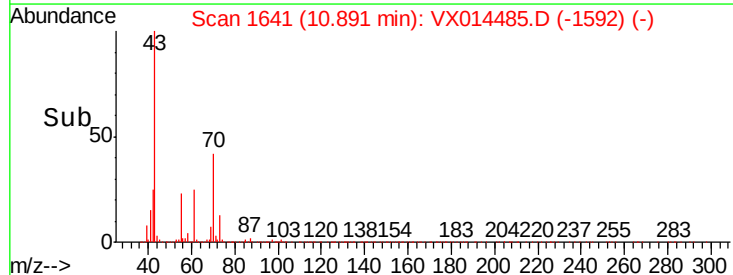
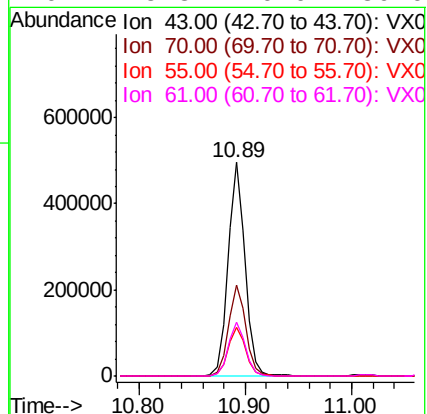
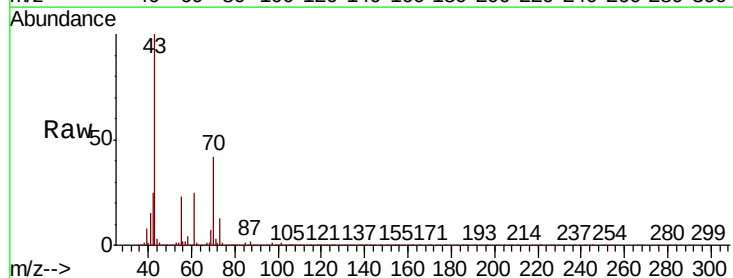
Ion Ratio Lower Upper

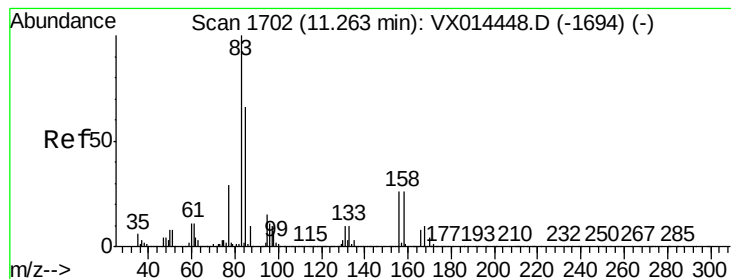
43 100

70 43.5 35.1 52.7

55 23.8 19.3 28.9

61 25.3 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.767 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

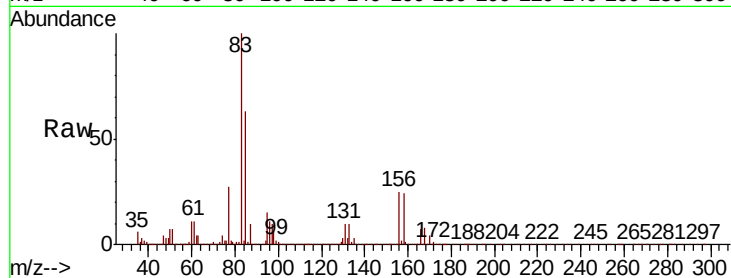
Tot Ion: 83 Resp: 360753

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

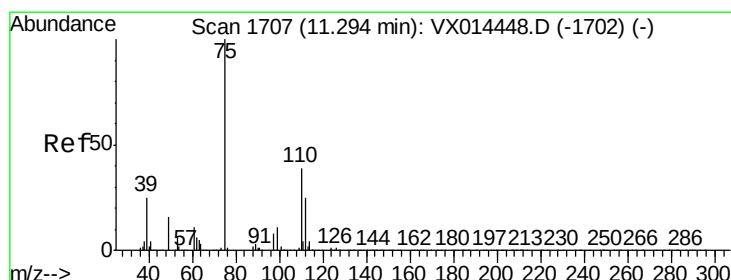
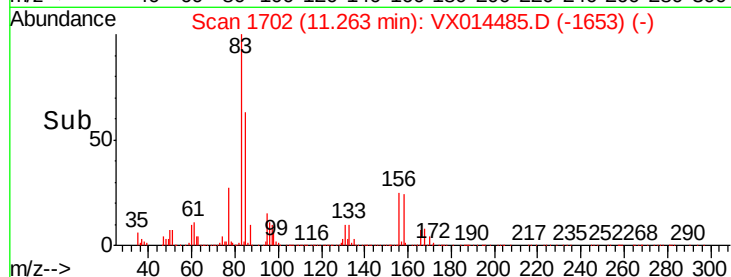
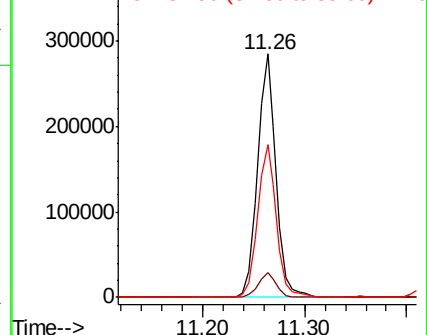
85 63.9 32.5 97.4



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: 65.453 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX014485.D

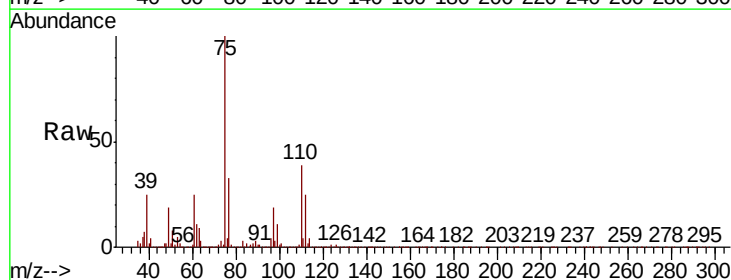
Acq: 08 Jan 2020 20:36

Tgt Ion: 75 Resp: 463875

Ion Ratio Lower Upper

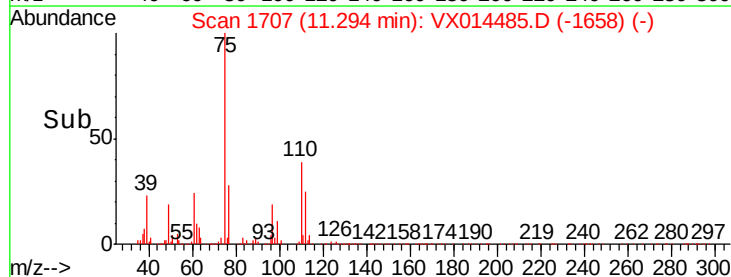
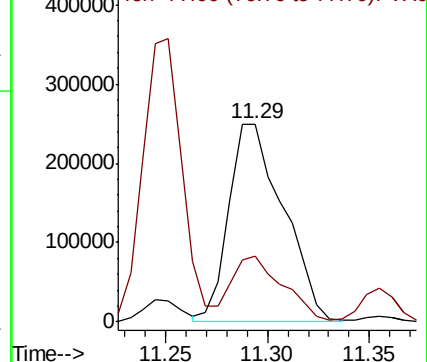
75 100

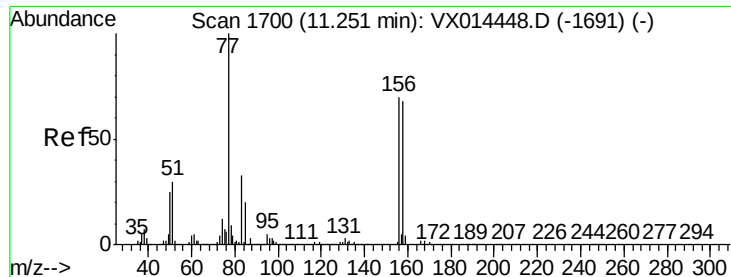
77 30.6 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.064 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

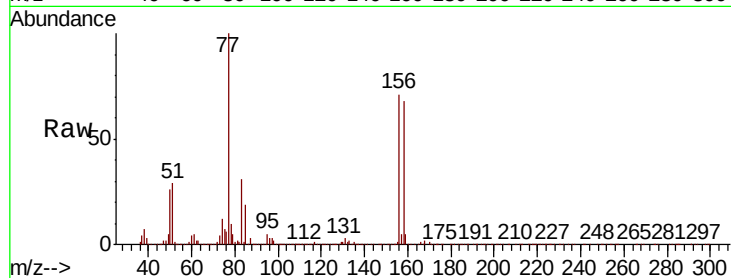
Tot Ion:156 Resp: 320613

Ion Ratio Lower Upper

156 100

77 149.5 75.4 226.3

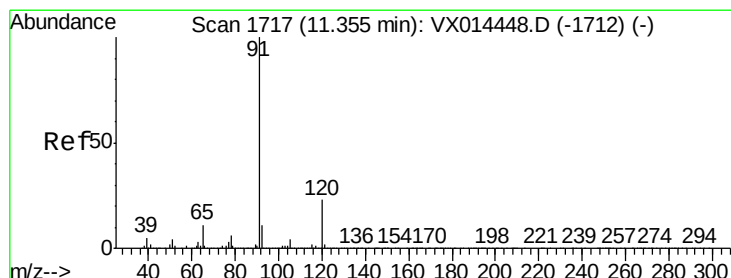
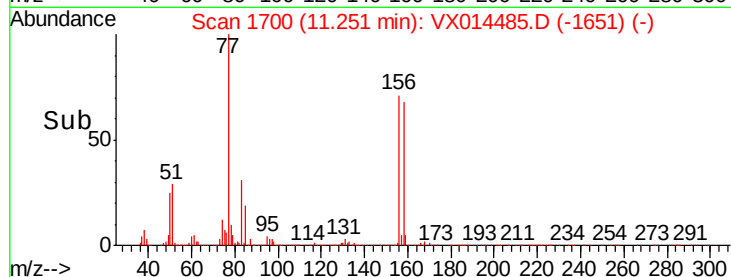
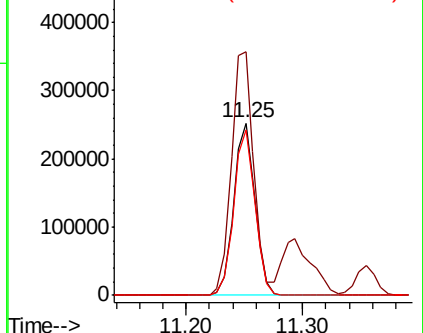
158 96.3 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.321 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014485.D

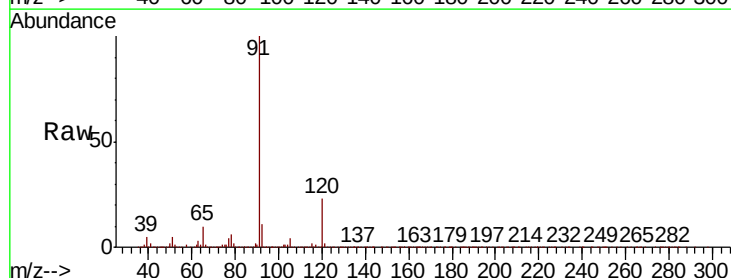
Acq: 08 Jan 2020 20:36

Tgt Ion: 91 Resp: 1386193

Ion Ratio Lower Upper

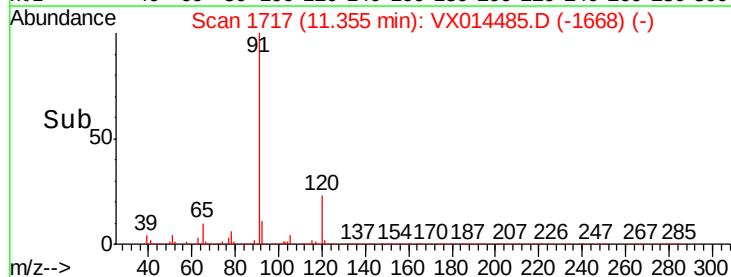
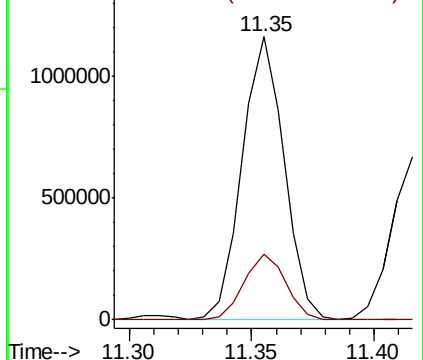
91 100

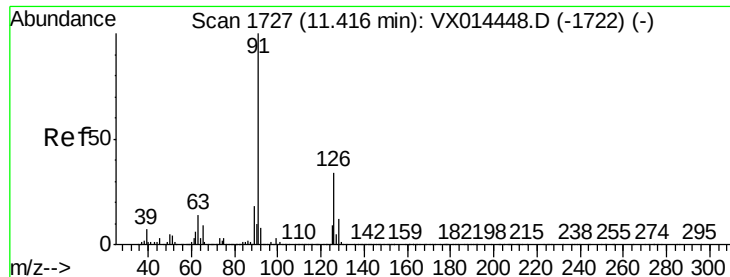
120 23.5 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

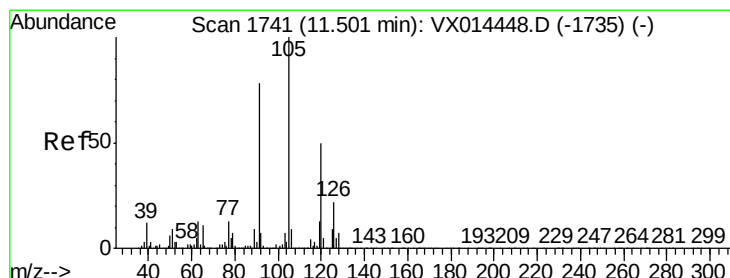
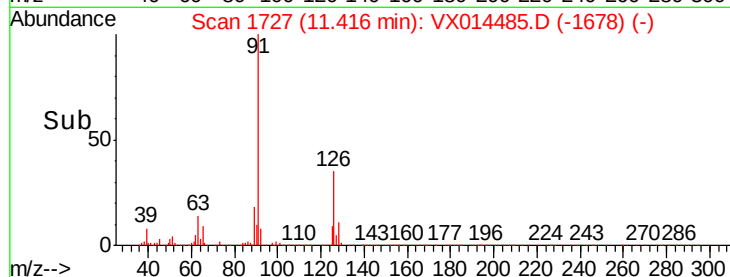
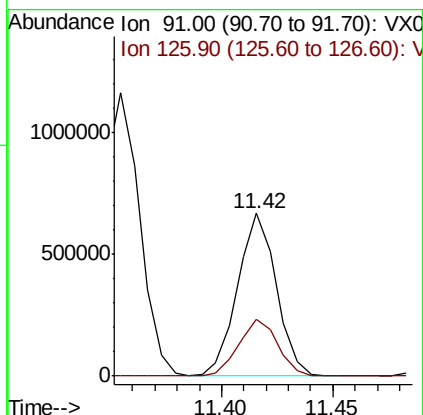
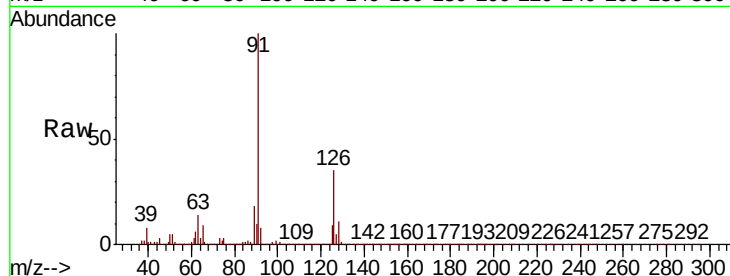




#79
2-Chlorotoluene
Concen: 49.396 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

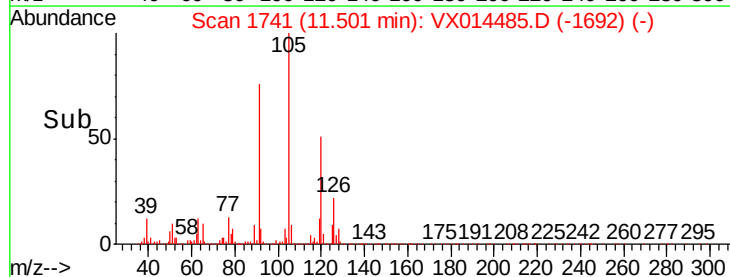
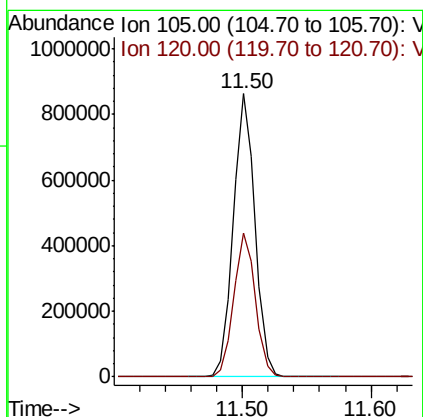
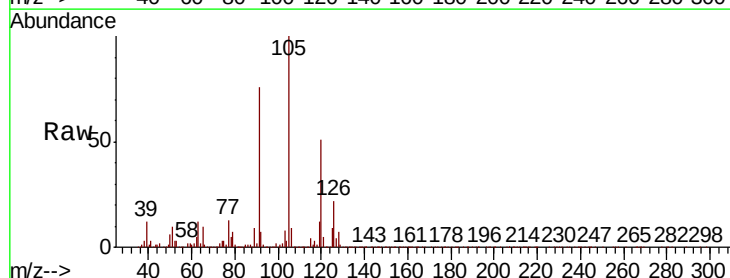
Instrument :
MSVOA_X
ClientSampleId :

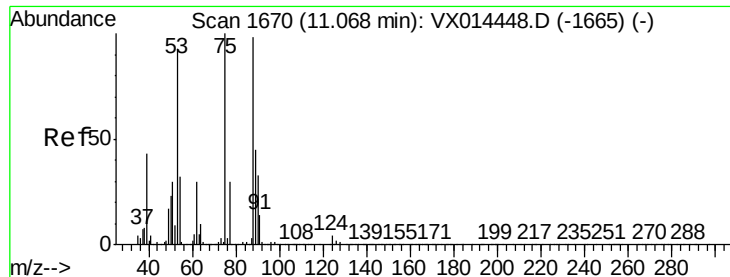
Tot Ion: 91 Resp: 810982
Ion Ratio Lower Upper
91 100
126 35.4 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 50.810 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Tgt Ion: 105 Resp: 1014686
Ion Ratio Lower Upper
105 100
120 50.6 25.2 75.6

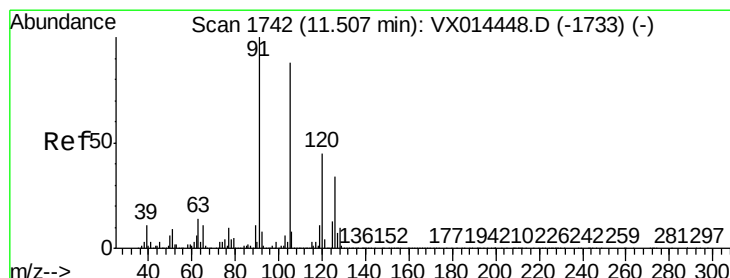
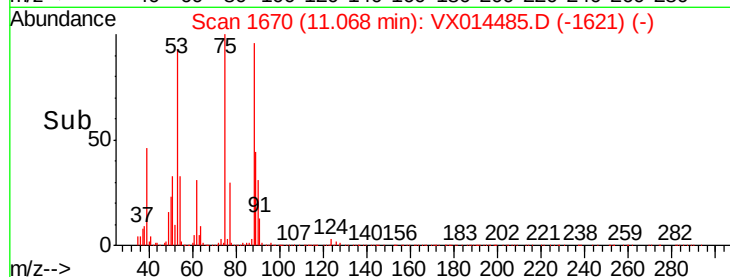
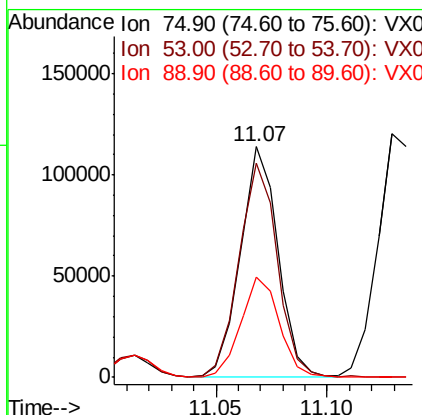
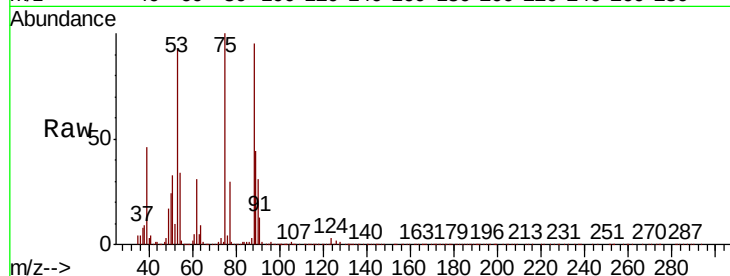




#81
trans-1,4-Dichloro-2-butene
Concen: 50.064 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

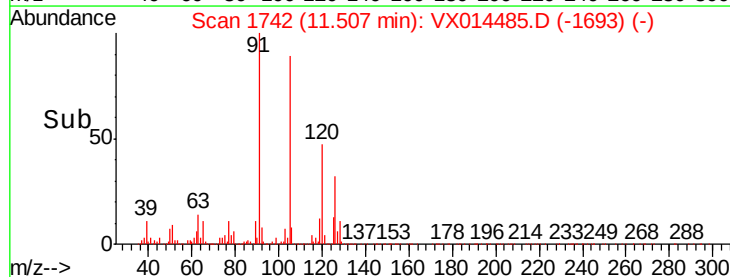
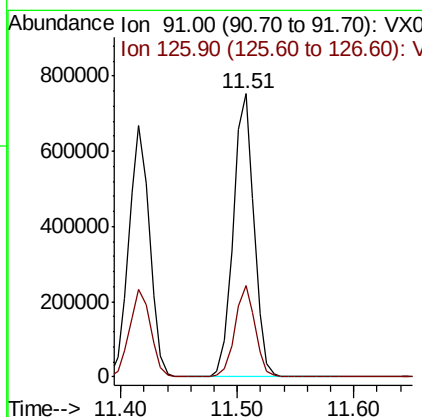
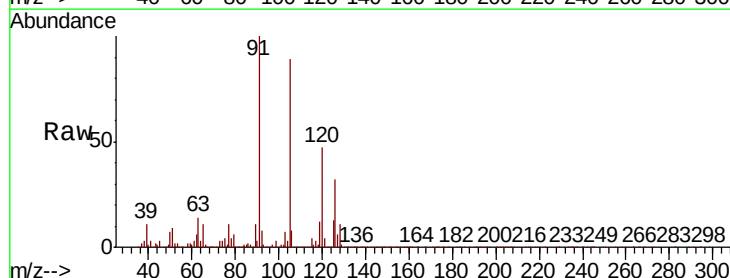
Instrument :
MSVOA_X
ClientSampleId :

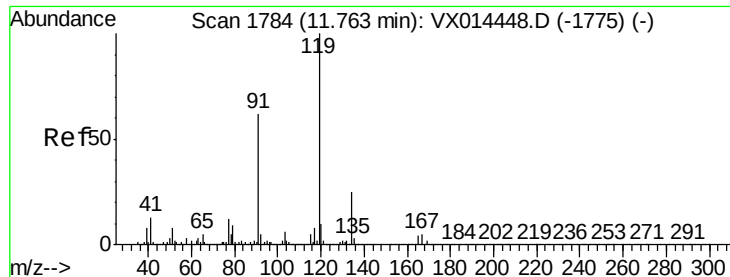
Tot Ion: 75 Resp: 134204
Ion Ratio Lower Upper
75 100
53 94.9 74.8 112.2
89 45.1 36.3 54.5



#82
4-Chlorotoluene
Concen: 48.385 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Tgt Ion: 91 Resp: 932449
Ion Ratio Lower Upper
91 100
126 31.2 15.9 47.7

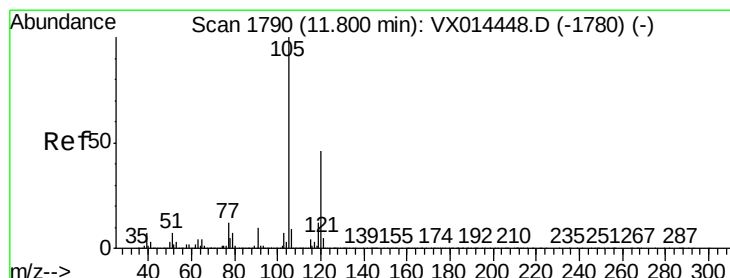
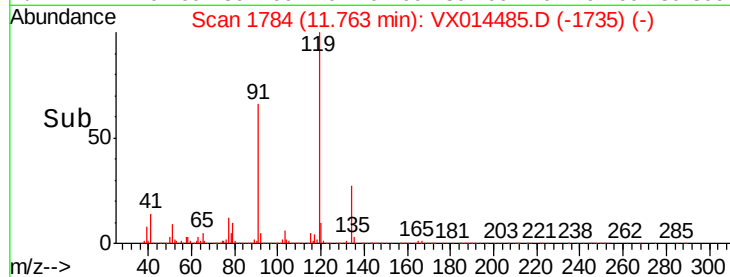
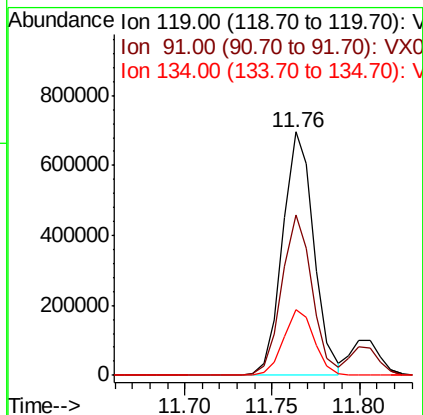
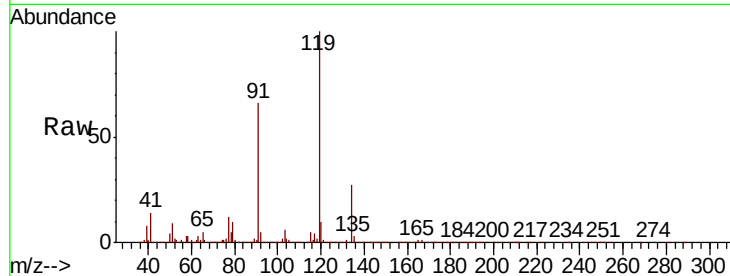




#83
 tert-Butylbenzene
 Concen: 45.960 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014485.D
 Acq: 08 Jan 2020 20:36

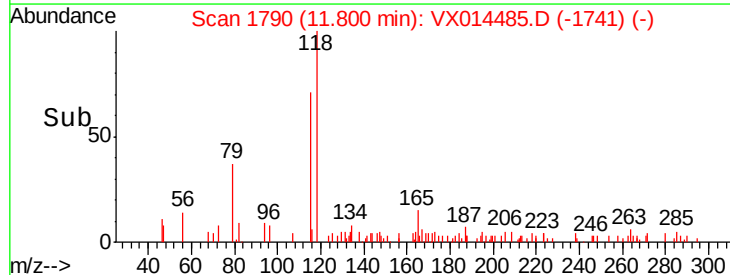
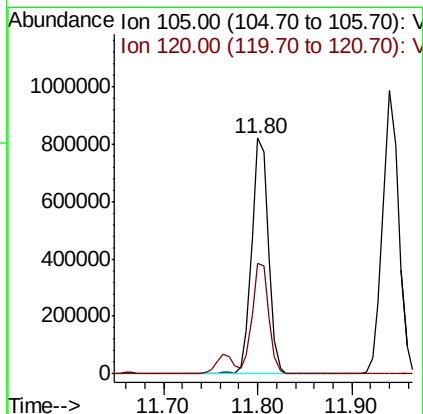
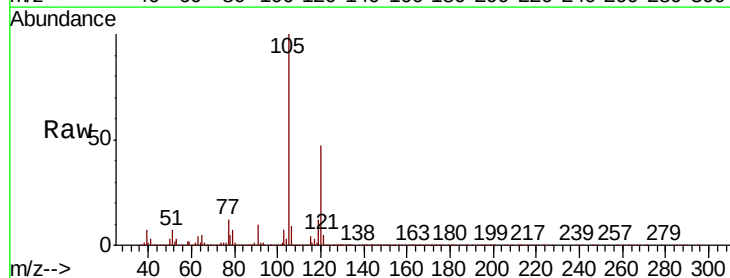
Instrument :
 MSVOA_X
 ClientSampleId :

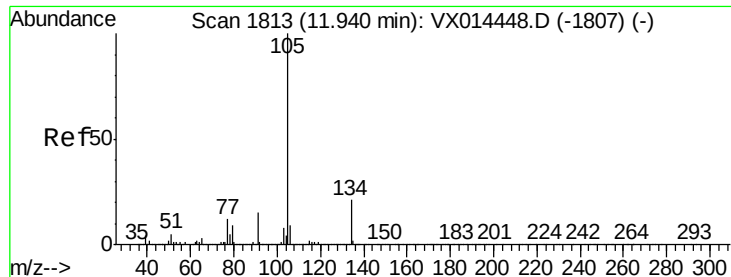
Tot Ion:119 Resp: 867207
 Ion Ratio Lower Upper
 119 100
 91 64.3 29.3 88.0
 134 26.5 12.4 37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 50.808 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX014485.D
 Acq: 08 Jan 2020 20:36

Tgt Ion:105 Resp: 1025245
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.1 69.3





#85

sec-Butylbenzene

Concen: 50.205 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Instrument :

MSVOA_X

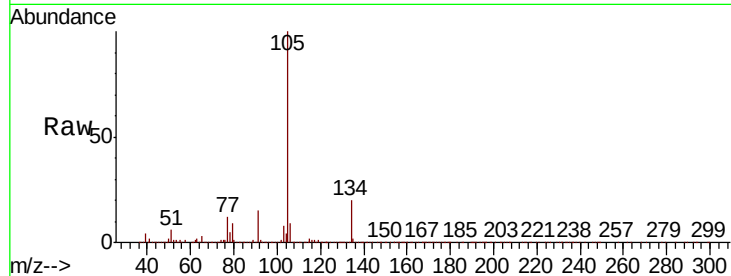
ClientSampled :

Tot Ion:105 Resp: 1177654

Ion Ratio Lower Upper

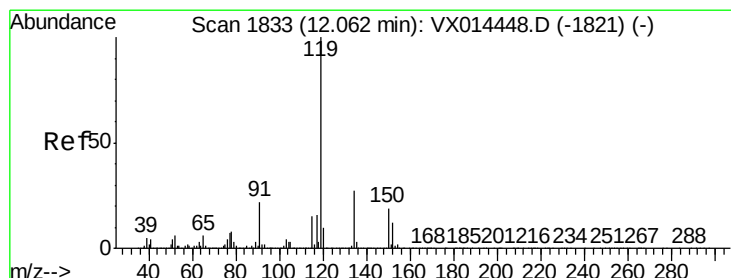
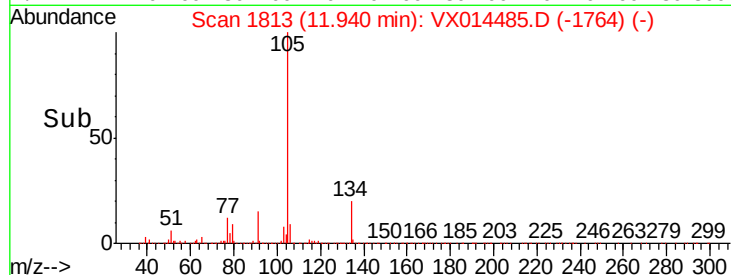
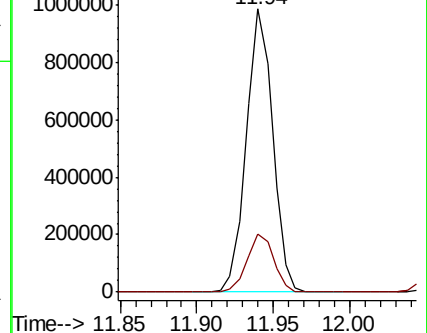
105 100

134 20.9 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.575 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

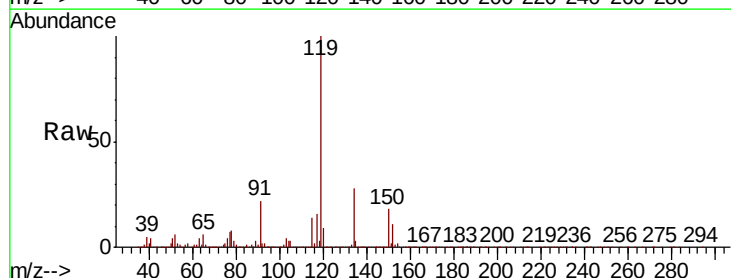
Tgt Ion:119 Resp: 1079093

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

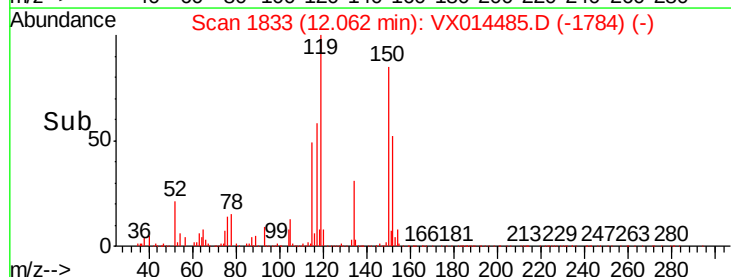
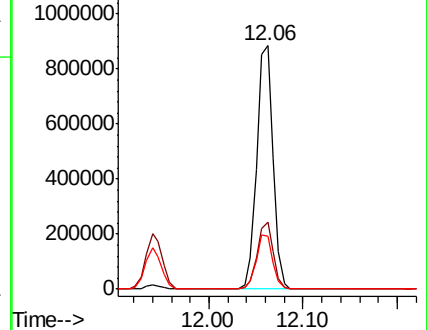
91 22.4 11.1 33.3

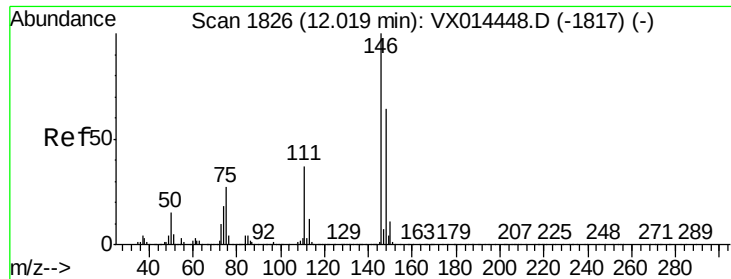


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

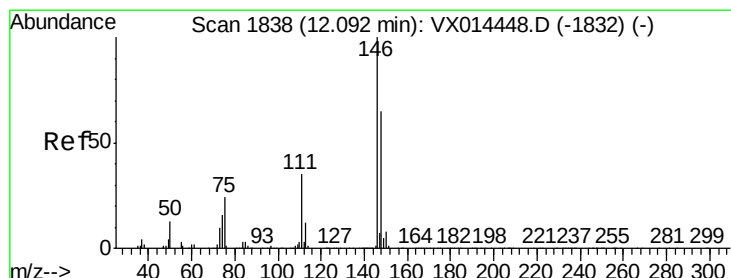
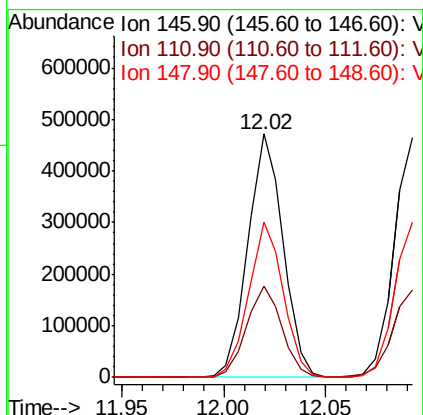
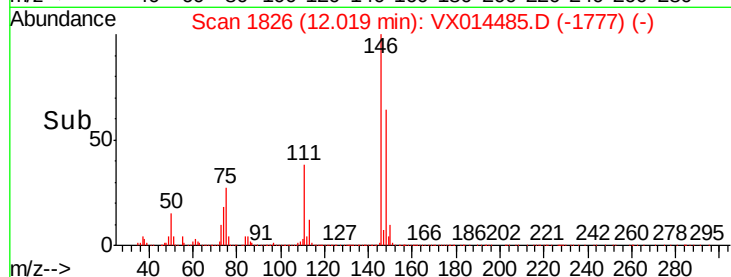
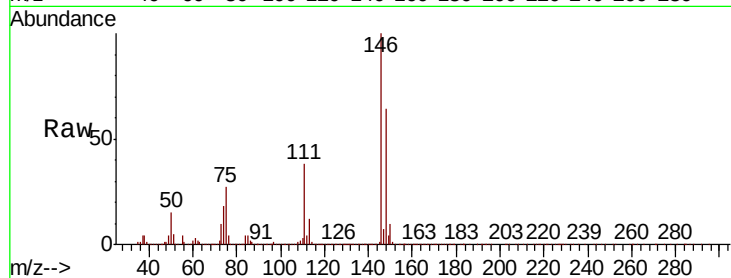




#87
 1,3-Dichlorobenzene
 Concen: 47.296 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014485.D
 Acq: 08 Jan 2020 20:36

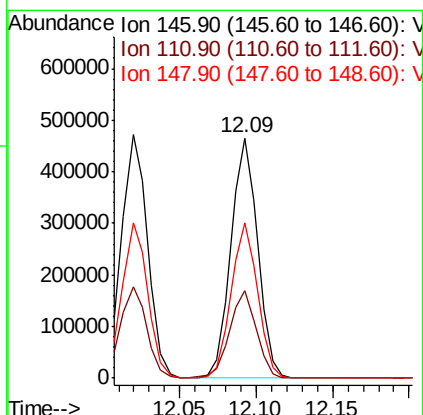
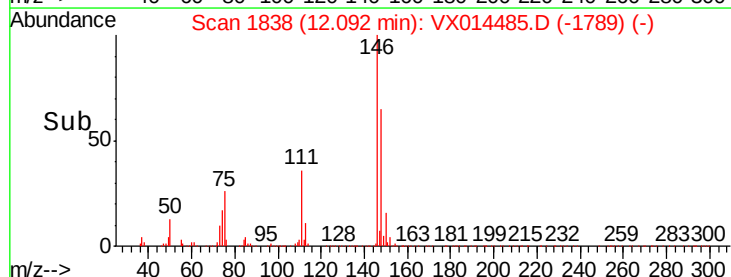
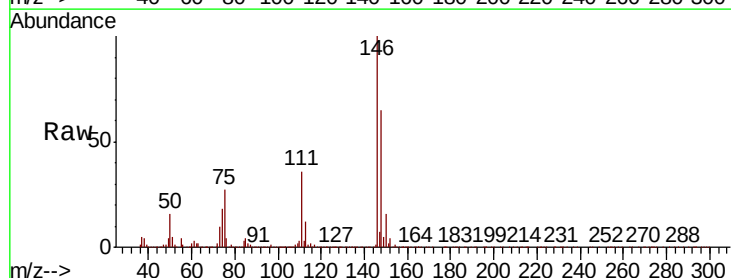
Instrument :
 MSVOA_X
 ClientSampleId :

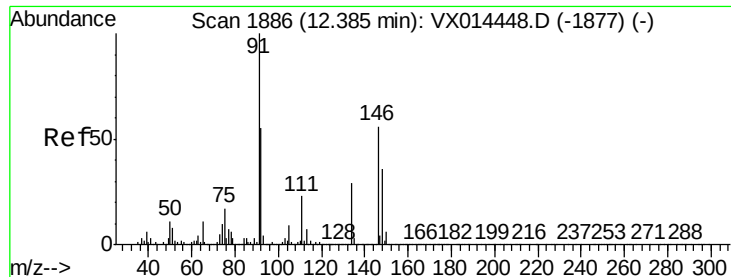
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.7
148	62.8	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 49.908 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014485.D
 Acq: 08 Jan 2020 20:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.1	54.1
148	63.8	32.1	96.3

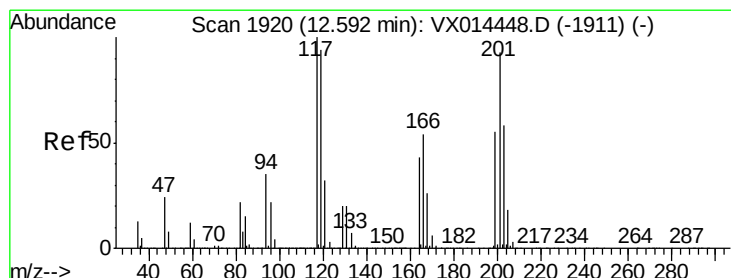
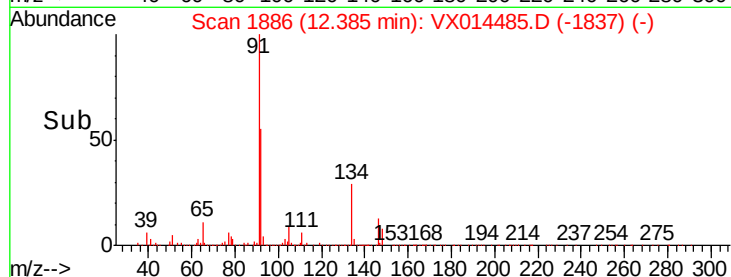
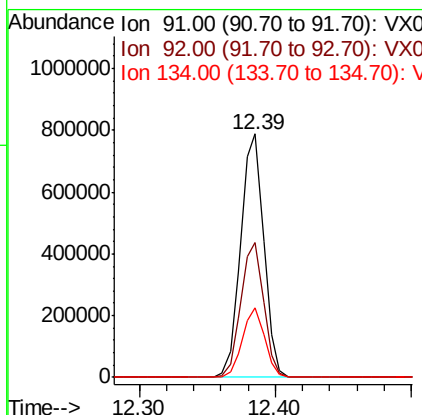
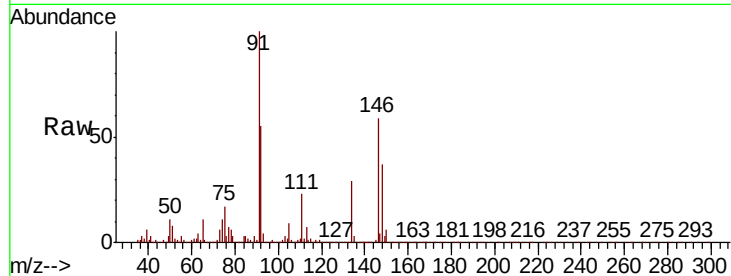




#89
n-Butylbenzene
Concen: 46.776 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

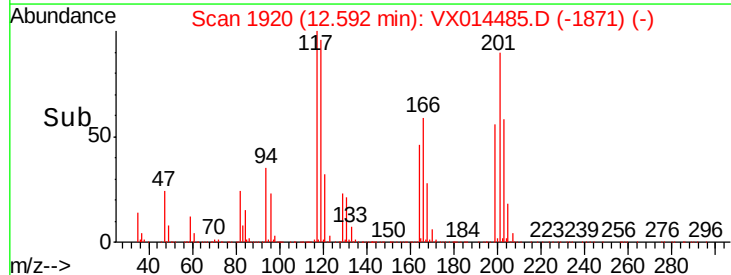
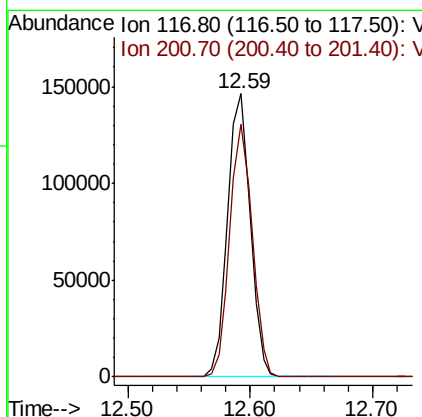
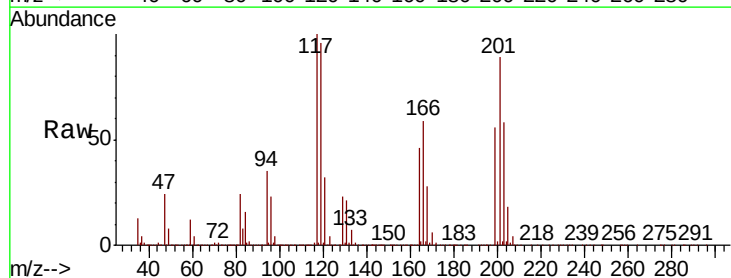
Instrument :
MSVOA_X
ClientSampled :

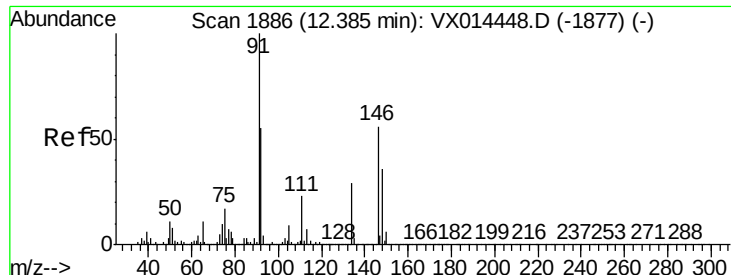
Tot Ion: 91 Resp: 930932
Ion Ratio Lower Upper
91 100
92 55.1 27.4 82.2
134 27.6 13.9 41.7



#90
Hexachloroethane
Concen: 49.011 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Tgt Ion: 117 Resp: 187391
Ion Ratio Lower Upper
117 100
201 88.8 44.8 134.3

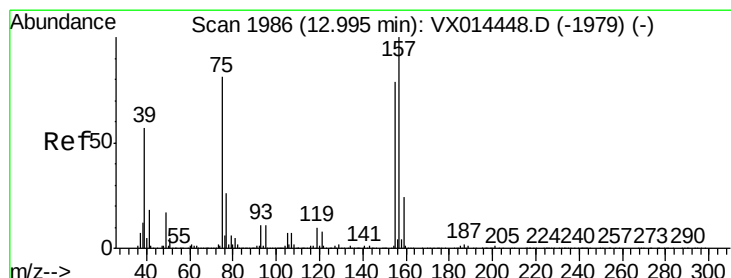
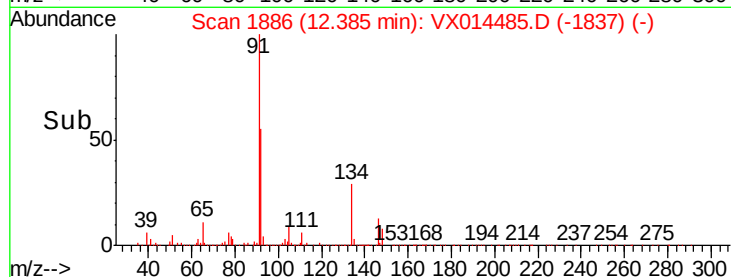
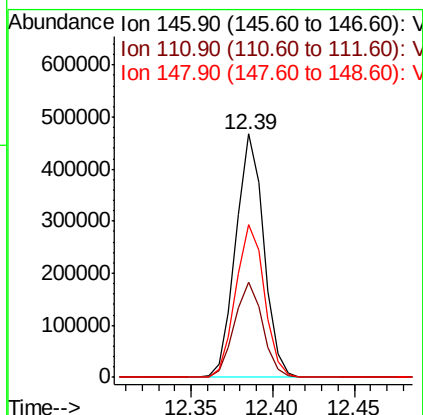
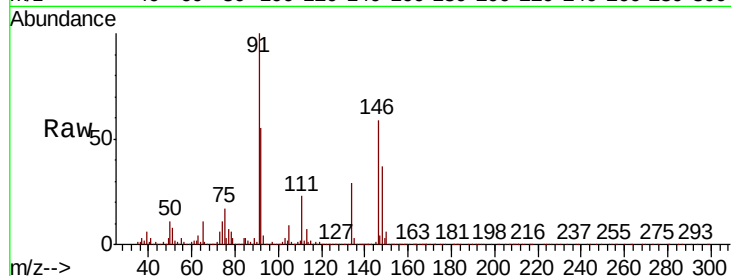




#91
 1,2-Dichlorobenzene
 Concen: 47.828 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014485.D
 Acq: 08 Jan 2020 20:36

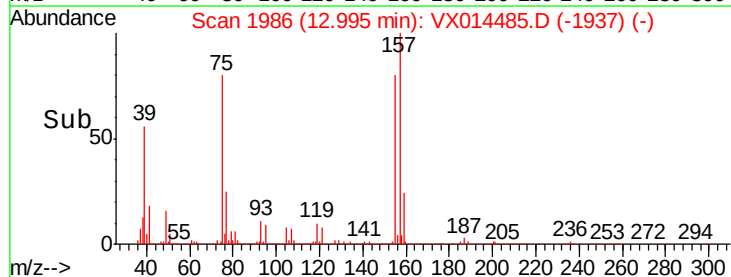
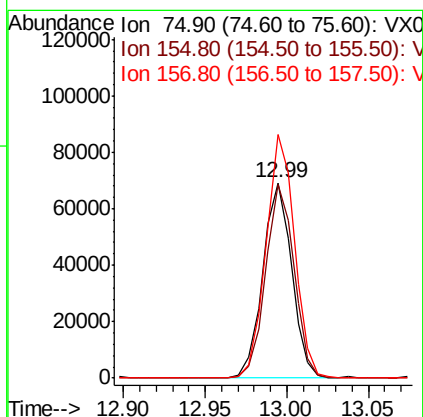
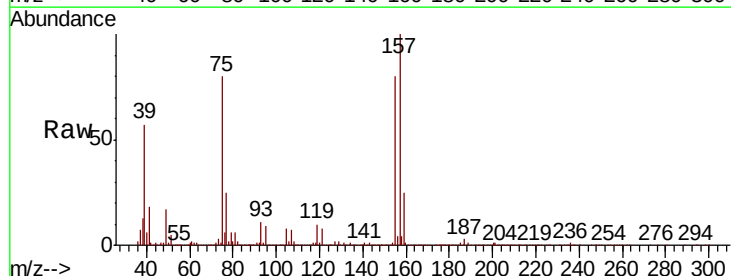
Instrument :
 MSVOA_X
 ClientSampleId :

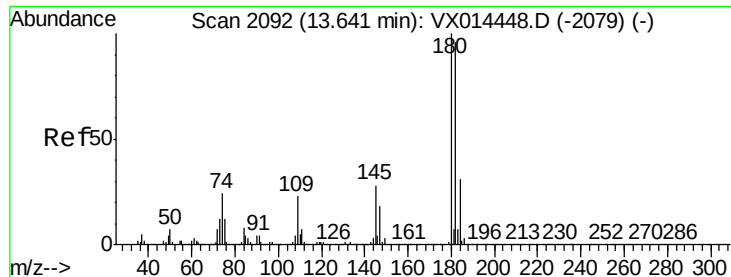
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.8	59.4
148	64.2	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.714 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014485.D
 Acq: 08 Jan 2020 20:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.8	48.7	146.1
157	123.7	62.0	185.9

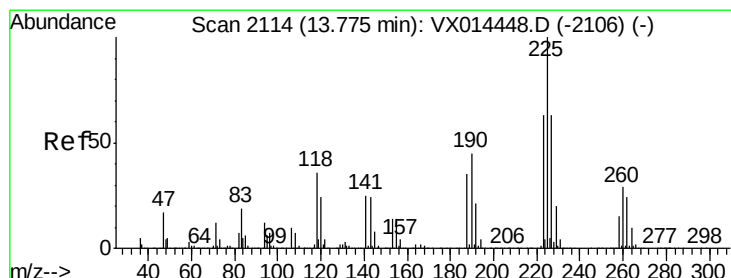
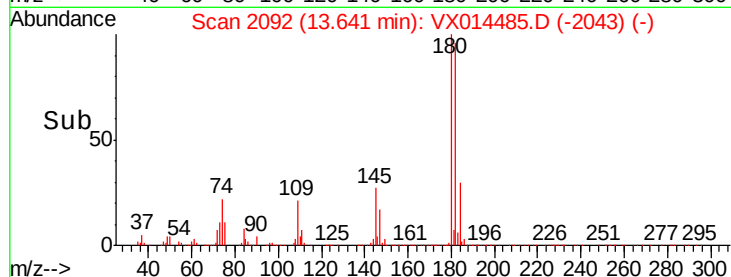
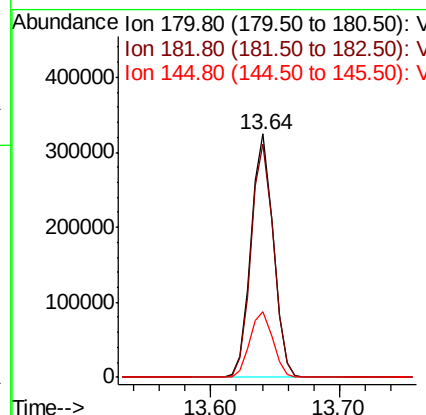
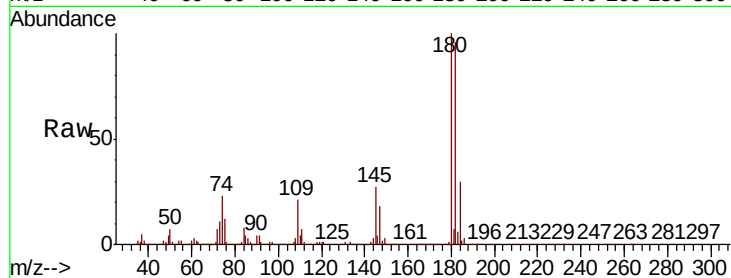




#93
 1,2,4-Trichlorobenzene
 Concen: 46.664 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014485.D
 Acq: 08 Jan 2020 20:36

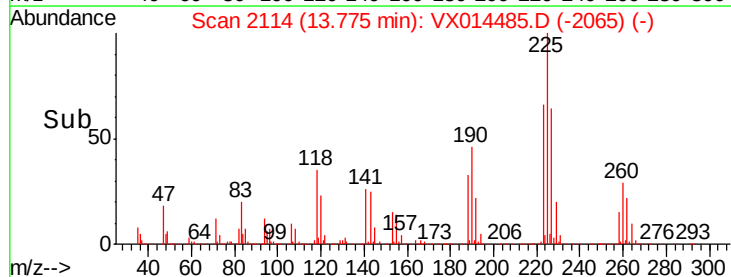
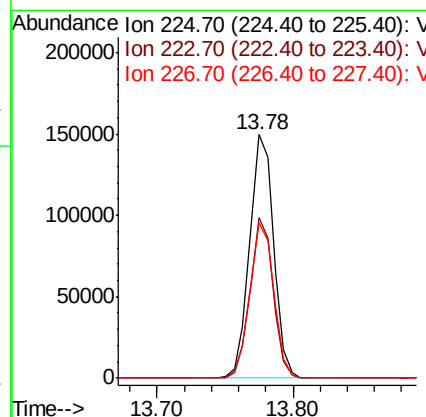
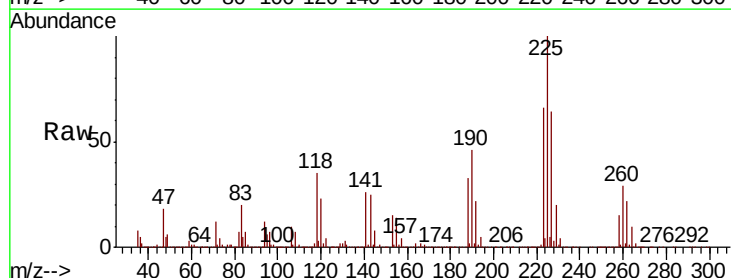
Instrument :
 MSVOA_X
 ClientSampleId :

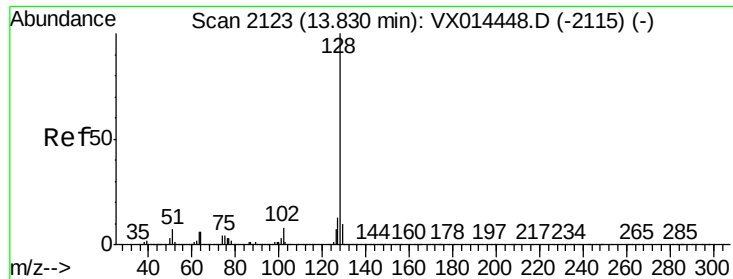
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.5	142.5
145	28.1	13.9	41.6



#94
 Hexachlorobutadiene
 Concen: 47.913 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014485.D
 Acq: 08 Jan 2020 20:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.1	93.2
227	63.5	31.4	94.2

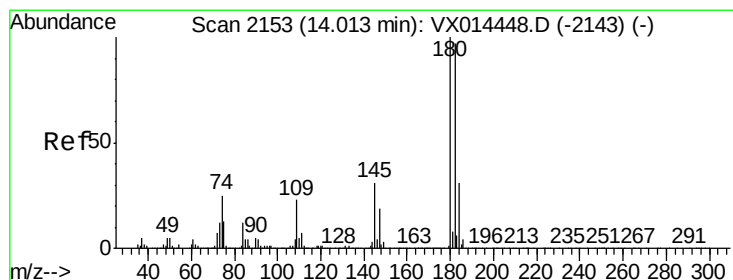
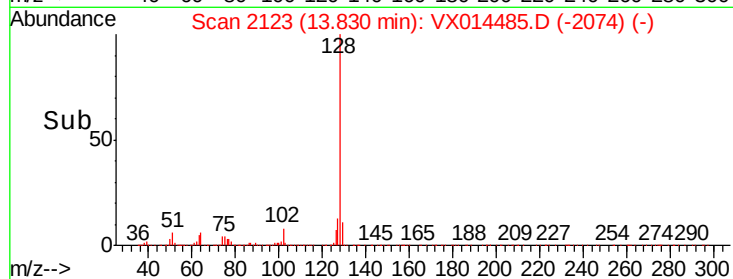
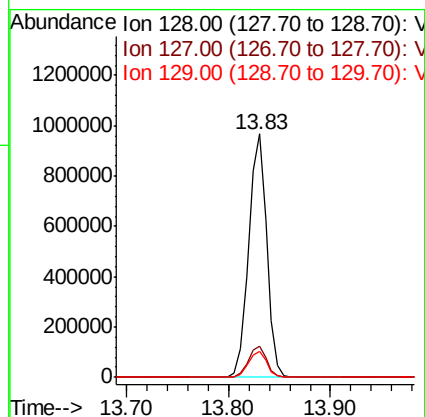
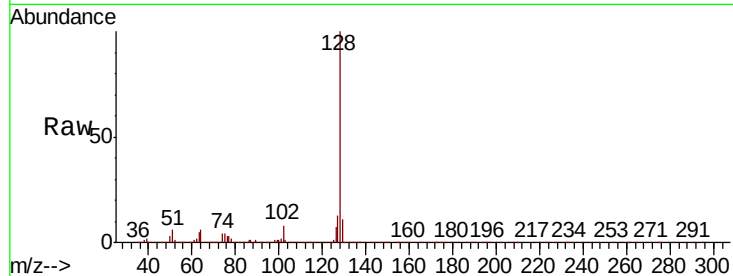




#95
Naphthalene
Concen: 46.221 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1180950
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.572 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Tgt Ion:180 Resp: 384430
Ion Ratio Lower Upper
180 100
182 97.2 47.9 143.6
145 30.2 14.8 44.3

