

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010620\
 Data File : VX014442.D
 Acq On : 06 Jan 2020 20:58
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 07 04:45:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	488498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	744784	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	665698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	341711	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	282762	51.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.14%	
35) Dibromofluoromethane	5.49	113	237902	52.55	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.10%	
50) Toluene-d8	8.71	98	901996	51.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.34%	
62) 4-Bromofluorobenzene	11.13	95	325127	50.46	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	164297	37.594	ug/l	98
3) Chloromethane	1.32	50	228155	38.902	ug/l	99
4) Vinyl Chloride	1.40	62	248408	40.140	ug/l	99
5) Bromomethane	1.63	94	200096	45.556	ug/l	98
6) Chloroethane	1.72	64	168413	44.093	ug/l	91
7) Trichlorofluoromethane	1.92	101	352401	46.000	ug/l	100
8) Diethyl Ether	2.18	74	163696	45.529	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	210520	45.587	ug/l	98
10) Methyl Iodide	2.50	142	310733	50.970	ug/l	98
11) Tert butyl alcohol	3.03	59	306711	256.383	ug/l	99
12) 1,1-Dichloroethene	2.37	96	207486	44.155	ug/l	98
13) Acrolein	2.28	56	163233	238.366	ug/l	99
14) Allyl chloride	2.72	41	382821	45.628	ug/l	99
15) Acrylonitrile	3.13	53	696813	249.553	ug/l	99
16) Acetone	2.43	43	643047	178.905	ug/l	100
17) Carbon Disulfide	2.56	76	464017	35.786	ug/l	100
18) Methyl Acetate	2.76	43	377002	52.932	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	785504	50.871	ug/l	98
20) Methylene Chloride	2.85	84	246694	43.585	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	221881	42.860	ug/l	99
22) Diisopropyl ether	3.84	45	808716	48.371	ug/l	96
23) Vinyl Acetate	3.80	43	2677144	196.217	ug/l	100
24) 1,1-Dichloroethane	3.69	63	431787	46.419	ug/l	99
25) 2-Butanone	4.65	43	989680	223.333	ug/l	99
26) 2,2-Dichloropropane	4.58	77	337388	46.716	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	277411	47.382	ug/l	99
28) Bromochloromethane	5.00	49	180885	50.559	ug/l	97
29) Tetrahydrofuran	5.11	42	623239	251.448	ug/l	99
30) Chloroform	5.20	83	435094	49.342	ug/l	97
31) Cyclohexane	5.58	56	361651	43.714	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	363916	48.423	ug/l	98
36) 1,1-Dichloropropene	5.79	75	300339	43.949	ug/l	99
37) Ethyl Acetate	4.82	43	379746	50.321	ug/l	99
38) Carbon Tetrachloride	5.78	117	302381	48.571	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	365530	43.319	ug/l	99
40) Benzene	6.14	78	967002	45.989	ug/l	99
41) Methacrylonitrile	5.03	41	212218	50.683	ug/l	99
42) 1,2-Dichloroethane	6.18	62	342393	48.038	ug/l	99
43) Isopropyl Acetate	6.43	43	634915	50.838	ug/l	100
44) Trichloroethene	7.21	130	284894	49.054	ug/l	98
45) 1,2-Dichloropropane	7.51	63	257242	47.731	ug/l	98
46) Dibromomethane	7.65	93	165444	46.432	ug/l	97
47) Bromodichloromethane	7.89	83	334002	49.771	ug/l	99
48) Methyl methacrylate	7.76	41	305573	49.967	ug/l	99
49) 1,4-Dioxane	7.73	88	114864	922.954	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1953312	249.041	ug/l	100
52) Toluene	8.78	92	613268	46.144	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	378995	51.505	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	413796	50.477	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	264716	49.696	ug/l	97
56) Ethyl methacrylate	9.17	69	425783	50.887	ug/l	99
57) 1,3-Dichloropropane	9.37	76	435211	48.561	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	835186	263.758	ug/l	97
59) 2-Hexanone	9.48	43	1503805	238.174	ug/l	100
60) Dibromochloromethane	9.57	129	279678	52.822	ug/l	100
61) 1,2-Dibromoethane	9.67	107	271073	49.738	ug/l	100
64) Tetrachloroethene	9.33	164	389764	66.167	ug/l	96
65) Chlorobenzene	10.14	112	675994	47.759	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	255470	50.549	ug/l	98
67) Ethyl Benzene	10.25	91	1185767	48.727	ug/l	100
68) m/p-Xylenes	10.35	106	895235	95.650	ug/l	100
69) o-Xylene	10.70	106	442823	48.241	ug/l	99
70) Styrene	10.71	104	755999	48.705	ug/l	99
71) Bromoform	10.85	173	218173	53.704	ug/l	100
73) Isopropylbenzene	11.01	105	1173497	48.776	ug/l	99
74) N-amyl acetate	10.89	43	554674	49.184	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	369809	44.336	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	472328	63.669	ug/l	90
77) Bromobenzene	11.25	156	313200	47.315	ug/l	97
78) n-propylbenzene	11.35	91	1312327	48.629	ug/l	99
79) 2-Chlorotoluene	11.42	91	784582	47.828	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	982036	48.500	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	138248	52.599	ug/l	98
82) 4-Chlorotoluene	11.51	91	894897	47.029	ug/l	99
83) tert-Butylbenzene	11.76	119	859326	43.610	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	987062	48.678	ug/l	100
85) sec-Butylbenzene	11.94	105	1140230	49.017	ug/l	100
86) p-Isopropyltoluene	12.06	119	1043950	49.061	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	541988	46.717	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	542622	45.999	ug/l	100
89) n-Butylbenzene	12.38	91	900053	49.572	ug/l	99
90) Hexachloroethane	12.59	117	187944	49.174	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	555499	47.565	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	88119	47.740	ug/l	95

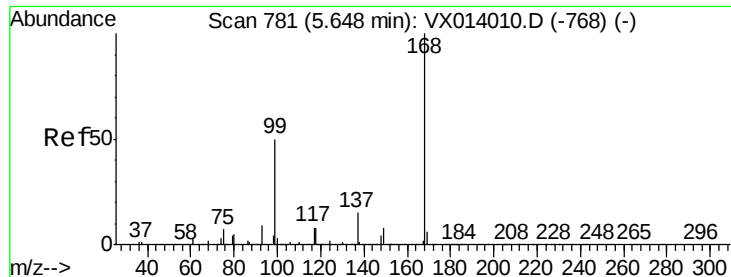
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	382139	50.343	ug/l	98
94) Hexachlorobutadiene	13.78	225	178983	49.063	ug/l	98
95) Naphthalene	13.83	128	1210502	54.278	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	389458	51.976	ug/l	99

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

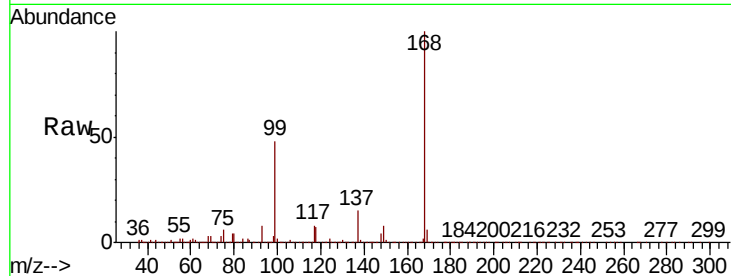


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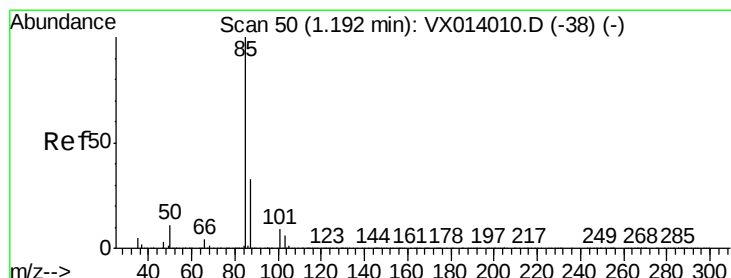
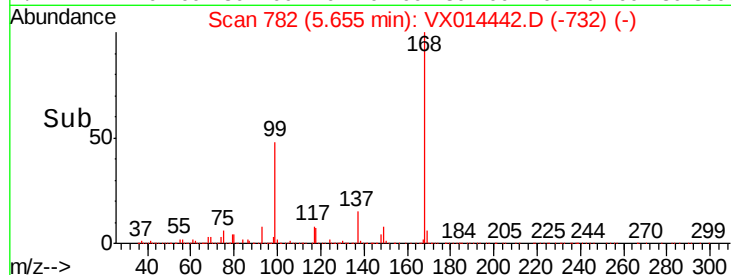
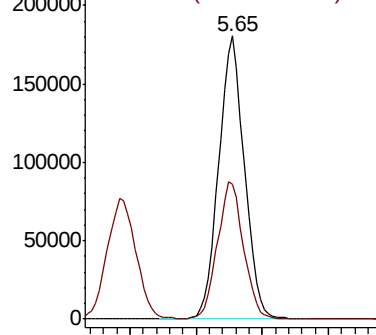
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX014442.D
 Acq: 06 Jan 2020 20:58

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:168 Resp: 488498
 Ion Ratio Lower Upper
 168 100
 99 47.4 40.3 60.5



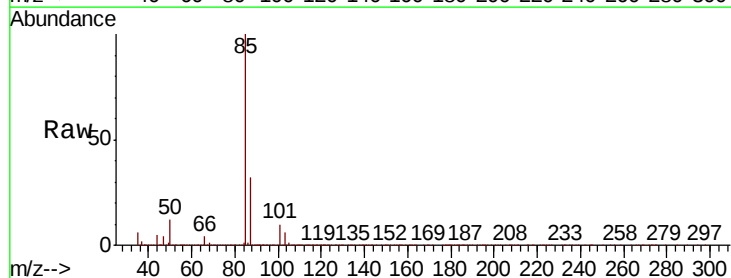
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



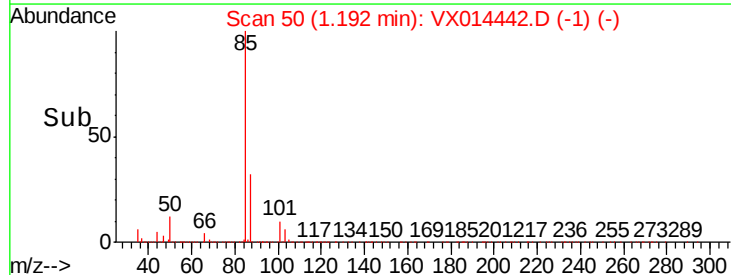
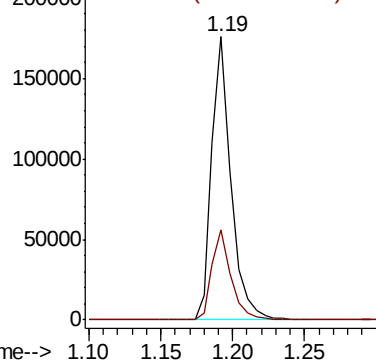
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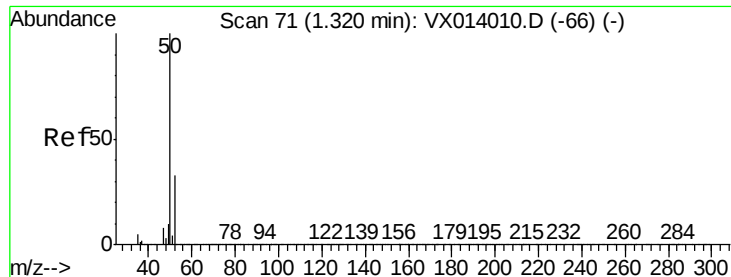
Dichlorodifluoromethane
 Concen: 37.594 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014442.D
 Acq: 06 Jan 2020 20:58

Tgt Ion: 85 Resp: 164297
 Ion Ratio Lower Upper
 85 100
 87 31.6 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0
 Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 38.902 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

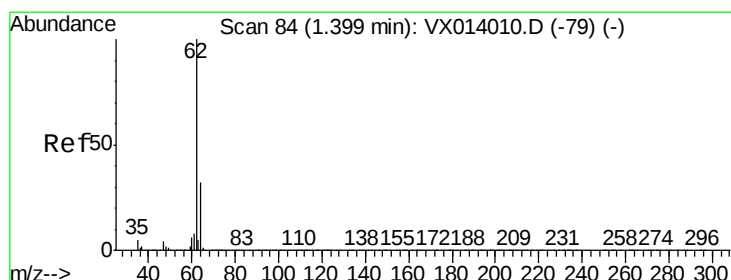
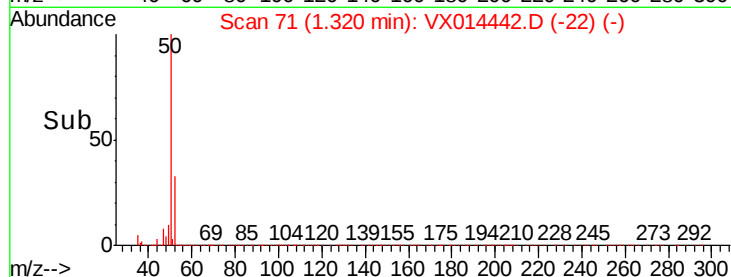
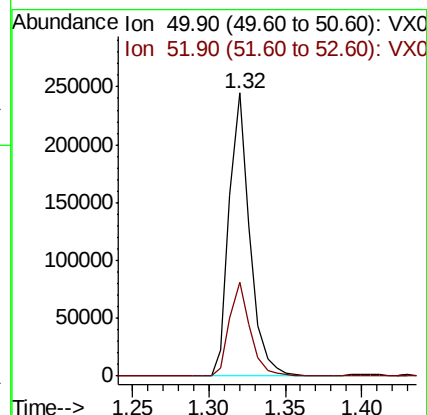
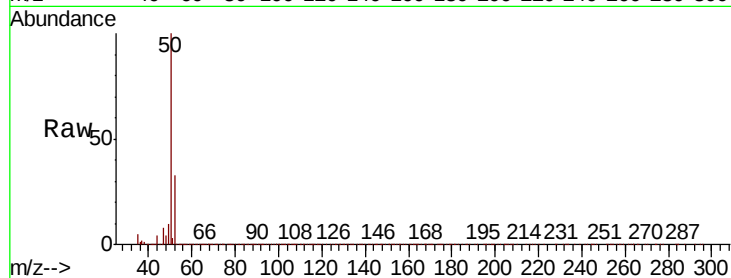
ClientSampled :

Tot Ion: 50 Resp: 228155

Ion Ratio Lower Upper

50 100

52 33.1 26.2 39.4



#4

Vinyl Chloride

Concen: 40.140 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014442.D

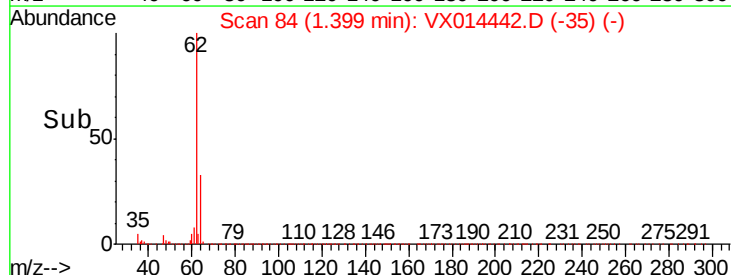
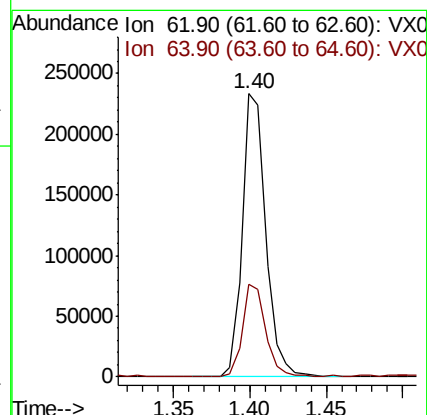
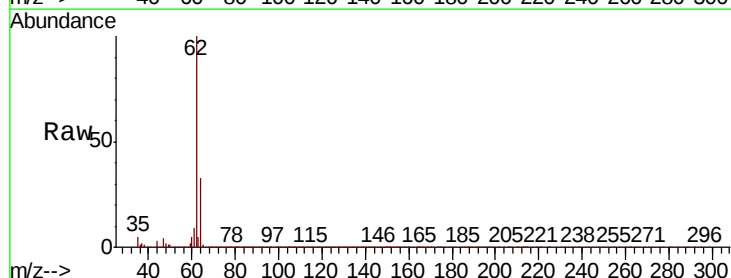
Acq: 06 Jan 2020 20:58

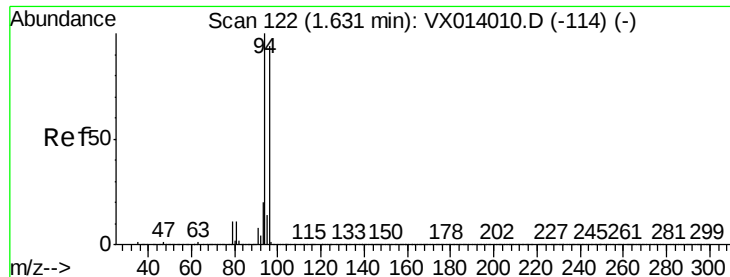
Tgt Ion: 62 Resp: 248408

Ion Ratio Lower Upper

62 100

64 32.5 25.7 38.5





#5

Bromomethane

Concen: 45.556 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

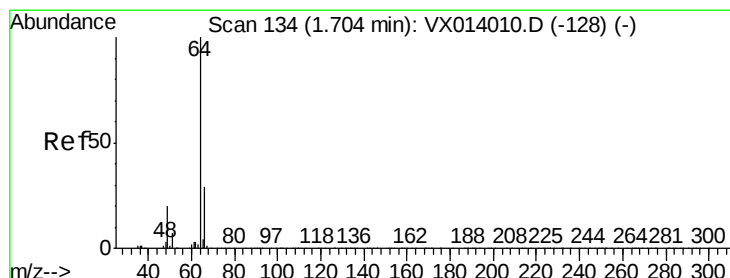
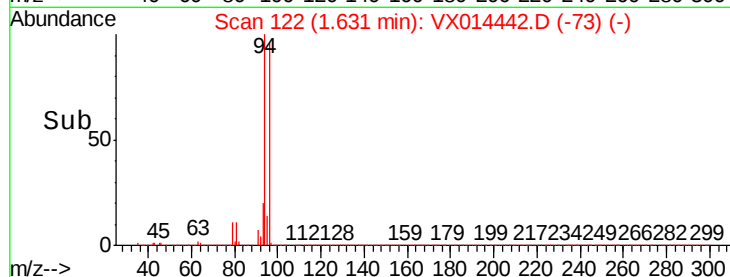
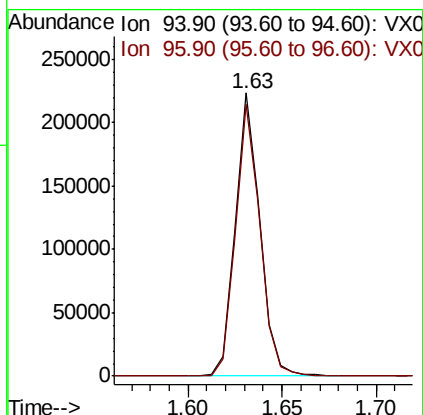
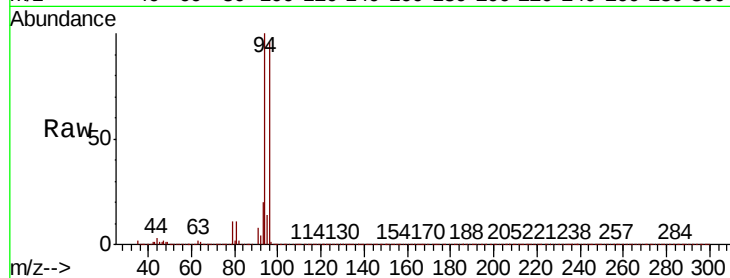
ClientSampleId :

Tot Ion: 94 Resp: 200096

Ion Ratio Lower Upper

94 100

96 96.2 75.2 112.8



#6

Chloroethane

Concen: 44.093 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014442.D

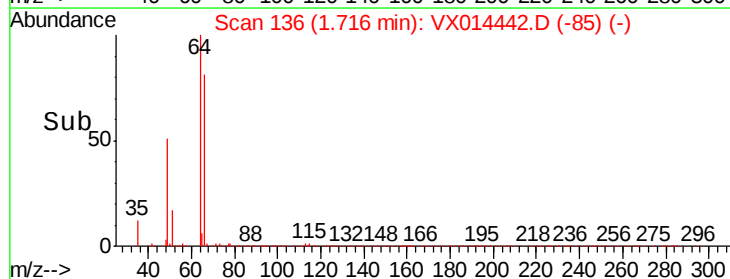
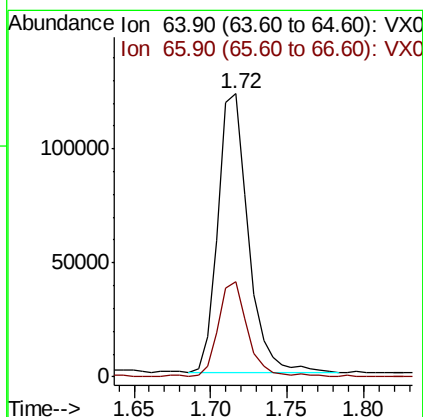
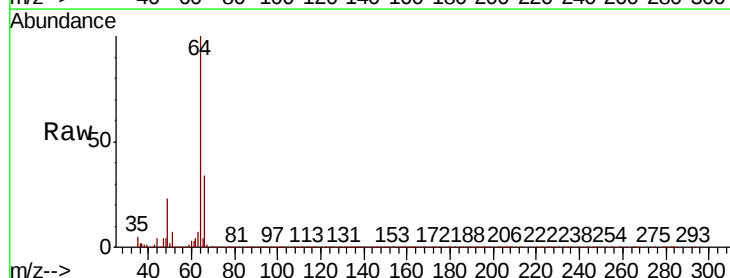
Acq: 06 Jan 2020 20:58

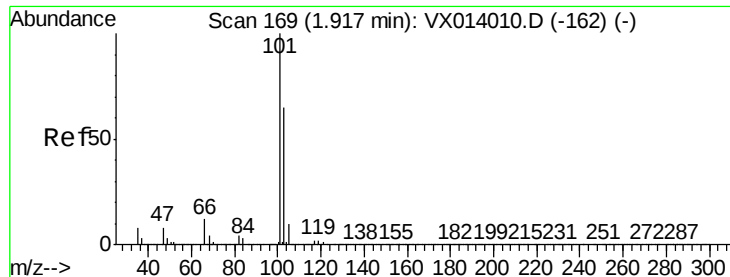
Tgt Ion: 64 Resp: 168413

Ion Ratio Lower Upper

64 100

66 34.0 23.4 35.2



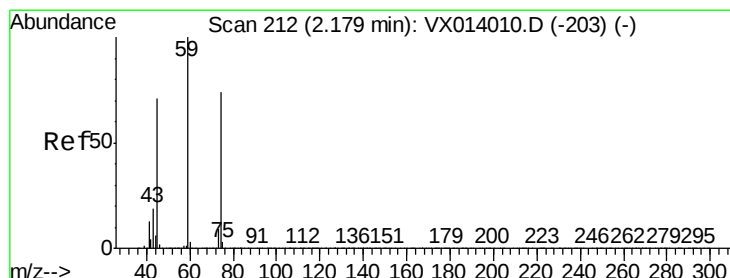
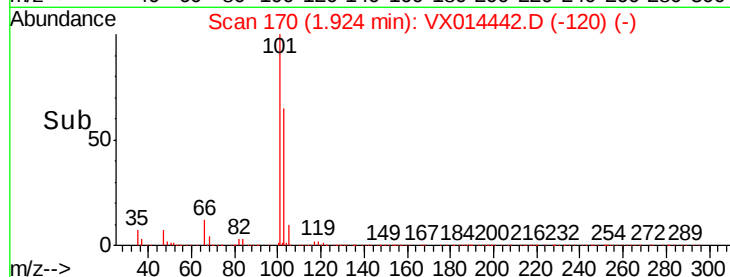
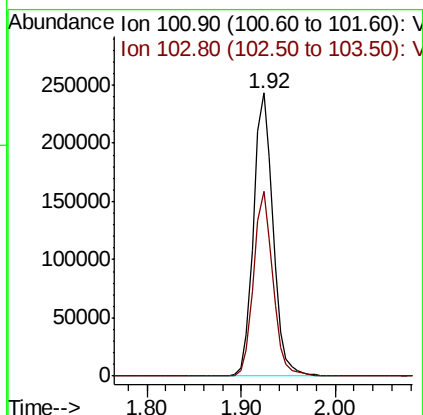
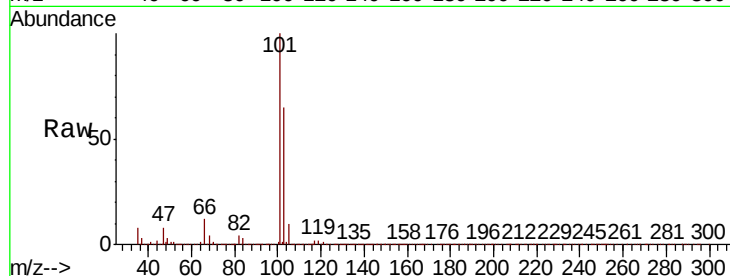


#7

Trichlorofluoromethane
Concen: 46.000 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Instrument :
MSVOA_X
ClientSampled :

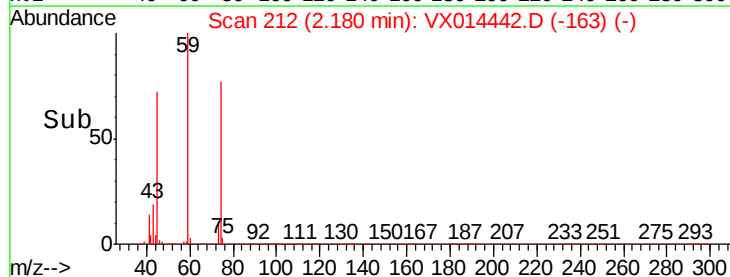
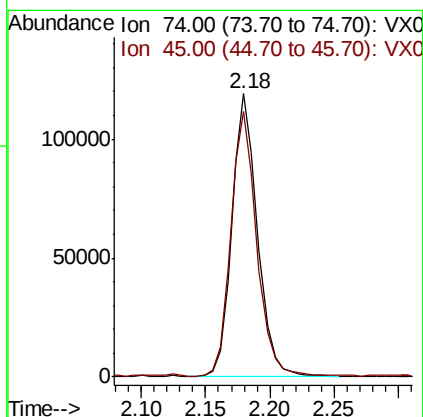
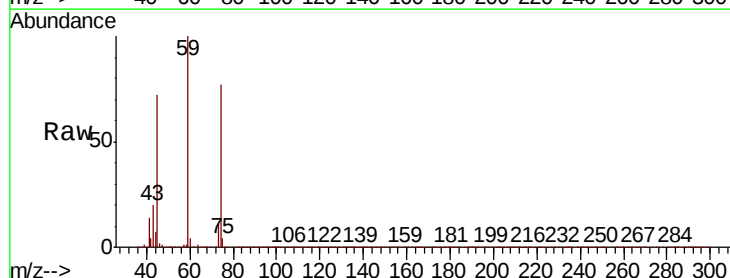
Tot Ion:101 Resp: 352401
Ion Ratio Lower Upper
101 100
103 65.2 52.2 78.4

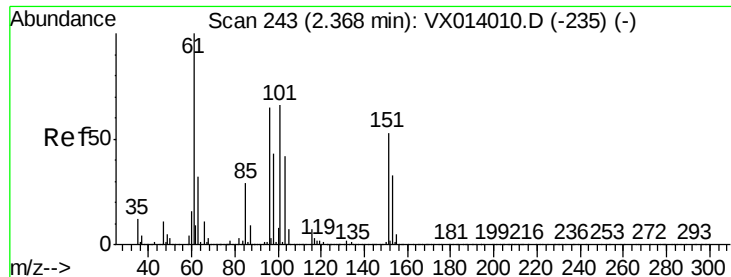


#8

Diethyl Ether
Concen: 45.529 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Tgt Ion: 74 Resp: 163696
Ion Ratio Lower Upper
74 100
45 94.4 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.587 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

ClientSampled :

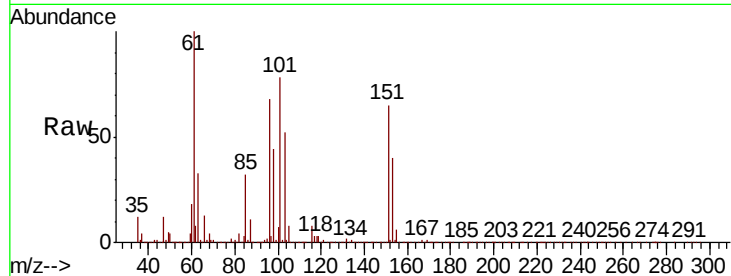
Tot Ion:101 Resp: 210520

Ion Ratio Lower Upper

101 100

85 40.9 33.7 50.5

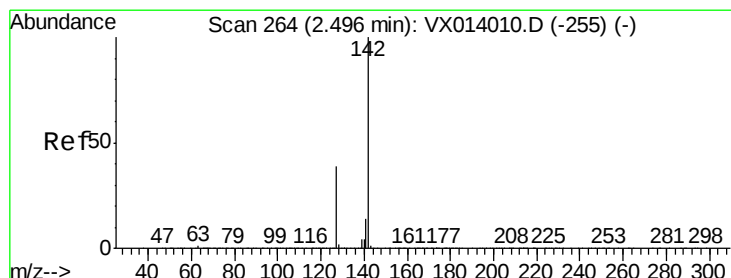
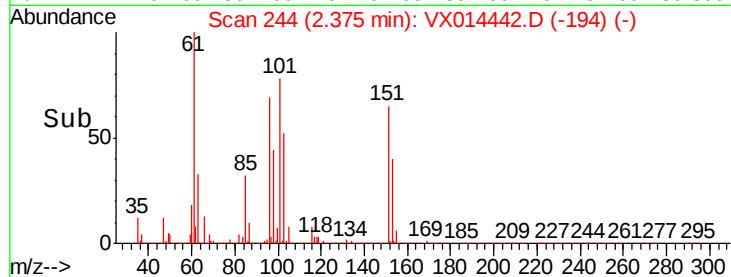
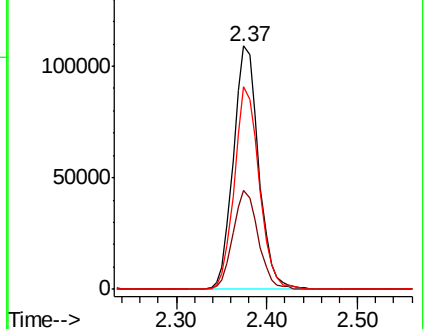
151 82.5 64.5 96.7



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: 50.970 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

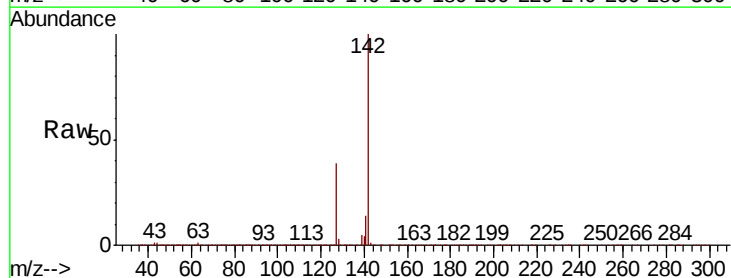
Tgt Ion:142 Resp: 310733

Ion Ratio Lower Upper

142 100

127 38.4 31.6 47.4

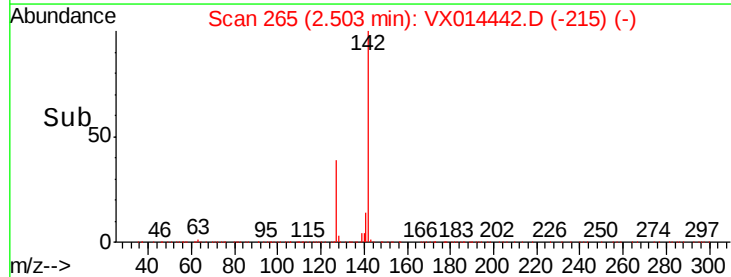
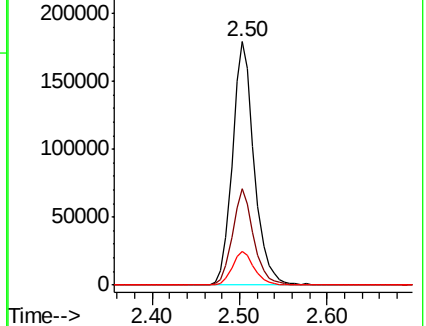
141 14.1 11.6 17.4

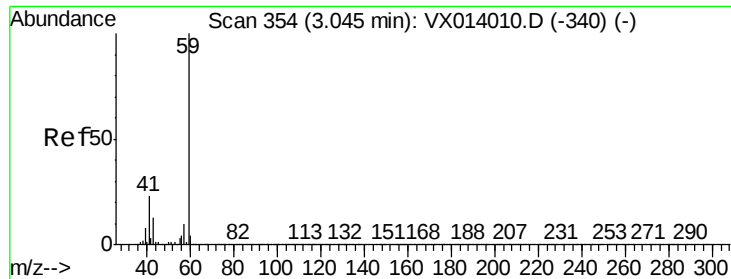


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

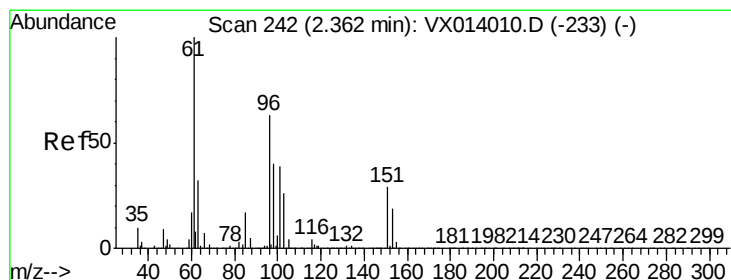
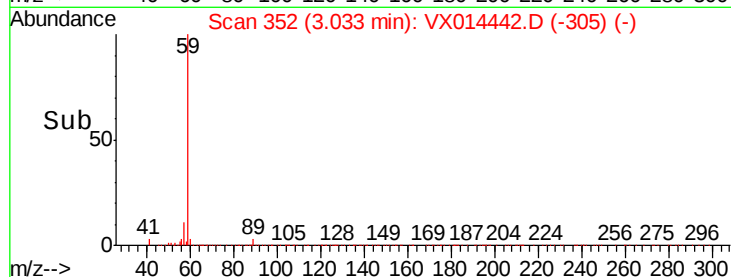
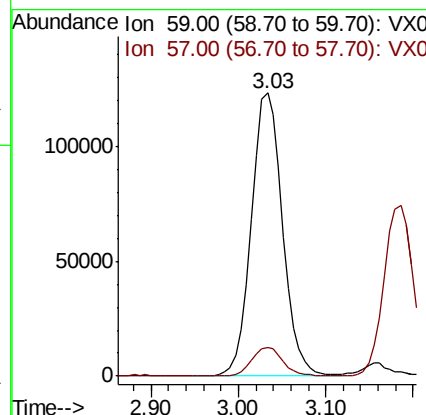
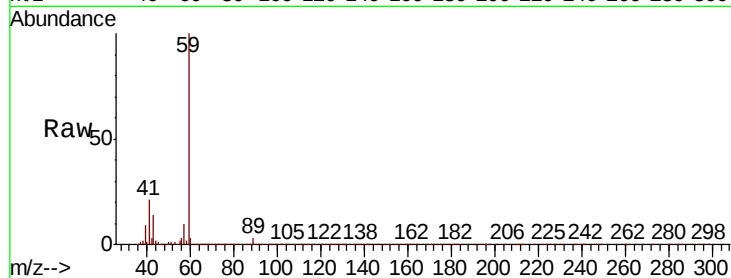




#11
Tert butyl alcohol
Concen: 256.383 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

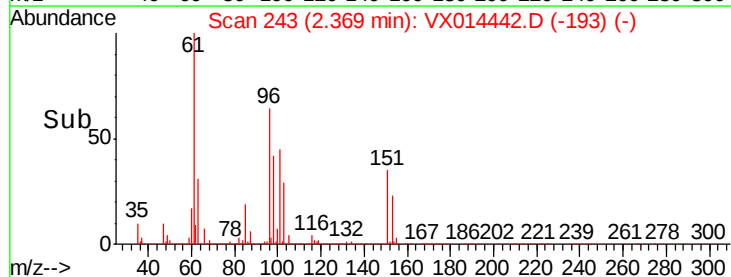
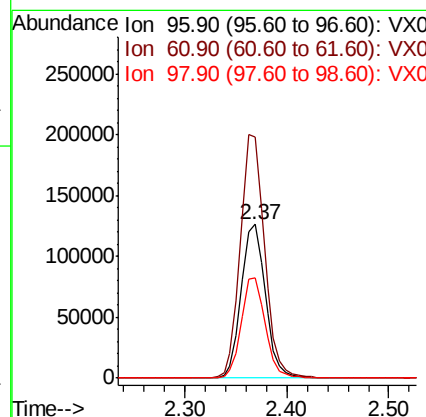
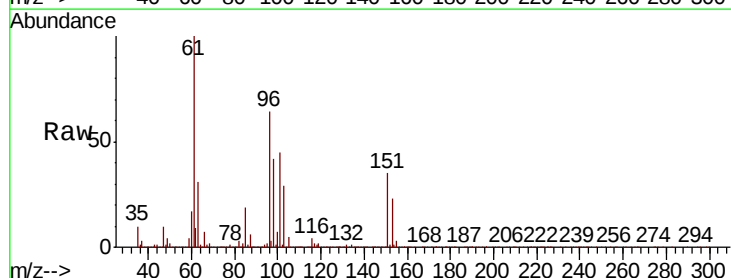
Instrument :
MSVOA_X
ClientSampled :

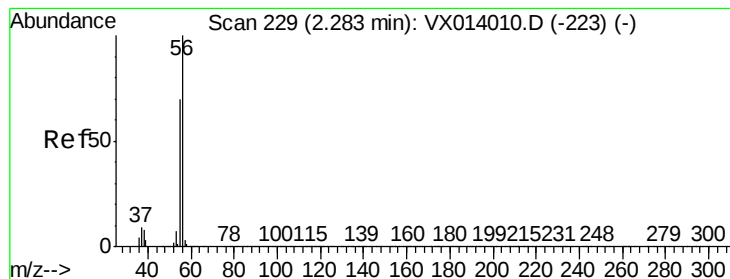
Tot Ion: 59 Resp: 306711
Ion Ratio Lower Upper
59 100
57 10.3 8.4 12.6



#12
1,1-Dichloroethene
Concen: 44.155 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Tgt Ion: 96 Resp: 207486
Ion Ratio Lower Upper
96 100
61 157.2 127.9 191.9
98 65.6 50.5 75.7





#13

Acrolein

Concen: 238.366 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

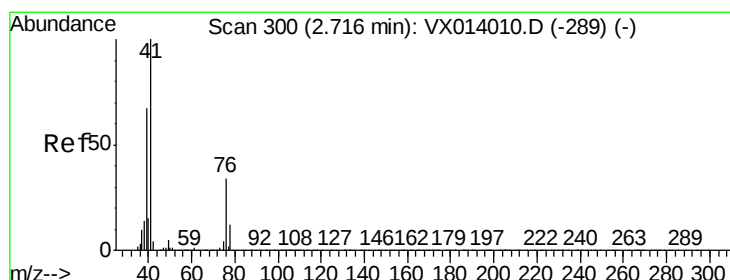
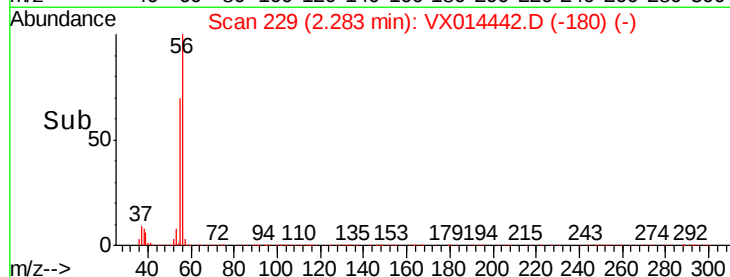
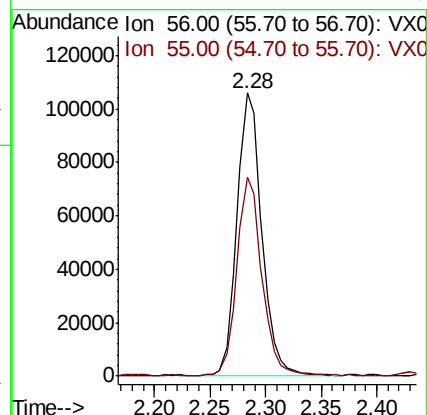
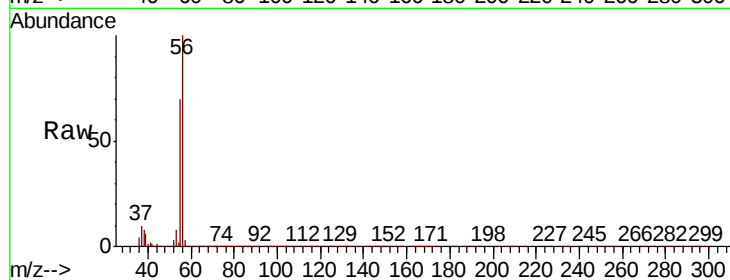
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 163233

Ion Ratio Lower Upper

56 100

55 69.9 56.9 85.3



#14

Allyl chloride

Concen: 45.628 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

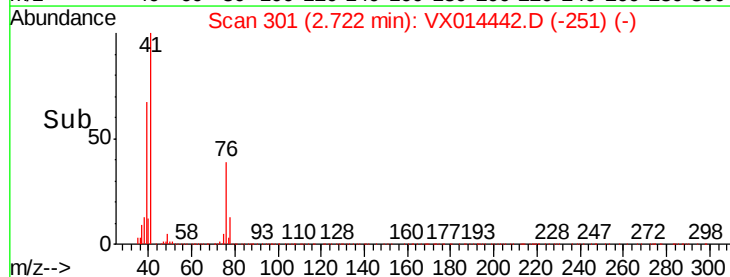
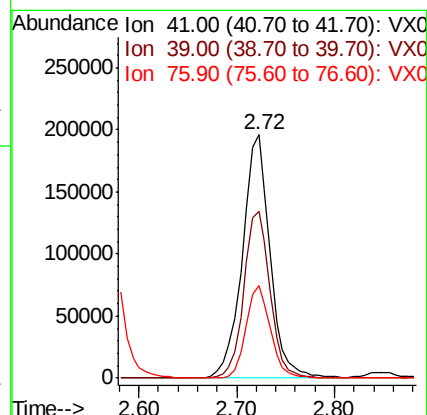
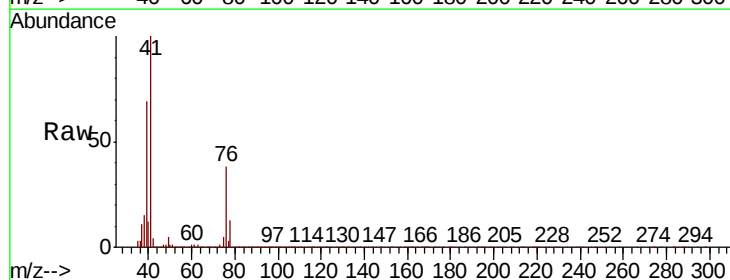
Tgt Ion: 41 Resp: 382821

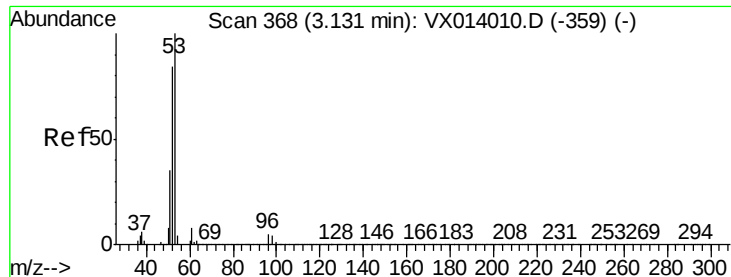
Ion Ratio Lower Upper

41 100

39 65.0 51.8 77.8

76 33.5 25.9 38.9





#15

Acrylonitrile

Concen: 249.553 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

ClientSampleId :

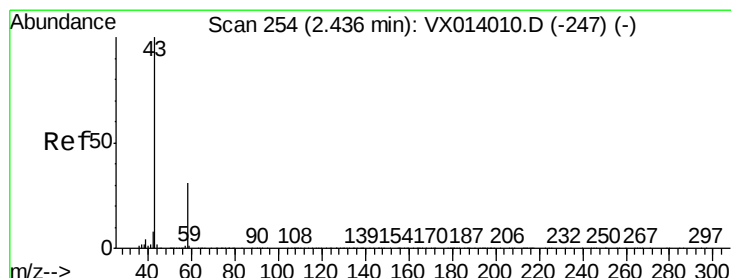
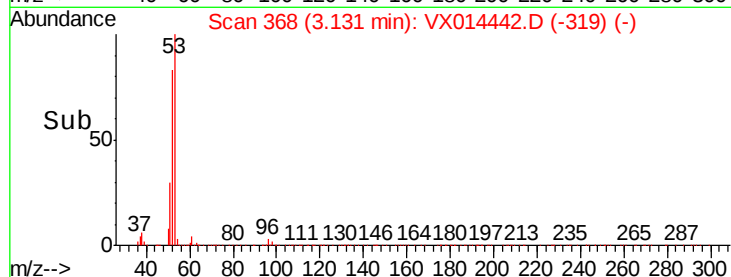
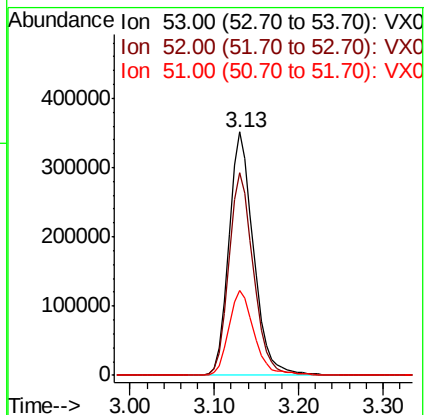
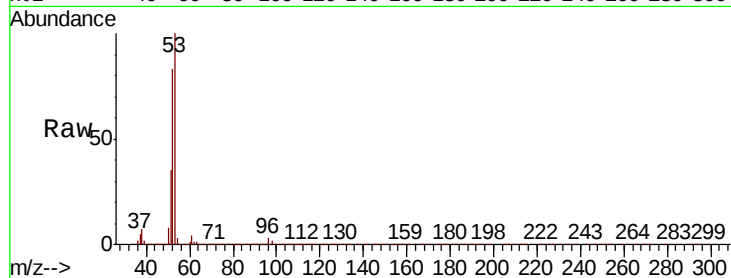
Tot Ion: 53 Resp: 696813

Ion Ratio Lower Upper

53 100

52 83.4 66.5 99.7

51 36.0 28.1 42.1



#16

Acetone

Concen: 178.905 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014442.D

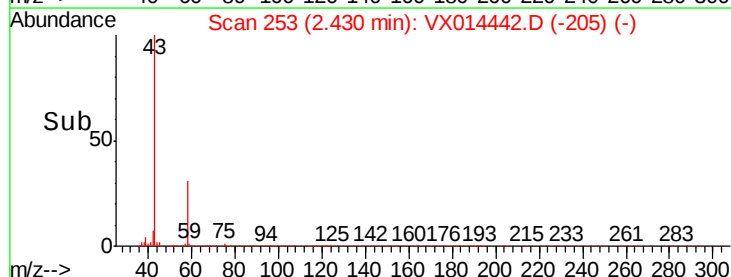
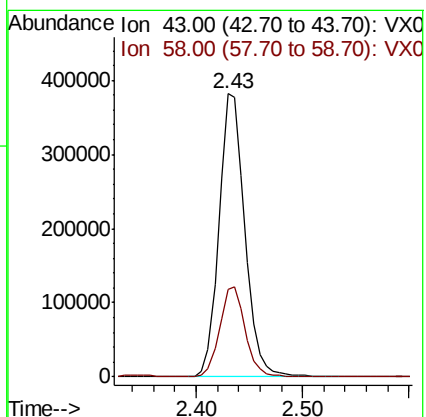
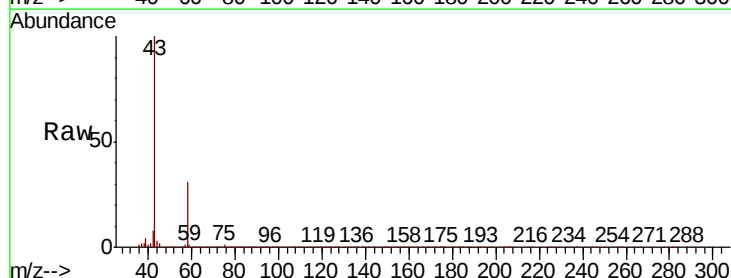
Acq: 06 Jan 2020 20:58

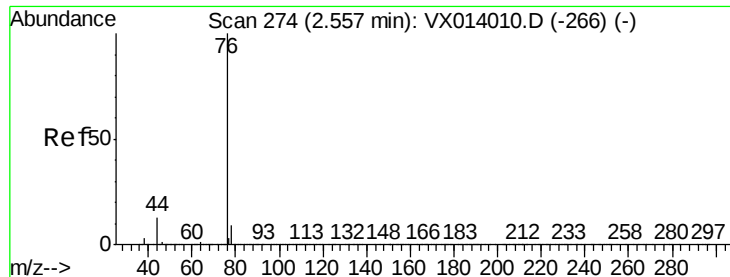
Tgt Ion: 43 Resp: 643047

Ion Ratio Lower Upper

43 100

58 31.1 24.9 37.3





#17

Carbon Disulfide

Concen: 35.786 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

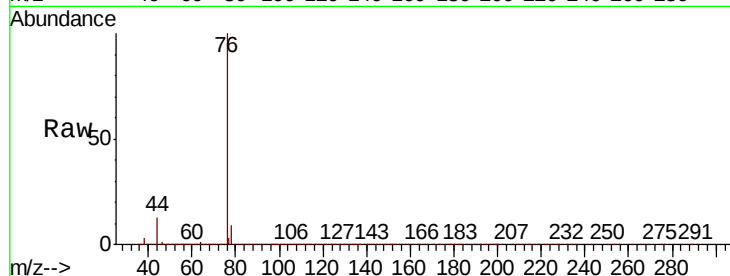
ClientSampleId :

Tot Ion: 76 Resp: 464017

Ion Ratio Lower Upper

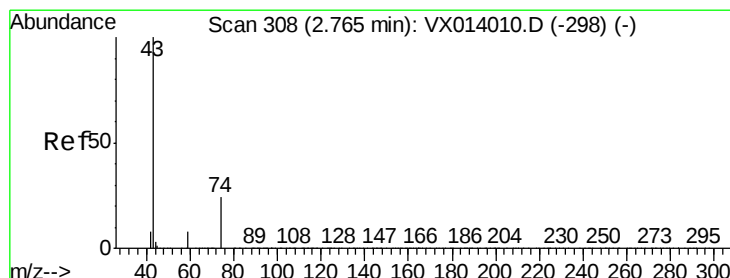
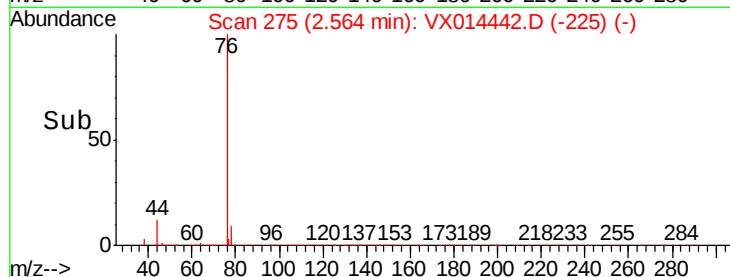
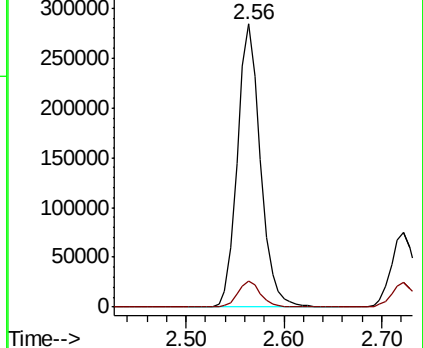
76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 52.932 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014442.D

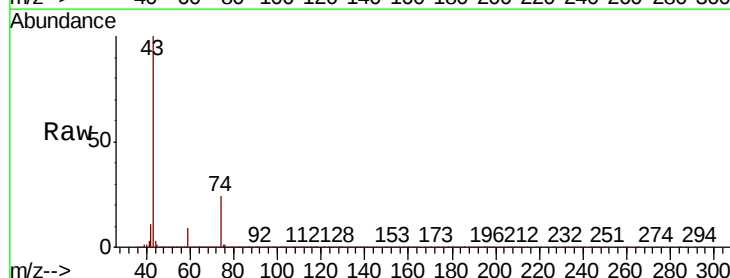
Acq: 06 Jan 2020 20:58

Tgt Ion: 43 Resp: 377002

Ion Ratio Lower Upper

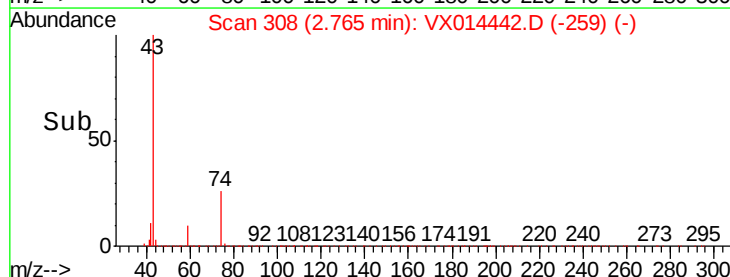
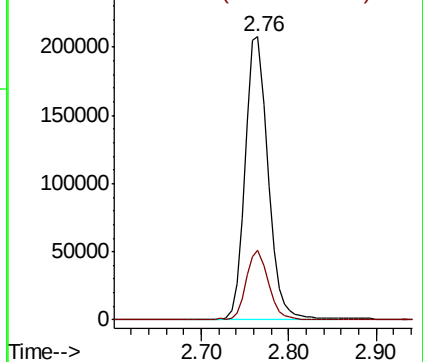
43 100

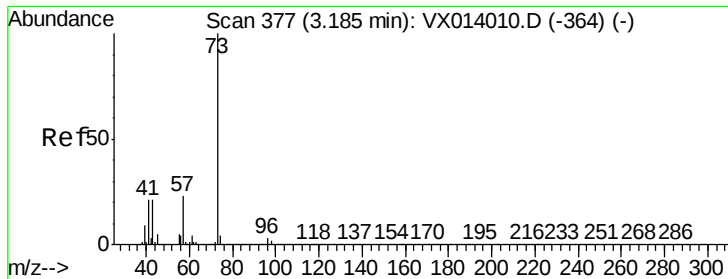
74 23.8 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

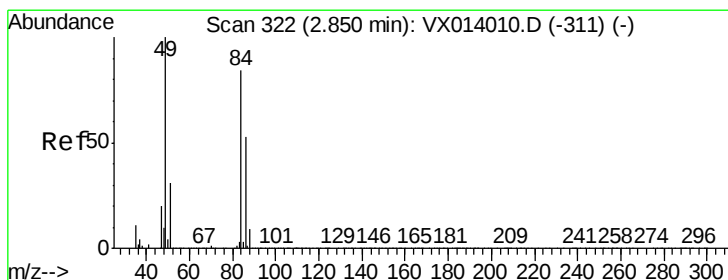
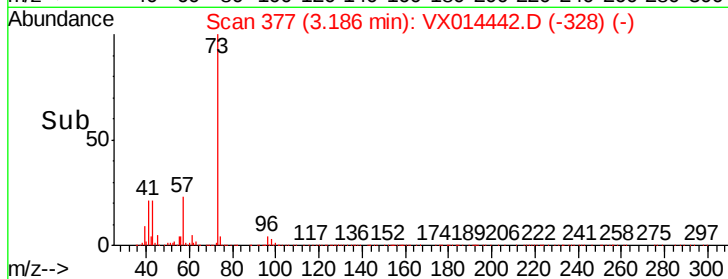
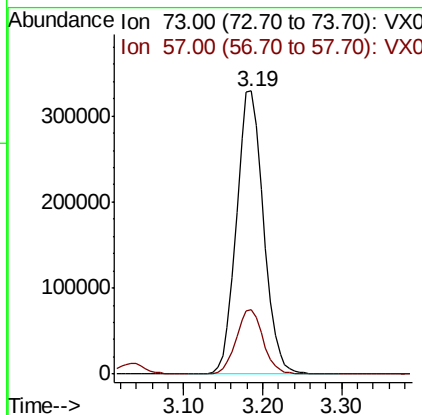
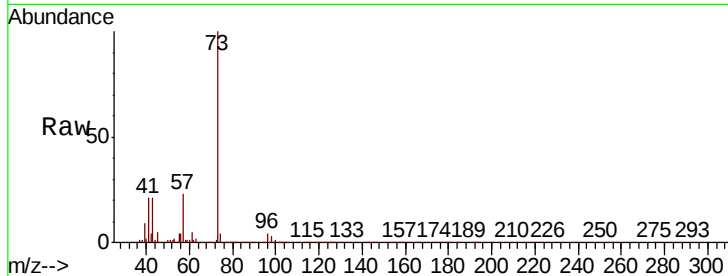




#19
Methvl tert-butvl Ether
Concen: 50.871 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

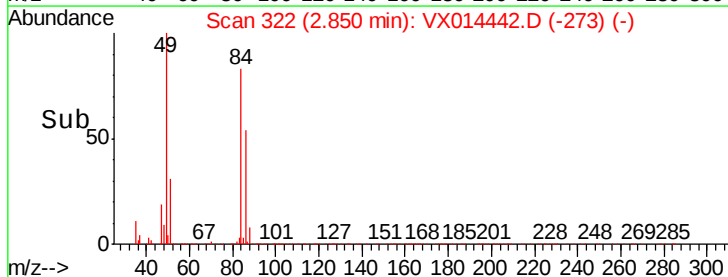
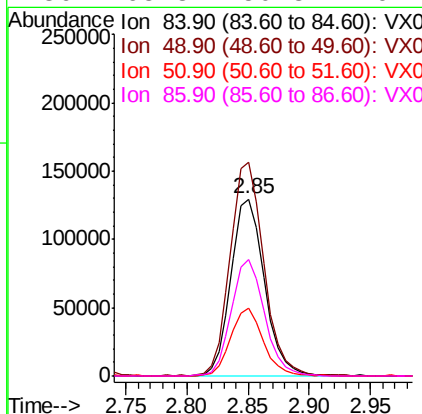
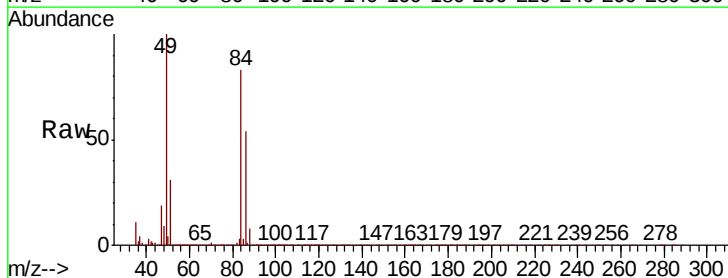
Instrument :
MSVOA_X
ClientSampleId :

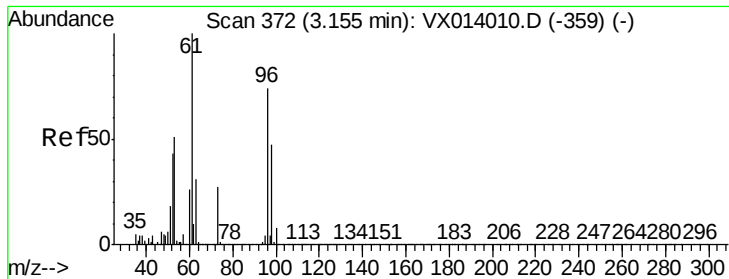
Tot Ion: 73 Resp: 785504
Ion Ratio Lower Upper
73 100
57 22.6 18.8 28.2



#20
Methylene Chloride
Concen: 43.585 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Tgt Ion: 84 Resp: 246694
Ion Ratio Lower Upper
84 100
49 120.8 95.8 143.6
51 37.9 29.8 44.8
86 65.8 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 42.860 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 96 Resp: 221881

Ion Ratio Lower Upper

96 100

61 135.8 108.3 162.5

98 64.6 50.8 76.2

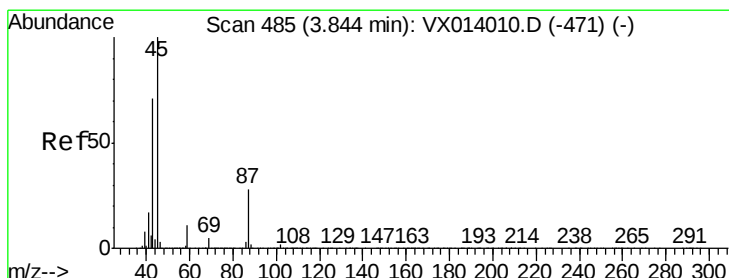
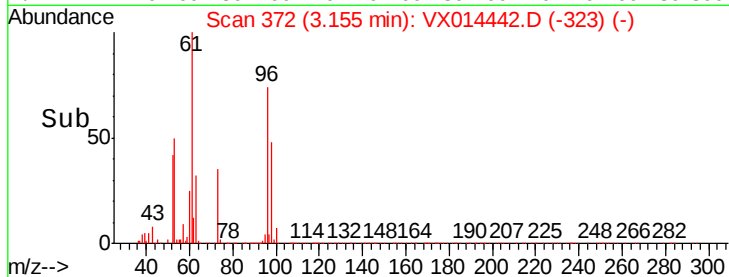
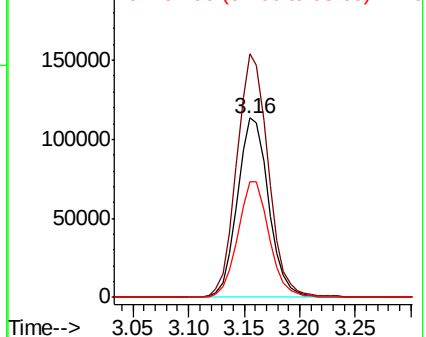


Abundance

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: 48.371 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Tgt Ion: 45 Resp: 808716

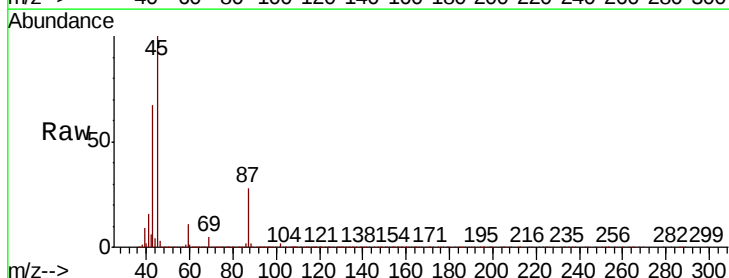
Ion Ratio Lower Upper

45 100

43 66.8 57.4 86.0

87 27.7 21.9 32.9

59 11.3 9.0 13.6



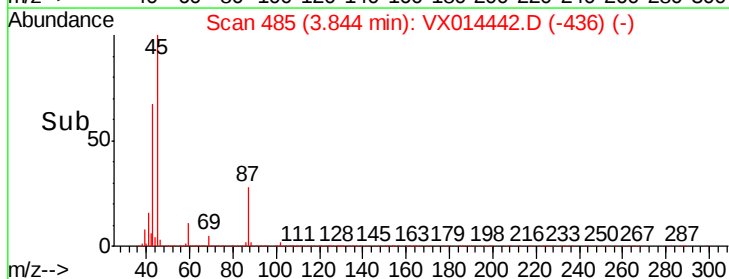
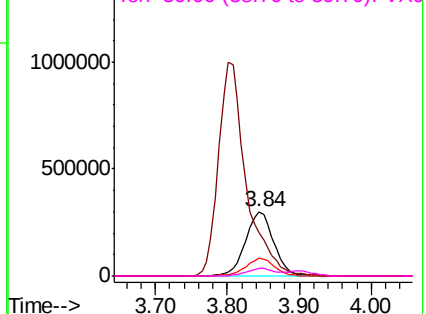
Abundance

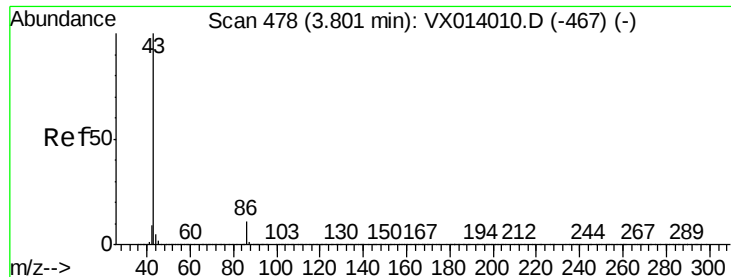
Ion 45.00 (44.70 to 45.70): VX0

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: 196.217 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

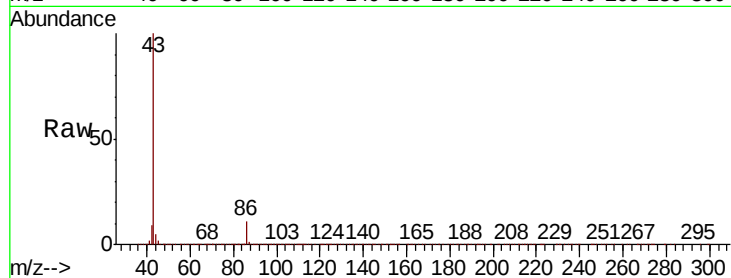
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 2677144

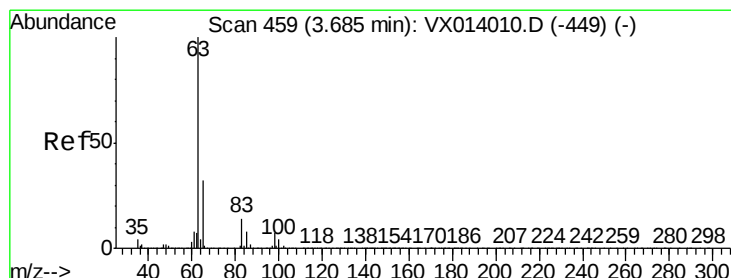
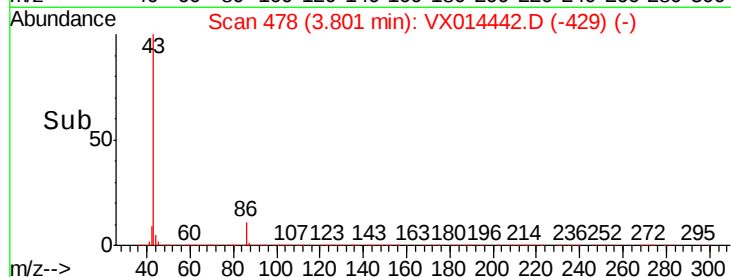
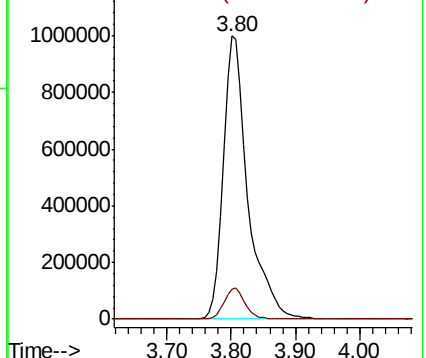
Ion Ratio Lower Upper

43 100

86 10.7 8.6 12.8



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



#24

1,1-Dichloroethane

Concen: 46.419 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

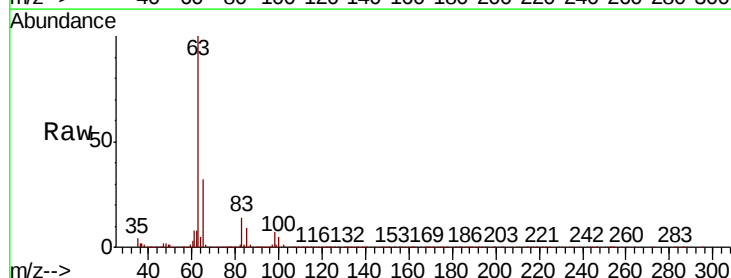
Tgt Ion: 63 Resp: 431787

Ion Ratio Lower Upper

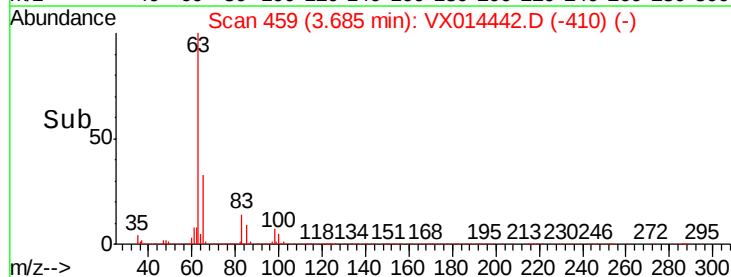
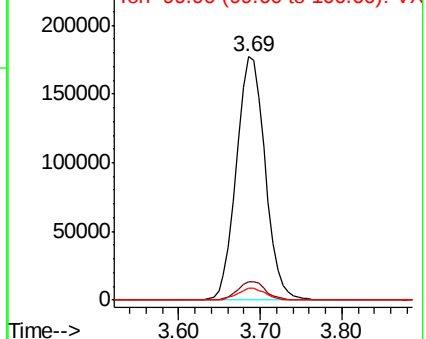
63 100

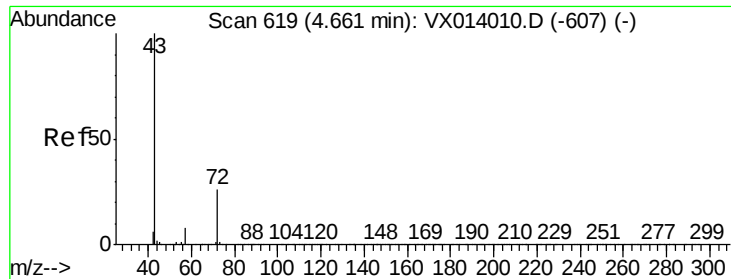
98 7.3 3.6 10.8

100 5.0 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: 223.333 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

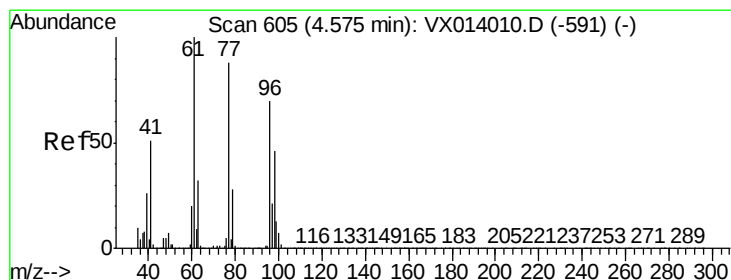
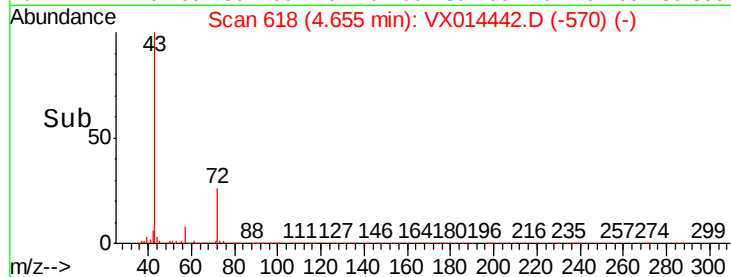
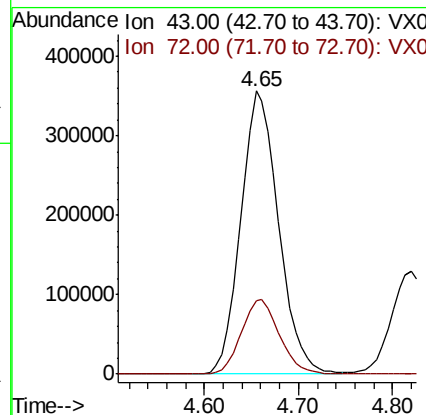
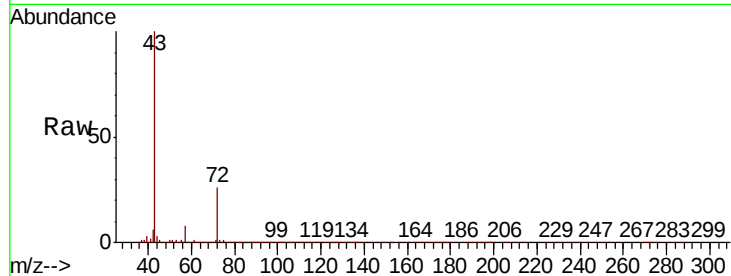
ClientSampleId :

Tot Ion: 43 Resp: 989680

Ion Ratio Lower Upper

43 100

72 25.8 21.0 31.4



#26

2,2-Dichloropropane

Concen: 46.716 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014442.D

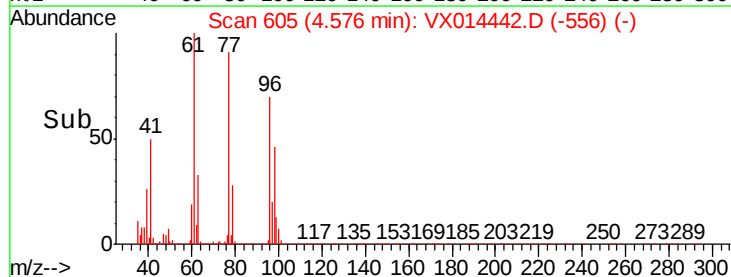
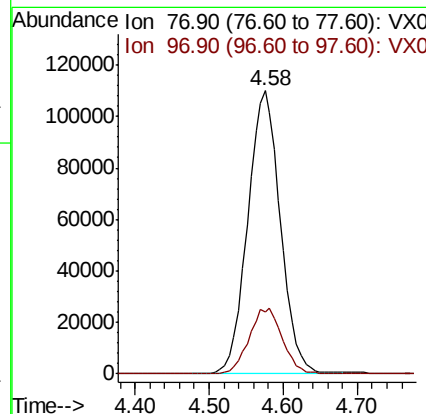
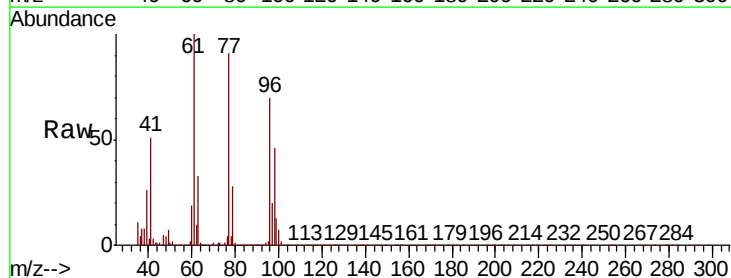
Acq: 06 Jan 2020 20:58

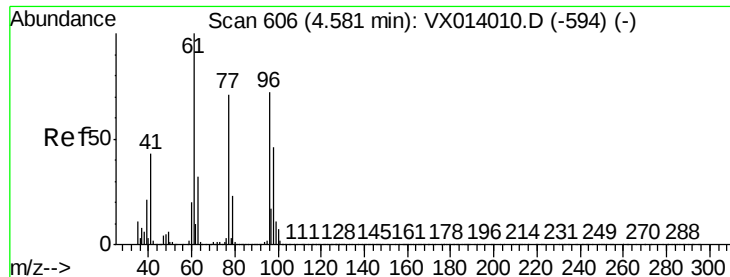
Tgt Ion: 77 Resp: 337388

Ion Ratio Lower Upper

77 100

97 23.9 11.9 35.9



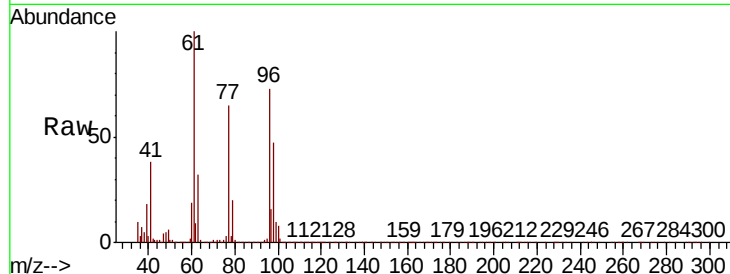


#27

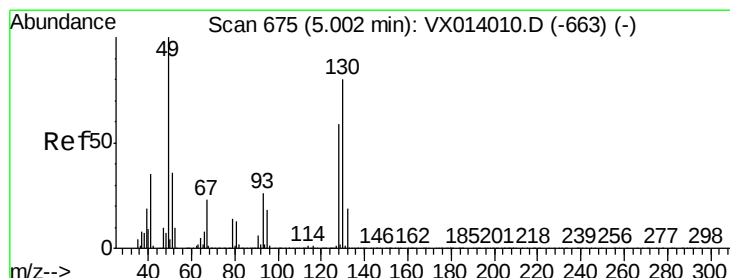
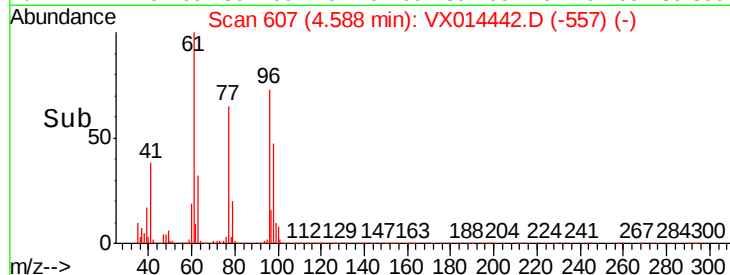
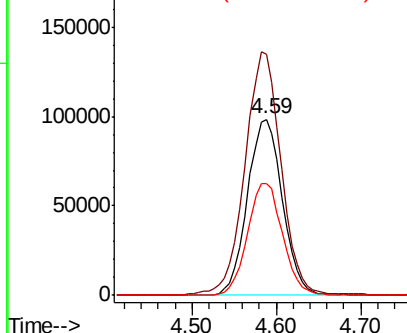
cis-1,2-Dichloroethene
Concen: 47.382 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.0	0.0	288.4
98	64.2	0.0	129.6



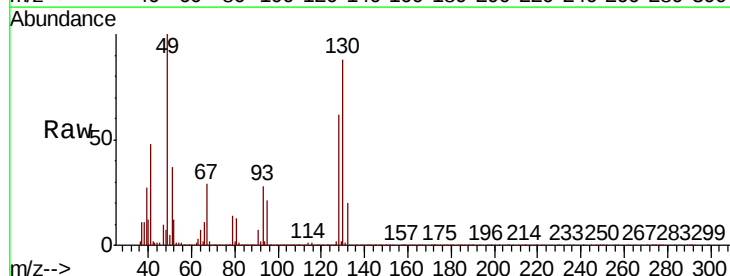
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



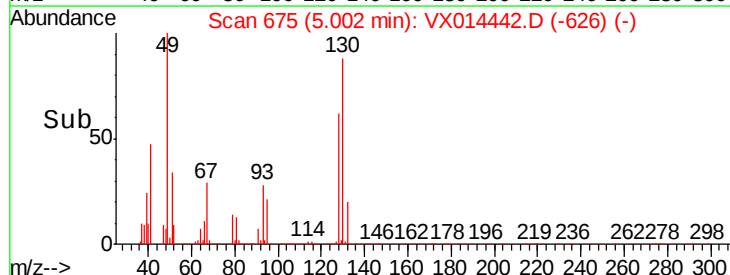
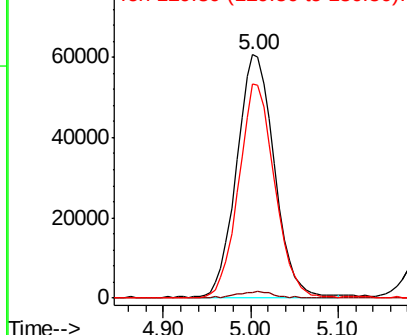
#28

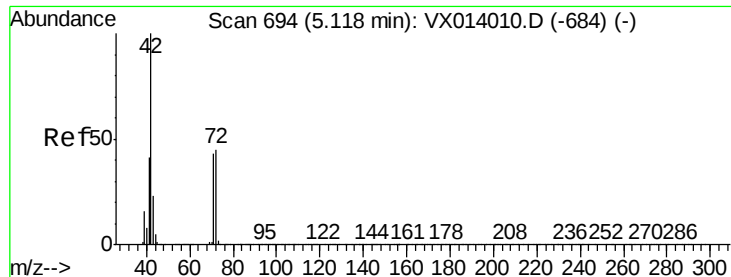
Bromochloromethane
Concen: 50.559 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.0
130	84.0	64.6	97.0



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

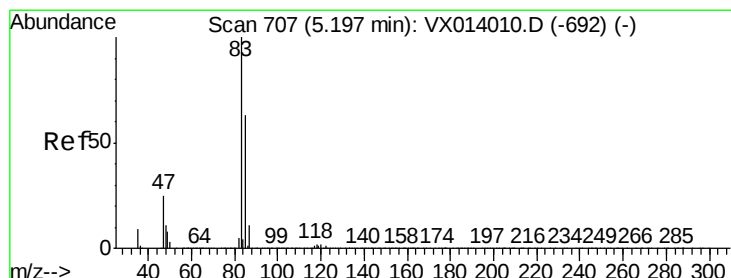
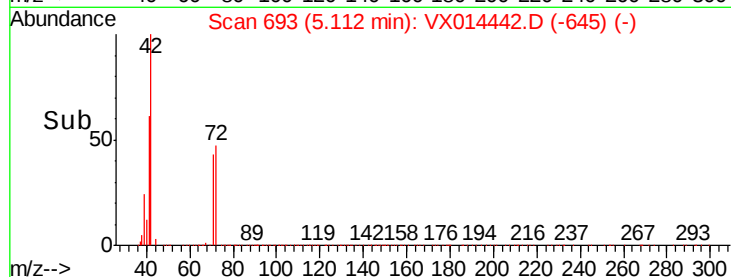
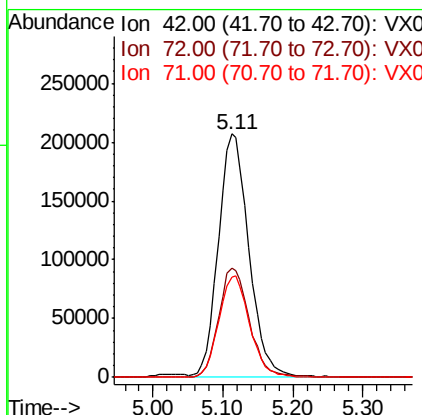
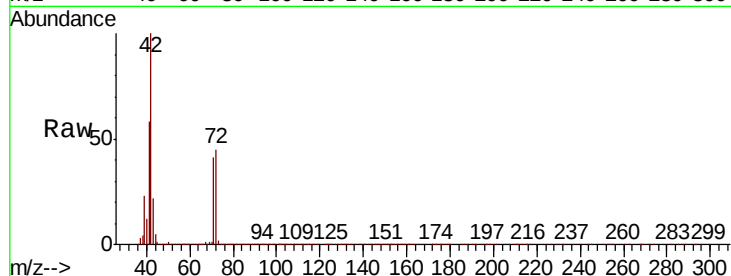




#29
Tetrahydrofuran
Concen: 251.448 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

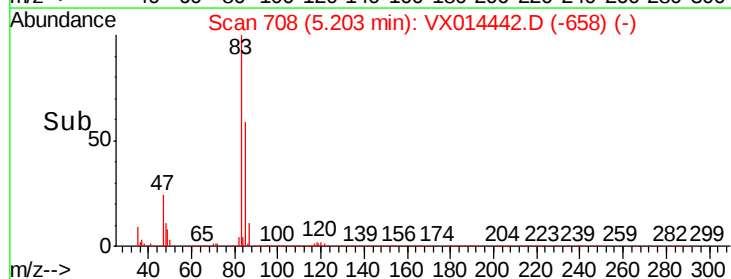
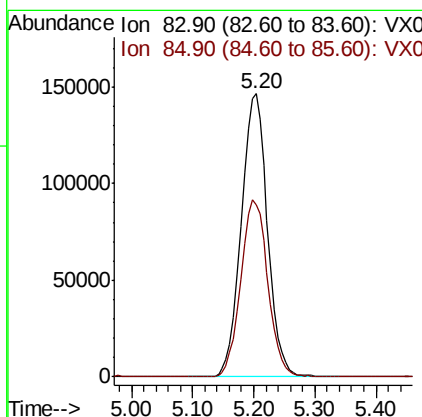
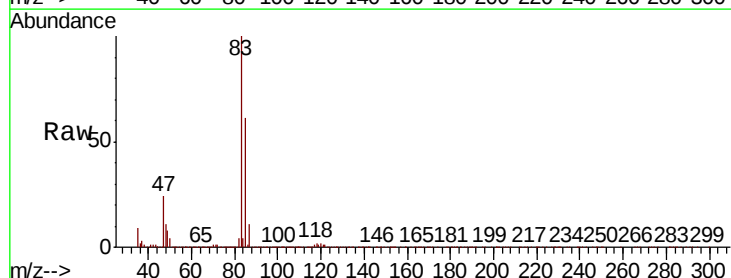
Instrument :
MSVOA_X
ClientSampleId :

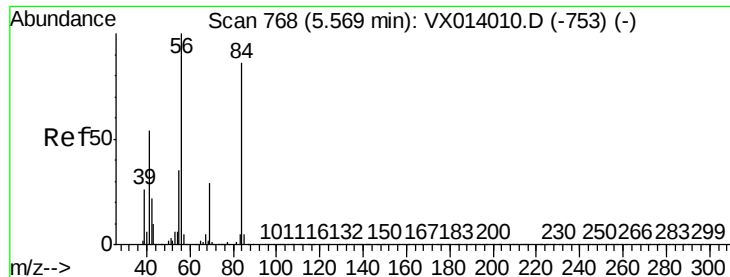
Tot Ion: 42 Resp: 623239
Ion Ratio Lower Upper
42 100
72 45.5 35.8 53.8
71 42.1 33.6 50.4



#30
Chloroform
Concen: 49.342 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Tgt Ion: 83 Resp: 435094
Ion Ratio Lower Upper
83 100
85 60.9 50.8 76.2

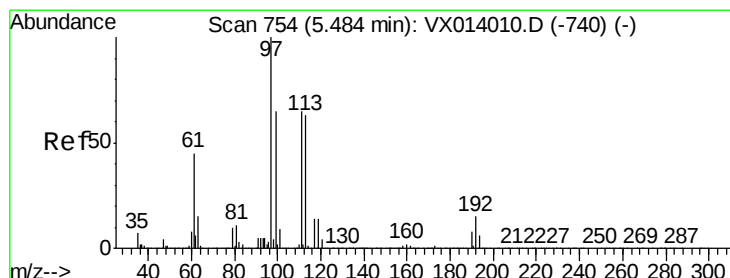
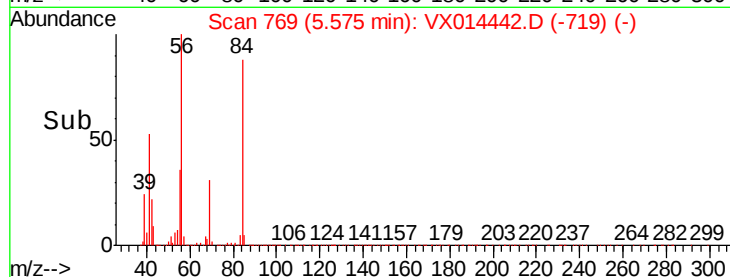
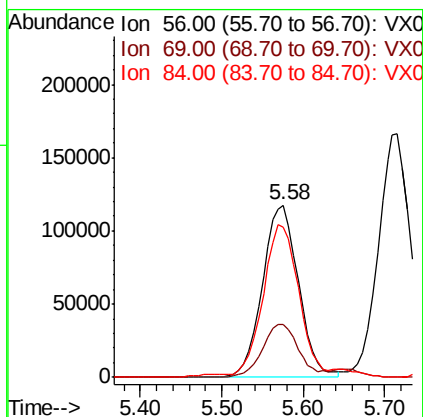
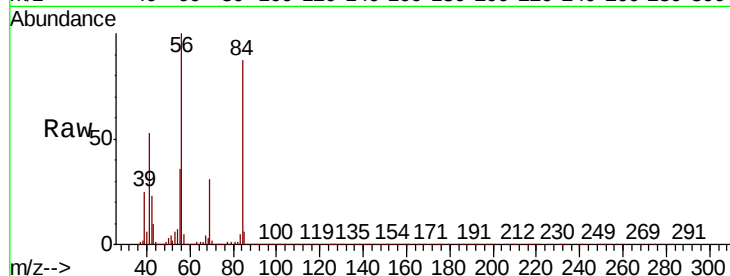




#31
Cyclohexane
Concen: 43.714 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

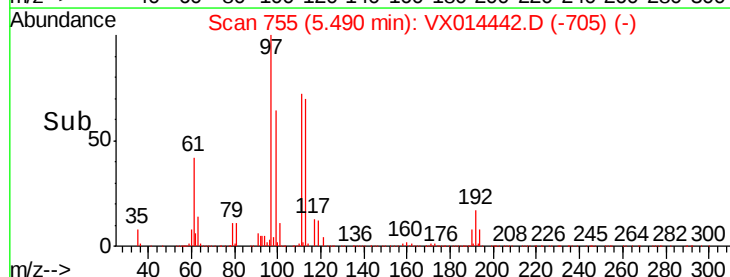
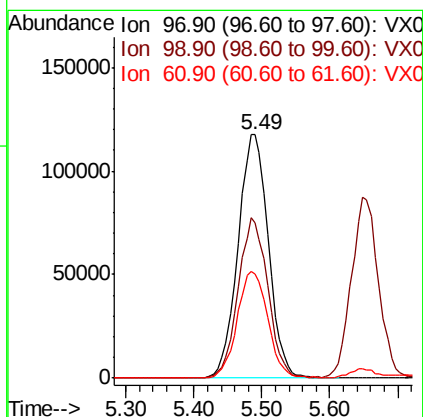
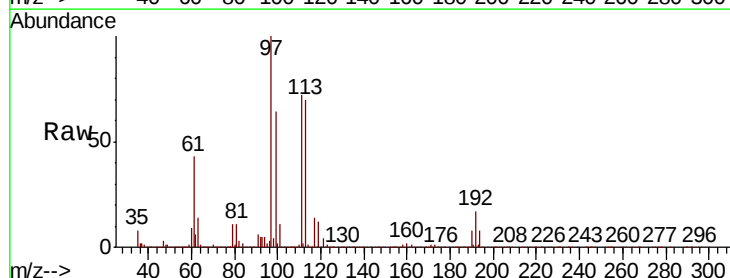
Instrument :
MSVOA_X
ClientSampled :

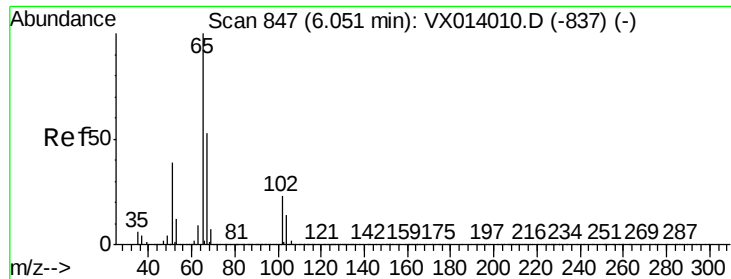
Tot Ion: 56 Resp: 361651
Ion Ratio Lower Upper
56 100
69 30.9 23.2 34.8
84 86.2 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 48.423 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Tgt Ion: 97 Resp: 363916
Ion Ratio Lower Upper
97 100
99 64.0 52.0 78.0
61 44.0 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 51.073 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

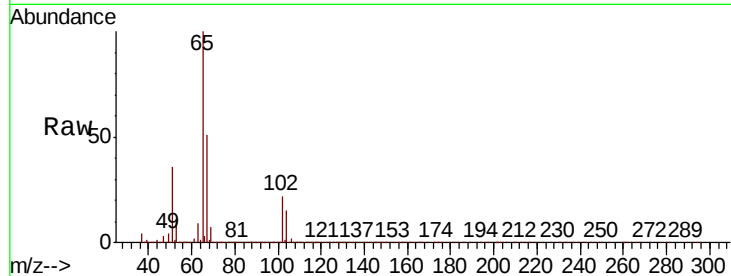
ClientSampleId :

Tot Ion: 65 Resp: 282762

Ion Ratio Lower Upper

65 100

67 52.3 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

120000

100000

80000

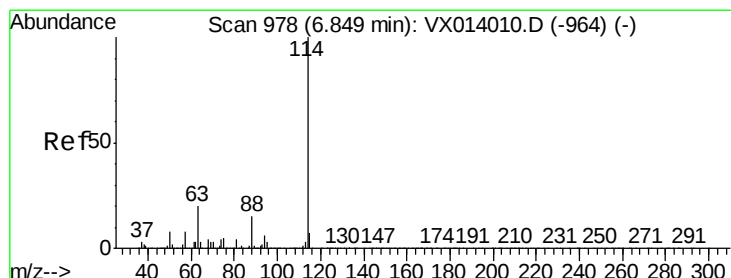
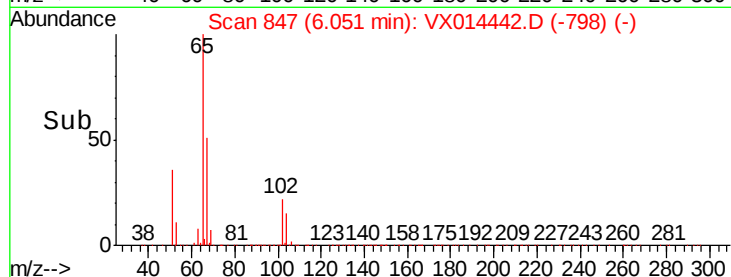
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

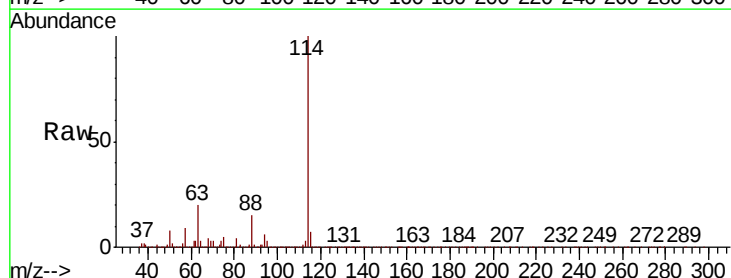
Tgt Ion: 114 Resp: 744784

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.8

88 15.1 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

400000

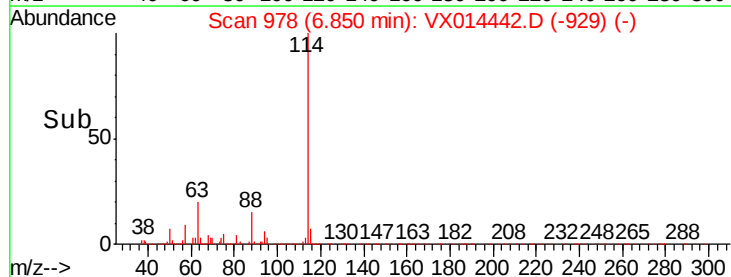
300000

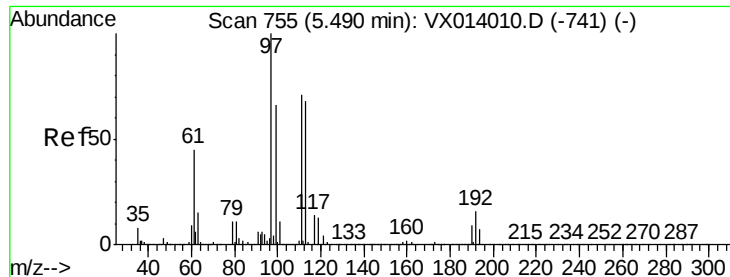
200000

100000

0

Time-->

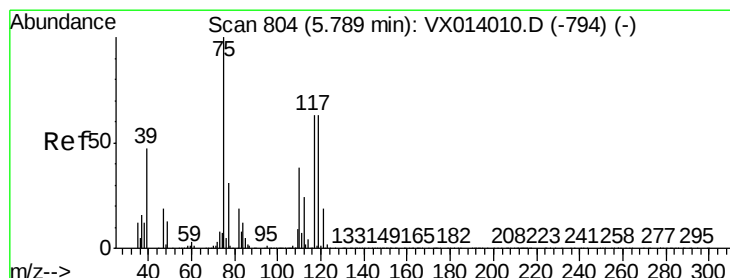
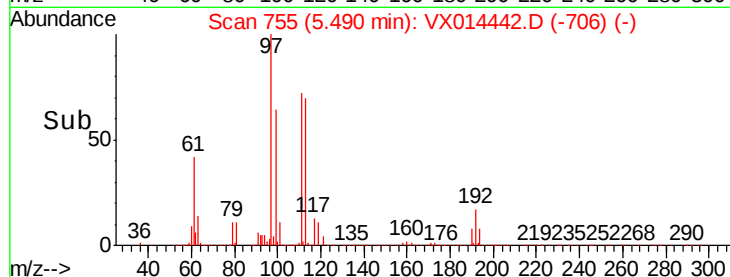
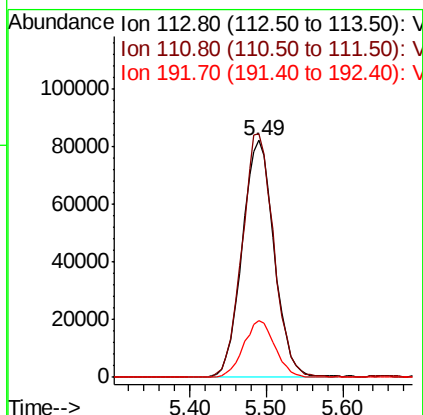
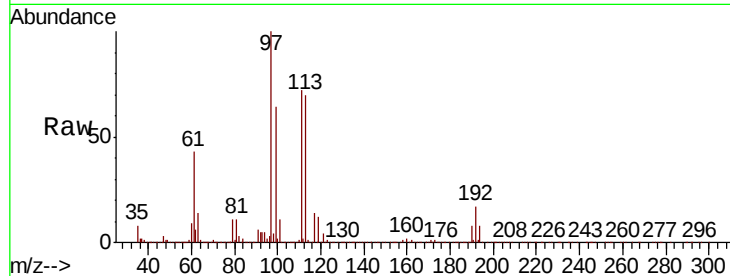




#35
Dibromofluoromethane
Concen: 52.546 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

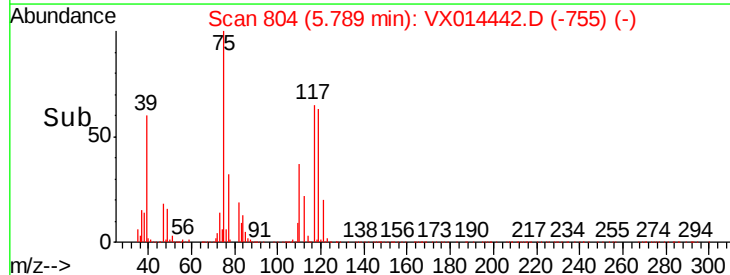
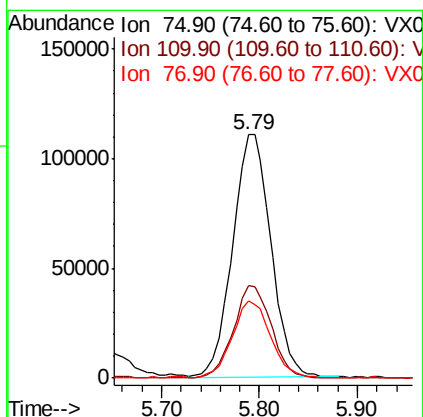
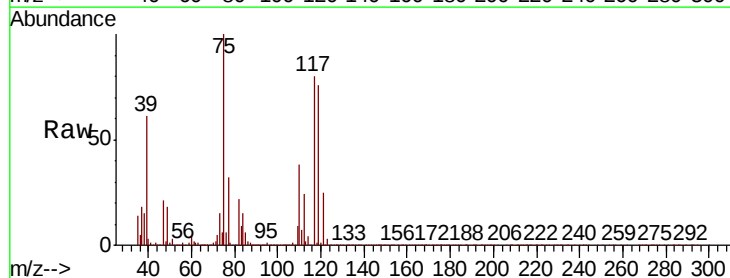
Instrument :
MSVOA_X
ClientSampleId :

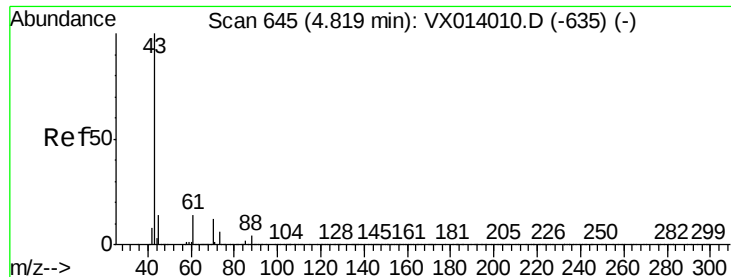
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.0	123.0
192	23.9	19.3	28.9



#36
1,1-Dichloropropene
Concen: 43.949 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.4	18.3	54.9
77	31.3	24.8	37.2

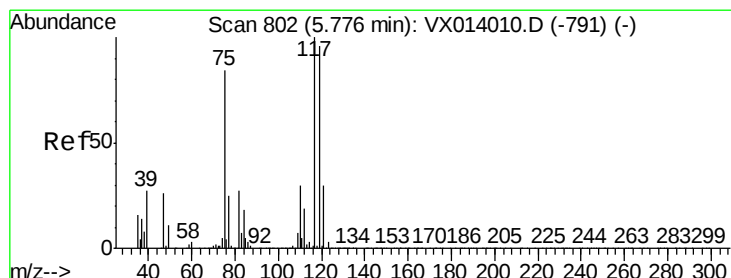
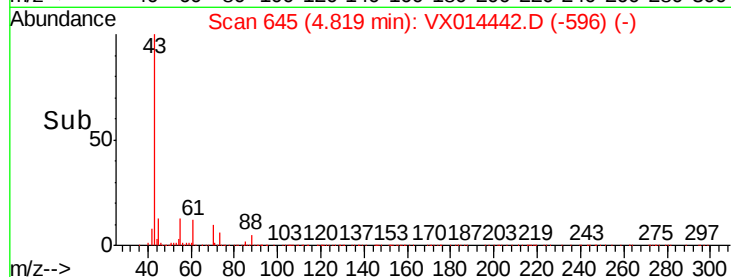
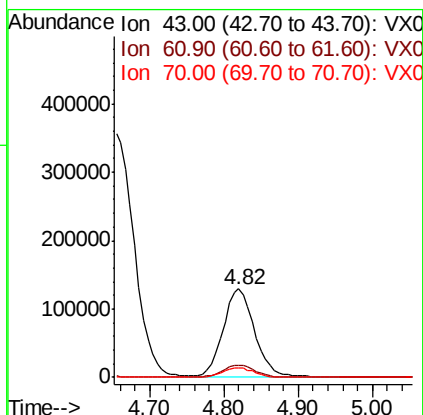
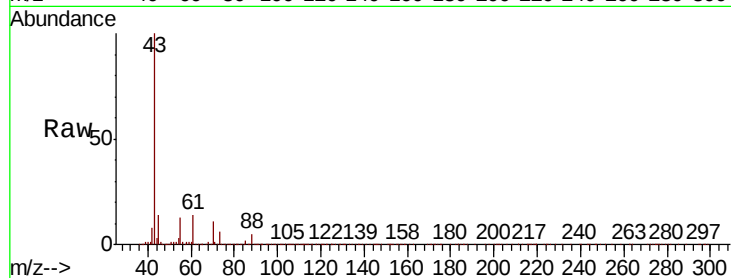




#37
Ethyl Acetate
Concen: 50.321 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

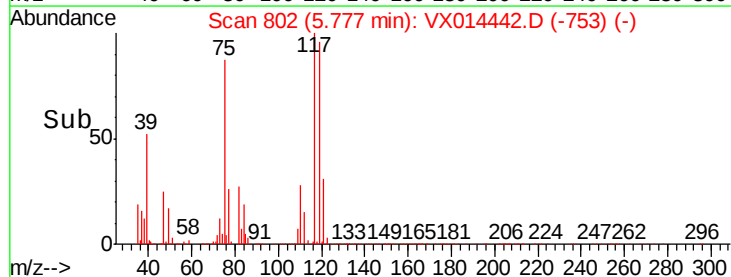
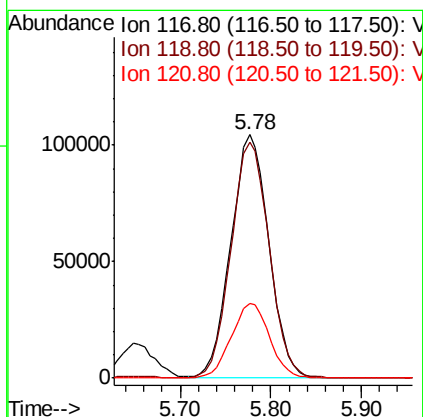
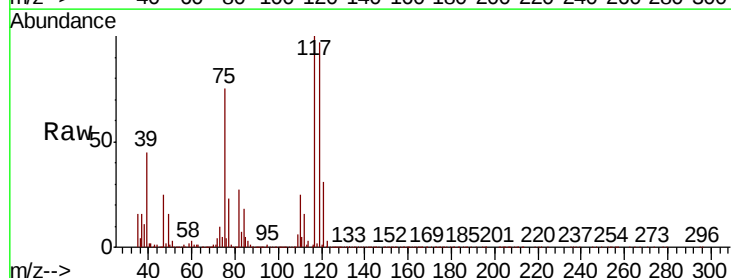
Instrument :
MSVOA_X
ClientSampled :

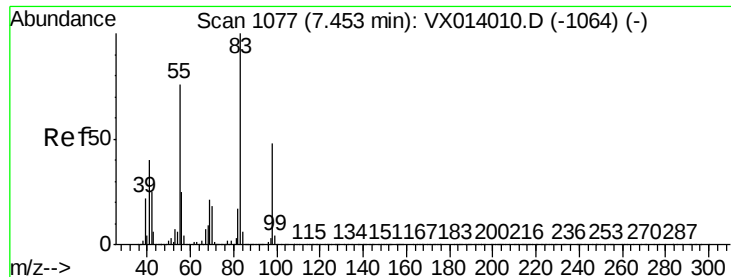
Tot Ion	43	Resp	379746
Ion Ratio	Lower	Upper	
43	100		
61	13.8	10.8	16.2
70	11.0	8.6	12.8



#38
Carbon Tetrachloride
Concen: 48.571 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Tgt Ion	117	Resp	302381
Ion Ratio	Lower	Upper	
117	100		
119	96.9	76.2	114.4
121	30.6	23.6	35.4

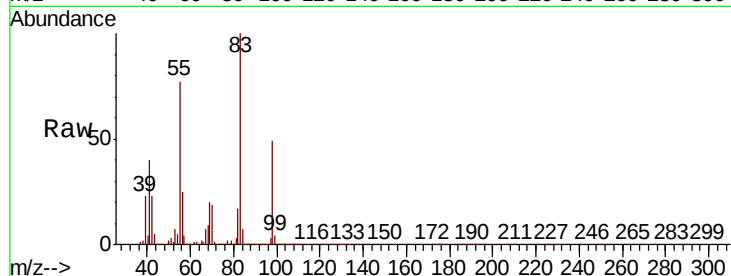




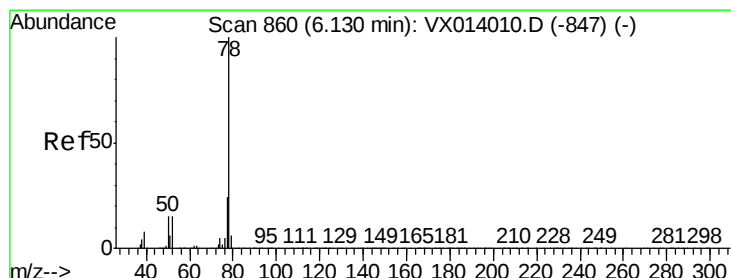
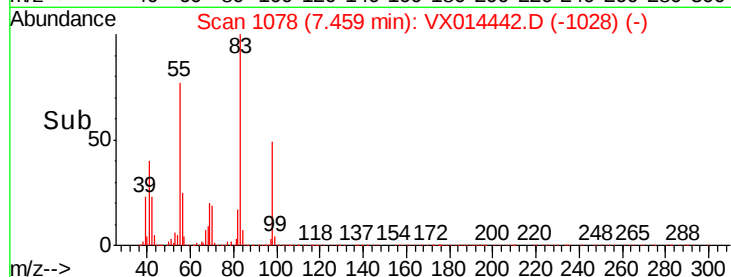
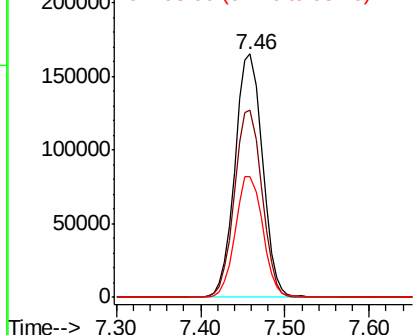
#39
Methvlcvclohexane
Concen: 43.319 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.7	61.0	91.6
98	49.4	38.6	57.8

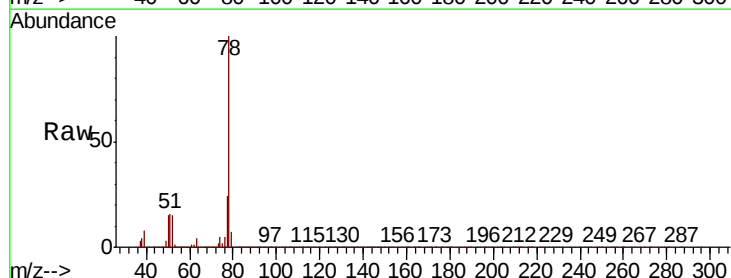


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

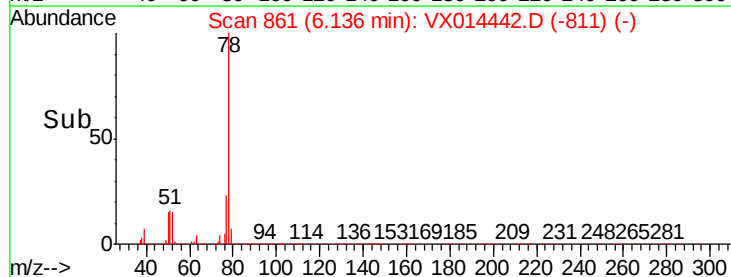
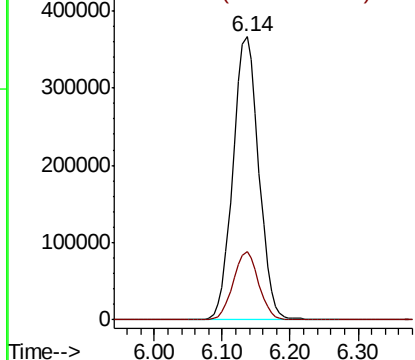


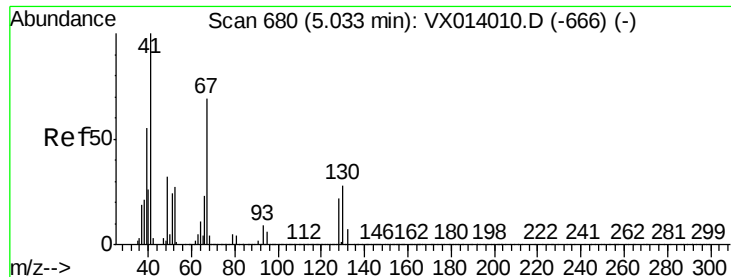
#40
Benzene
Concen: 45.989 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.8	28.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

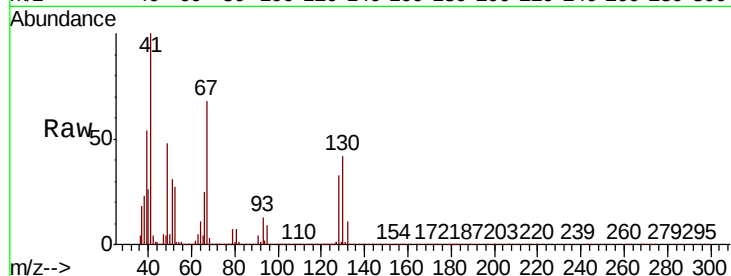




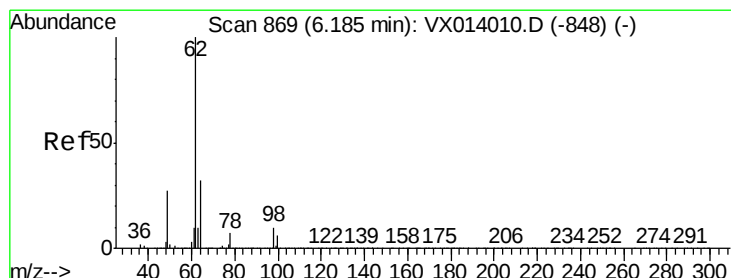
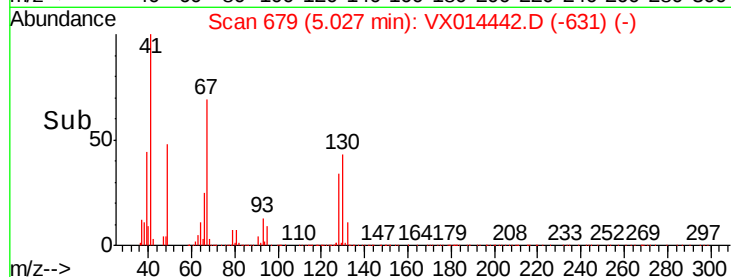
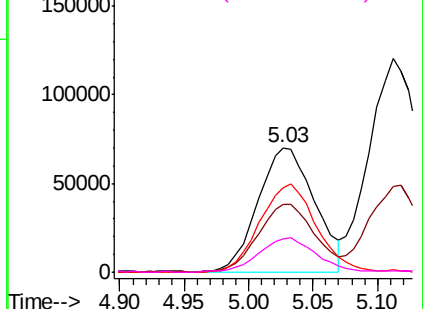
#41
Methacrylonitrile
Concen: 50.683 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	212218
Ion	Ratio	Lower	Upper
41	100		
39	54.8	44.5	66.7
67	71.6	57.4	86.0
52	27.2	23.0	34.4

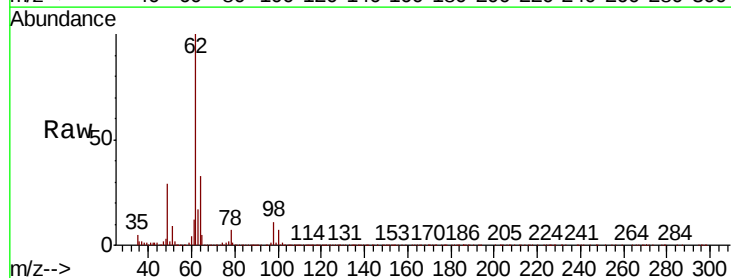


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

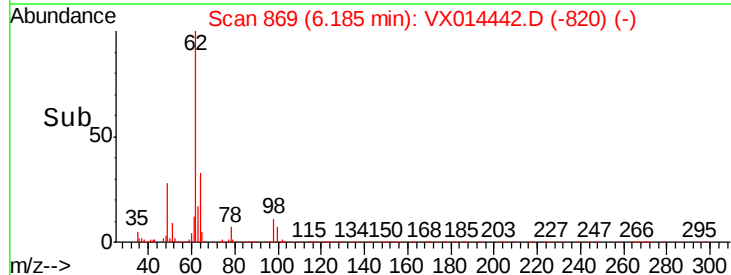
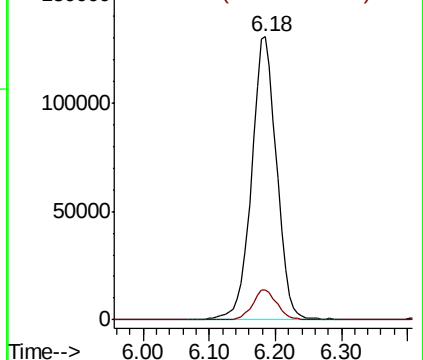


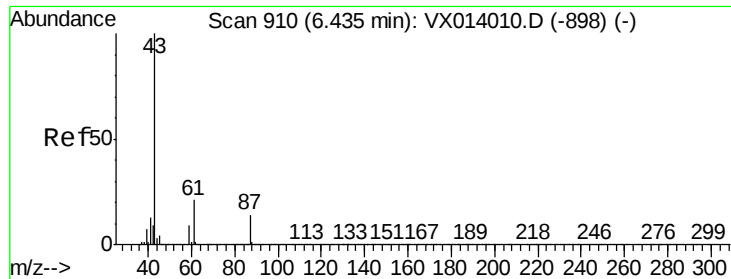
#42
1,2-Dichloroethane
Concen: 48.038 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Tgt Ion:	62	Resp:	342393
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	21.0



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



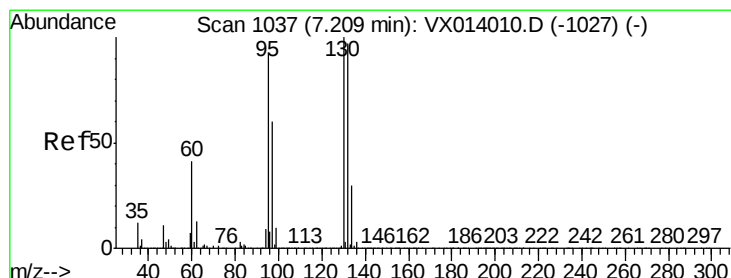
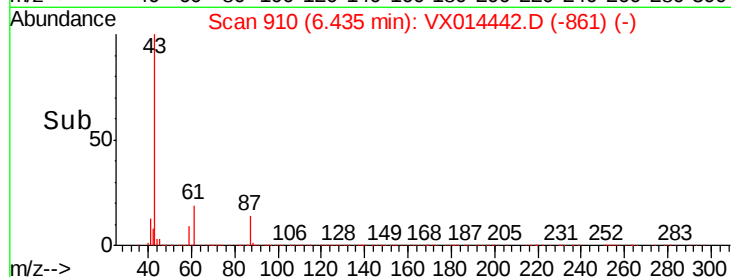
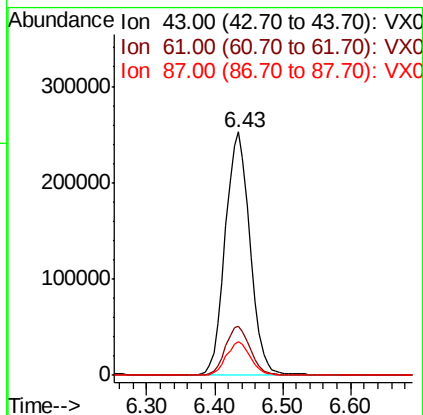
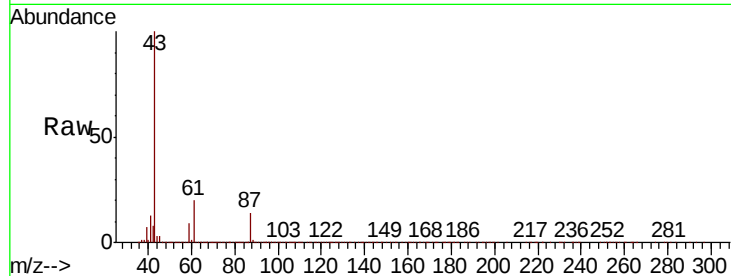


#43

Isopropyl Acetate
 Concen: 50.838 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014442.D
 Acq: 06 Jan 2020 20:58

Instrument :
 MSVOA_X
 ClientSampleId :

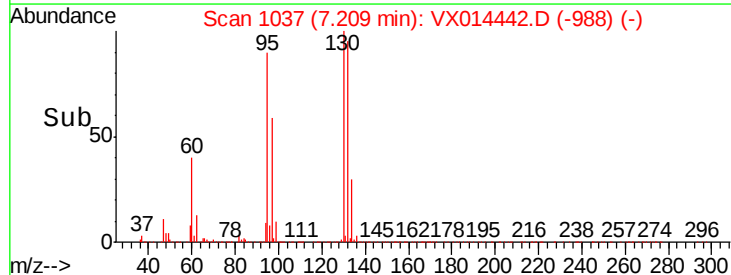
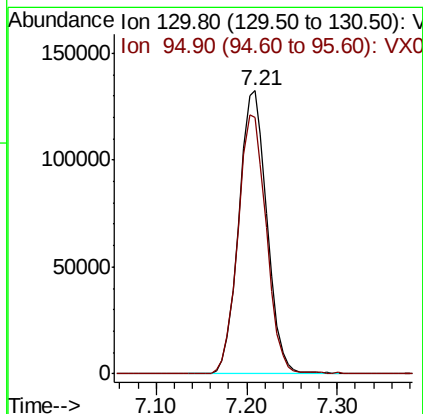
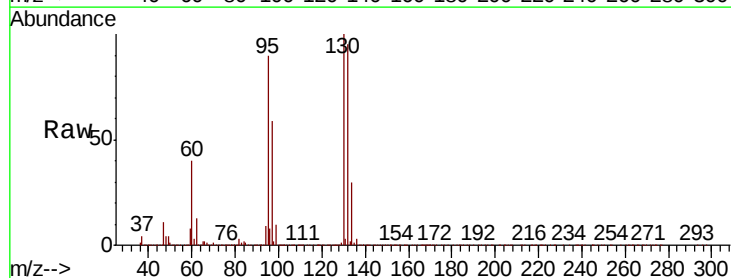
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.4	24.6
87	13.4	10.7	16.1

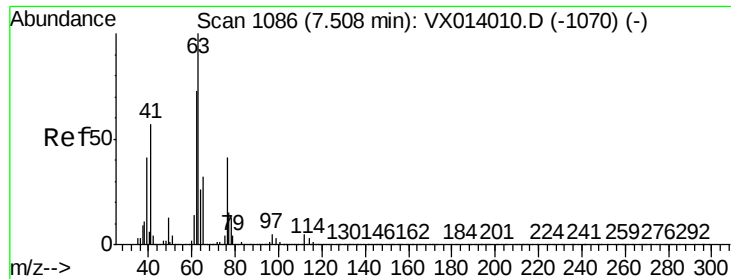


#44

Trichloroethene
 Concen: 49.054 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014442.D
 Acq: 06 Jan 2020 20:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.5	0.0	185.6

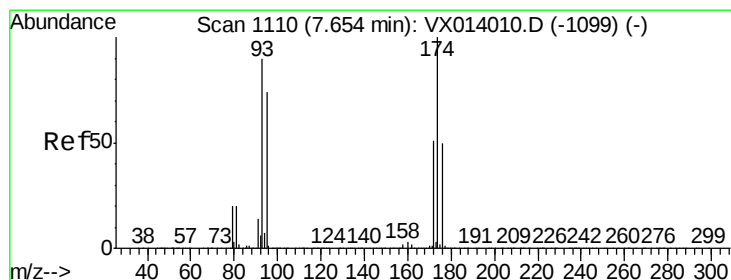
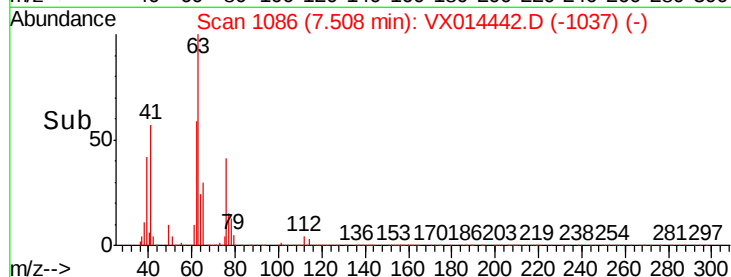
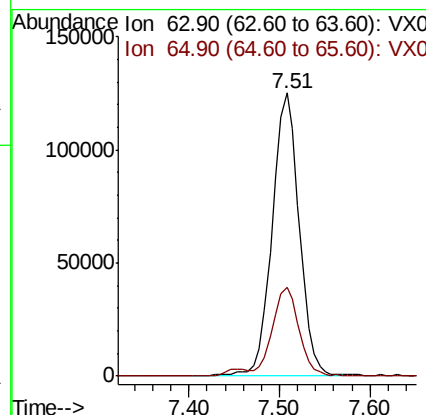
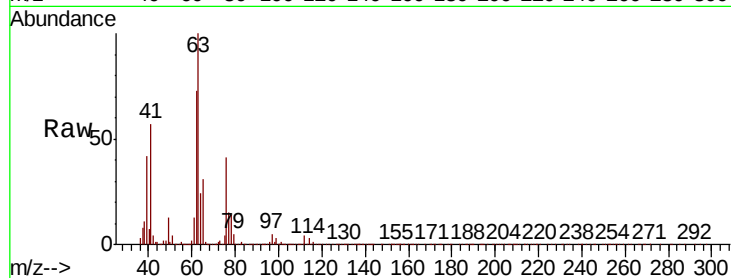




#45
 1,2-Dichloropropane
 Concen: 47.731 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014442.D
 Acq: 06 Jan 2020 20:58

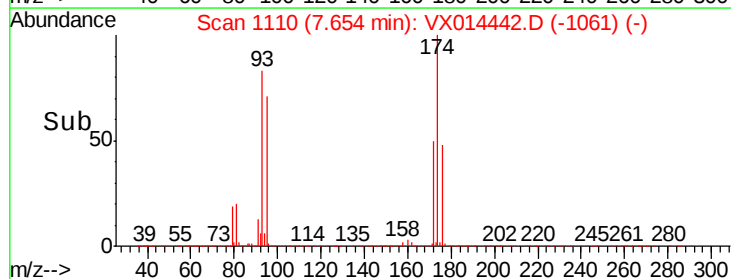
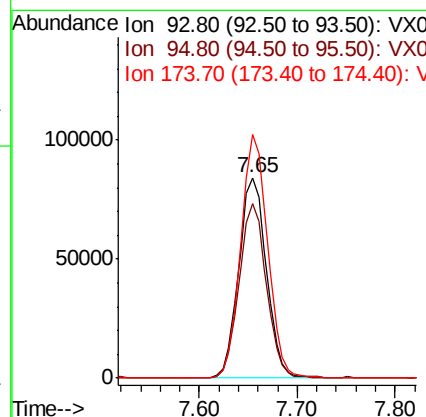
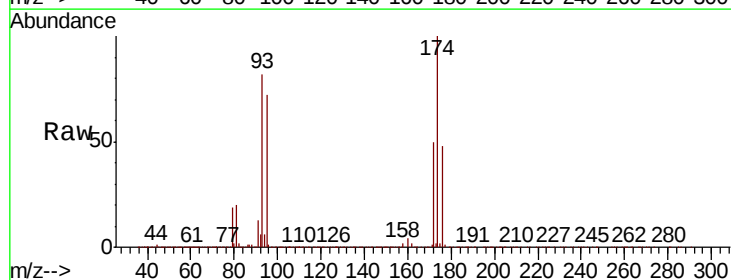
Instrument :
 MSVOA_X
 ClientSampleId :

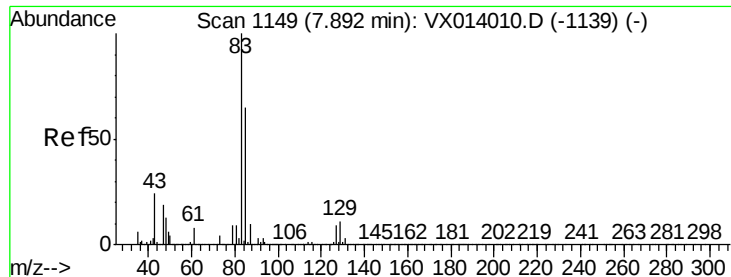
Tot Ion: 63 Resp: 257242
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.8 38.8



#46
 Dibromomethane
 Concen: 46.432 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014442.D
 Acq: 06 Jan 2020 20:58

Tgt Ion: 93 Resp: 165444
 Ion Ratio Lower Upper
 93 100
 95 85.5 67.3 100.9
 174 118.6 91.6 137.4





#47

Bromodichloromethane

Concen: 49.771 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :
MSVOA_X
ClientSampleId :

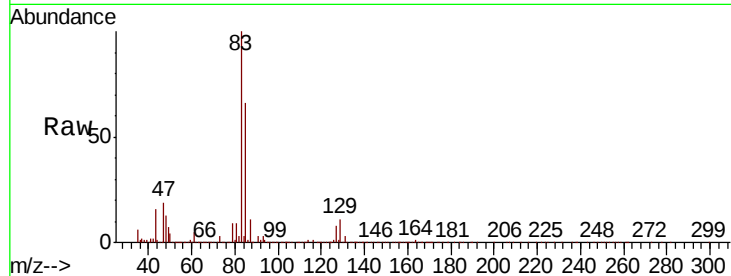
Tot Ion: 83 Resp: 334002

Ion Ratio Lower Upper

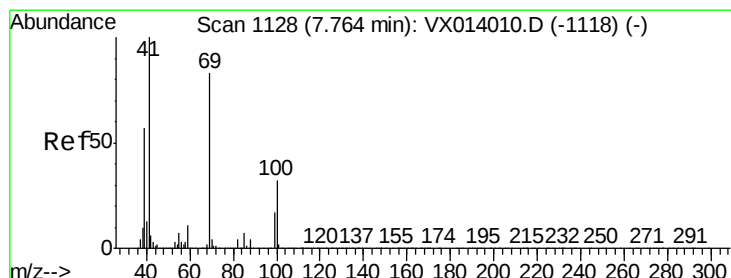
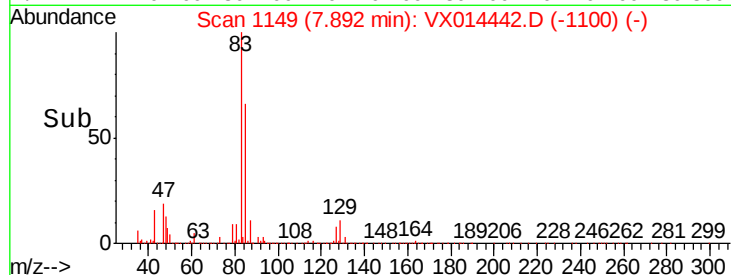
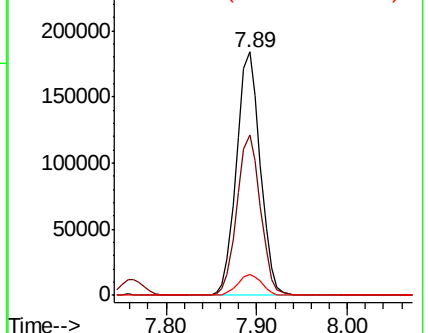
83 100

85 65.9 51.8 77.8

127 8.4 7.0 10.4



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: 49.967 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

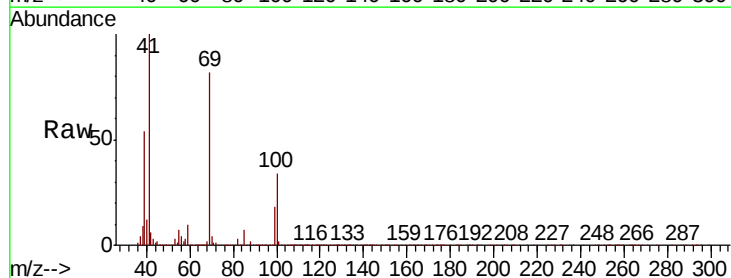
Tgt Ion: 41 Resp: 305573

Ion Ratio Lower Upper

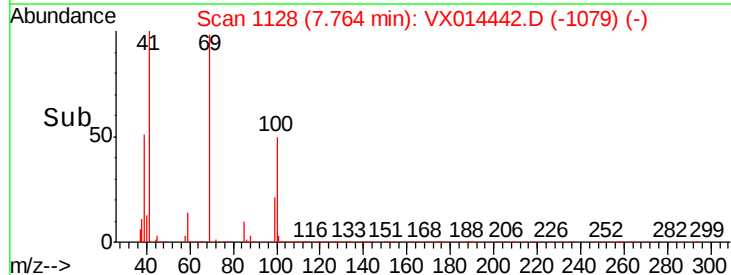
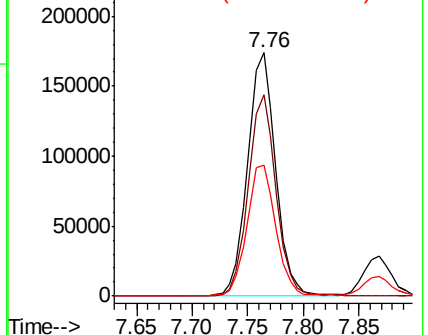
41 100

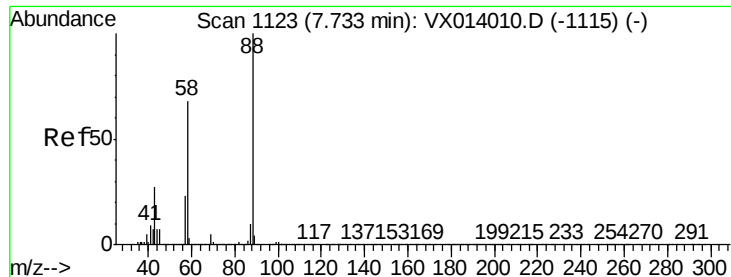
69 81.5 65.8 98.6

39 54.9 44.6 67.0



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: 922.954 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

ClientSampleId :

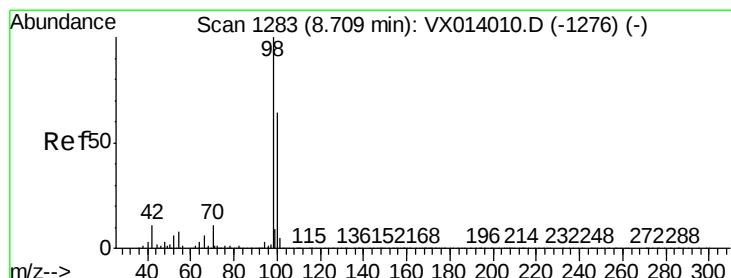
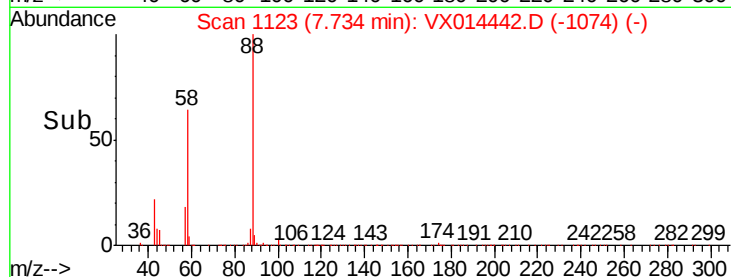
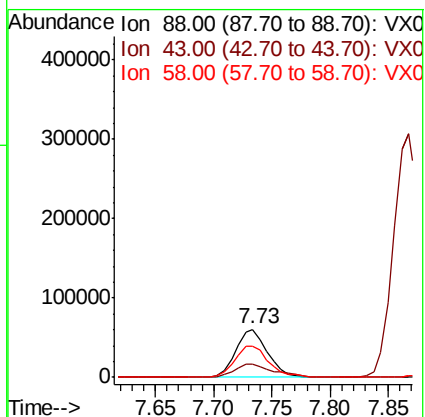
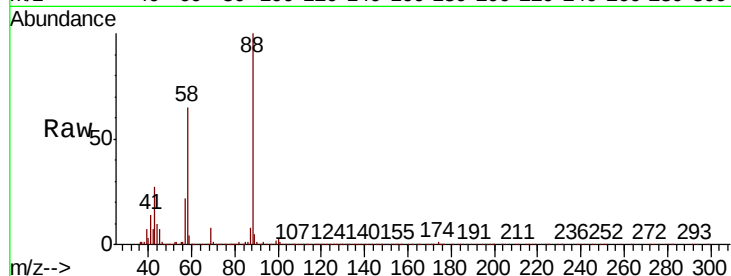
Tot Ion: 88 Resp: 114864

Ion Ratio Lower Upper

88 100

43 34.3 26.5 39.7

58 70.4 56.8 85.2



#50

Toluene-d8

Concen: 51.173 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014442.D

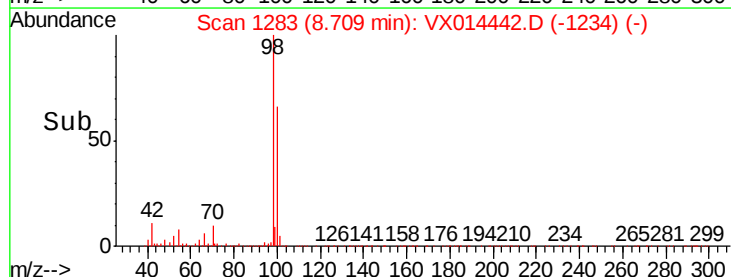
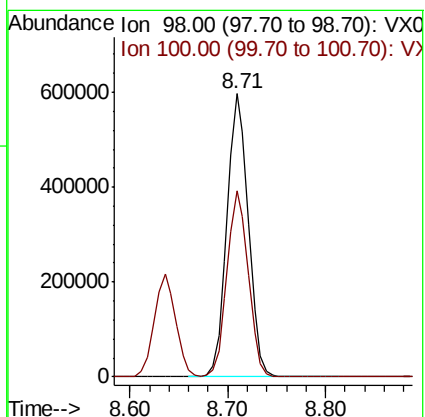
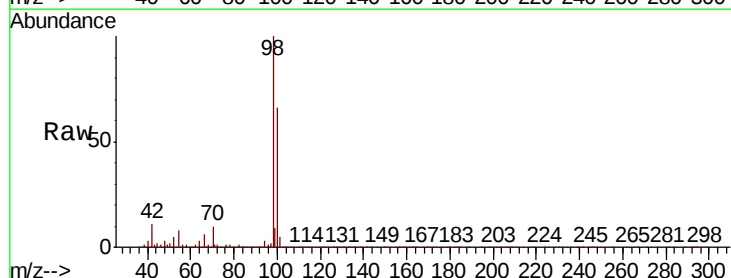
Acq: 06 Jan 2020 20:58

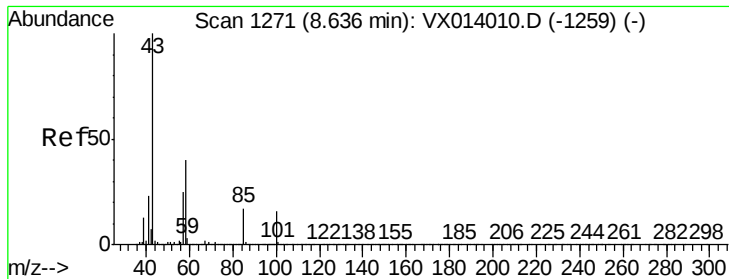
Tgt Ion: 98 Resp: 901996

Ion Ratio Lower Upper

98 100

100 65.9 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 249.041 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

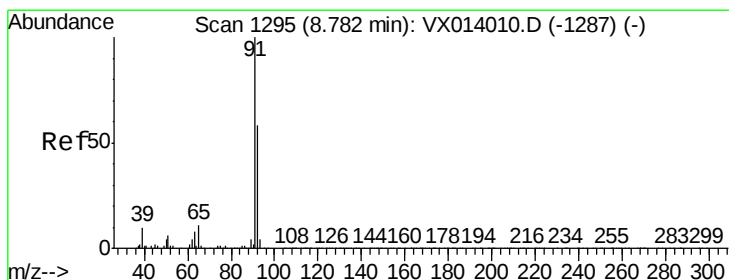
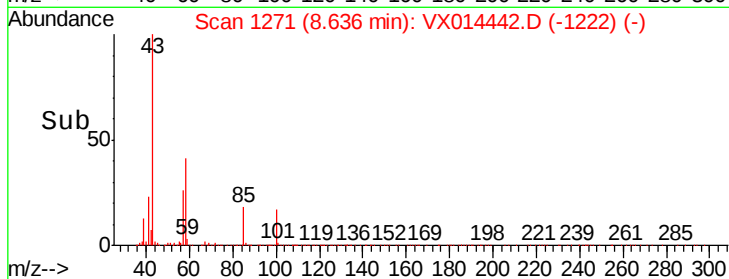
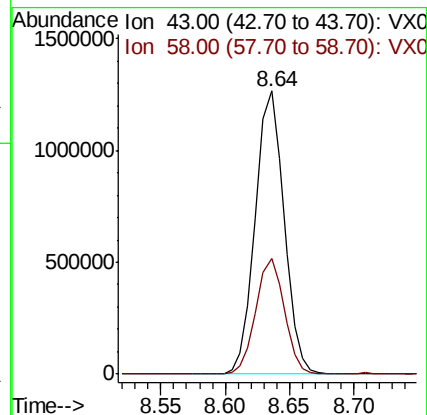
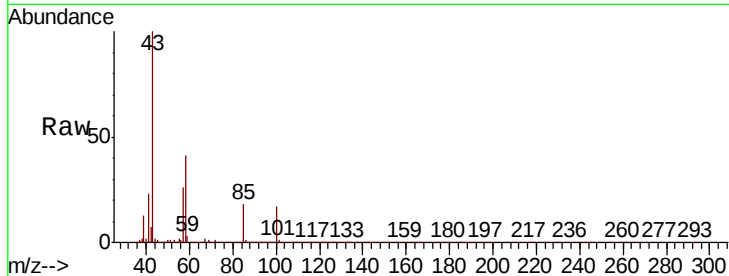
ClientSampleId :

Tot Ion: 43 Resp: 1953312

Ion Ratio Lower Upper

43 100

58 40.3 32.2 48.2



#52

Toluene

Concen: 46.144 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014442.D

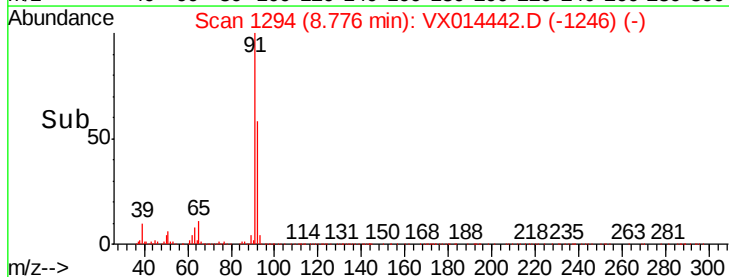
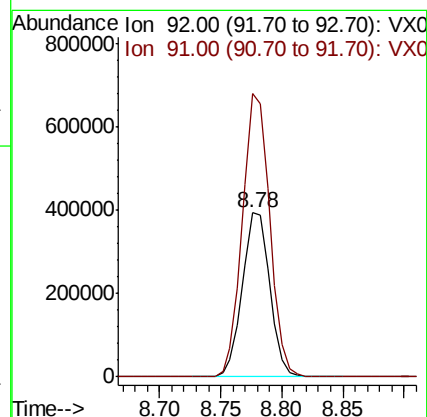
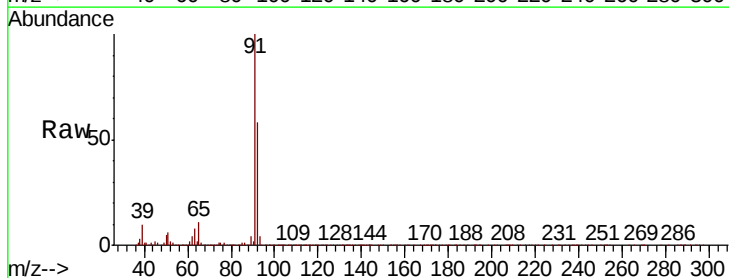
Acq: 06 Jan 2020 20:58

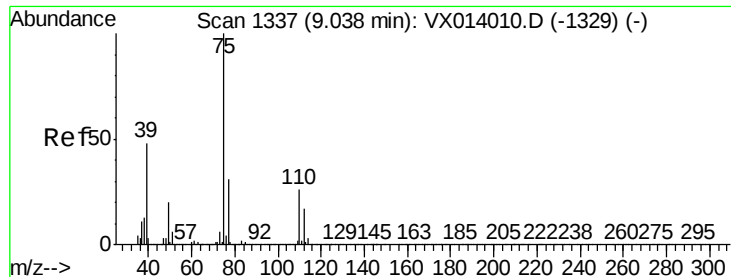
Tgt Ion: 92 Resp: 613268

Ion Ratio Lower Upper

92 100

91 172.1 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 51.505 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

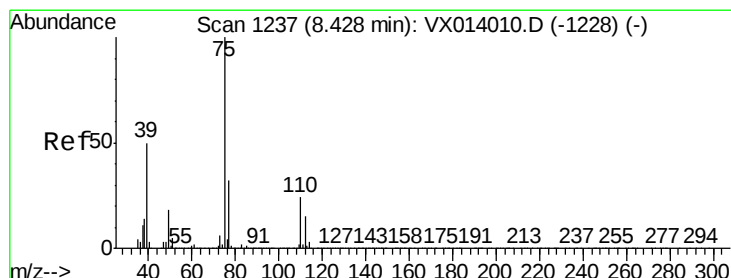
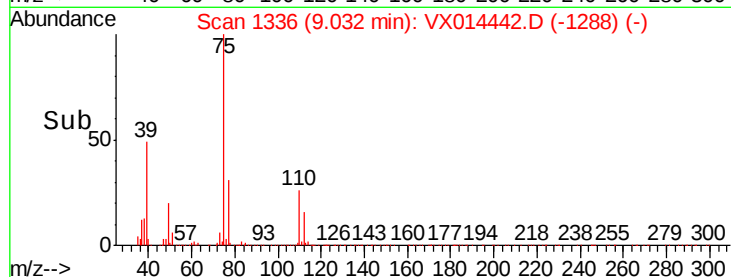
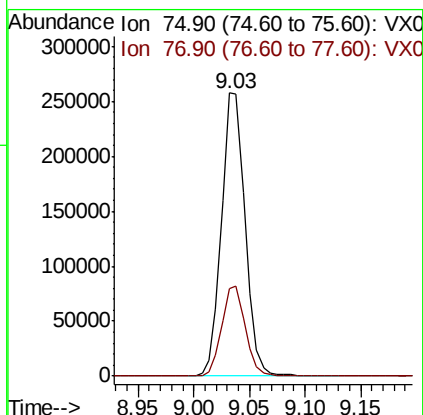
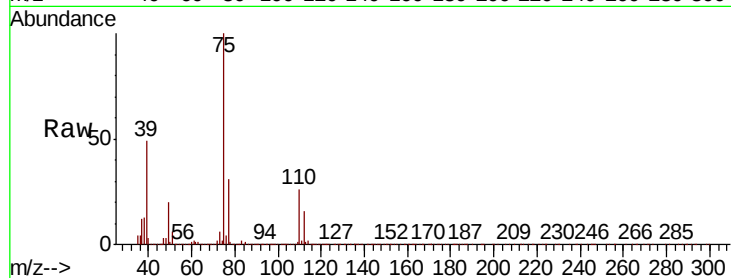
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 378995

Ion Ratio Lower Upper

75 100

77 30.8 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 50.477 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

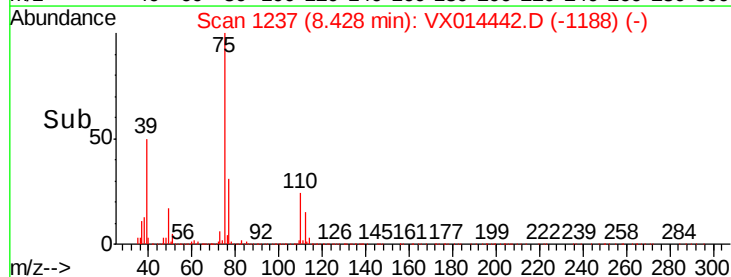
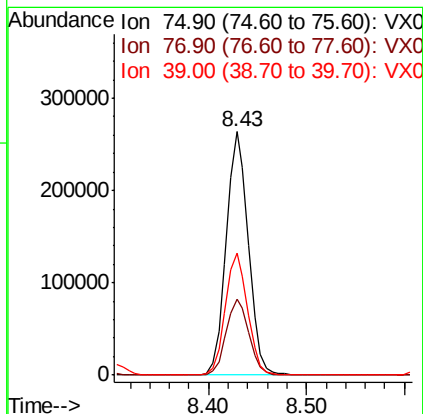
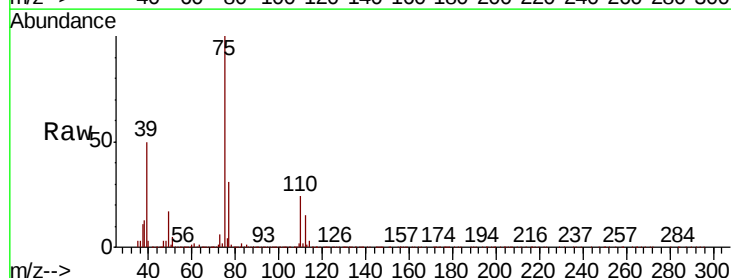
Tgt Ion: 75 Resp: 413796

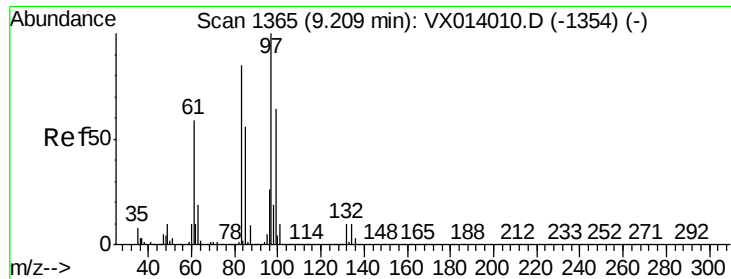
Ion Ratio Lower Upper

75 100

77 31.1 25.3 37.9

39 49.8 39.9 59.9

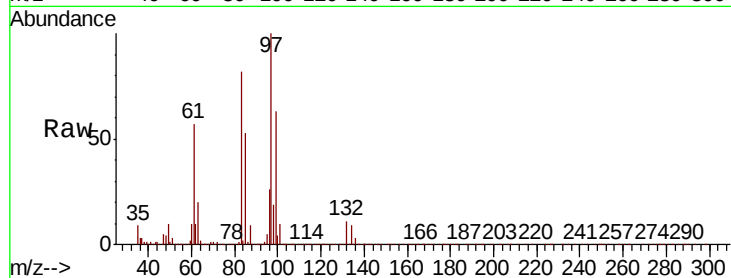




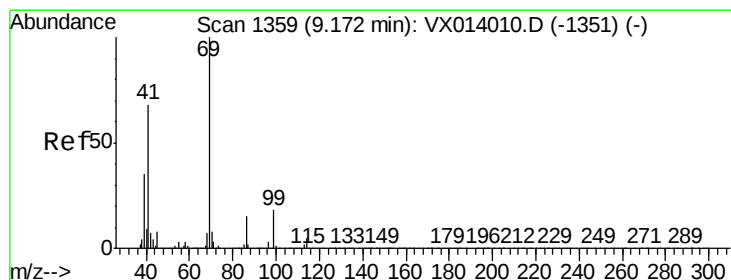
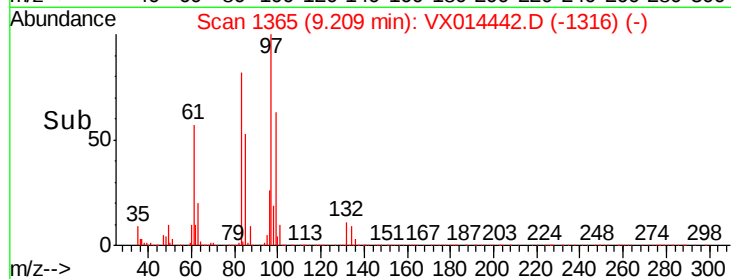
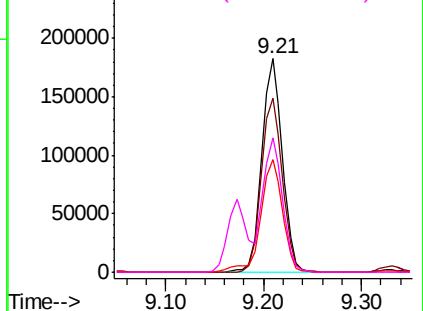
#55
 1,1,2-Trichloroethane
 Concen: 49.696 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014442.D
 Acq: 06 Jan 2020 20:58

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:	97	Resp:	264716
Ion	Ratio	Lower	Upper
97	100		
83	81.7	68.2	102.4
85	52.8	44.6	66.8
99	62.6	51.4	77.0

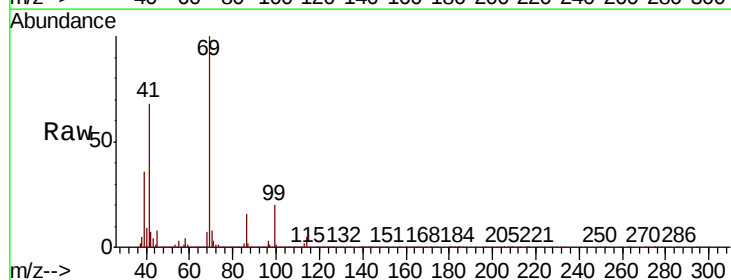


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

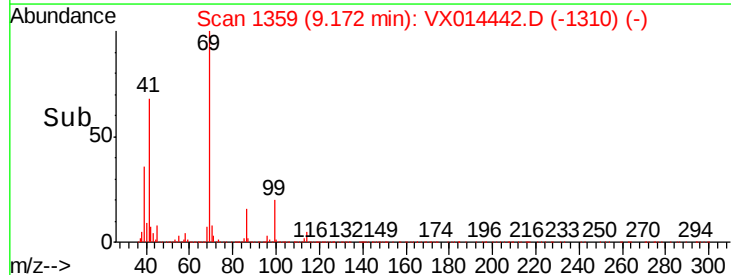
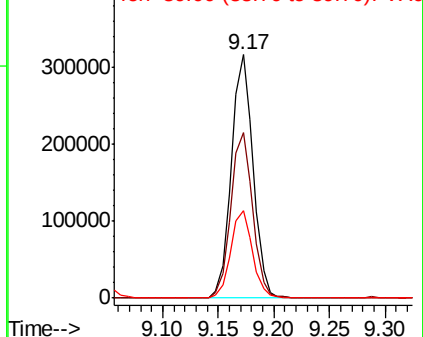


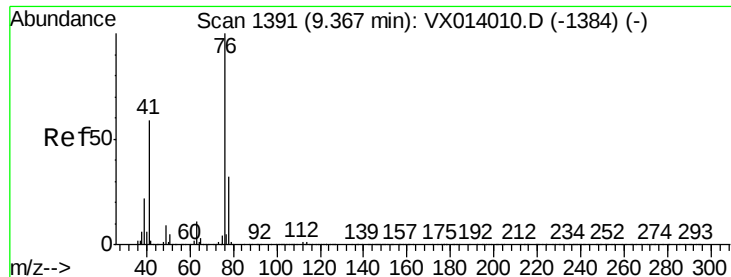
#56
 Ethyl methacrylate
 Concen: 50.887 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014442.D
 Acq: 06 Jan 2020 20:58

Tgt Ion:	69	Resp:	425783
Ion	Ratio	Lower	Upper
69	100		
41	67.9	54.8	82.2
39	35.8	28.3	42.5



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: 48.561 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

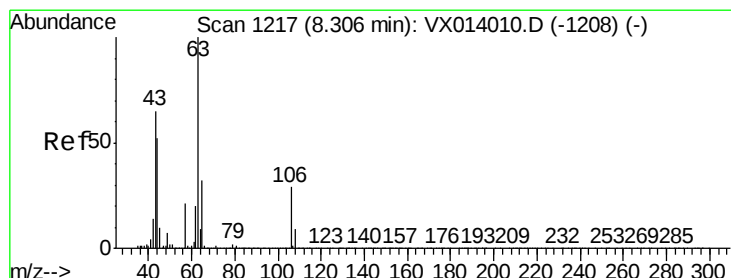
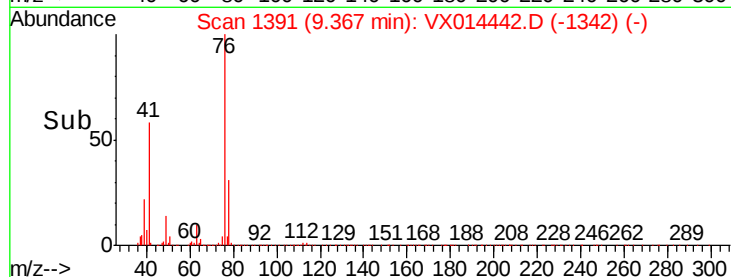
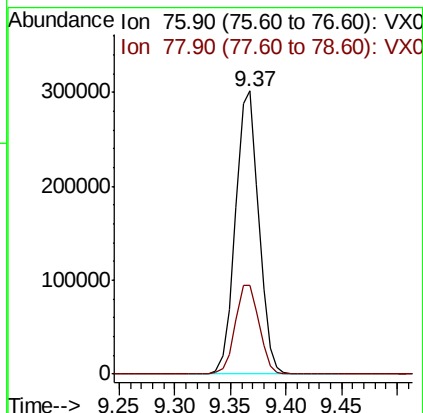
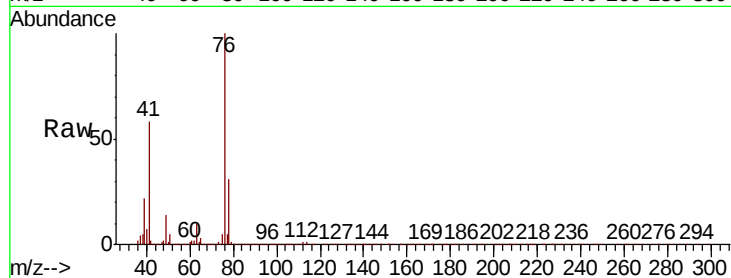
ClientSampleId :

Tot Ion: 76 Resp: 435211

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 263.758 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014442.D

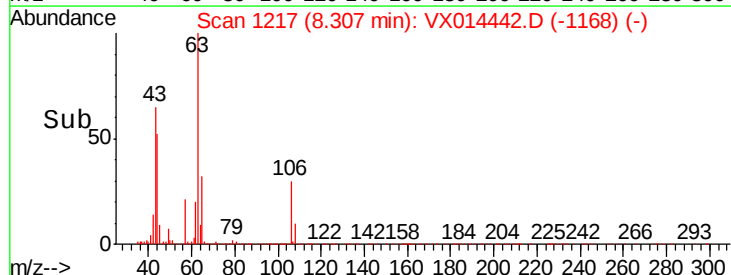
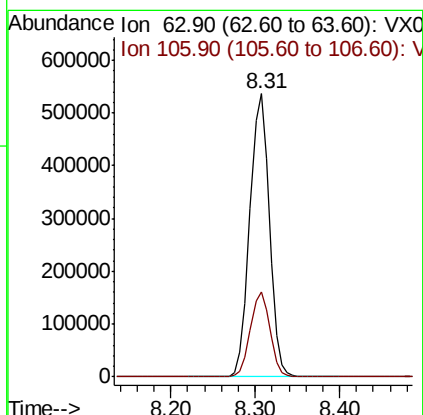
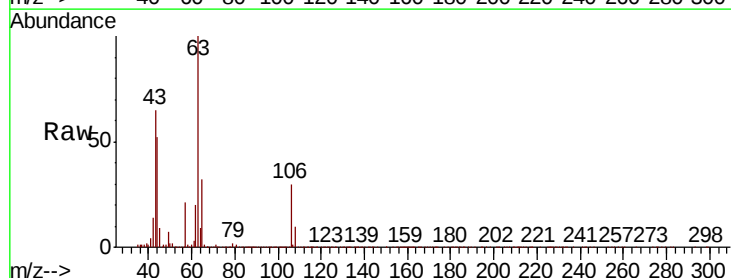
Acq: 06 Jan 2020 20:58

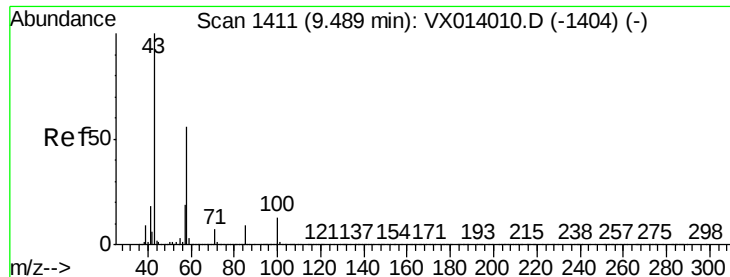
Tgt Ion: 63 Resp: 835186

Ion Ratio Lower Upper

63 100

106 30.2 23.0 34.6

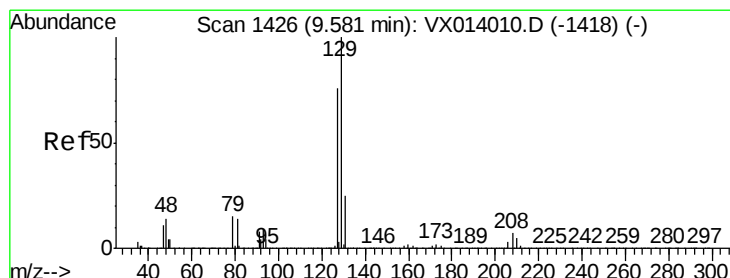
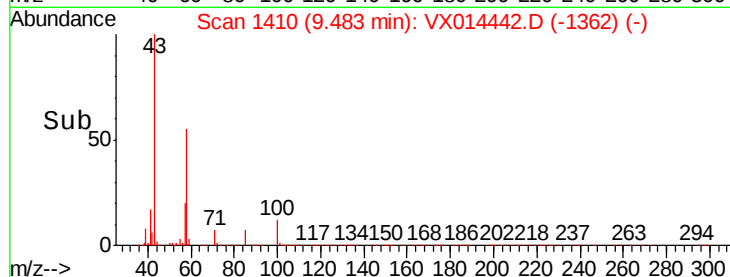
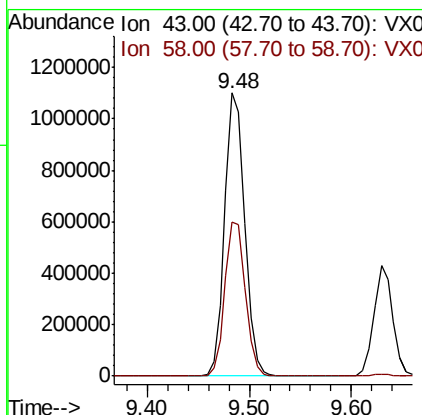
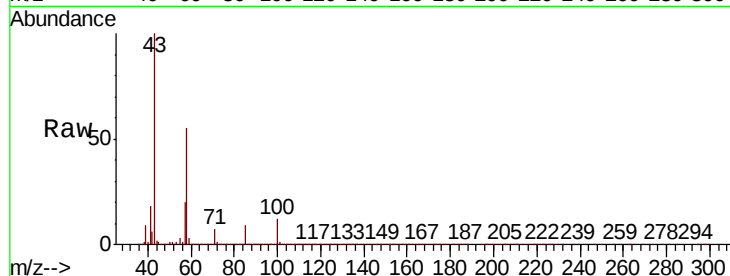




#59
2-Hexanone
Concen: 238.174 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

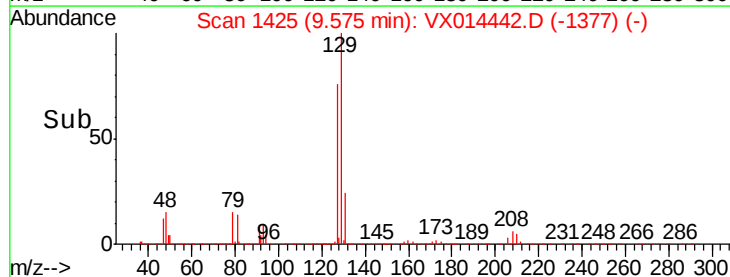
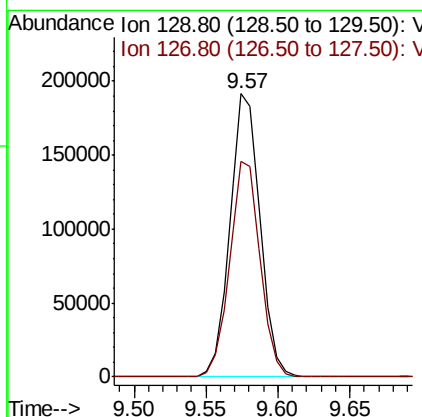
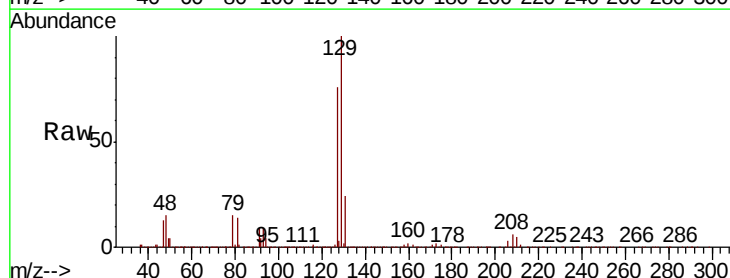
Instrument :
MSVOA_X
ClientSampleId :

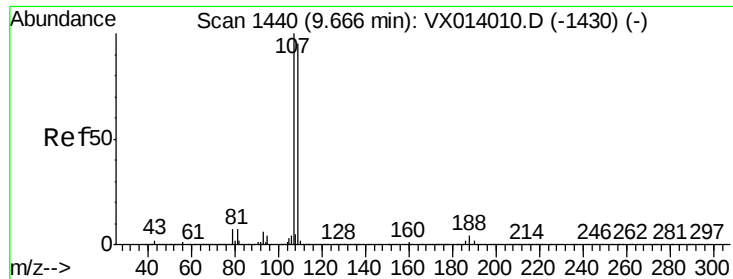
Tot Ion: 43 Resp: 1503805
Ion Ratio Lower Upper
43 100
58 55.9 28.0 84.0



#60
Dibromochloromethane
Concen: 52.822 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Tgt Ion: 129 Resp: 279678
Ion Ratio Lower Upper
129 100
127 77.0 38.4 115.2





#61

1,2-Dibromoethane

Concen: 49.738 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

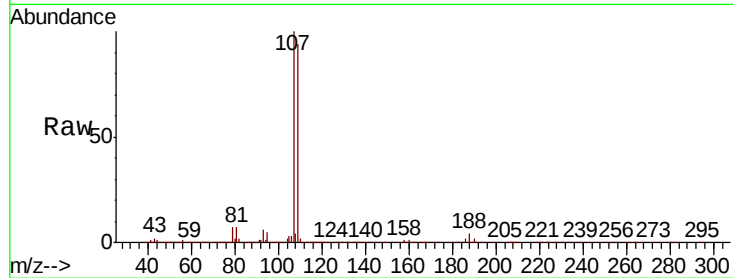
ClientSampleId :

Tot Ion:107 Resp: 271073

Ion Ratio Lower Upper

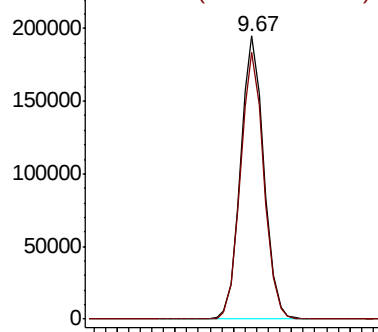
107 100

109 94.3 75.7 113.5

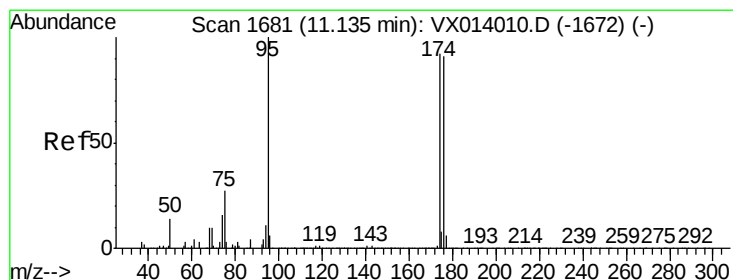
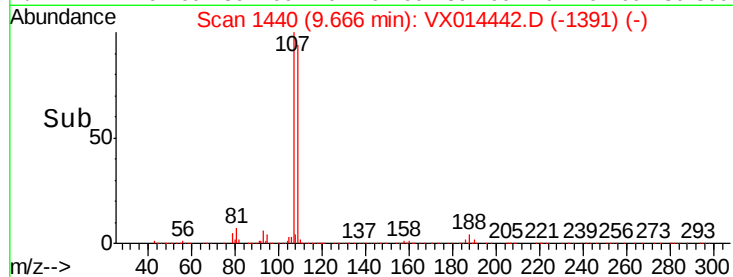


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 50.460 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

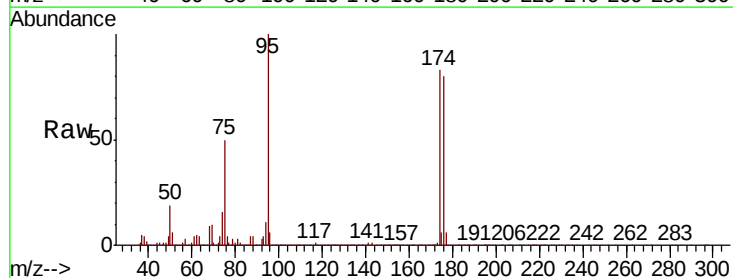
Tgt Ion: 95 Resp: 325127

Ion Ratio Lower Upper

95 100

174 91.3 0.0 175.8

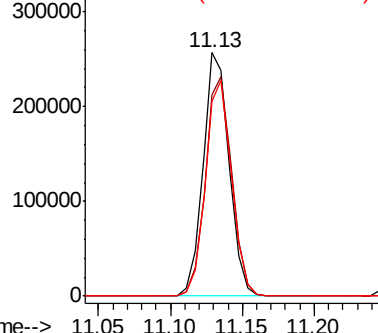
176 88.7 0.0 173.0



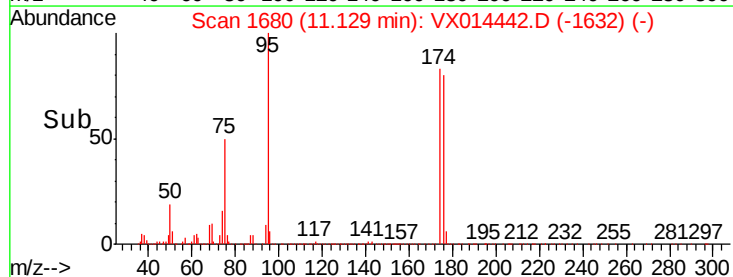
Abundance Ion 94.90 (94.60 to 95.60): VX0

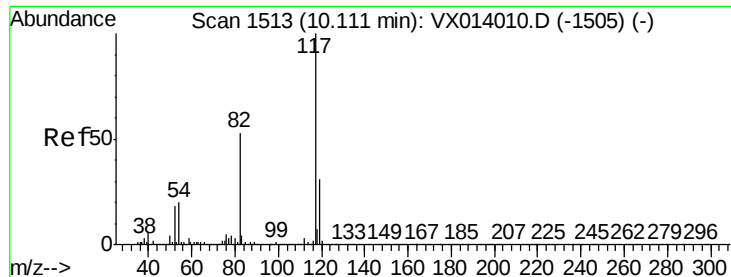
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

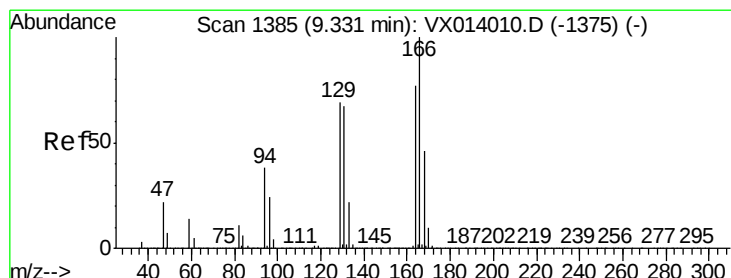
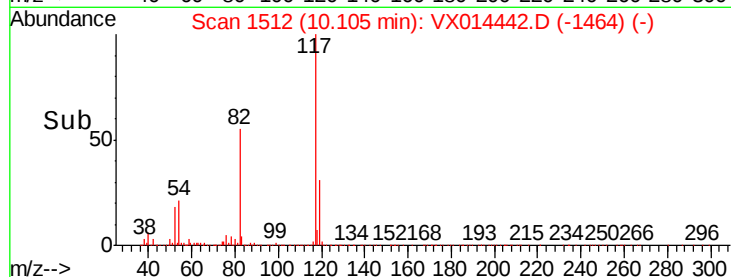
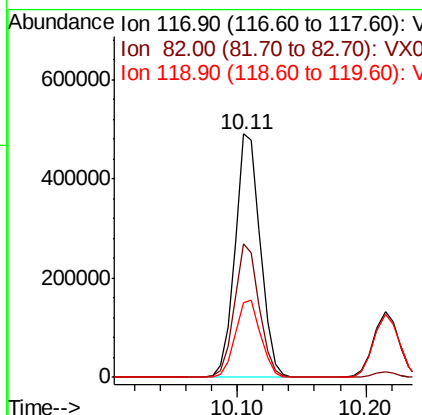
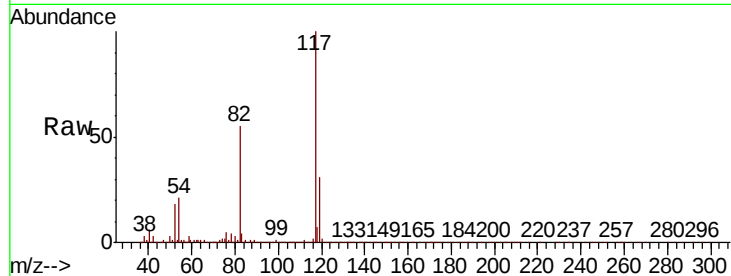




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

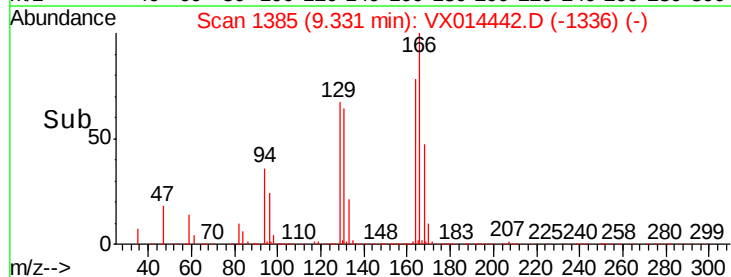
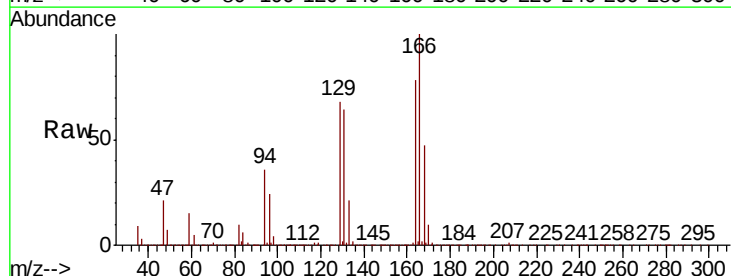
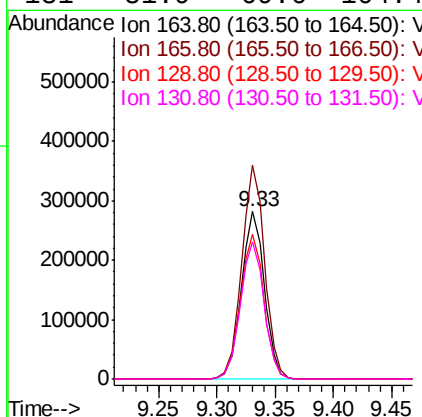
Instrument :
MSVOA_X
ClientSampleId :

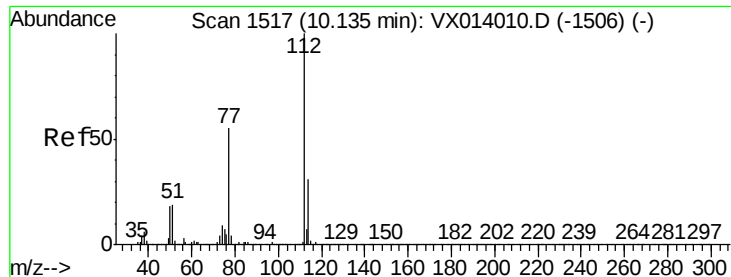
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	42.2	63.4
119	30.6	25.1	37.7



#64
Tetrachloroethene
Concen: 66.167 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.8	104.0	156.0
129	86.2	72.2	108.4
131	81.9	69.6	104.4

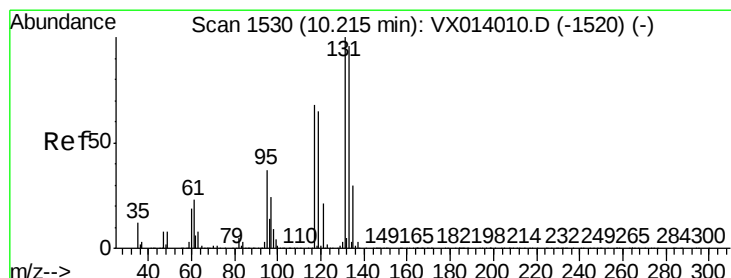
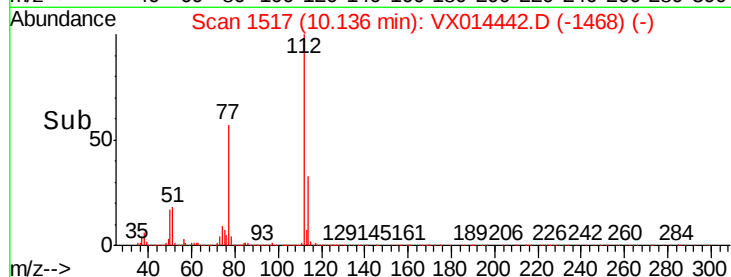
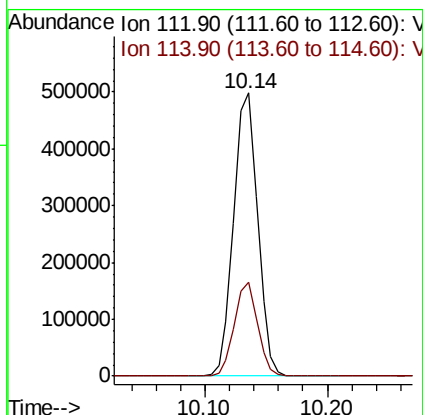
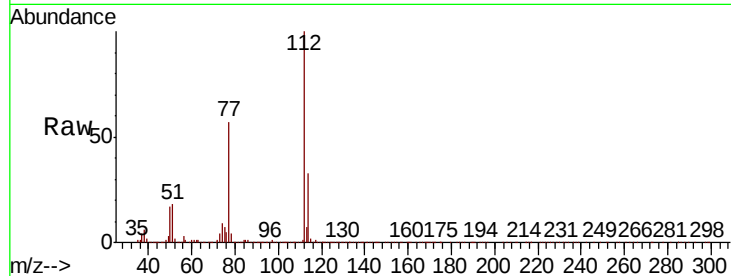




#65
Chlorobenzene
Concen: 47.759 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

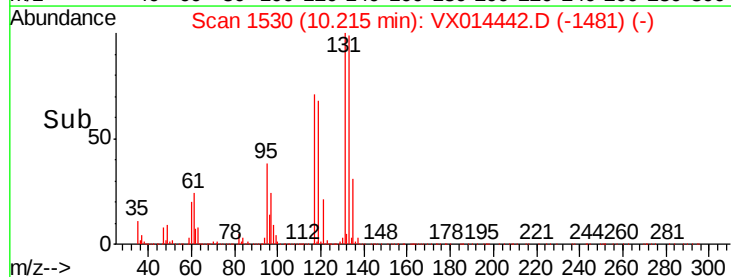
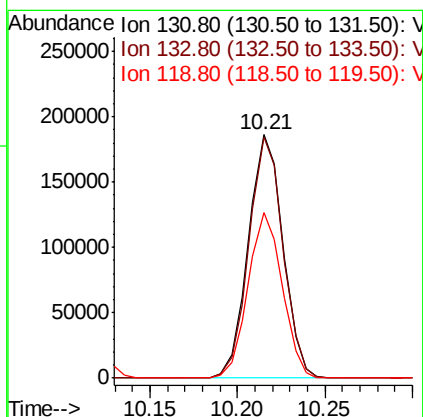
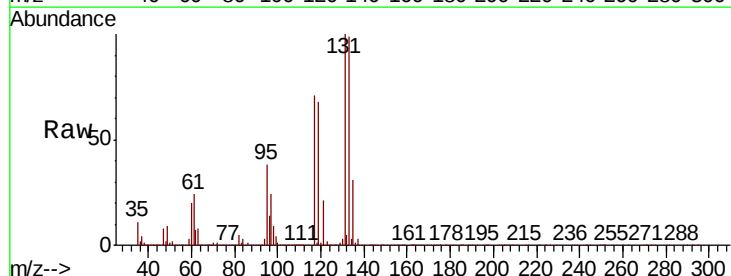
Instrument :
MSVOA_X
ClientSampled :

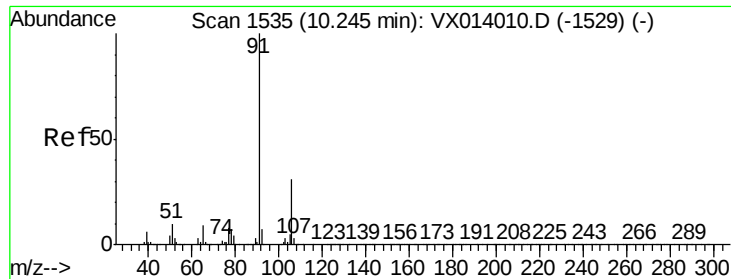
Tot Ion:112 Resp: 675994
Ion Ratio Lower Upper
112 100
114 33.2 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.549 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Tgt Ion:131 Resp: 255470
Ion Ratio Lower Upper
131 100
133 97.9 48.0 144.0
119 67.5 33.4 100.2

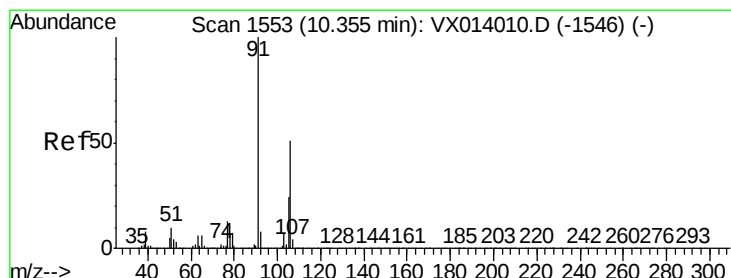
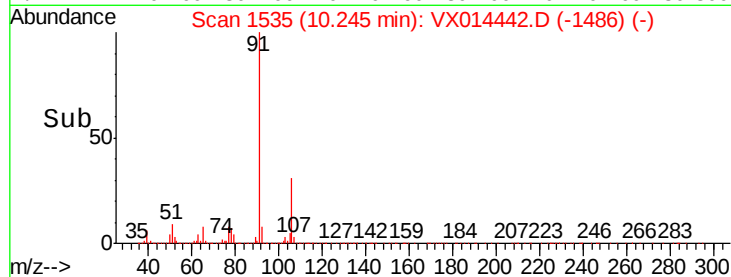
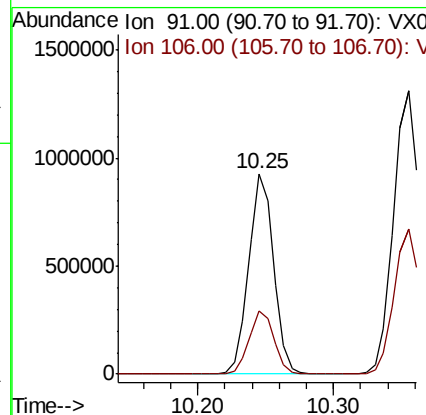
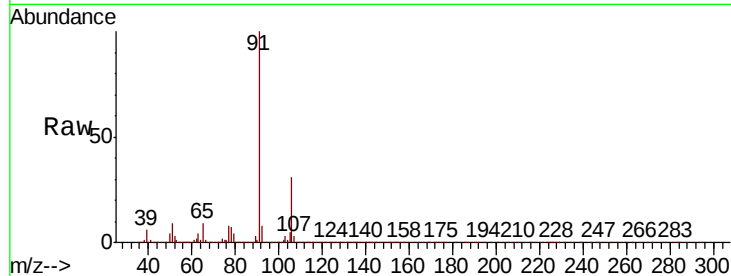




#67
Ethyl Benzene
Concen: 48.727 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

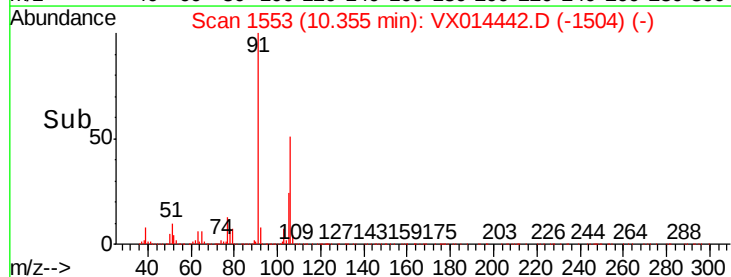
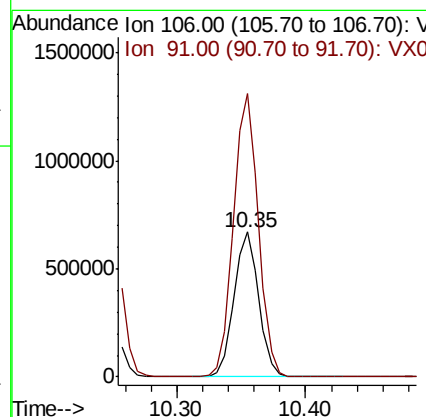
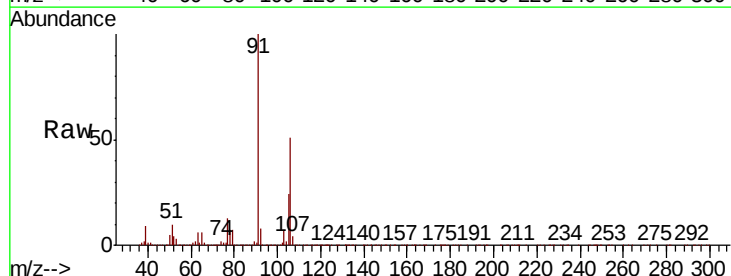
Instrument :
MSVOA_X
ClientSampled :

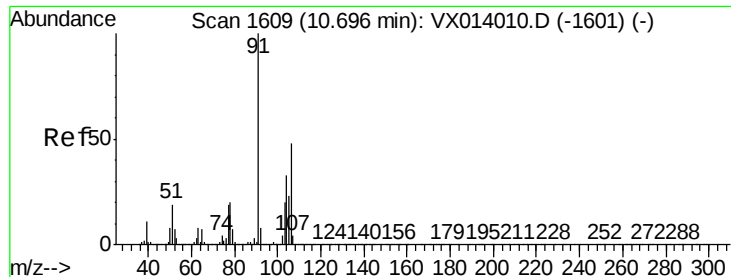
Tot Ion: 91 Resp: 1185767
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6



#68
m/p-Xylenes
Concen: 95.650 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Tgt Ion: 106 Resp: 895235
Ion Ratio Lower Upper
106 100
91 198.4 158.6 238.0

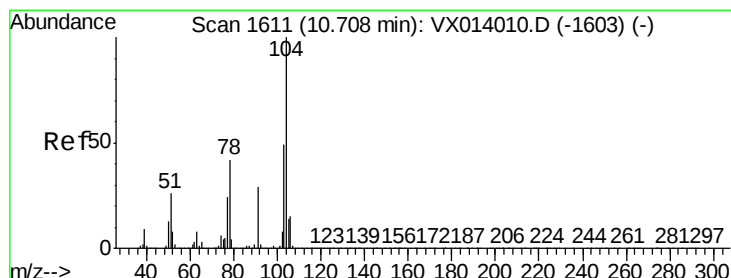
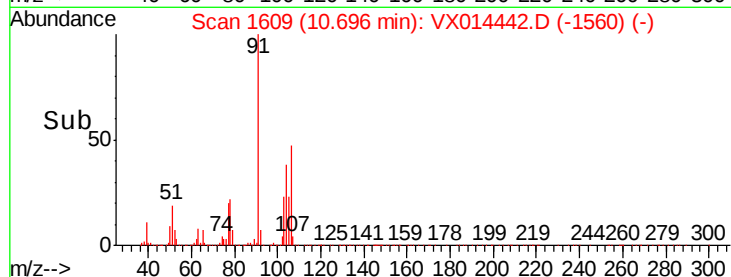
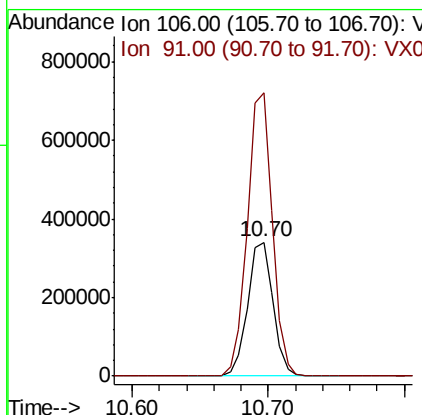
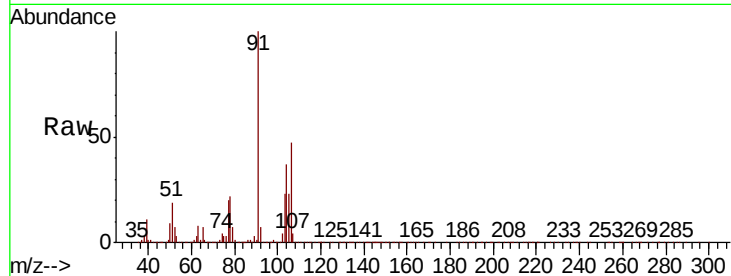




#69
o-Xylene
Concen: 48.241 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

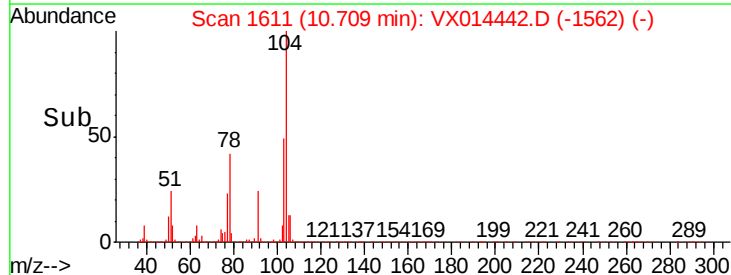
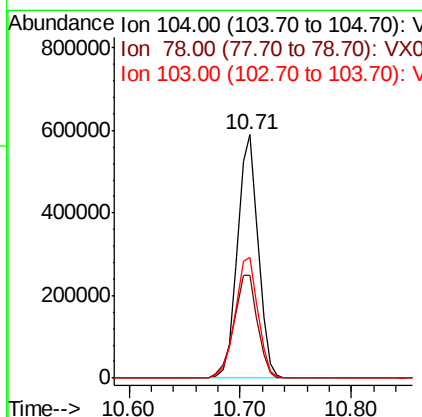
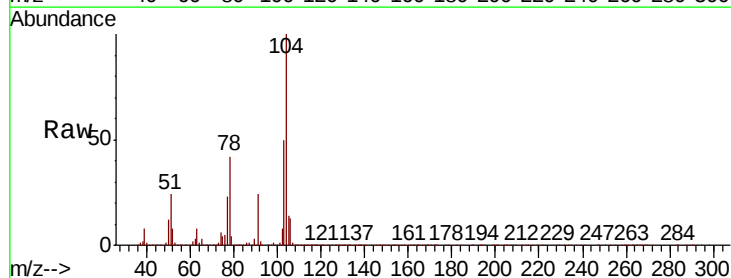
Instrument :
MSVOA_X
ClientSampleId :

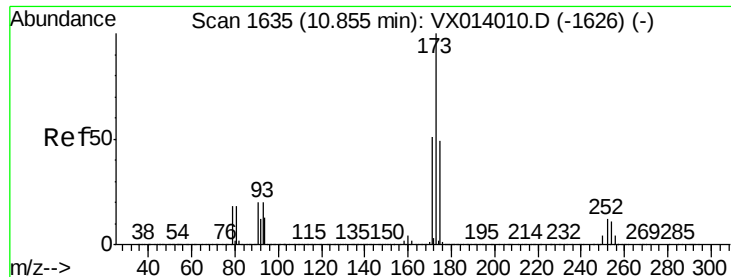
Tot Ion:106 Resp: 442823
Ion Ratio Lower Upper
106 100
91 209.8 104.2 312.6



#70
Styrene
Concen: 48.705 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Tgt Ion:104 Resp: 755999
Ion Ratio Lower Upper
104 100
78 48.4 38.5 57.7
103 54.7 42.9 64.3





#71

Bromoform

Concen: 53.704 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

ClientSampleId :

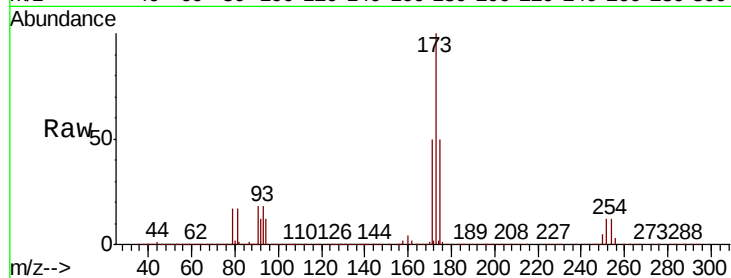
Tot Ion:173 Resp: 218173

Ion Ratio Lower Upper

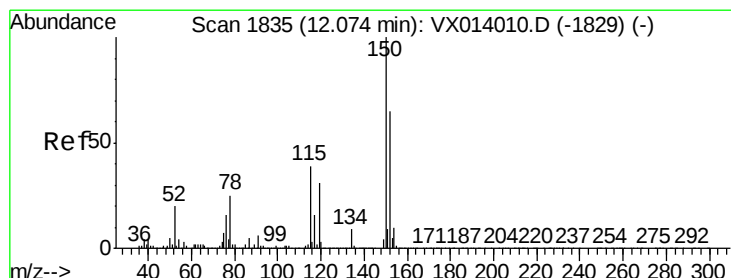
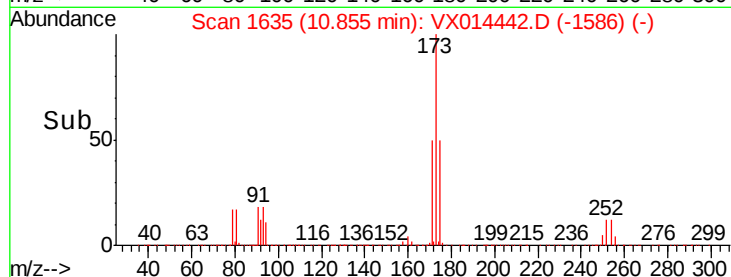
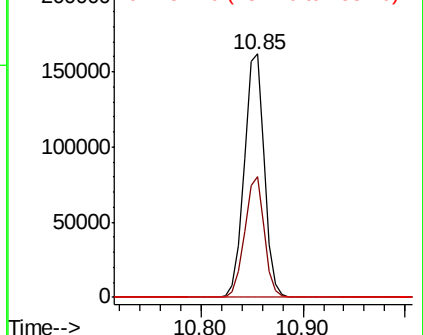
173 100

175 49.0 24.4 73.4

254 0.2 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: VX014442.D

Acq: 06 Jan 2020 20:58

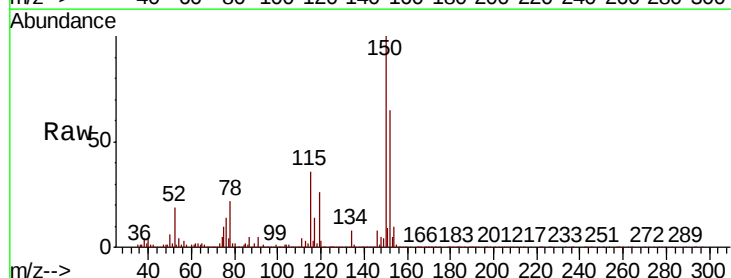
Tgt Ion:152 Resp: 341711

Ion Ratio Lower Upper

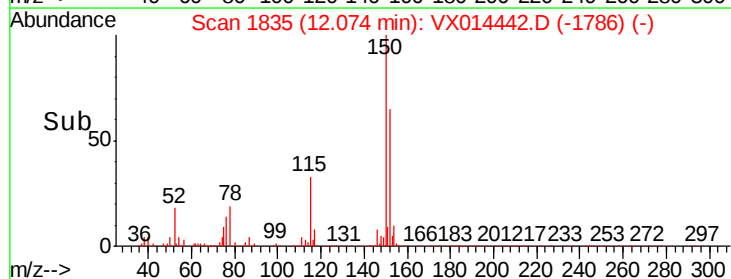
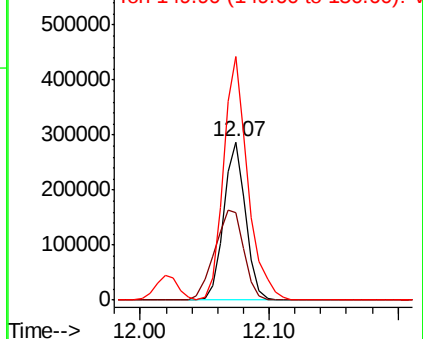
152 100

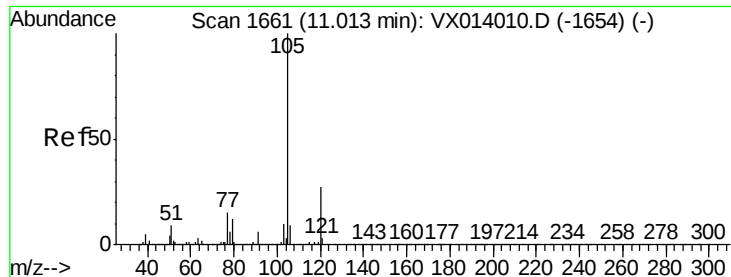
115 75.8 38.3 114.9

150 171.2 0.0 345.4



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: 48.776 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

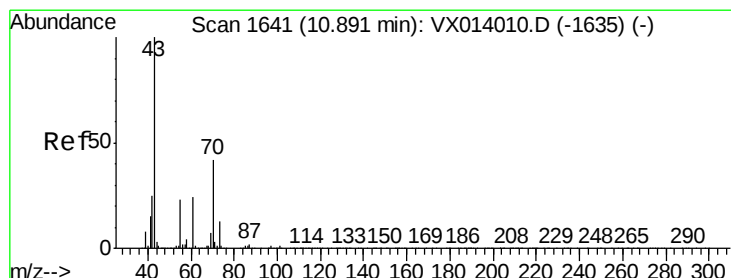
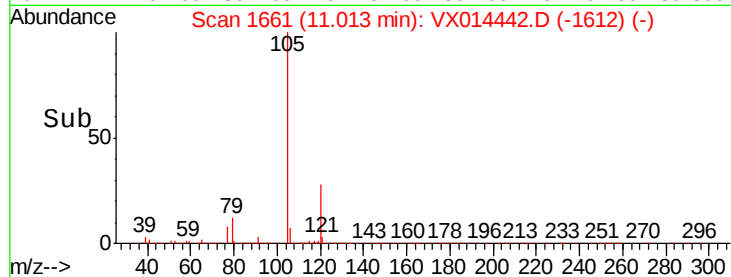
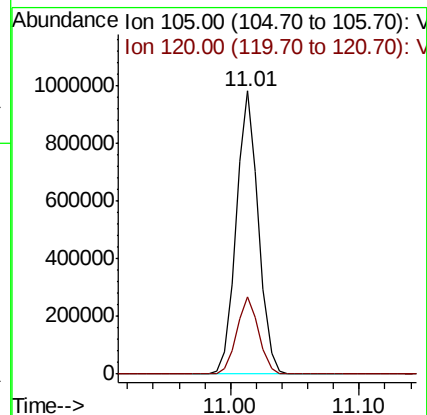
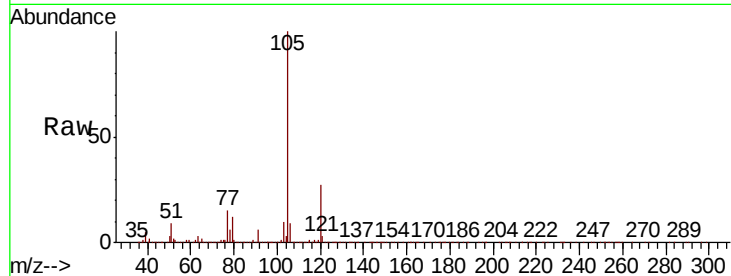
ClientSampled :

Tot Ion:105 Resp: 1173497

Ion Ratio Lower Upper

105 100

120 27.4 13.5 40.4



#74

N-ethyl acetate

Concen: 49.184 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Tgt Ion: 43 Resp: 554674

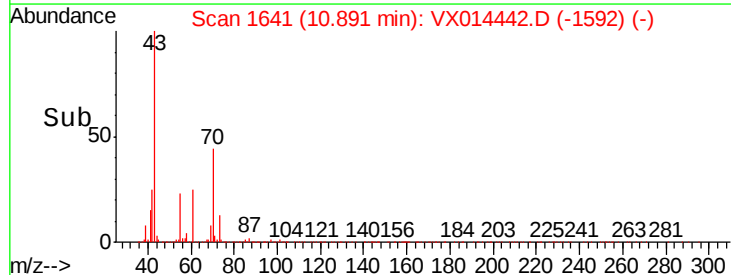
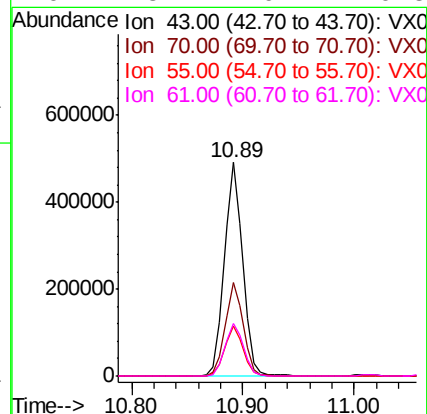
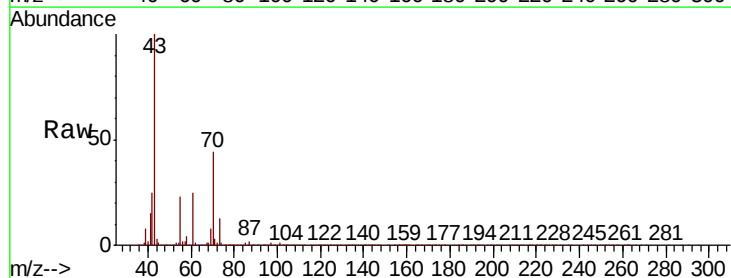
Ion Ratio Lower Upper

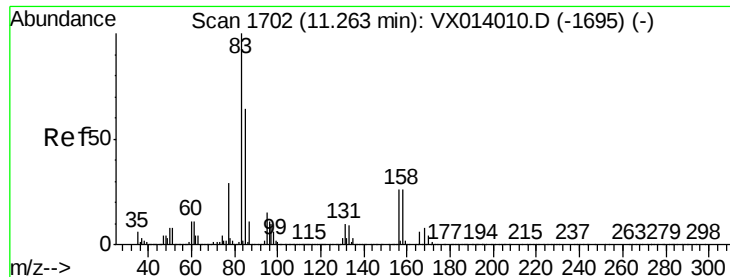
43 100

70 43.5 34.4 51.6

55 23.7 19.1 28.7

61 25.2 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 44.336 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

ClientSampleId :

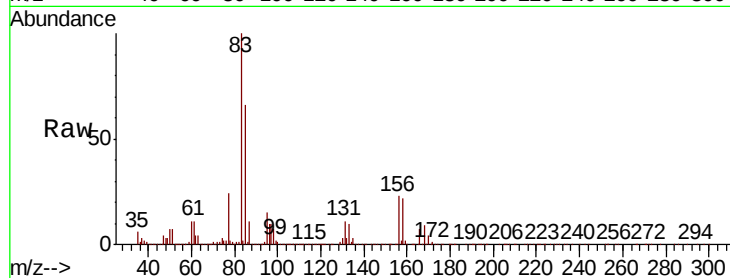
Tot Ion: 83 Resp: 369809

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.2

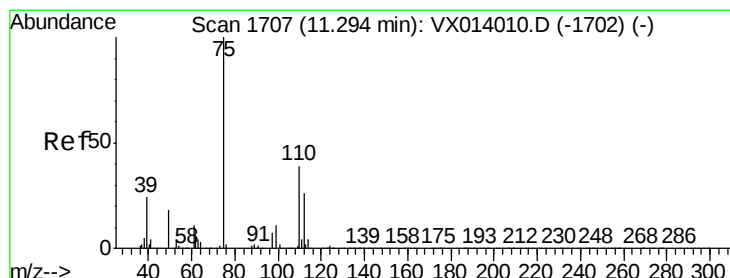
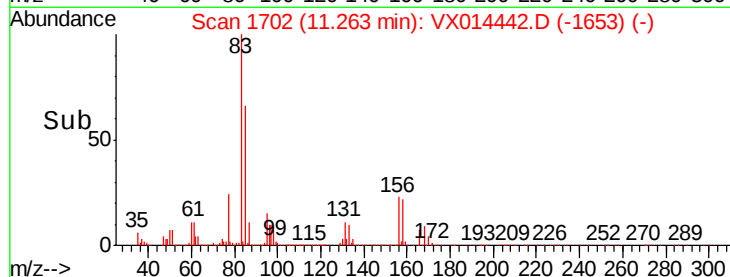
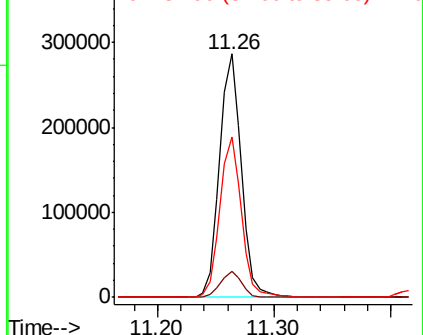
85 65.0 31.9 95.7



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: 63.669 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014442.D

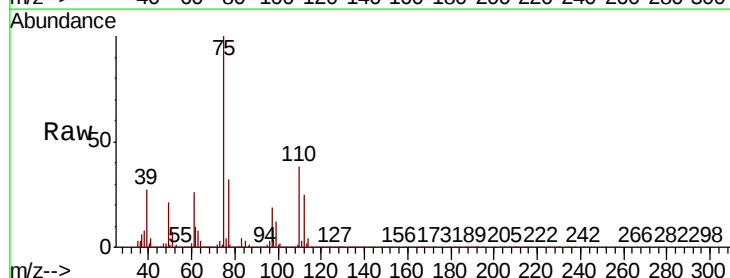
Acq: 06 Jan 2020 20:58

Tgt Ion: 75 Resp: 472328

Ion Ratio Lower Upper

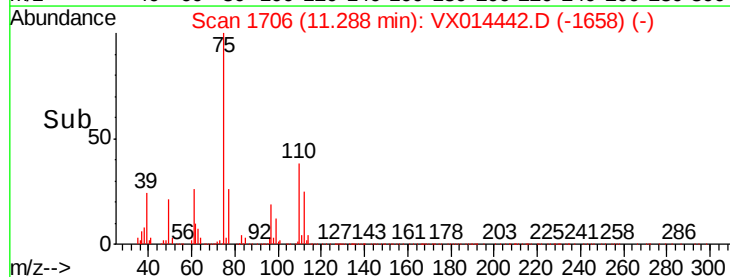
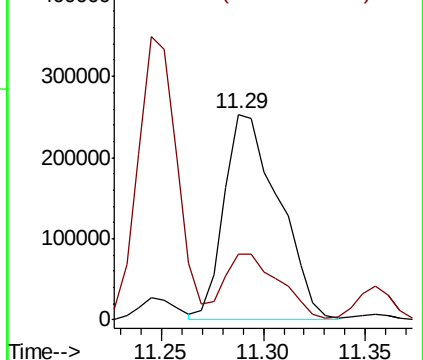
75 100

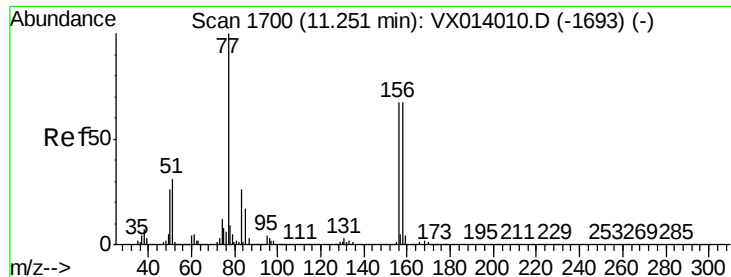
77 32.6 19.3 57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.315 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

ClientSampleId :

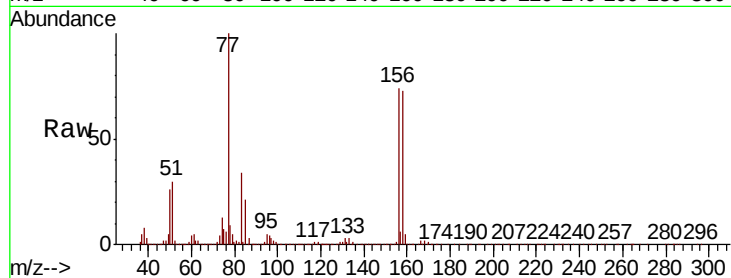
Tot Ion:156 Resp: 313200

Ion Ratio Lower Upper

156 100

77 146.8 76.5 229.5

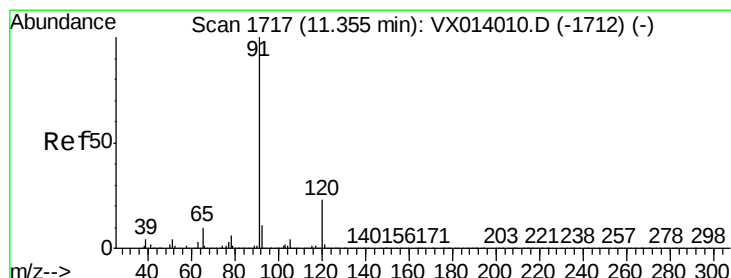
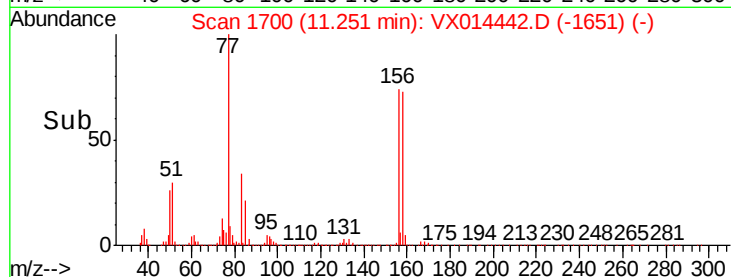
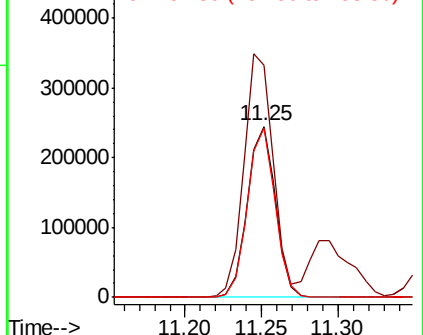
158 97.5 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.629 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014442.D

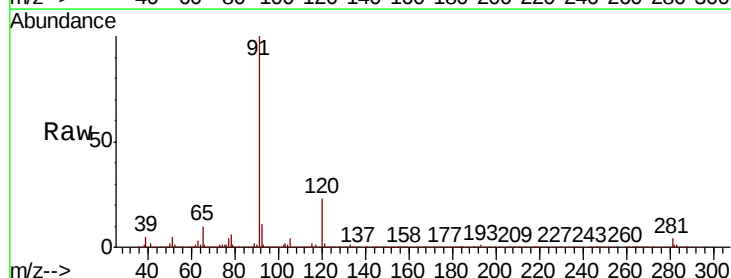
Acq: 06 Jan 2020 20:58

Tgt Ion: 91 Resp: 1312327

Ion Ratio Lower Upper

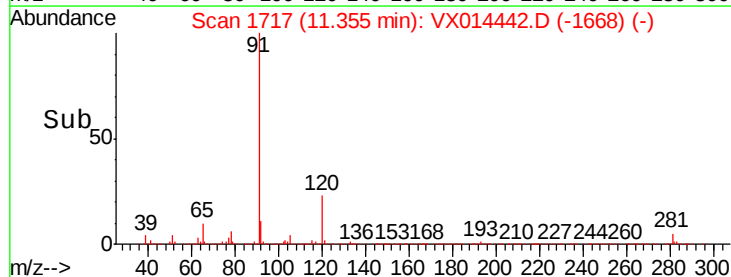
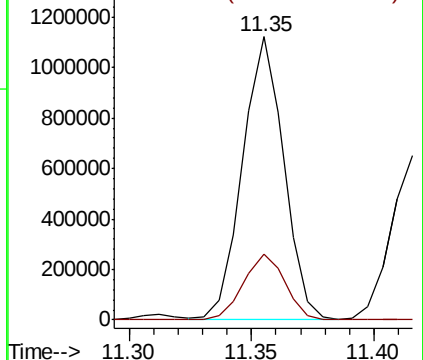
91 100

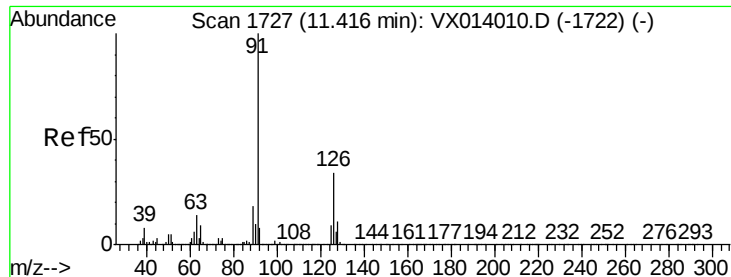
120 23.7 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

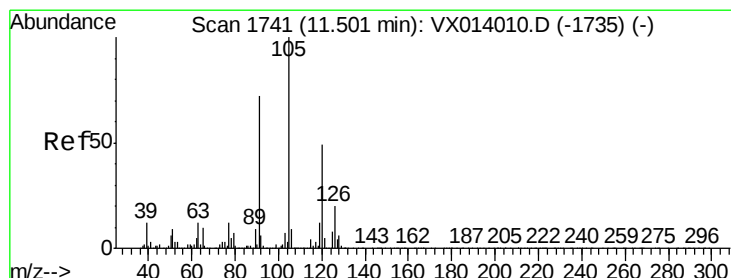
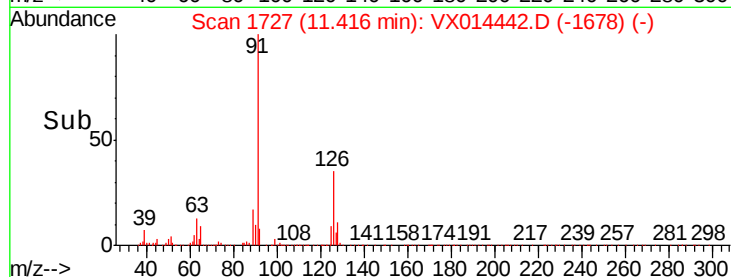
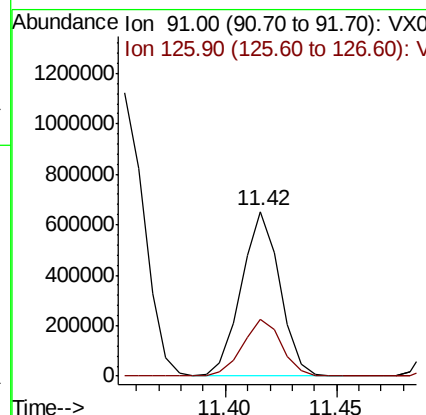
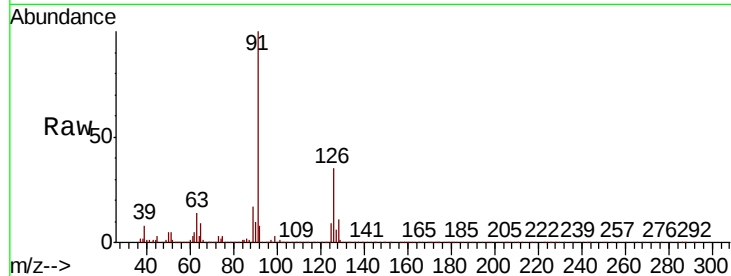




#79
 2-Chlorotoluene
 Concen: 47.828 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014442.D
 Acq: 06 Jan 2020 20:58

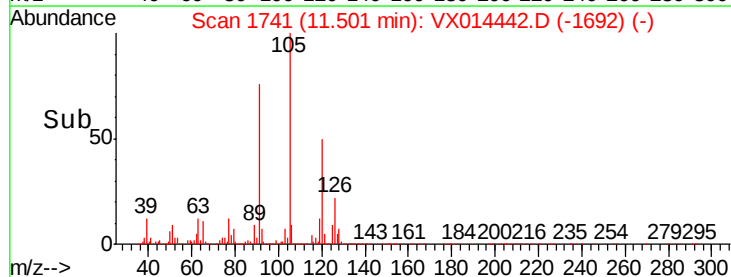
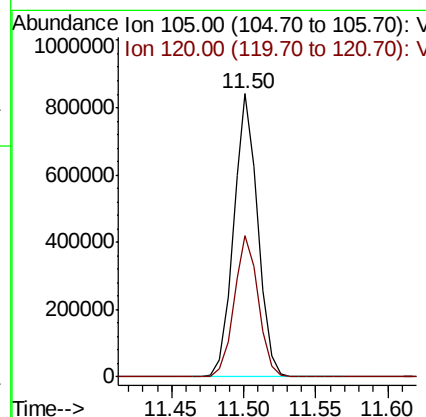
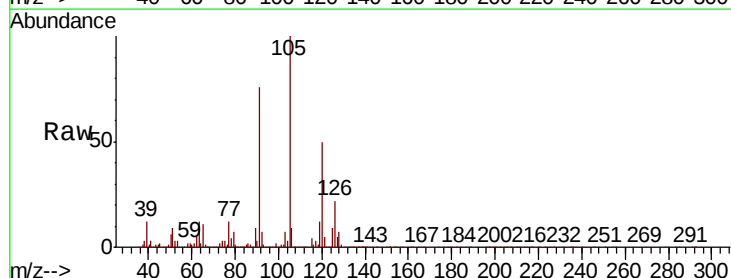
Instrument :
 MSVOA_X
 ClientSampleId :

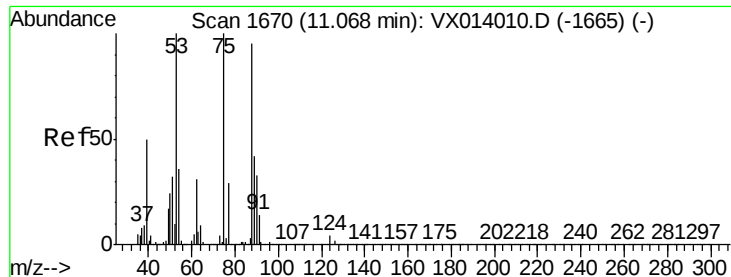
Tot Ion: 91 Resp: 784582
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.2 51.6



#80
 1,3,5-Trimethylbenzene
 Concen: 48.500 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014442.D
 Acq: 06 Jan 2020 20:58

Tgt Ion: 105 Resp: 982036
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.3 75.8

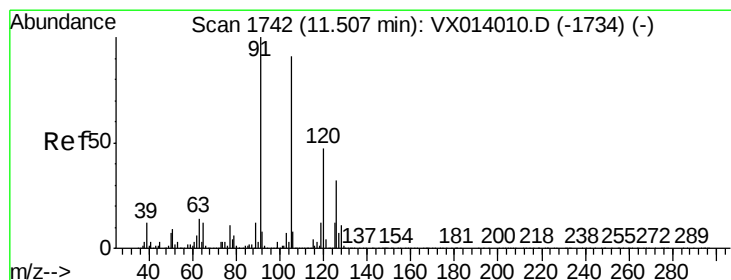
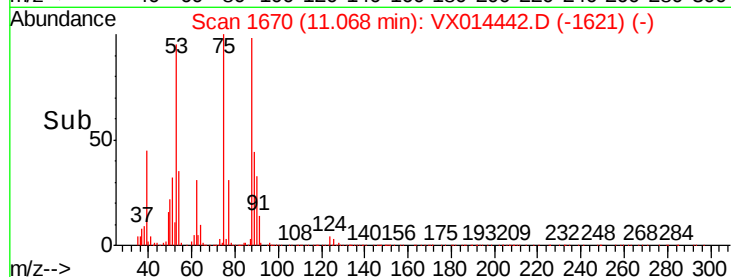
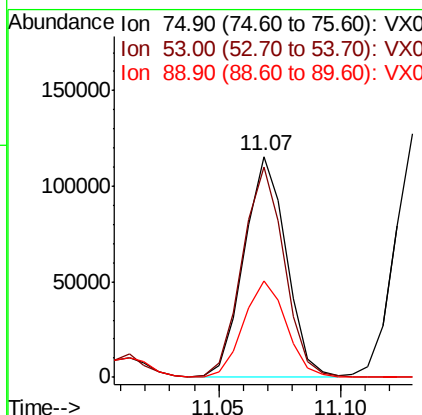
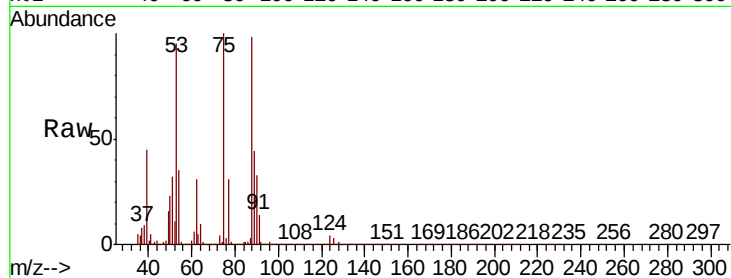




#81
trans-1,4-Dichloro-2-butene
Concen: 52.599 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

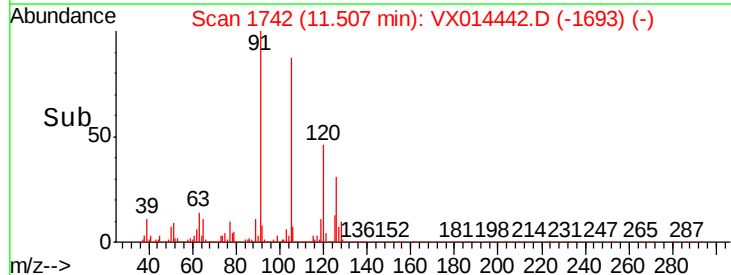
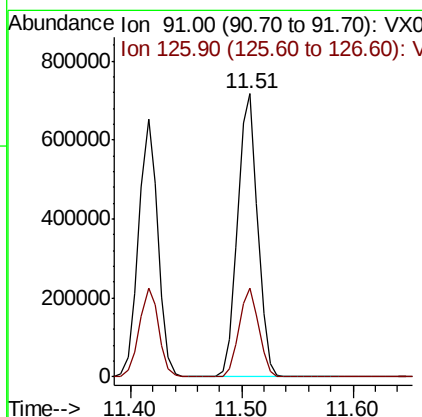
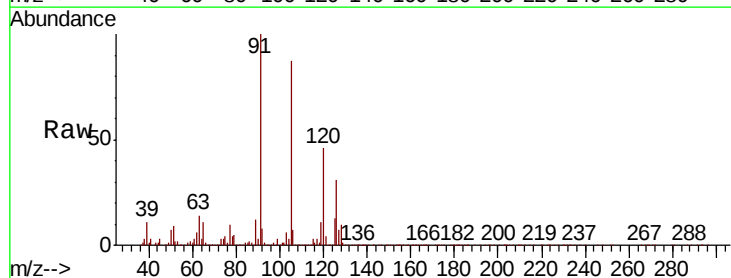
Instrument :
MSVOA_X
ClientSampleId :

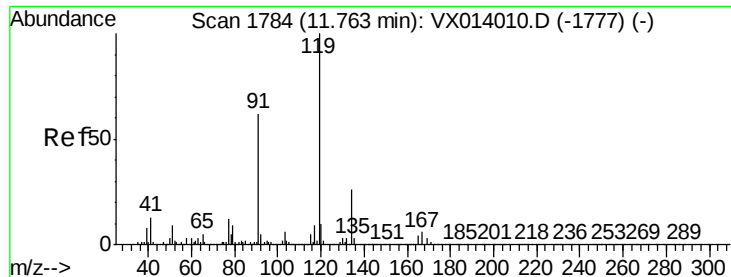
Tot Ion: 75 Resp: 138248
Ion Ratio Lower Upper
75 100
53 94.5 76.7 115.1
89 44.8 34.6 51.8



#82
4-Chlorotoluene
Concen: 47.029 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Tgt Ion: 91 Resp: 894897
Ion Ratio Lower Upper
91 100
126 30.9 15.6 46.8

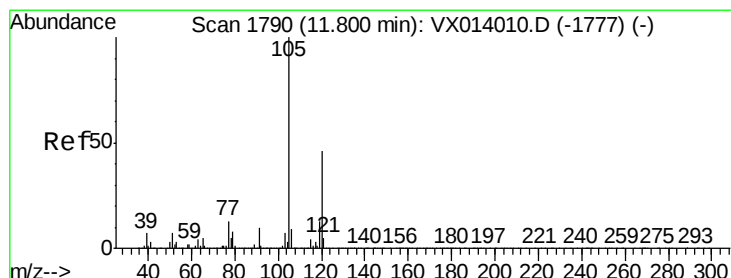
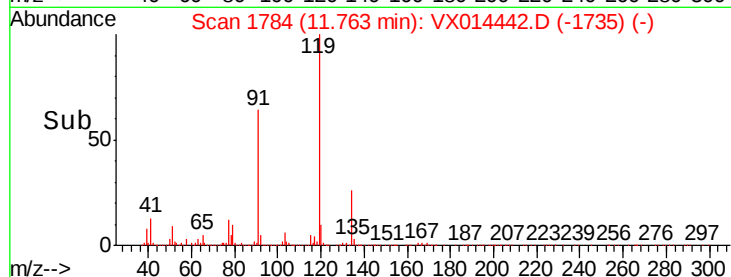
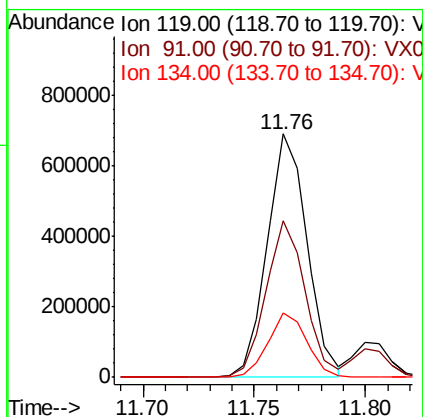
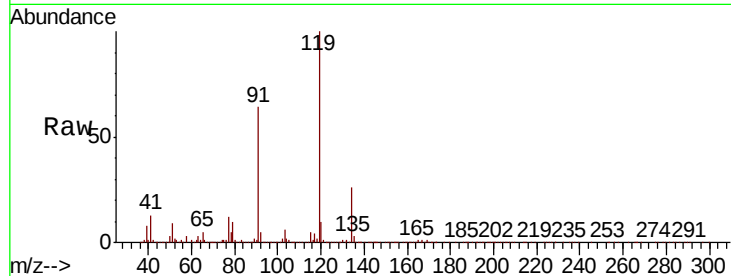




#83
tert-Butylbenzene
Concen: 43.610 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

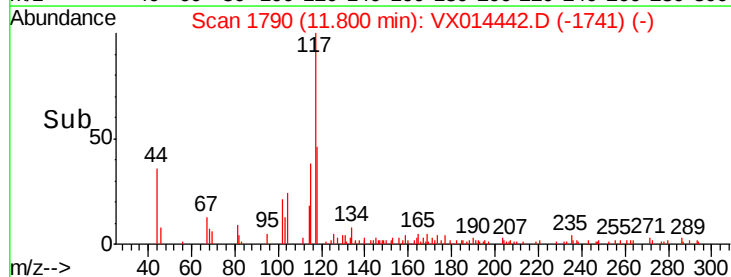
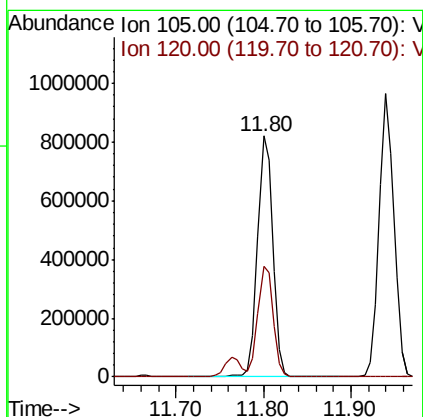
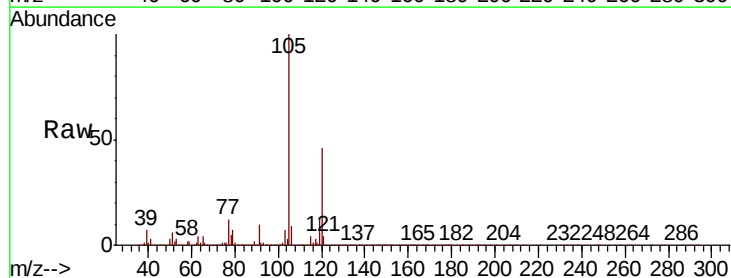
Instrument :
MSVOA_X
ClientSampleId :

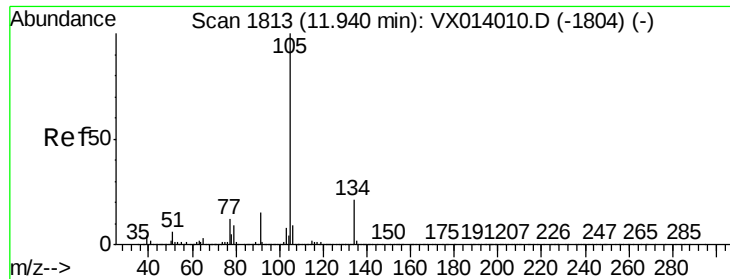
Tot Ion	Ratio	Lower	Upper
119	100		
91	63.6	28.5	85.6
134	26.0	12.2	36.6



#84
1,2,4-Trimethylbenzene
Concen: 48.678 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.1	69.2

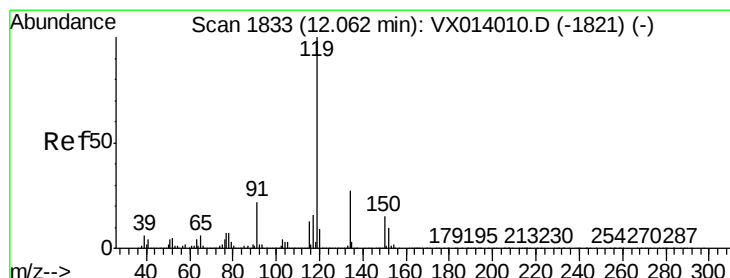
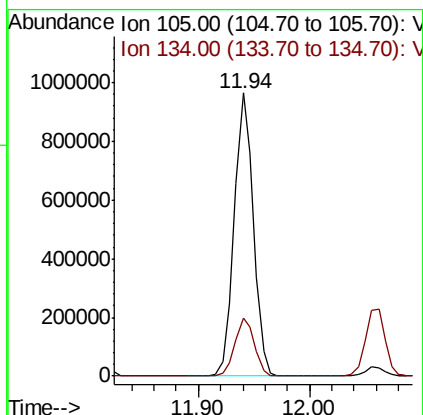
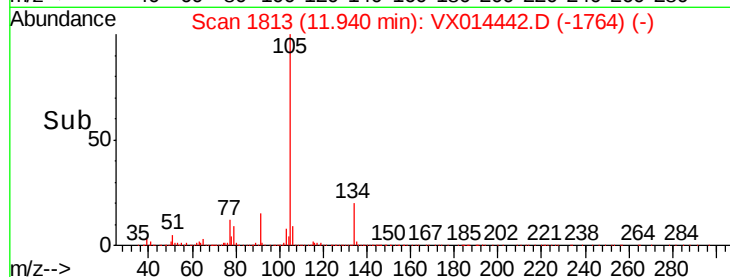
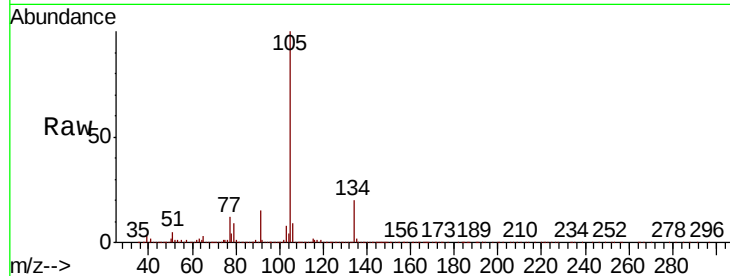




#85
 sec-Butylbenzene
 Concen: 49.017 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014442.D
 Acq: 06 Jan 2020 20:58

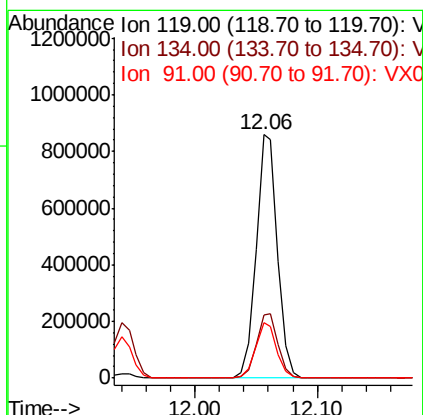
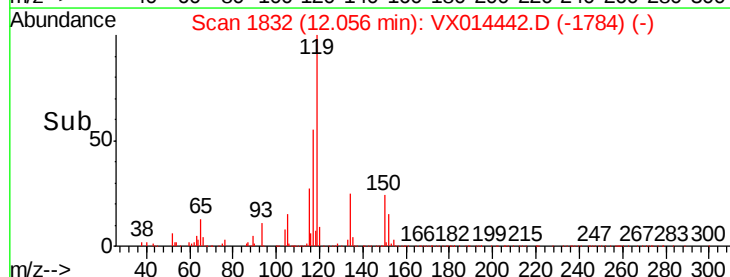
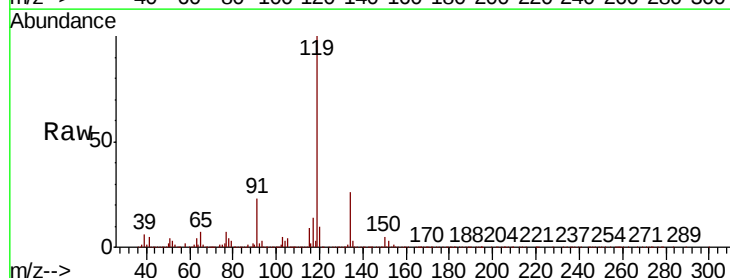
Instrument :
 MSVOA_X
 ClientSampleId :

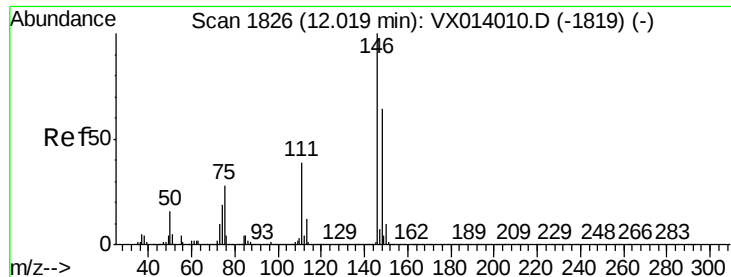
Tot Ion:105 Resp: 1140230
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 49.061 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014442.D
 Acq: 06 Jan 2020 20:58

Tgt Ion:119 Resp: 1043950
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.1
 91 22.5 11.4 34.1

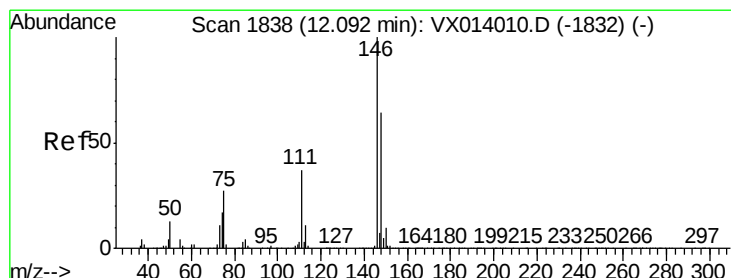
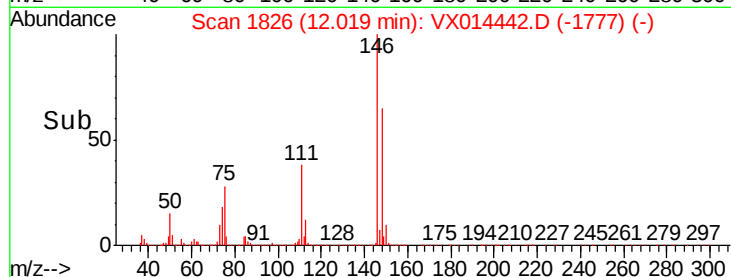
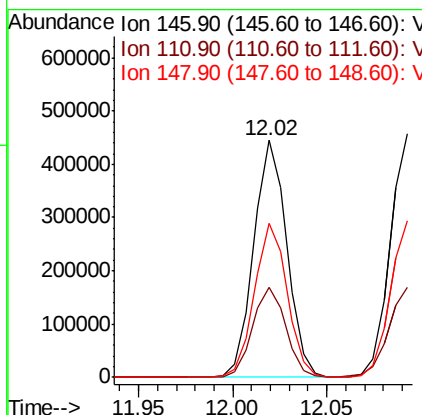
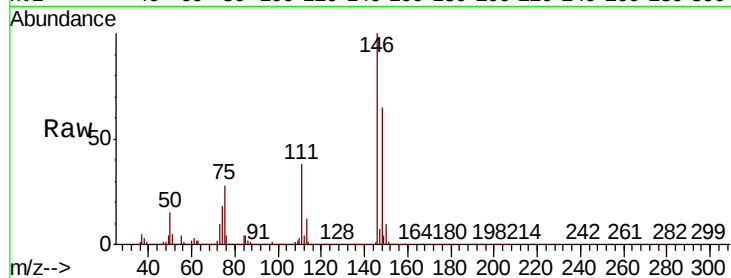




#87
 1,3-Dichlorobenzene
 Concen: 46.717 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014442.D
 Acq: 06 Jan 2020 20:58

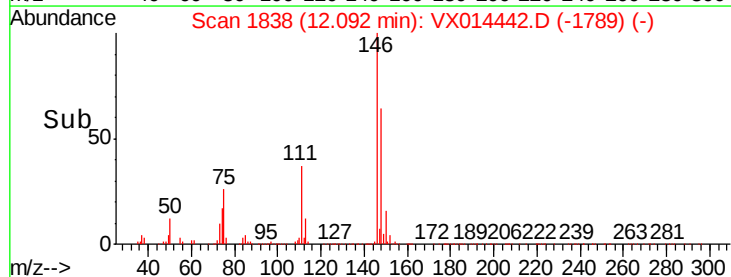
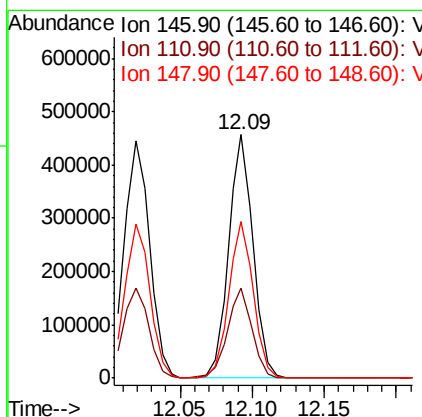
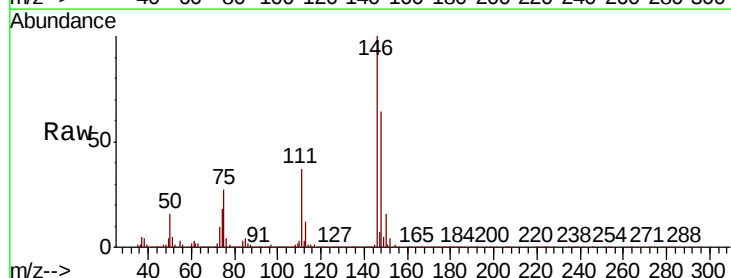
Instrument :
 MSVOA_X
 ClientSampleId :

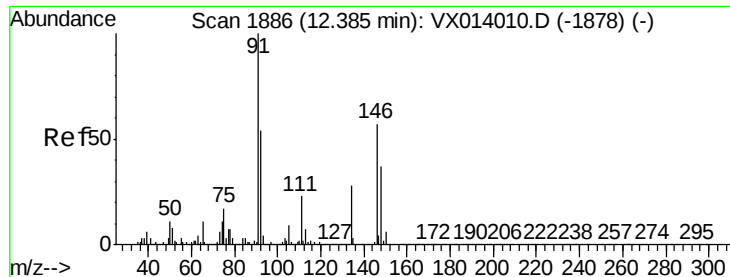
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.1
148	64.3	32.3	96.9



#88
 1,4-Dichlorobenzene
 Concen: 45.999 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014442.D
 Acq: 06 Jan 2020 20:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.7	56.1
148	64.4	31.9	95.9





#89

n-Butylbenzene

Concen: 49.572 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

ClientSampleId :

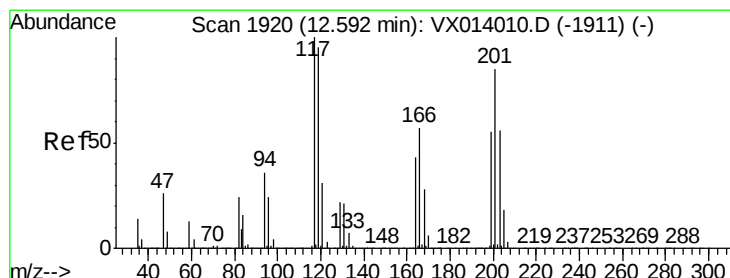
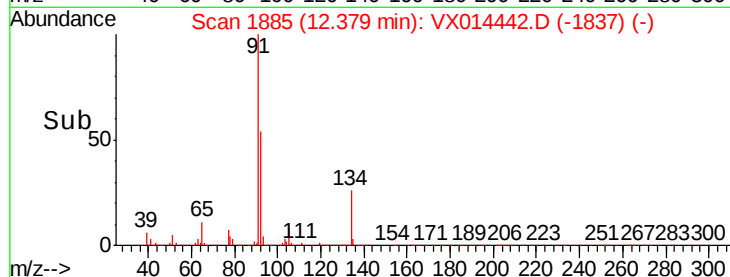
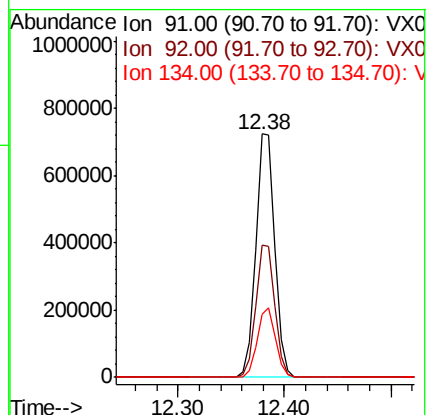
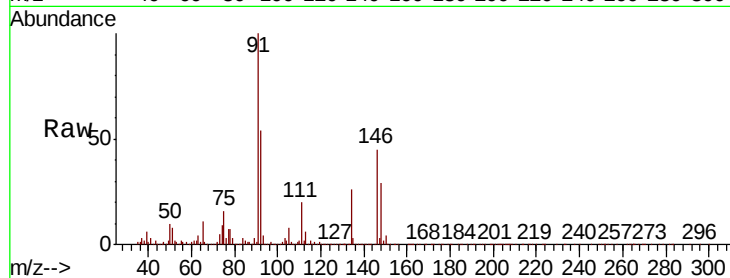
Tot Ion: 91 Resp: 900053

Ion Ratio Lower Upper

91 100

92 54.4 27.2 81.6

134 27.5 13.4 40.1



#90

Hexachloroethane

Concen: 49.174 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014442.D

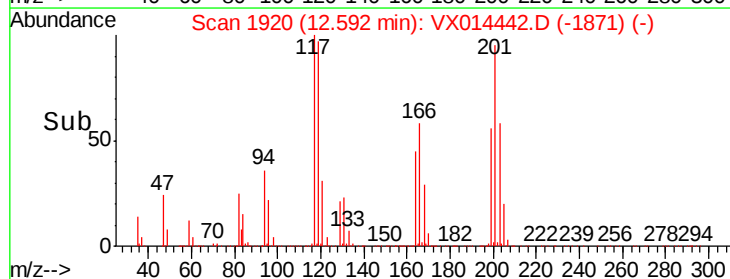
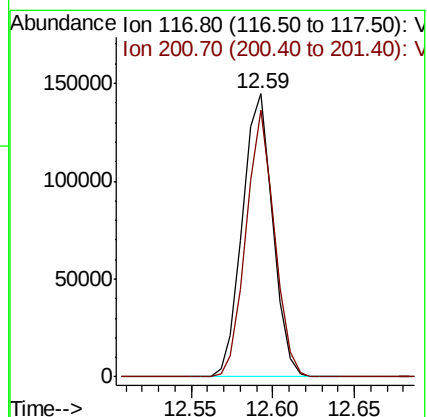
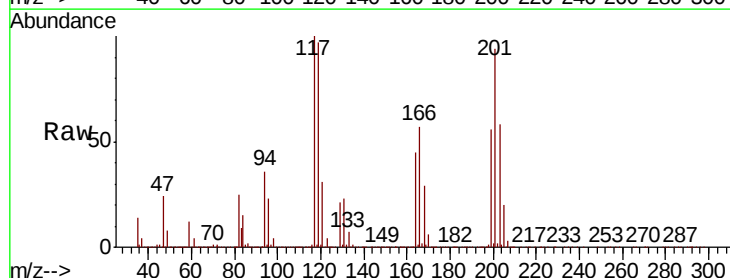
Acq: 06 Jan 2020 20:58

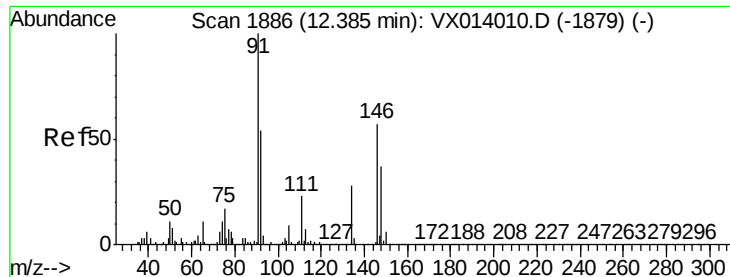
Tgt Ion: 117 Resp: 187944

Ion Ratio Lower Upper

117 100

201 88.3 43.1 129.3

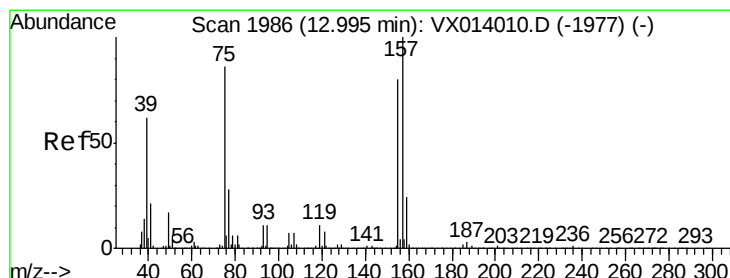
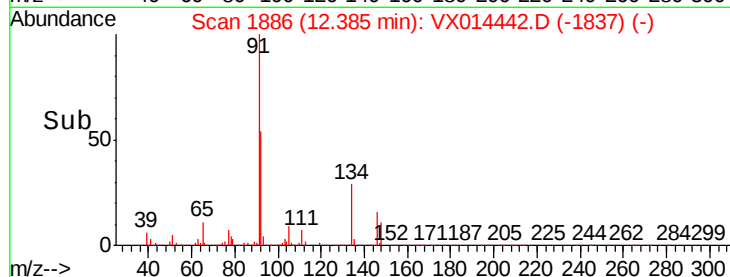
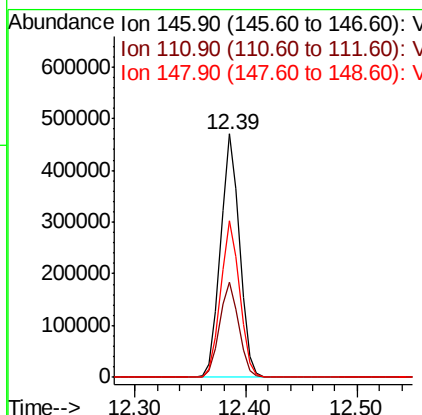
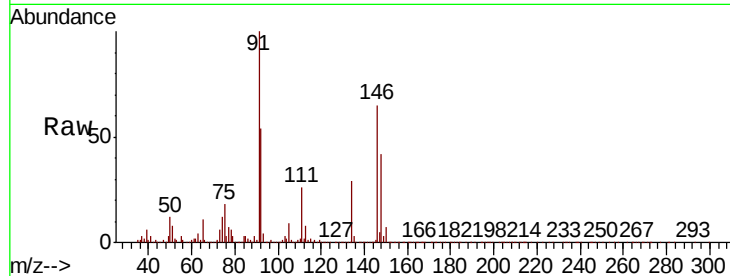




#91
 1,2-Dichlorobenzene
 Concen: 47.565 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014442.D
 Acq: 06 Jan 2020 20:58

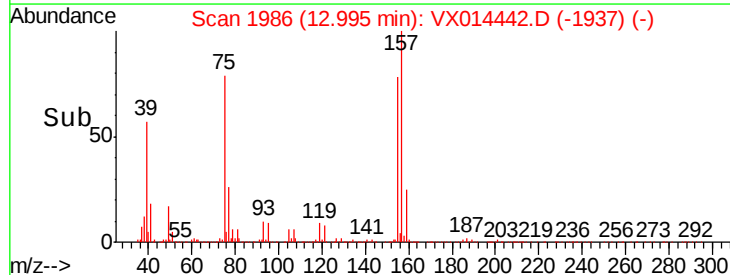
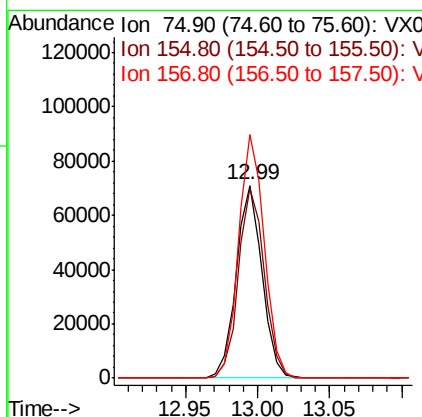
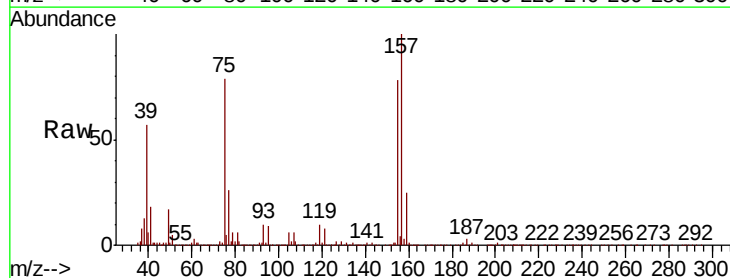
Instrument :
 MSVOA_X
 ClientSampleId :

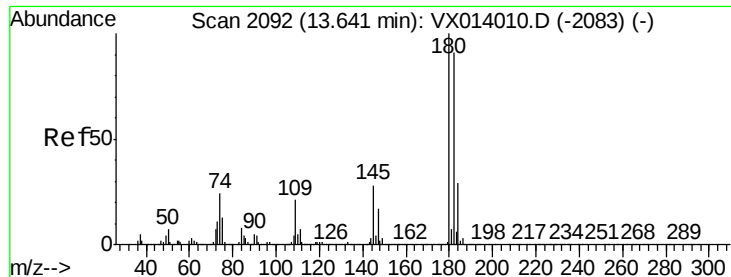
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.7	59.1
148	64.2	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.740 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014442.D
 Acq: 06 Jan 2020 20:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.5	46.9	140.6
157	126.3	60.8	182.4

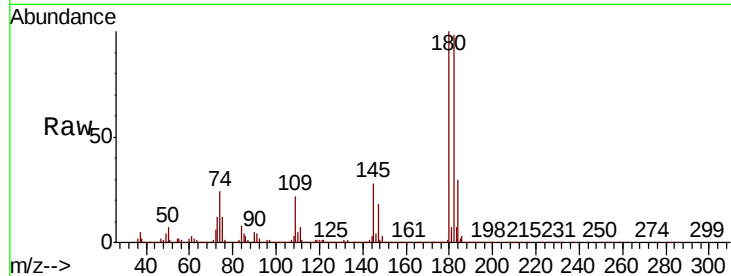




#93
 1,2,4-Trichlorobenzene
 Concen: 50.343 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014442.D
 Acq: 06 Jan 2020 20:58

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	46.6	139.8
145	28.3	14.2	42.6

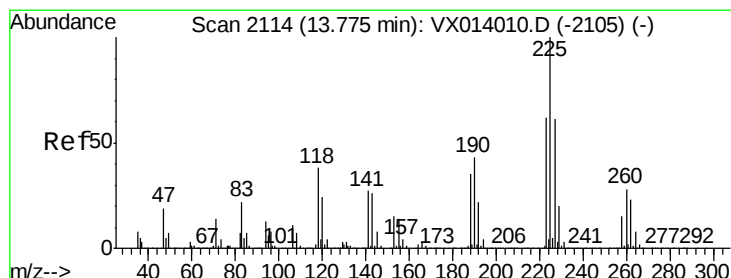
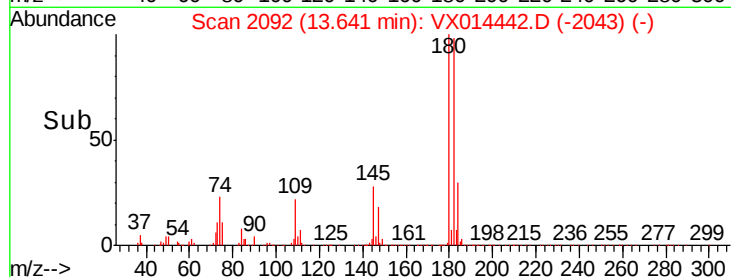
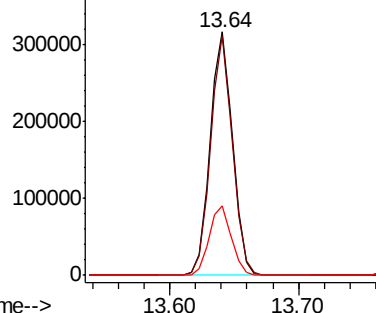


Abundance

Ion 179.80 (179.50 to 180.50): V

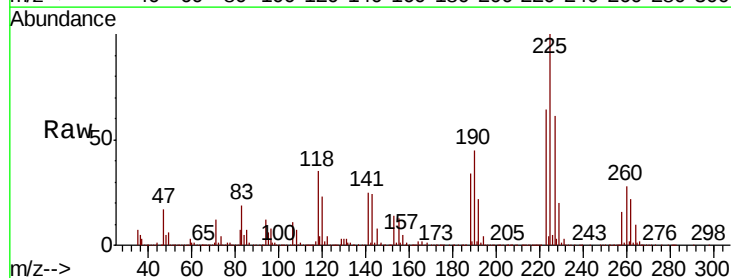
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 49.063 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014442.D
 Acq: 06 Jan 2020 20:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	30.9	92.5
227	62.6	30.9	92.7

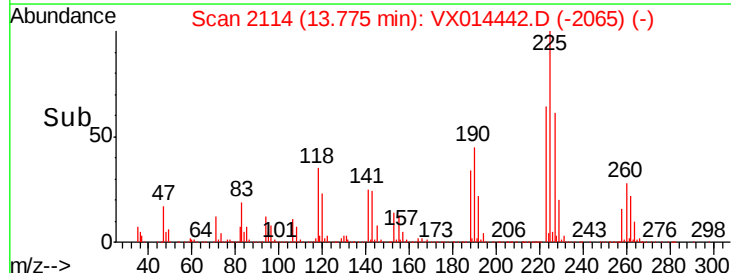
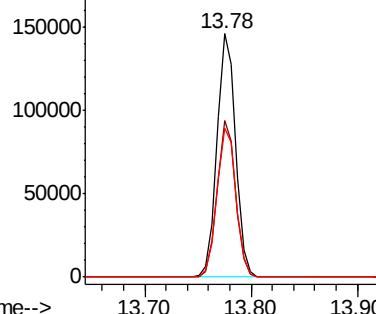


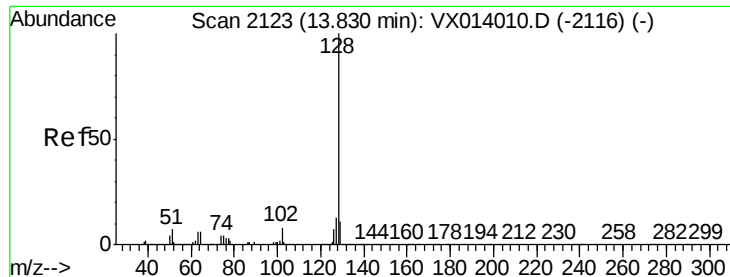
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 54.278 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

ClientSampleId :

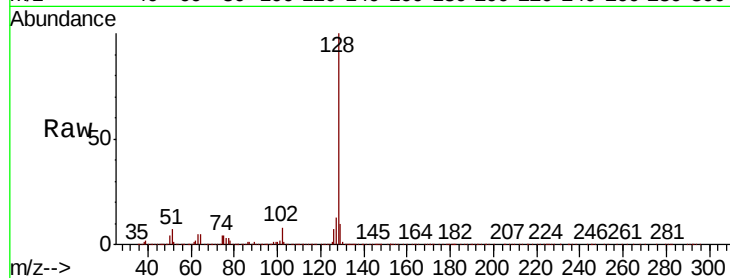
Tot Ion:128 Resp: 1210502

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

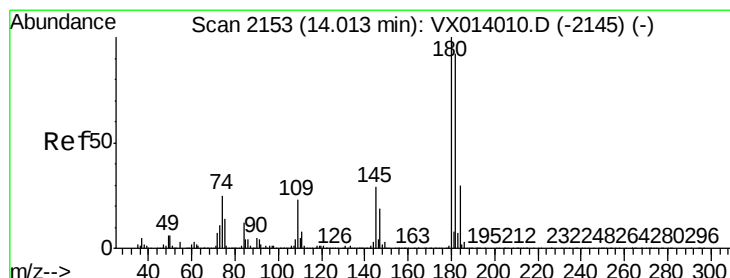
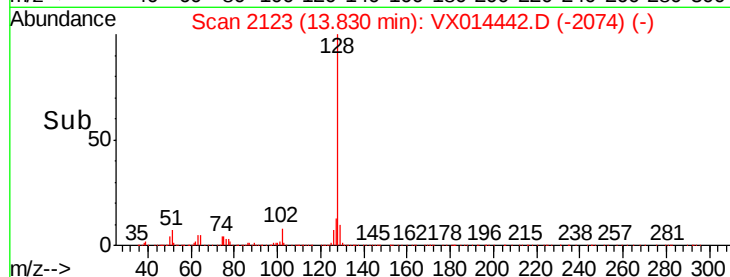
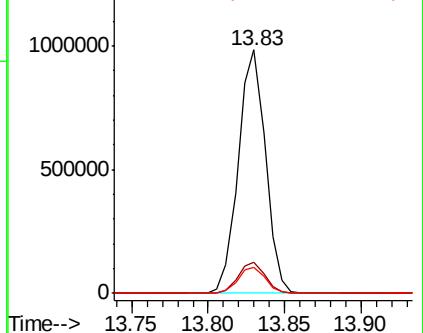
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.976 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

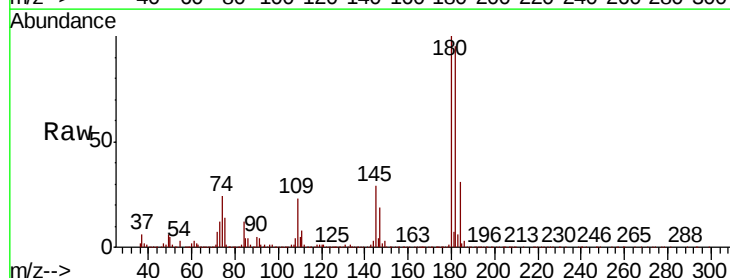
Tgt Ion:180 Resp: 389458

Ion Ratio Lower Upper

180 100

182 94.8 46.8 140.3

145 29.6 14.8 44.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

