

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010320\
 Data File : VX014398.D
 Acq On : 03 Jan 2020 14:17
 Operator : JC/SP
 Sample : VX0103WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 06 02:30:46 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	493172	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	747238	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	658934	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	321114	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	275748	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
35) Dibromofluoromethane	5.49	113	231073	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
50) Toluene-d8	8.71	98	884428	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
62) 4-Bromofluorobenzene	11.13	95	306716	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	69652	15.787	ug/l	98
3) Chloromethane	1.32	50	96294	16.263	ug/l	96
4) Vinyl Chloride	1.40	62	105875	16.946	ug/l	98
5) Bromomethane	1.63	94	73022	16.467	ug/l	100
6) Chloroethane	1.72	64	71964	18.663	ug/l	94
7) Trichlorofluoromethane	1.92	101	143830	18.597	ug/l	97
8) Diethyl Ether	2.18	74	67845	18.691	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	88161	18.910	ug/l	99
10) Methyl Iodide	2.50	142	93616	17.049	ug/l	99
11) Tert butyl alcohol	3.03	59	118400	98.034	ug/l	98
12) 1,1-Dichloroethene	2.37	96	86028	18.134	ug/l	99
13) Acrolein	2.28	56	51658	74.720	ug/l	100
14) Allyl chloride	2.72	41	157021	18.538	ug/l	99
15) Acrylonitrile	3.13	53	278998	98.972	ug/l	99
16) Acetone	2.43	43	250360	68.994	ug/l	97
17) Carbon Disulfide	2.56	76	199162	15.646	ug/l	99
18) Methyl Acetate	2.76	43	145511	20.237	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	310143	19.895	ug/l	96
20) Methylene Chloride	2.85	84	105248	18.418	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	92584	17.715	ug/l	99
22) Diisopropyl ether	3.84	45	333330	19.748	ug/l	96
23) Vinyl Acetate	3.80	43	1405739	102.055	ug/l	100
24) 1,1-Dichloroethane	3.69	63	177177	18.867	ug/l	99
25) 2-Butanone	4.66	43	384747	86.000	ug/l	99
26) 2,2-Dichloropropane	4.58	77	138945	19.056	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	111500	18.864	ug/l	99
28) Bromochloromethane	5.00	49	74581	20.917	ug/l	97
29) Tetrahydrofuran	5.11	42	249939	99.883	ug/l	100
30) Chloroform	5.20	83	173795	19.522	ug/l	100
31) Cyclohexane	5.58	56	153625	18.393	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	141979	18.713	ug/l	100
36) 1,1-Dichloropropene	5.79	75	125805	18.349	ug/l	99
37) Ethyl Acetate	4.82	43	154355	20.387	ug/l	100
38) Carbon Tetrachloride	5.78	117	120883	19.354	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 06 02:30:46 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)
39) Methylcyclohexane	7.46	83	156052	18.433	ug/l	98
40) Benzene	6.14	78	404017	19.151	ug/l	99
41) Methacrylonitrile	5.03	41	85325	20.311	ug/l	99
42) 1,2-Dichloroethane	6.19	62	137272	19.196	ug/l	99
43) Isopropyl Acetate	6.44	43	247306	19.737	ug/l	99
44) Trichloroethene	7.21	130	105926	18.179	ug/l	96
45) 1,2-Dichloropropane	7.51	63	107075	19.803	ug/l	98
46) Dibromomethane	7.65	93	66481	18.596	ug/l	98
47) Bromodichloromethane	7.89	83	132921	19.742	ug/l	100
48) Methyl methacrylate	7.76	41	117738	19.189	ug/l	99
49) 1,4-Dioxane	7.73	88	46116	369.334	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	777705	98.829	ug/l	99
52) Toluene	8.78	92	250772	18.807	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	143247	19.403	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	159436	19.385	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	104827	19.615	ug/l	95
56) Ethyl methacrylate	9.17	69	162478	19.354	ug/l	99
57) 1,3-Dichloropropane	9.37	76	176182	19.594	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	313620	98.718	ug/l	99
59) 2-Hexanone	9.48	43	579440	91.471	ug/l	100
60) Dibromochloromethane	9.57	129	104422	19.657	ug/l	98
61) 1,2-Dibromoethane	9.67	107	108446	19.833	ug/l	100
64) Tetrachloroethene	9.33	164	110234	18.906	ug/l	97
65) Chlorobenzene	10.14	112	268194	19.142	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	101668	20.323	ug/l	99
67) Ethyl Benzene	10.25	91	470210	19.521	ug/l	99
68) m/p-Xylenes	10.36	106	358194	38.664	ug/l	100
69) o-Xylene	10.70	106	172504	18.986	ug/l	100
70) Styrene	10.71	104	295199	19.213	ug/l	100
71) Bromoform	10.85	173	78858	19.610	ug/l #	99
73) Isopropylbenzene	11.01	105	464291	20.536	ug/l	100
74) N-amyl acetate	10.89	43	205416	19.383	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	159863	20.395	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	180848	25.942	ug/l	91
77) Bromobenzene	11.25	156	119791	19.257	ug/l	98
78) n-propylbenzene	11.35	91	513259	20.239	ug/l	100
79) 2-Chlorotoluene	11.42	91	307601	19.954	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	382690	20.112	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	49229	19.932	ug/l	97
82) 4-Chlorotoluene	11.51	91	346215	19.362	ug/l	100
83) tert-Butylbenzene	11.76	119	370944	20.032	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	379025	19.891	ug/l	100
85) sec-Butylbenzene	11.94	105	440961	20.172	ug/l	99
86) p-Isopropyltoluene	12.06	119	399631	19.986	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	207526	19.035	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	207029	18.676	ug/l	99
89) n-Butylbenzene	12.39	91	331083	19.405	ug/l	100
90) Hexachloroethane	12.59	117	69641	19.390	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	209403	19.080	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32612	18.801	ug/l	99

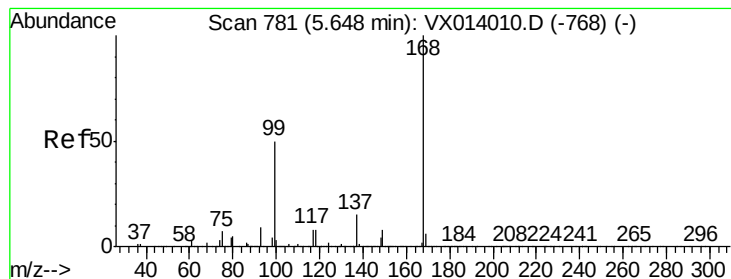
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010320\
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ClientSampleId :

Quant Time: Jan 06 02:30:46 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)
93) 1,2,4-Trichlorobenzene	13.64	180	132715	18.605	ug/l	99
94) Hexachlorobutadiene	13.78	225	68400	19.952	ug/l	97
95) Naphthalene	13.83	128	401461	19.156	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	136906	19.443	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014398.D

Acq: 03 Jan 2020 14:17

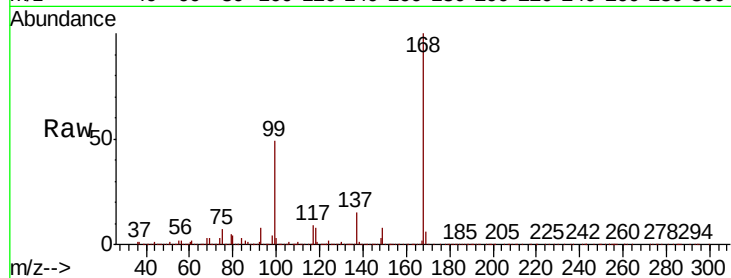
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 493172

Ion Ratio Lower Upper

168 100

99 48.8 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

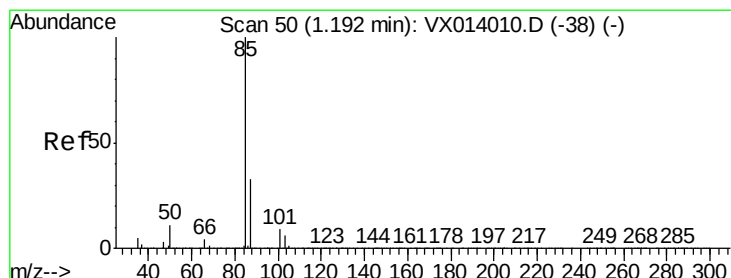
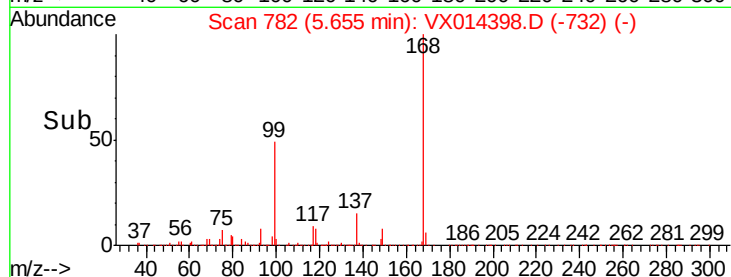
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 15.787 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014398.D

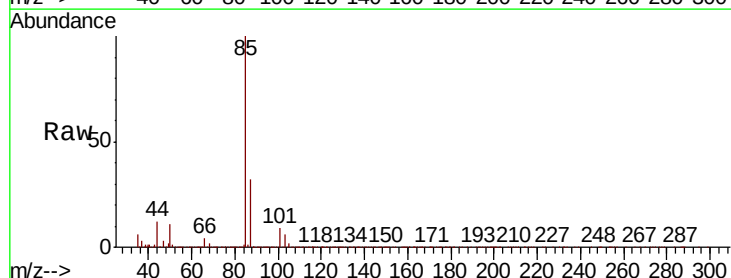
Acq: 03 Jan 2020 14:17

Tgt Ion: 85 Resp: 69652

Ion Ratio Lower Upper

85 100

87 31.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

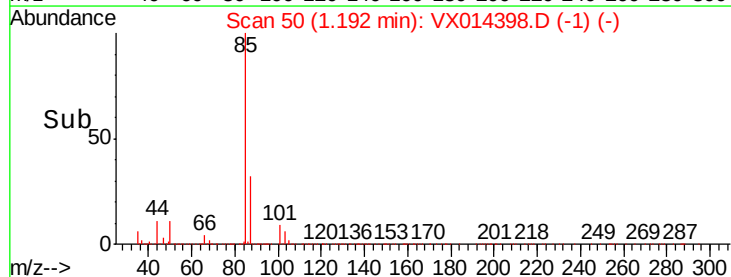
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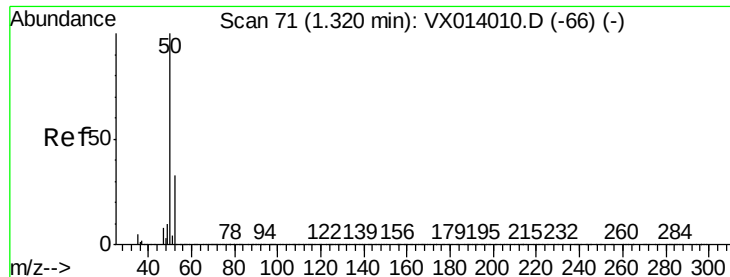
40000

20000

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Time-->





#3

Chloromethane

Concen: 16.263 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014398.D

Acq: 03 Jan 2020 14:17

Instrument :

MSVOA_X

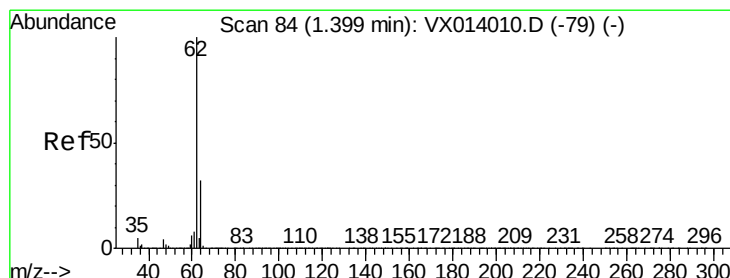
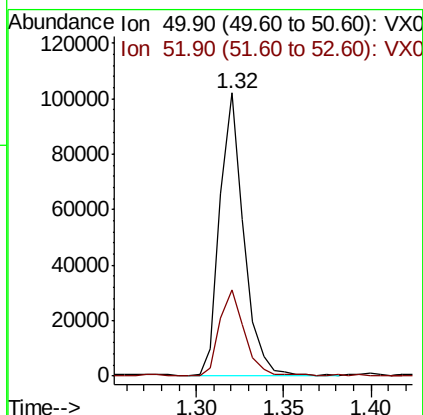
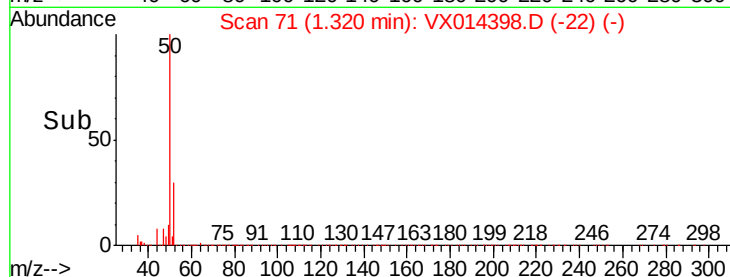
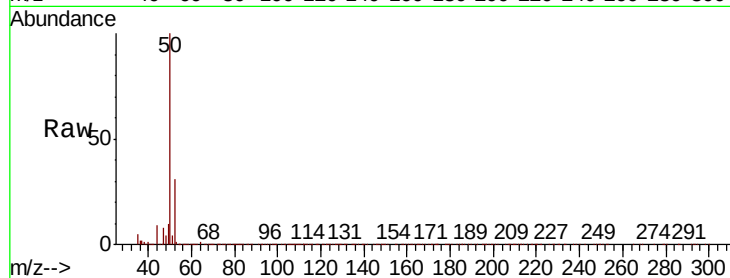
ClientSampleId :

Tot Ion: 50 Resp: 96294

Ion Ratio Lower Upper

50 100

52 30.5 26.2 39.4



#4

Vinyl Chloride

Concen: 16.946 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014398.D

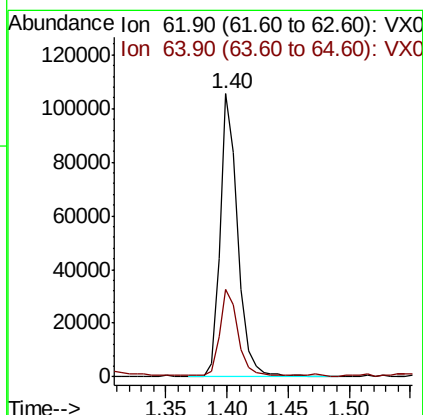
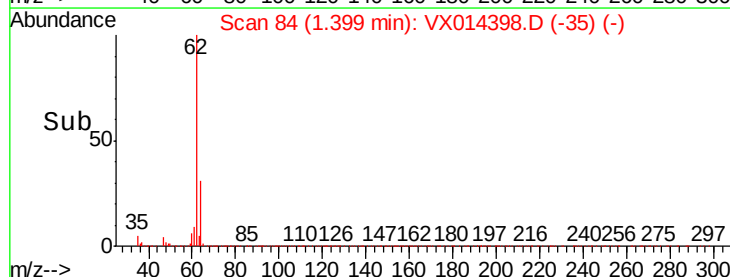
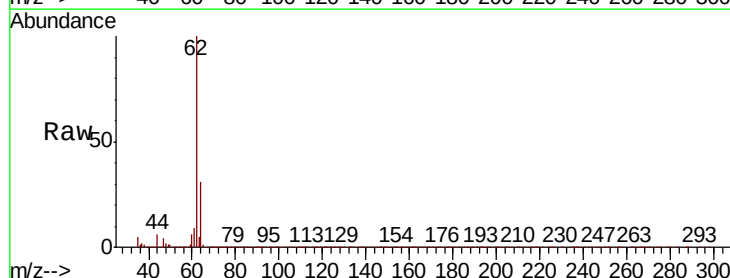
Acq: 03 Jan 2020 14:17

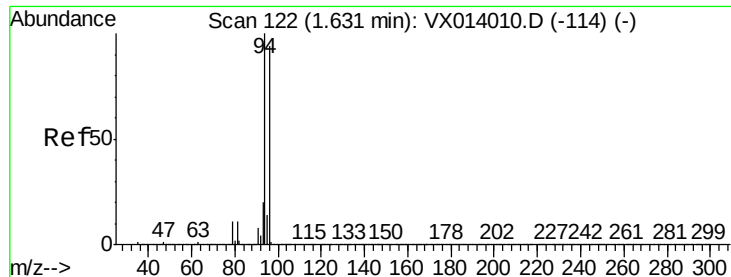
Tgt Ion: 62 Resp: 105875

Ion Ratio Lower Upper

62 100

64 30.8 25.7 38.5





#5

Bromomethane

Concen: 16.467 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014398.D

Acq: 03 Jan 2020 14:17

Instrument :

MSVOA_X

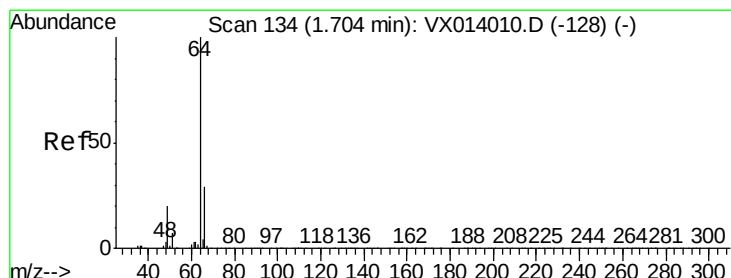
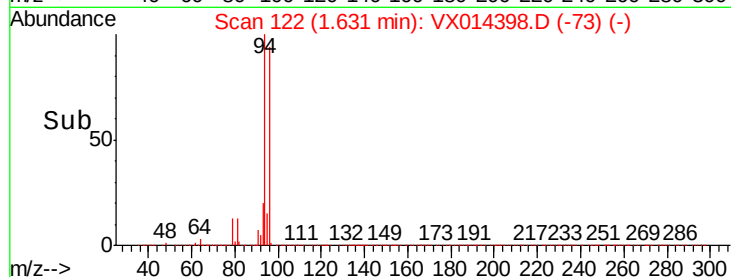
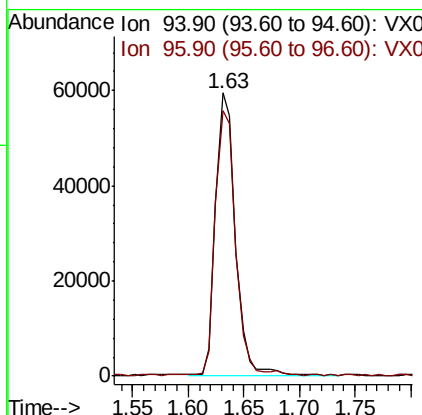
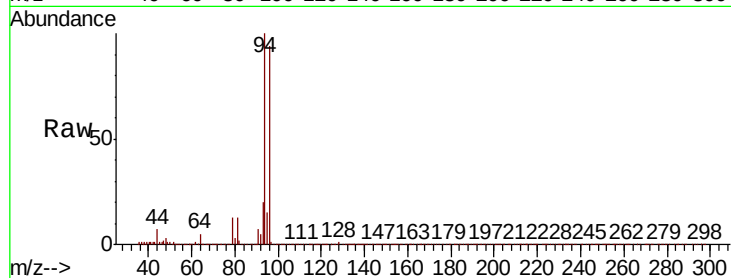
ClientSampleId :

Tot Ion: 94 Resp: 73022

Ion Ratio Lower Upper

94 100

96 93.8 75.2 112.8



#6

Chloroethane

Concen: 18.663 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014398.D

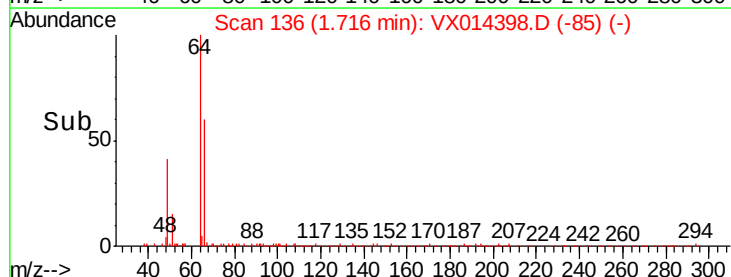
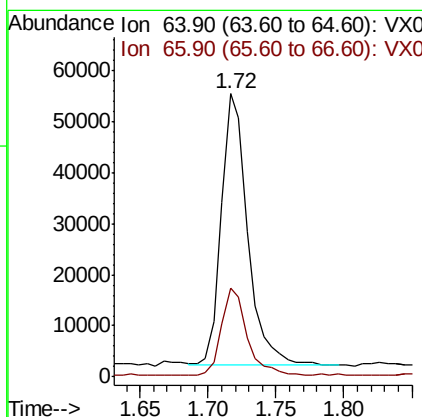
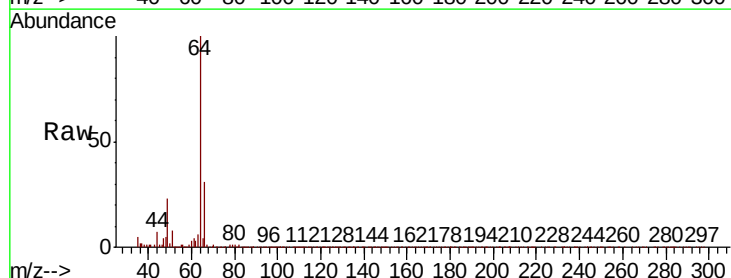
Acq: 03 Jan 2020 14:17

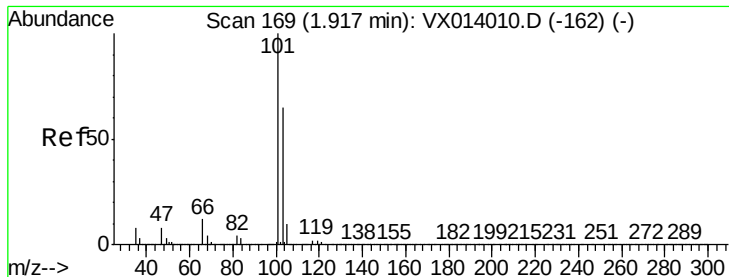
Tgt Ion: 64 Resp: 71964

Ion Ratio Lower Upper

64 100

66 32.3 23.4 35.2



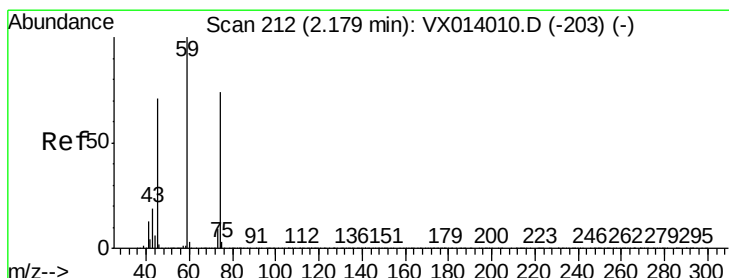
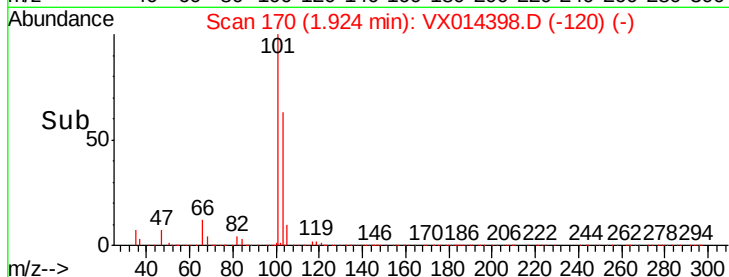
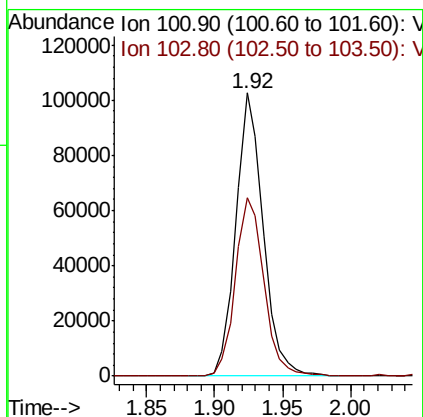
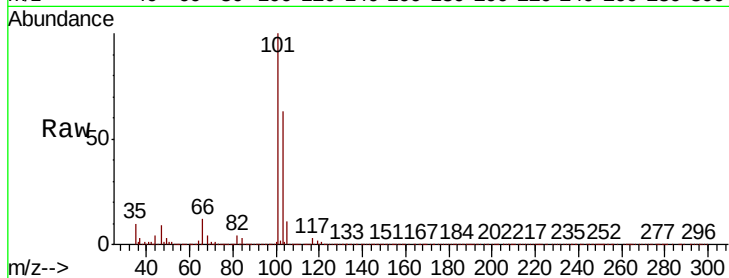


#7

Trichlorofluoromethane
 Concen: 18.597 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX014398.D
 Acq: 03 Jan 2020 14:17

Instrument :
 MSVOA_X
 ClientSampled :

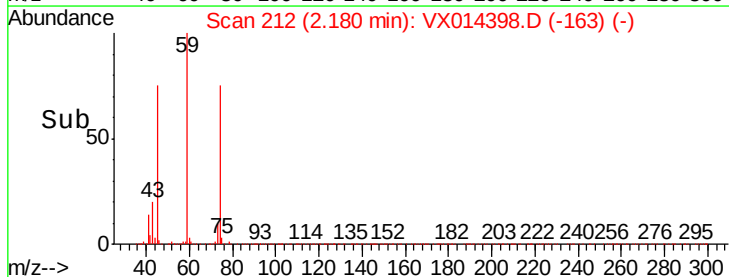
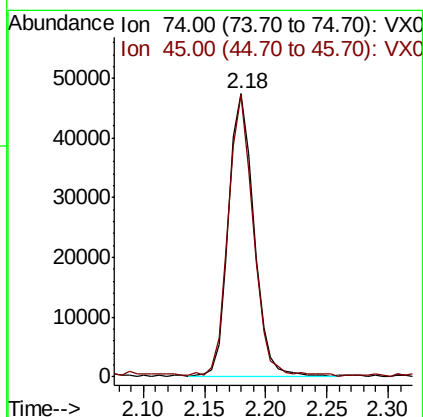
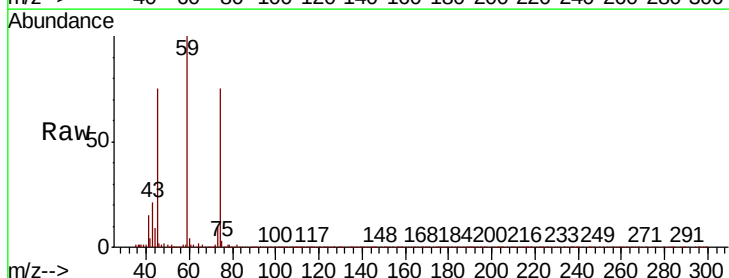
Tot Ion:101 Resp: 143830
 Ion Ratio Lower Upper
 101 100
 103 62.6 52.2 78.4

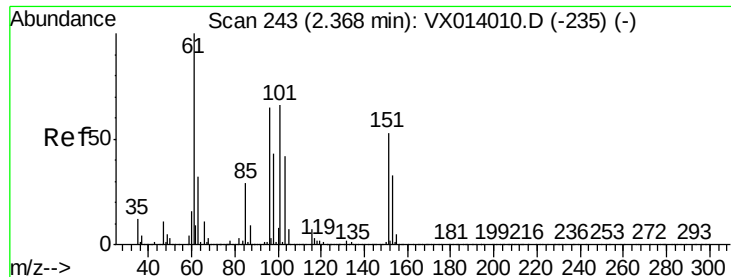


#8

Diethyl Ether
 Concen: 18.691 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX014398.D
 Acq: 03 Jan 2020 14:17

Tgt Ion: 74 Resp: 67845
 Ion Ratio Lower Upper
 74 100
 45 96.9 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.910 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014398.D

Acq: 03 Jan 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

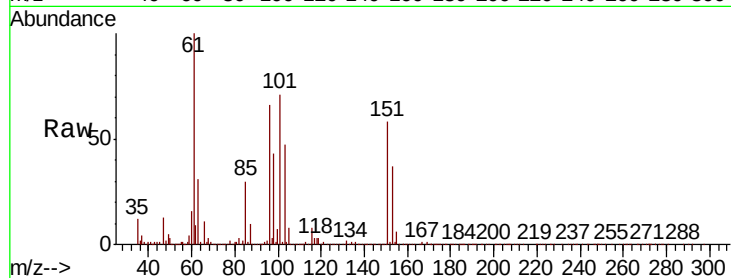
Tot Ion:101 Resp: 88161

Ion Ratio Lower Upper

101 100

85 41.8 33.7 50.5

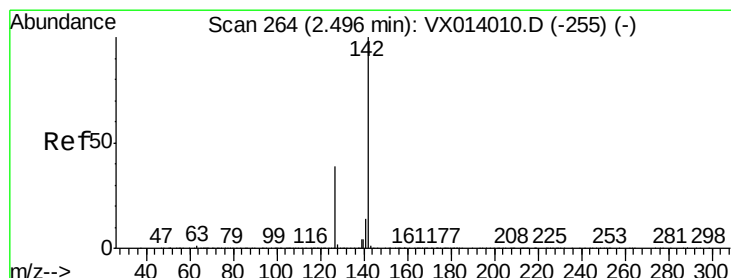
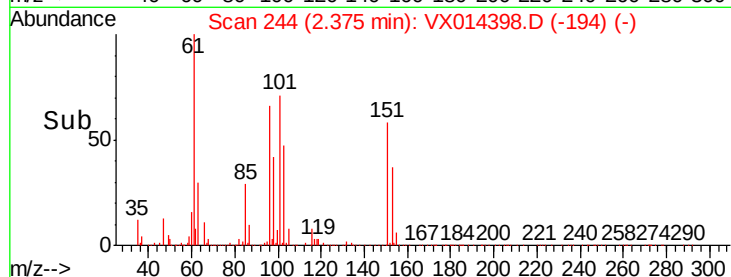
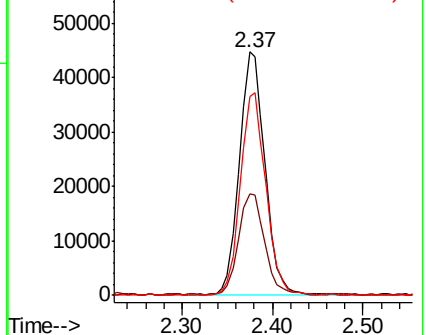
151 81.8 64.5 96.7



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: 17.049 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014398.D

Acq: 03 Jan 2020 14:17

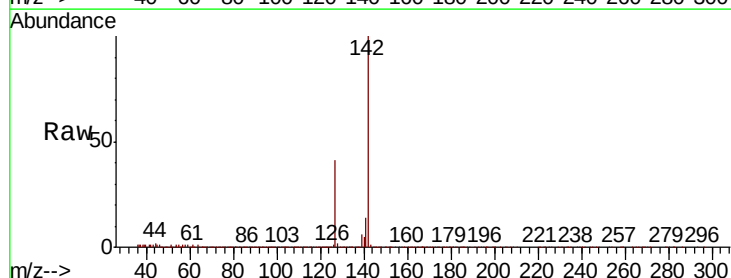
Tgt Ion:142 Resp: 93616

Ion Ratio Lower Upper

142 100

127 40.2 31.6 47.4

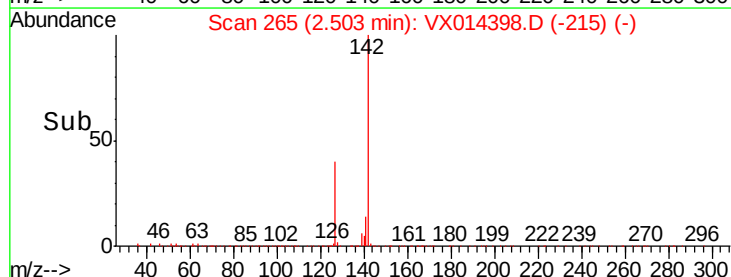
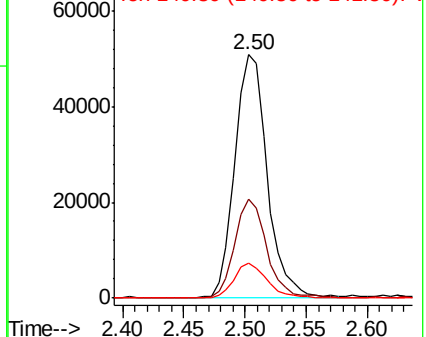
141 14.2 11.6 17.4

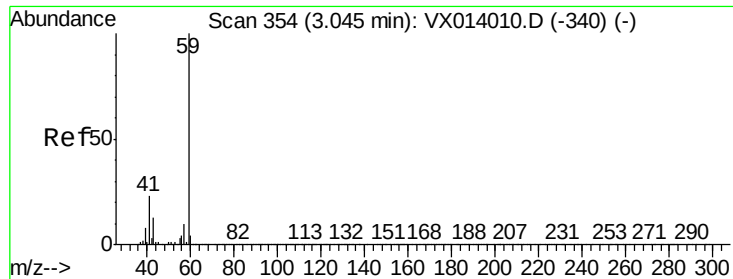


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



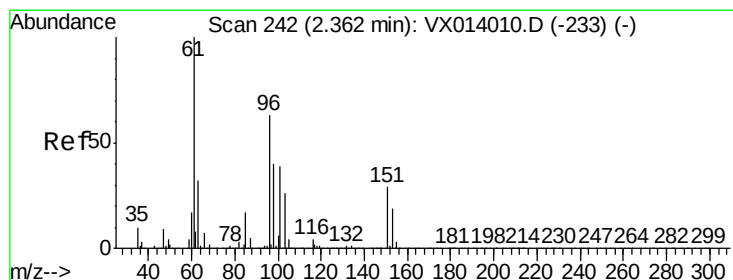
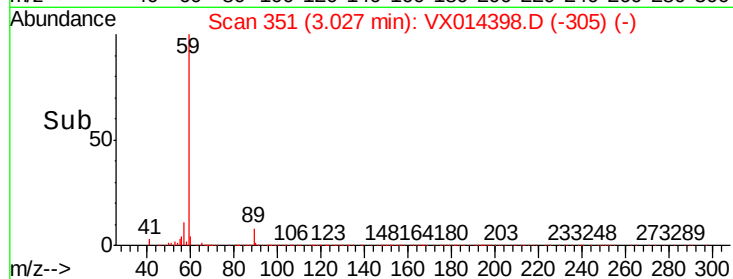
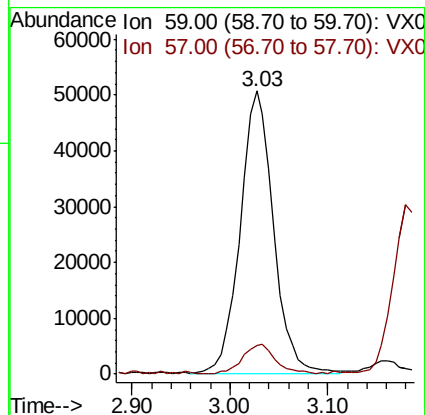
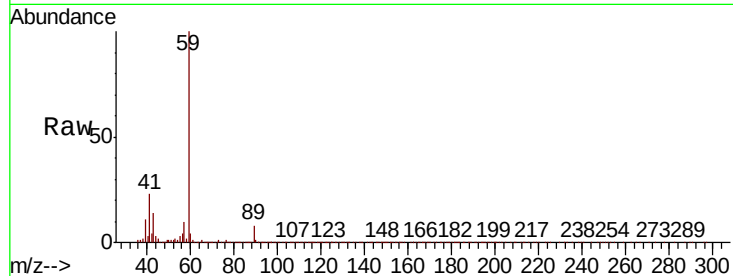


#11

Tert butyl alcohol
 Concen: 98.034 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.02 min
 Lab File: VX014398.D
 Acq: 03 Jan 2020 14:17

Instrument :
 MSVOA_X
 ClientSampleId :

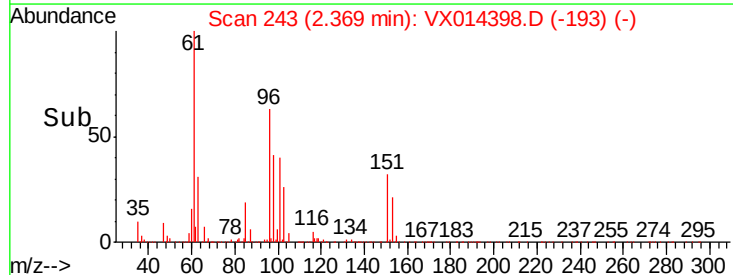
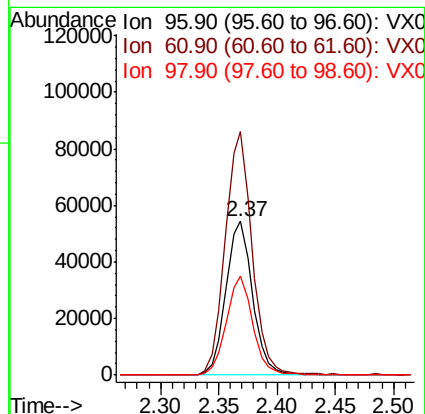
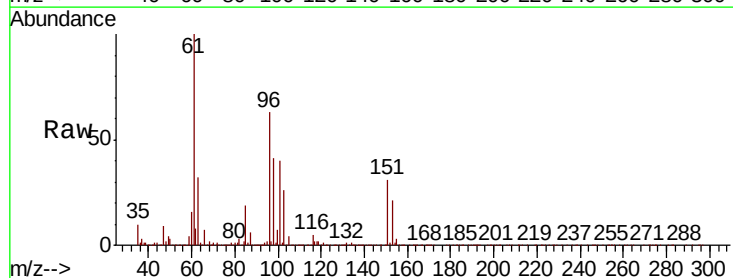
Tot Ion: 59 Resp: 118400
 Ion Ratio Lower Upper
 59 100
 57 9.6 8.4 12.6

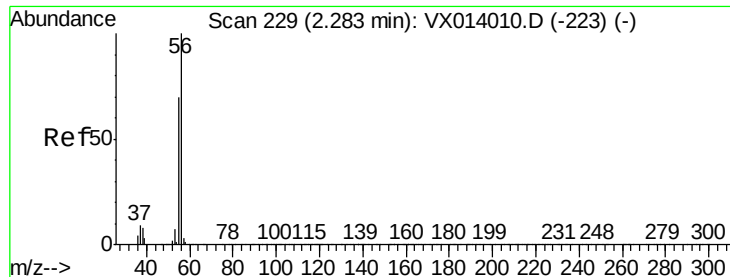


#12

1,1-Dichloroethene
 Concen: 18.134 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.01 min
 Lab File: VX014398.D
 Acq: 03 Jan 2020 14:17

Tgt Ion: 96 Resp: 86028
 Ion Ratio Lower Upper
 96 100
 61 158.4 127.9 191.9
 98 64.4 50.5 75.7





#13

Acrolein

Concen: 74.720 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014398.D

Acq: 03 Jan 2020 14:17

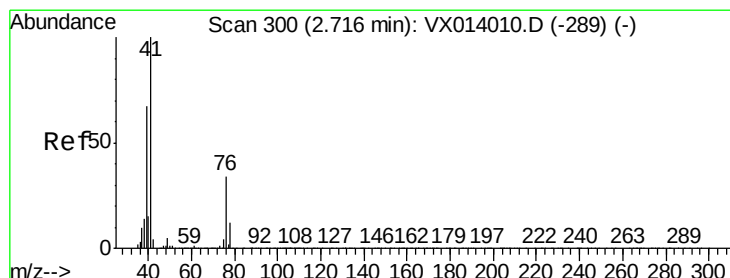
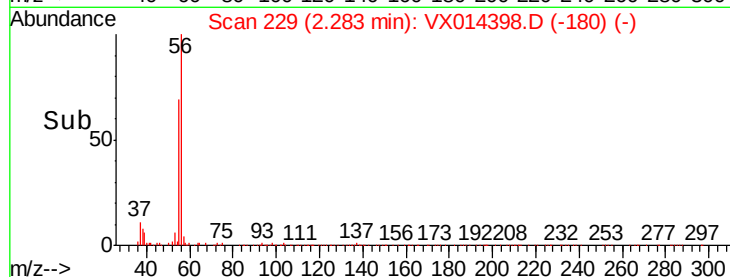
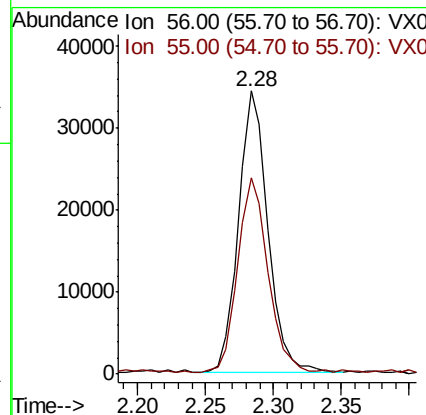
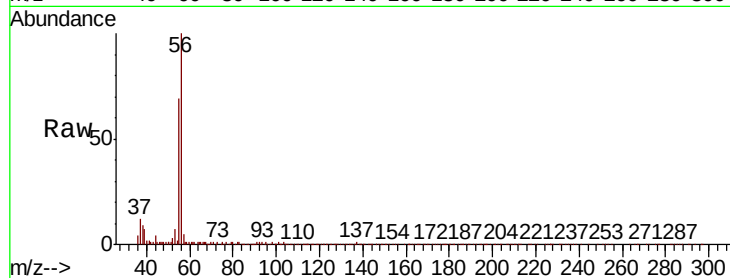
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 51658

Ion Ratio Lower Upper

56 100

55 71.1 56.9 85.3



#14

Allyl chloride

Concen: 18.538 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014398.D

Acq: 03 Jan 2020 14:17

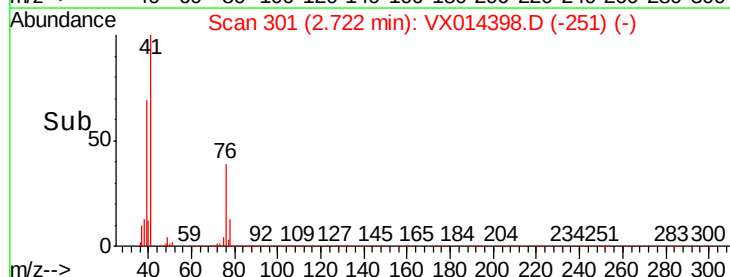
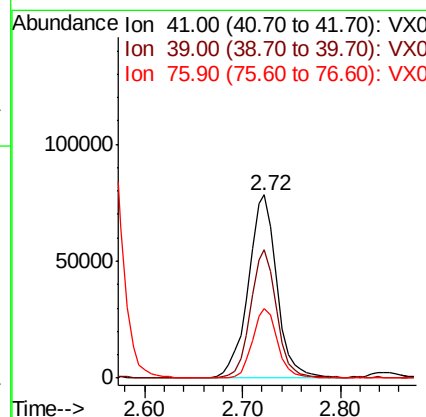
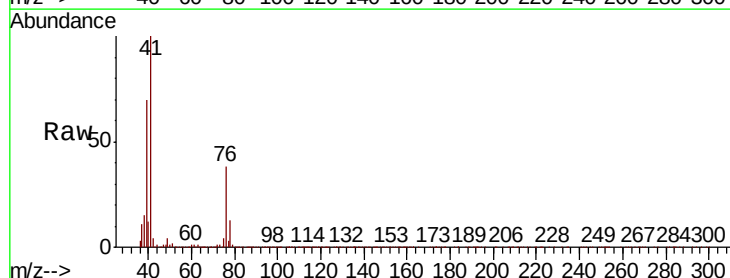
Tgt Ion: 41 Resp: 157021

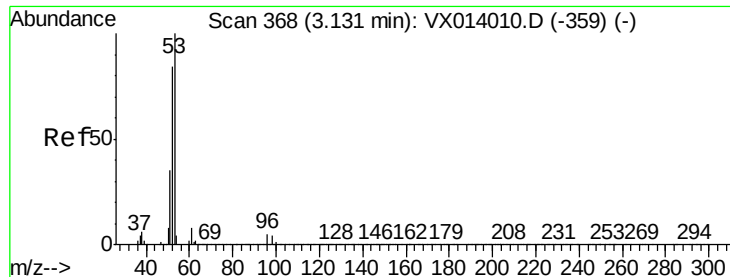
Ion Ratio Lower Upper

41 100

39 65.4 51.8 77.8

76 33.1 25.9 38.9

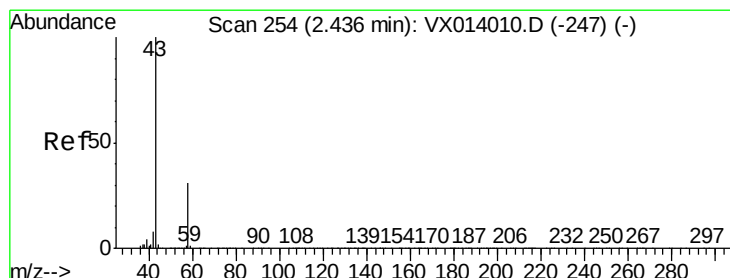
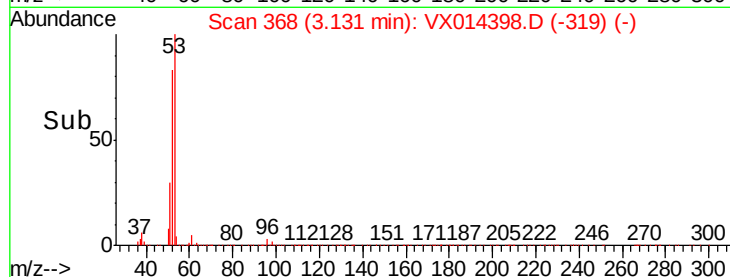
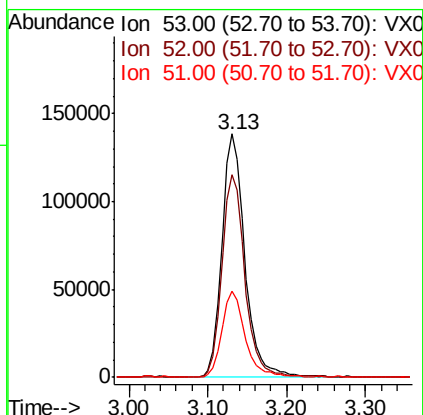
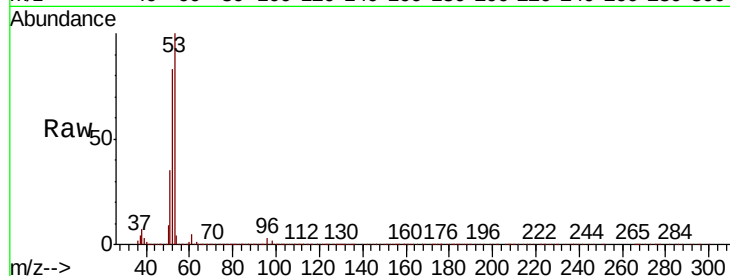




#15
 Acrylonitrile
 Concen: 98.972 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX014398.D
 Acq: 03 Jan 2020 14:17

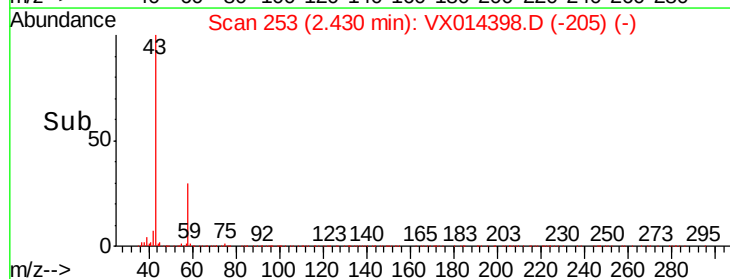
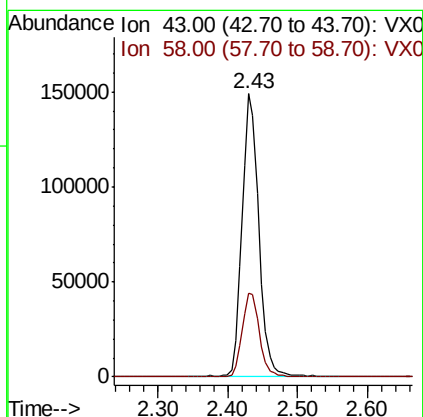
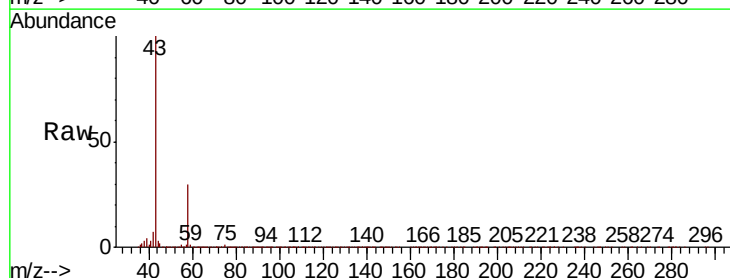
Instrument :
 MSVOA_X
 ClientSampleId :

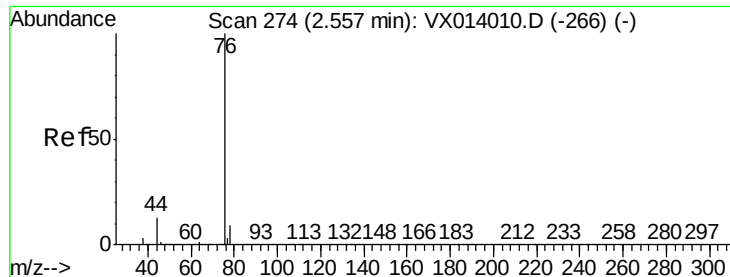
Tot Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.5	99.7
51	36.4	28.1	42.1



#16
 Acetone
 Concen: 68.994 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX014398.D
 Acq: 03 Jan 2020 14:17

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.5	24.9	37.3





#17

Carbon Disulfide

Concen: 15.646 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014398.D

Acq: 03 Jan 2020 14:17

Instrument :

MSVOA_X

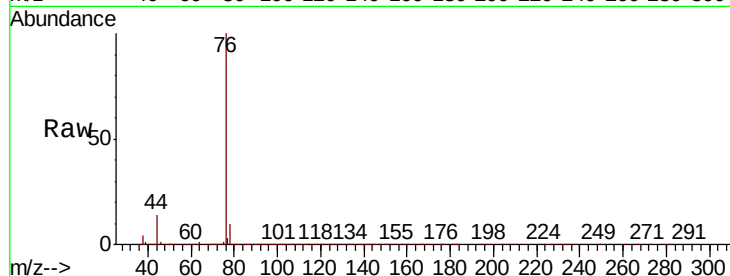
ClientSampleId :

Tot Ion: 76 Resp: 199162

Ion Ratio Lower Upper

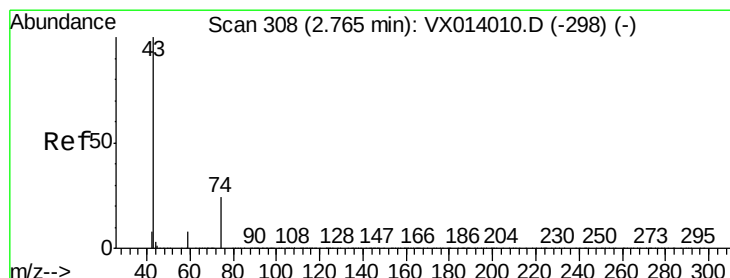
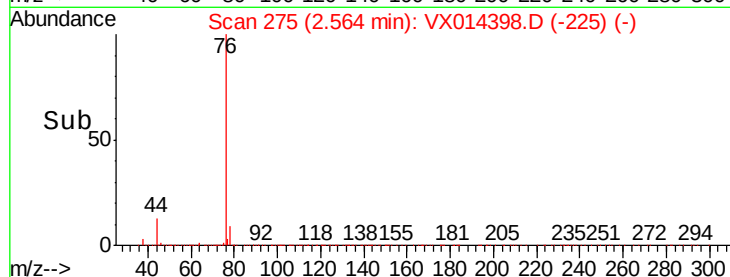
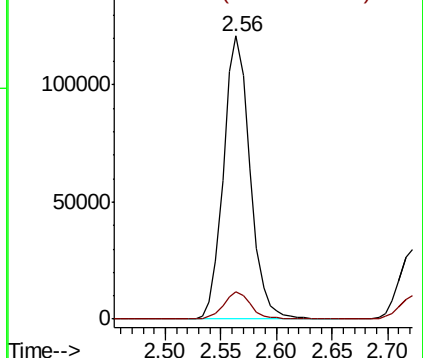
76 100

78 9.4 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: 20.237 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014398.D

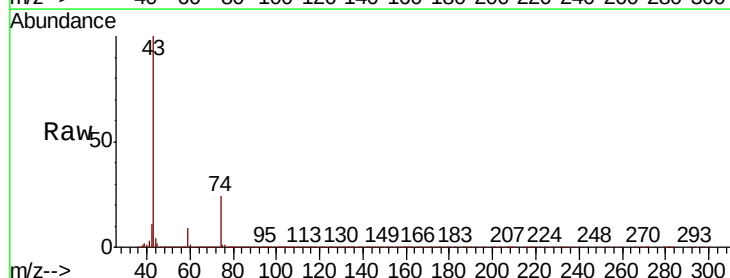
Acq: 03 Jan 2020 14:17

Tgt Ion: 43 Resp: 145511

Ion Ratio Lower Upper

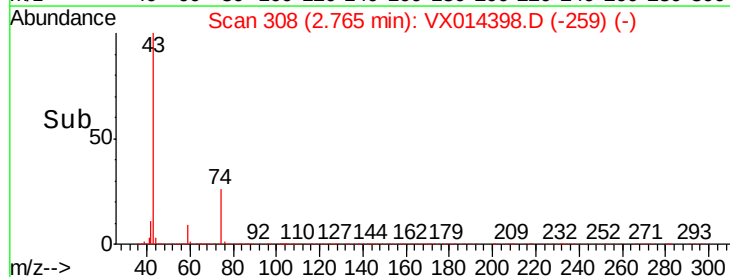
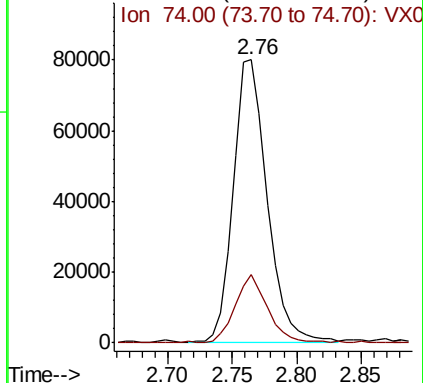
43 100

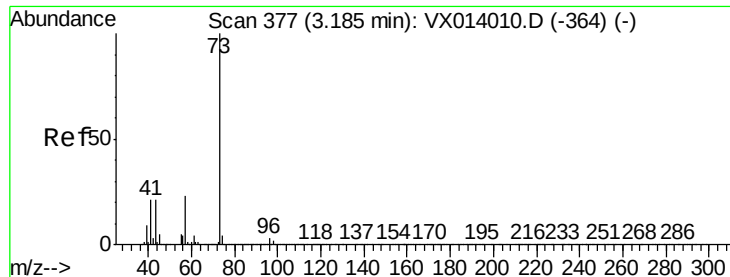
74 22.5 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

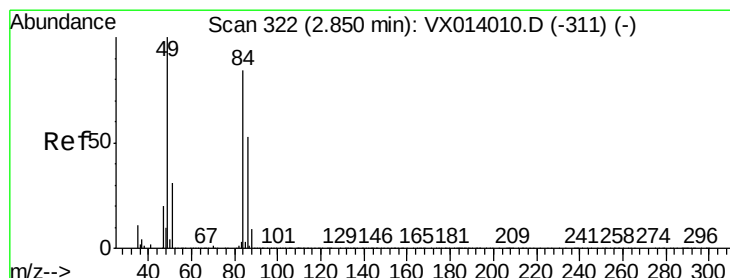
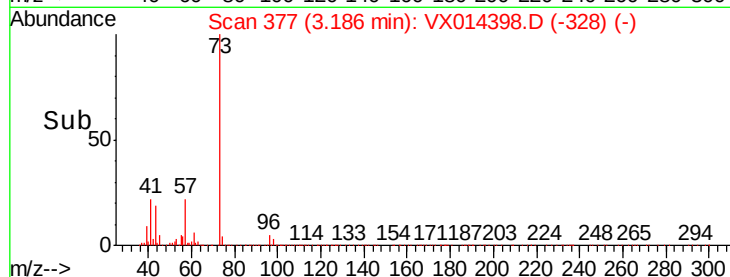
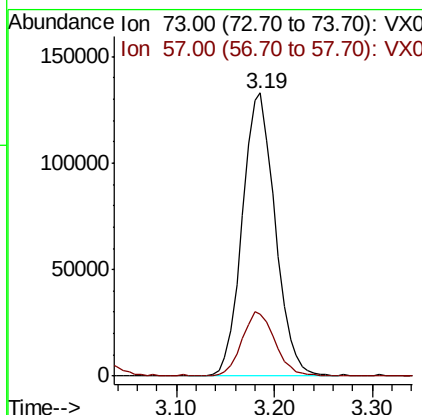
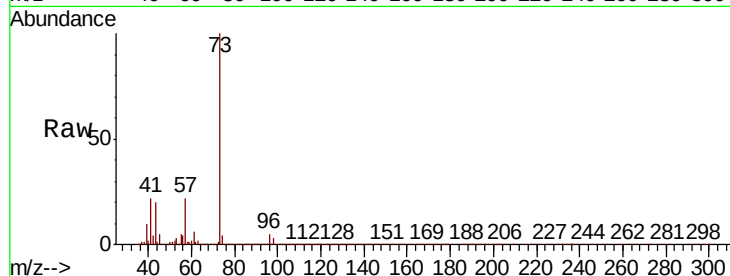




#19
Methyl tert-butyl Ether
Concen: 19.895 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014398.D
Acq: 03 Jan 2020 14:17

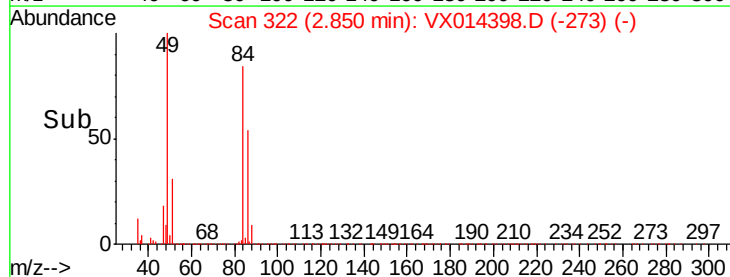
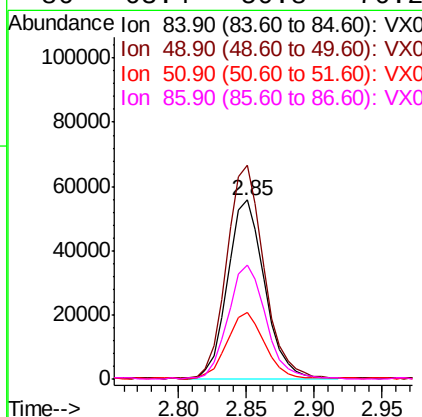
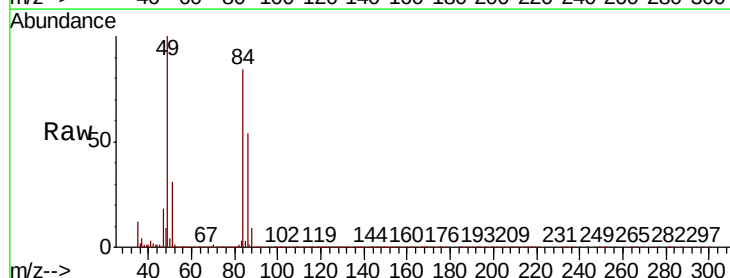
Instrument :
MSVOA_X
ClientSampled :

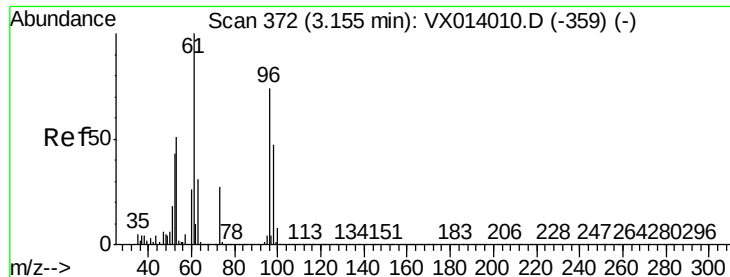
Tot Ion: 73 Resp: 310143
Ion Ratio Lower Upper
73 100
57 21.6 18.8 28.2



#20
Methylene Chloride
Concen: 18.418 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014398.D
Acq: 03 Jan 2020 14:17

Tgt Ion: 84 Resp: 105248
Ion Ratio Lower Upper
84 100
49 119.0 95.8 143.6
51 37.2 29.8 44.8
86 63.4 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 17.715 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014398.D

Acq: 03 Jan 2020 14:17

Instrument :
MSVOA_X
ClientSampleId :

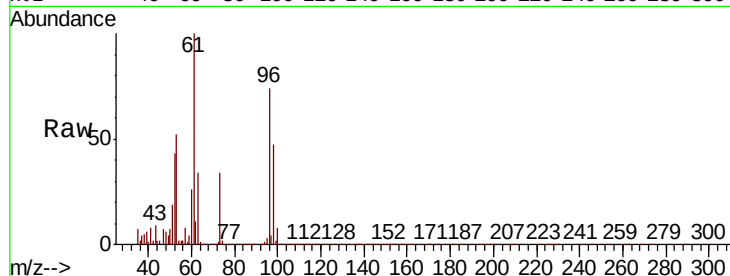
Tot Ion: 96 Resp: 92584

Ion Ratio Lower Upper

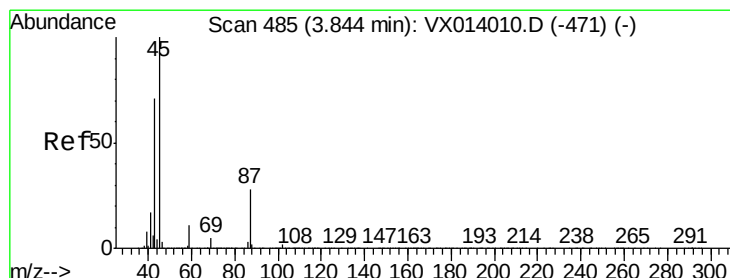
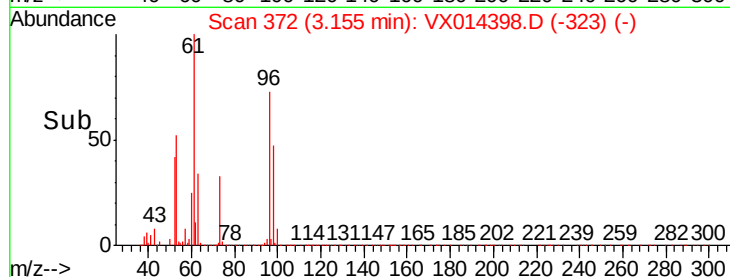
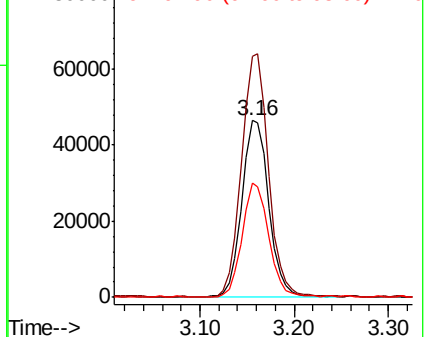
96 100

61 136.3 108.3 162.5

98 64.4 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: 19.748 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014398.D

Acq: 03 Jan 2020 14:17

Tgt Ion: 45 Resp: 333330

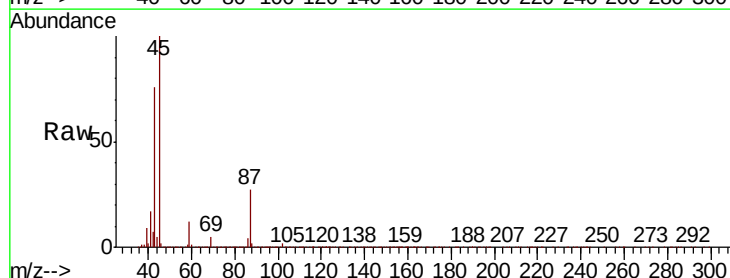
Ion Ratio Lower Upper

45 100

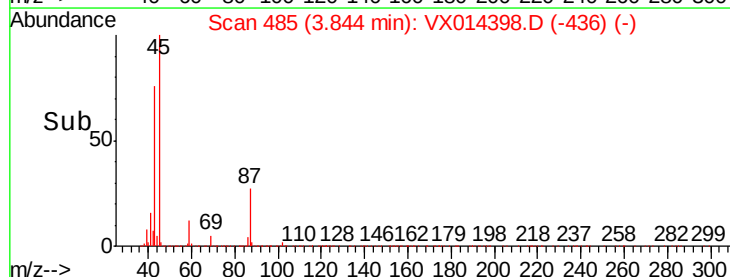
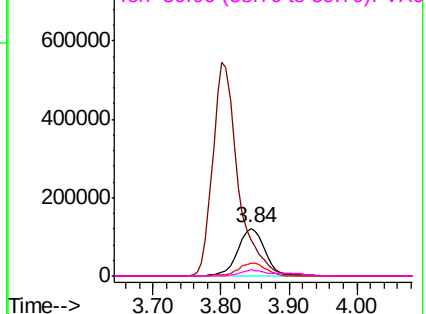
43 76.0 57.4 86.0

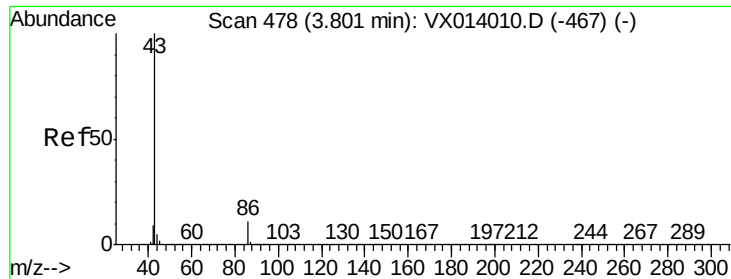
87 26.9 21.9 32.9

59 12.1 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: 102.055 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014398.D

Acq: 03 Jan 2020 14:17

Instrument :

MSVOA_X

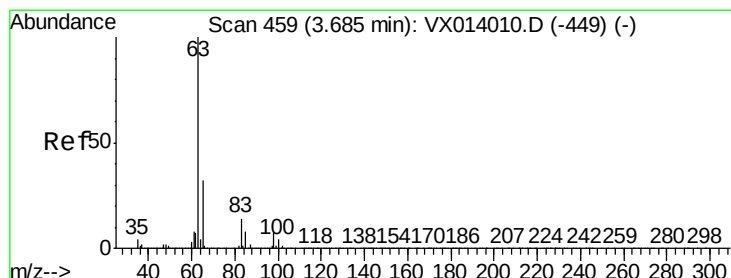
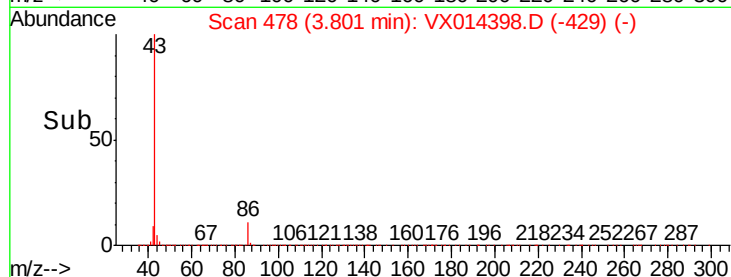
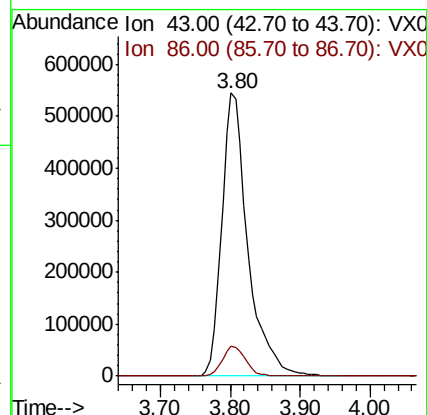
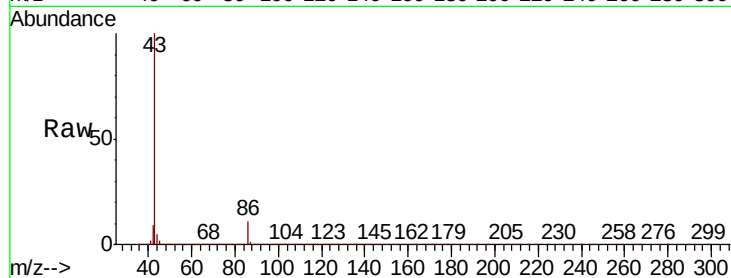
ClientSampleId :

Tot Ion: 43 Resp: 1405739

Ion Ratio Lower Upper

43 100

86 10.7 8.6 12.8



#24

1,1-Dichloroethane

Concen: 18.867 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX014398.D

Acq: 03 Jan 2020 14:17

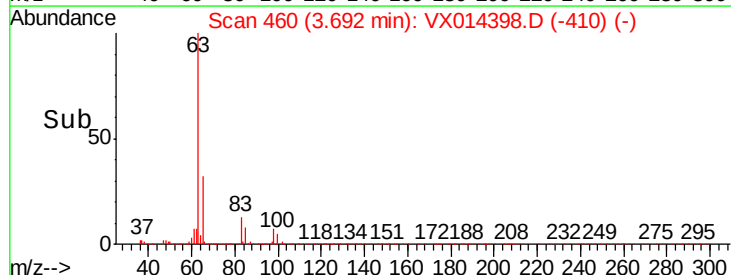
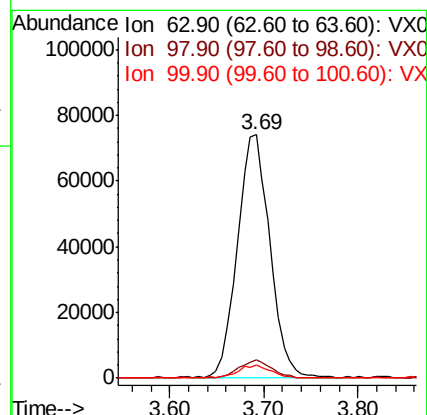
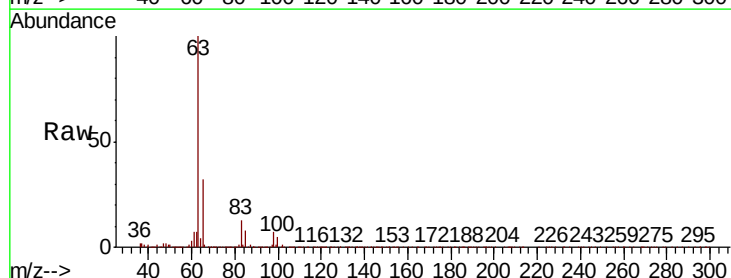
Tgt Ion: 63 Resp: 177177

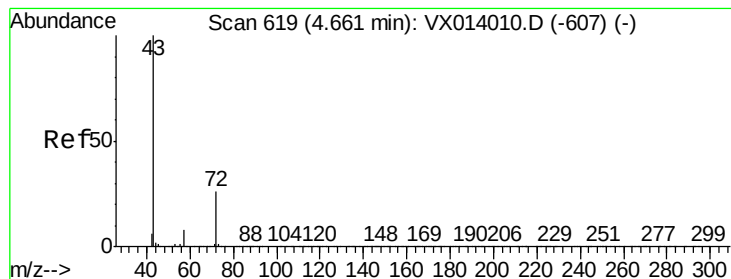
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 4.9 2.3 6.8





#25

2-Butanone

Concen: 86.000 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX014398.D

Acq: 03 Jan 2020 14:17

Instrument :

MSVOA_X

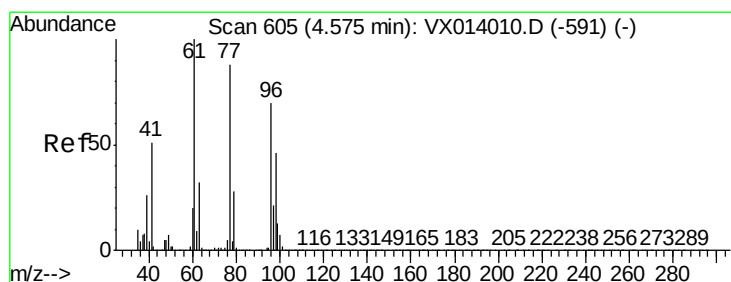
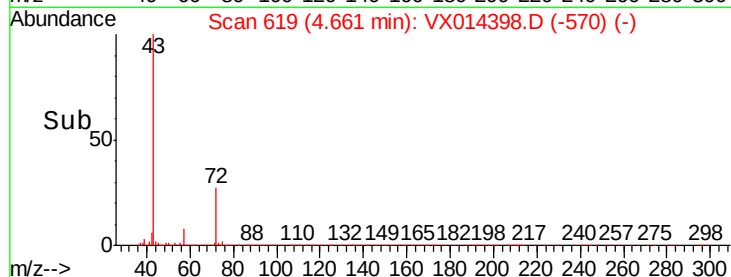
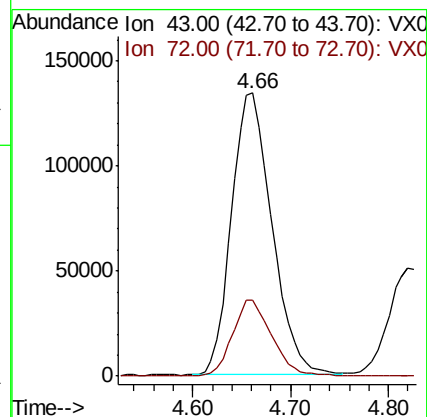
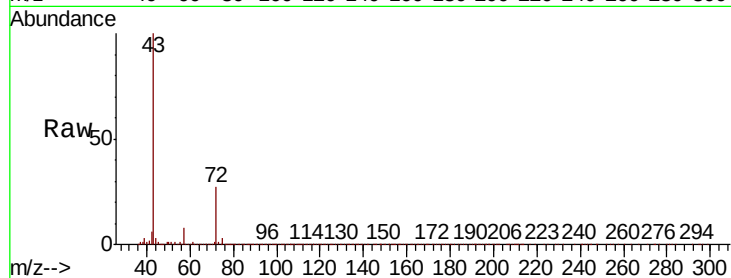
ClientSampled :

Tot Ion: 43 Resp: 384747

Ion Ratio Lower Upper

43 100

72 26.5 21.0 31.4



#26

2,2-Dichloropropane

Concen: 19.056 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014398.D

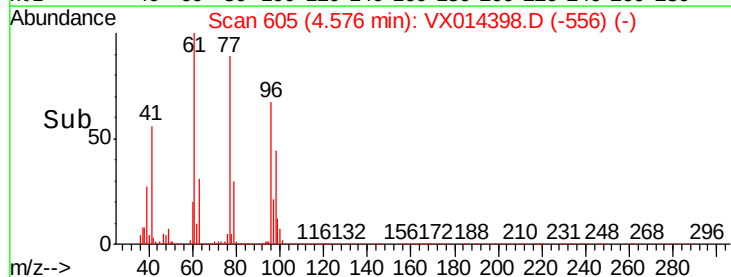
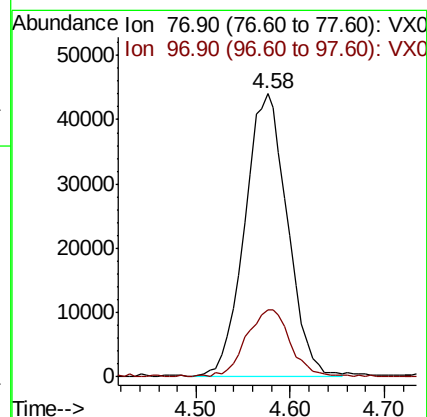
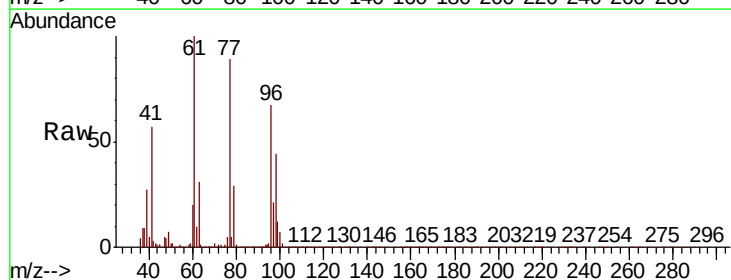
Acq: 03 Jan 2020 14:17

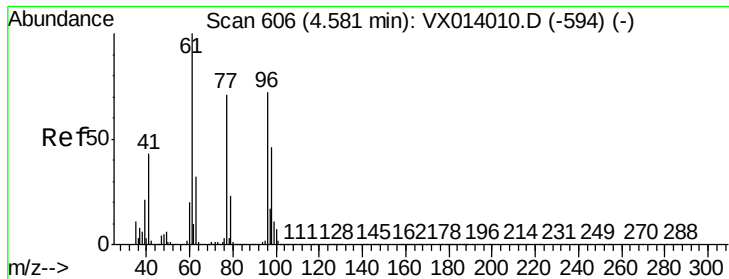
Tgt Ion: 77 Resp: 138945

Ion Ratio Lower Upper

77 100

97 24.9 11.9 35.9



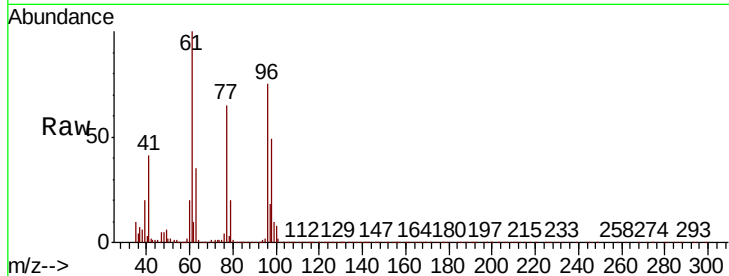


#27

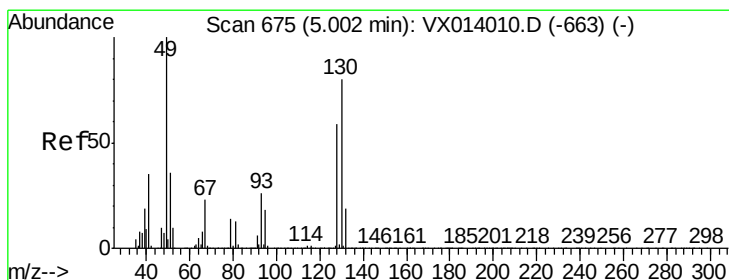
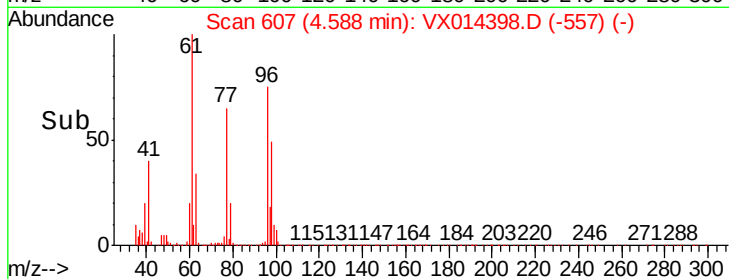
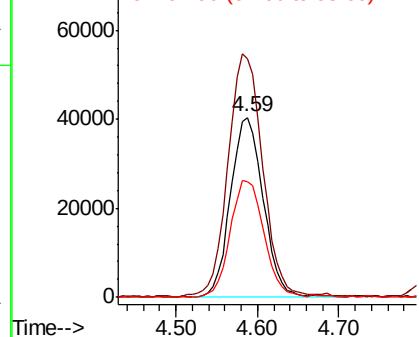
cis-1,2-Dichloroethene
Concen: 18.864 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014398.D
Acq: 03 Jan 2020 14:17

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.7	0.0	288.4
98	67.2	0.0	129.6



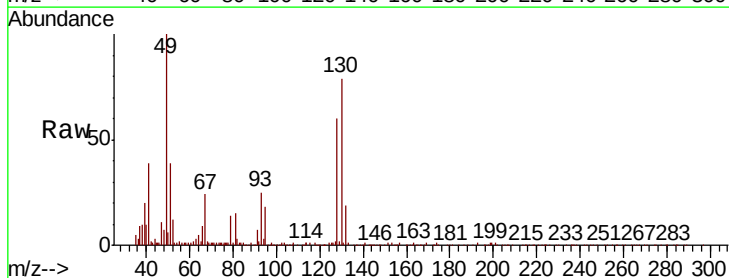
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



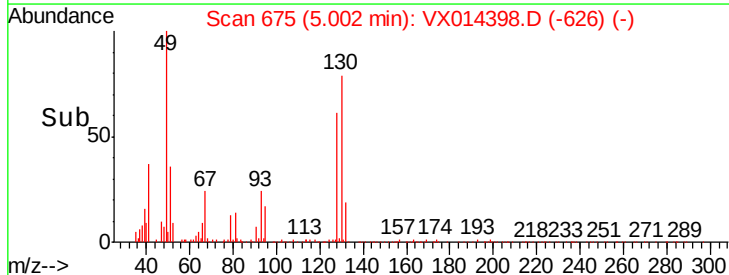
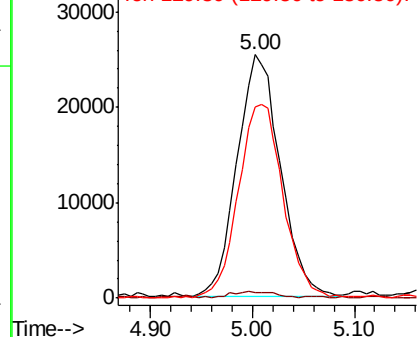
#28

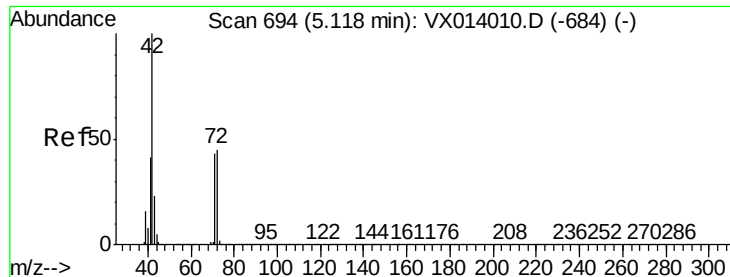
Bromochloromethane
Concen: 20.917 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014398.D
Acq: 03 Jan 2020 14:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.0
130	83.1	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: 99.883 ug/l

RT: 5.11 min Scan# 693

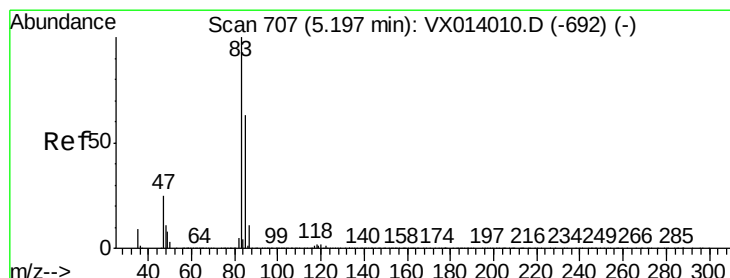
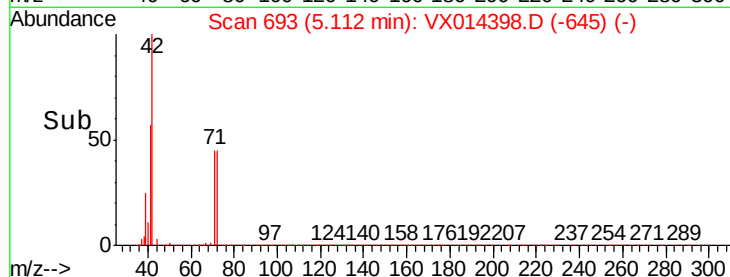
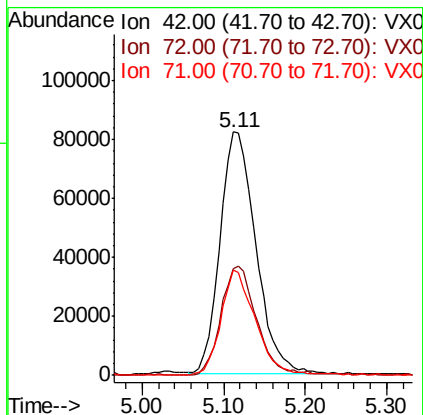
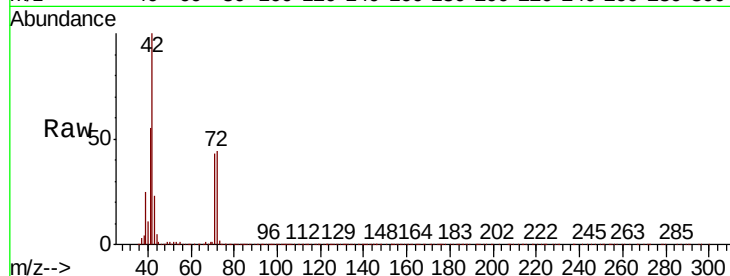
Delta R.T. -0.01 min

Lab File: VX014398.D

Acq: 03 Jan 2020 14:17

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	42	Resp:	249939
Ion	Ratio	Lower	Upper
42	100		
72	45.1	35.8	53.8
71	42.0	33.6	50.4



#30

Chloroform

Concen: 19.522 ug/l

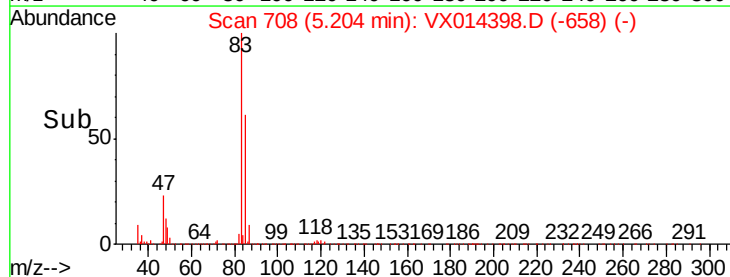
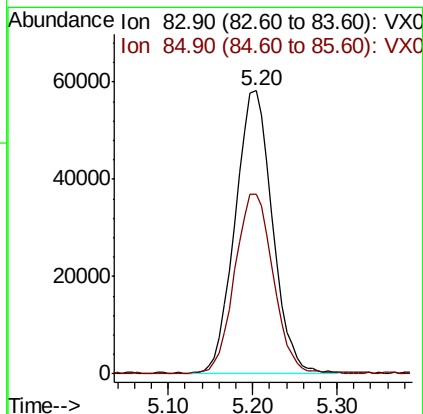
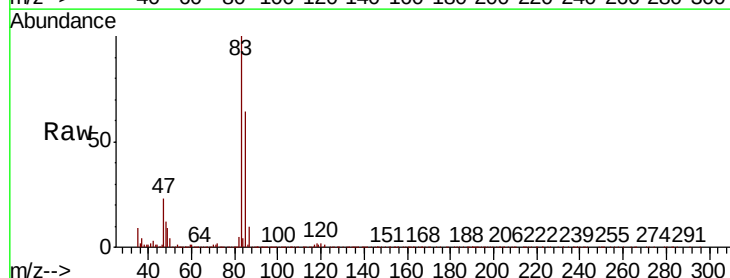
RT: 5.20 min Scan# 708

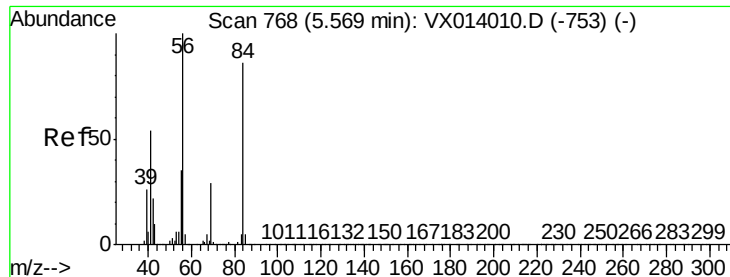
Delta R.T. 0.01 min

Lab File: VX014398.D

Acq: 03 Jan 2020 14:17

Tgt Ion:	83	Resp:	173795
Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.8	76.2

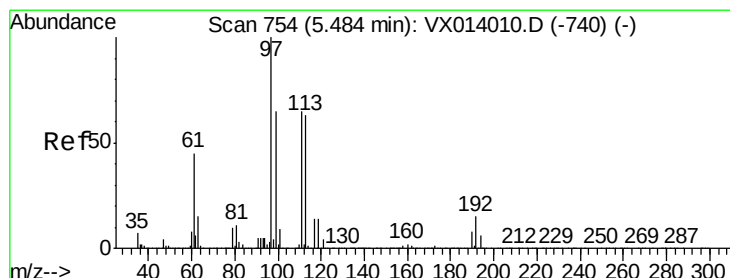
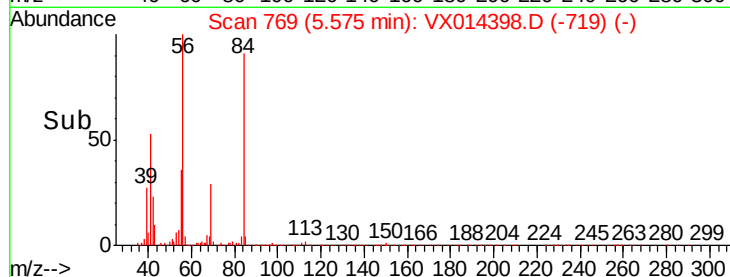
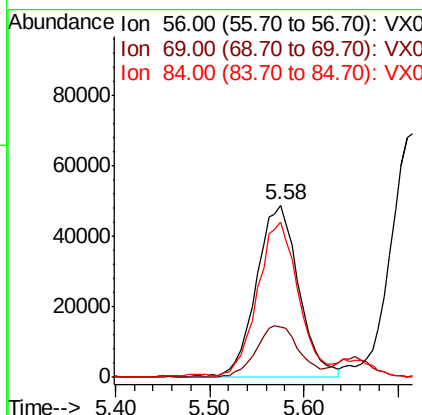
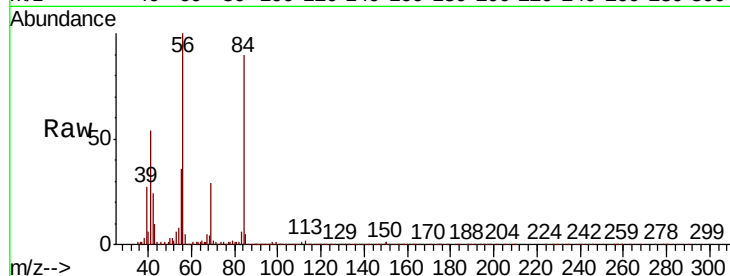




#31
Cyclohexane
Concen: 18.393 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX014398.D
Acq: 03 Jan 2020 14:17

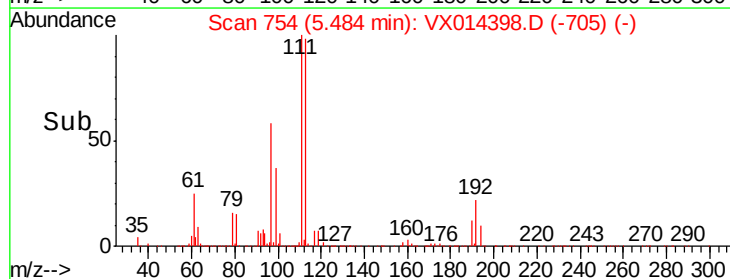
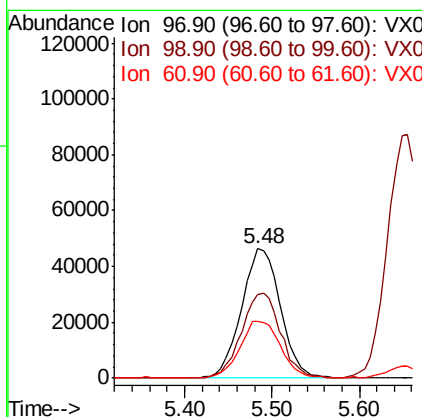
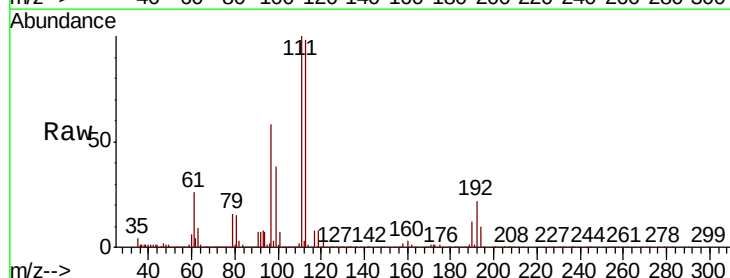
Instrument :
MSVOA_X
ClientSampleId :

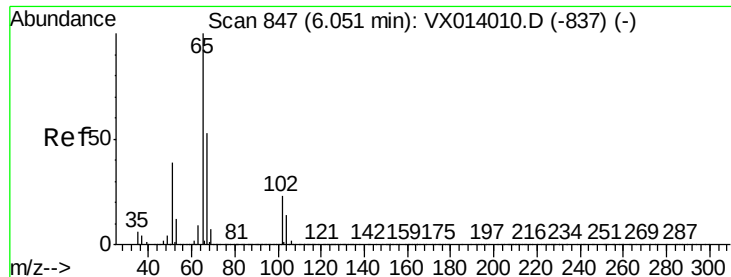
Tot Ion: 56 Resp: 153625
Ion Ratio Lower Upper
56 100
69 29.1 23.2 34.8
84 88.4 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 18.713 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014398.D
Acq: 03 Jan 2020 14:17

Tgt Ion: 97 Resp: 141979
Ion Ratio Lower Upper
97 100
99 65.2 52.0 78.0
61 45.9 36.7 55.1

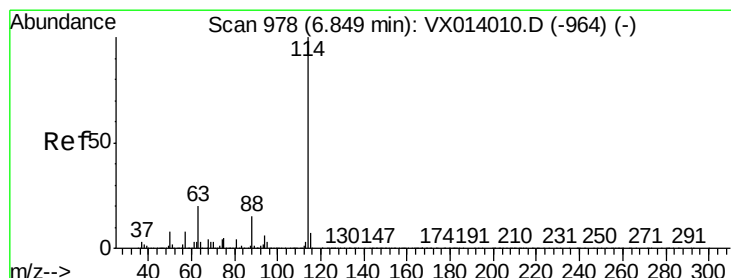
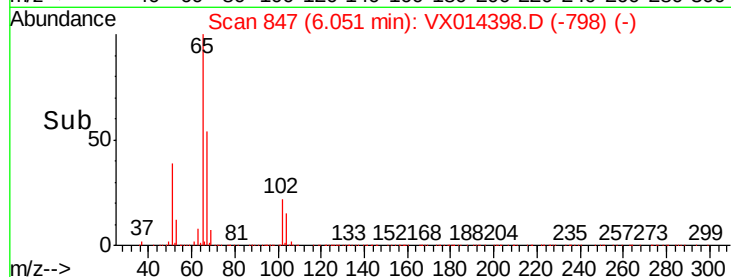
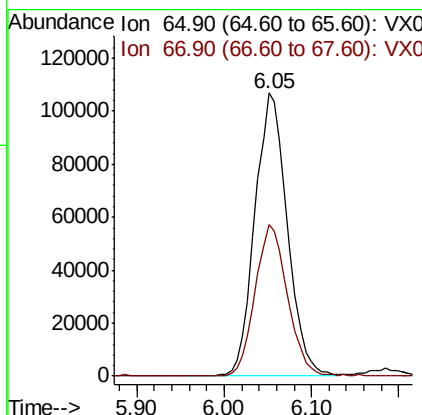
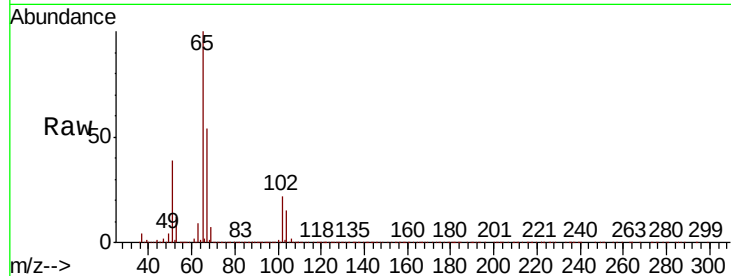




#33
 1,2-Dichloroethane-d4
 Concen: 49.334 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014398.D
 Acq: 03 Jan 2020 14:17

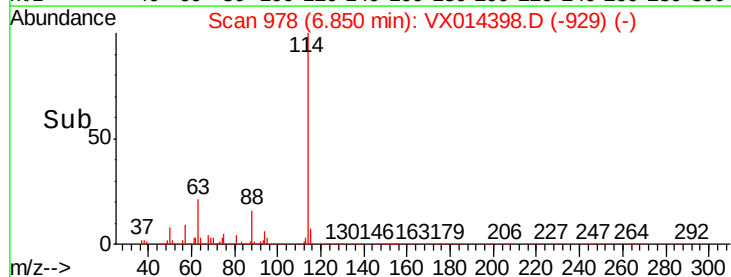
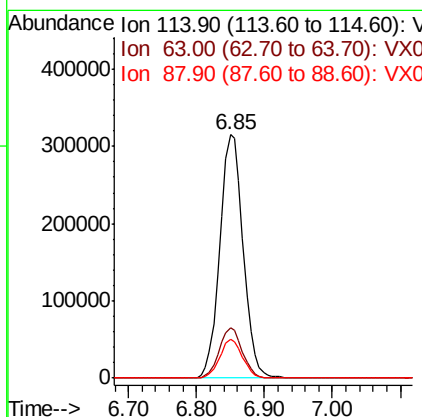
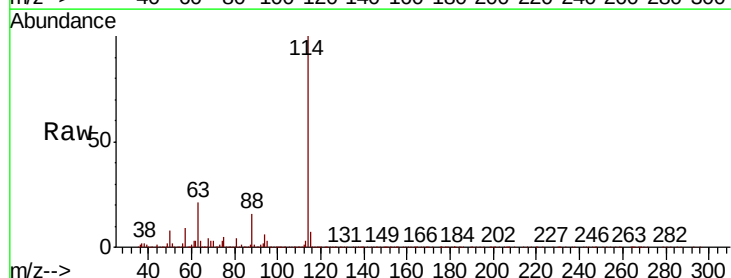
Instrument :
 MSVOA_X
 ClientSampleId :

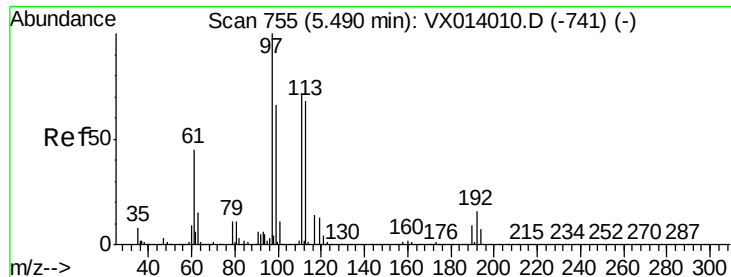
Tot Ion: 65 Resp: 275748
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014398.D
 Acq: 03 Jan 2020 14:17

Tgt Ion: 114 Resp: 747238
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.8
 88 15.8 0.0 30.4

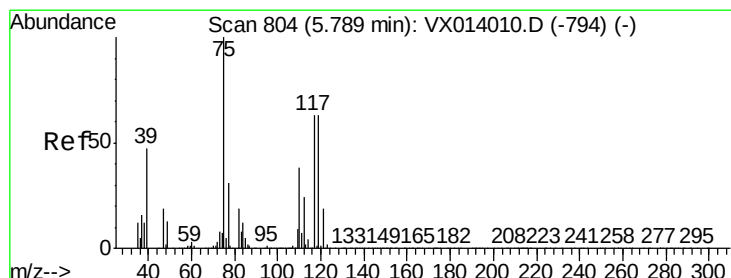
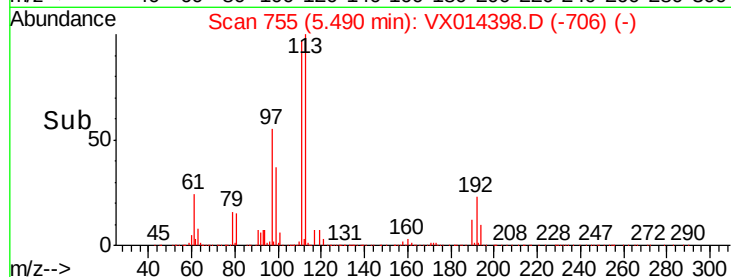
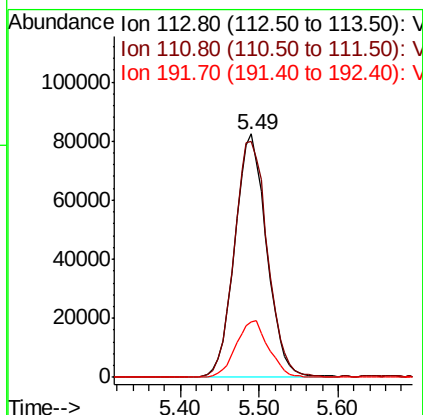
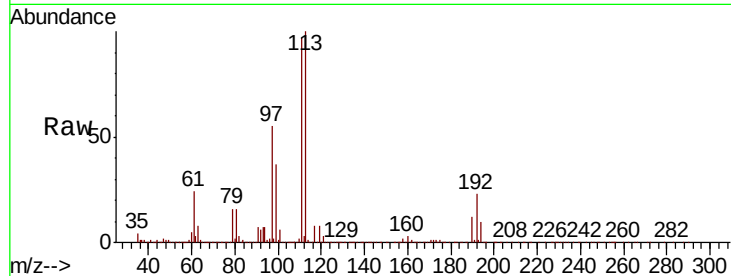




#35
Dibromofluoromethane
Concen: 50.870 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014398.D
Acq: 03 Jan 2020 14:17

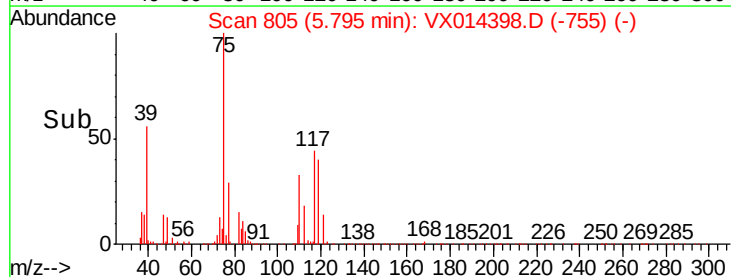
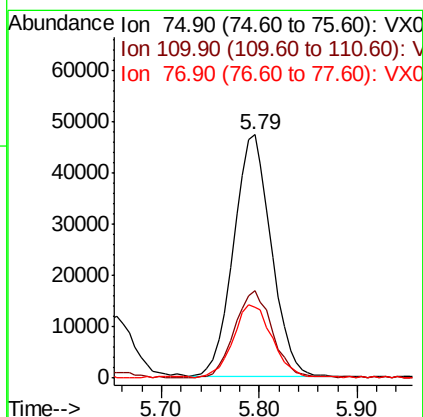
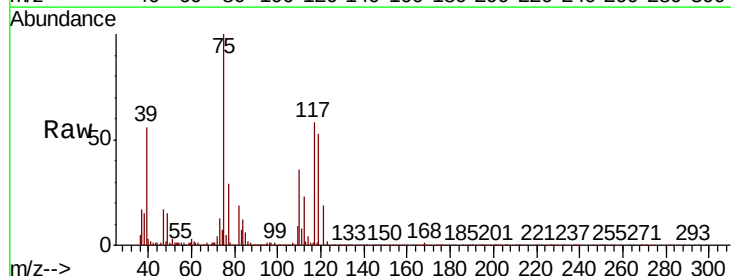
Instrument :
MSVOA_X
ClientSampleId :

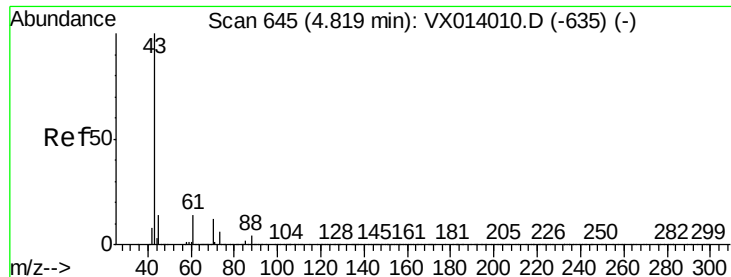
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.0	123.0
192	23.6	19.3	28.9



#36
1,1-Dichloropropene
Concen: 18.349 ug/l
RT: 5.79 min Scan# 805
Delta R.T. 0.01 min
Lab File: VX014398.D
Acq: 03 Jan 2020 14:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.3	18.3	54.9
77	30.7	24.8	37.2

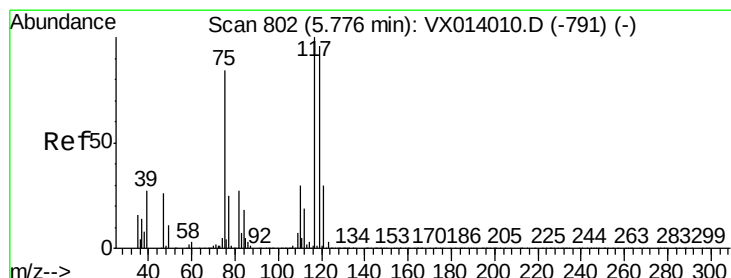
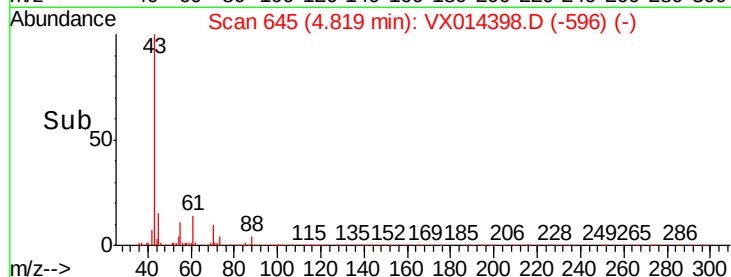
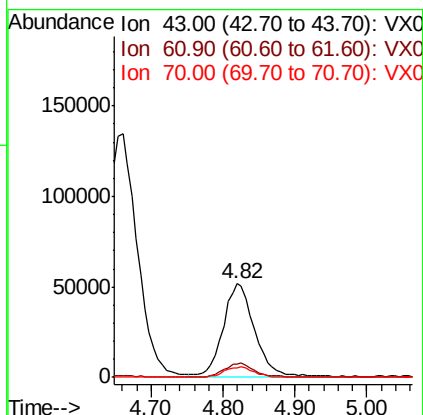
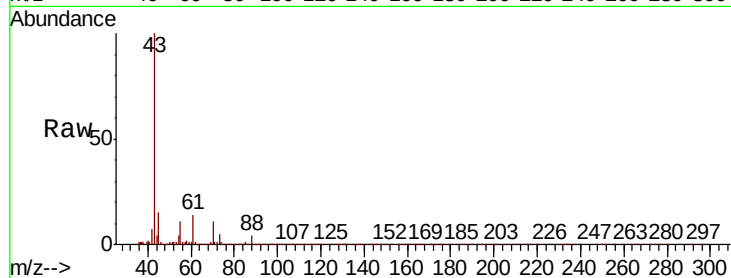




#37
Ethyl Acetate
Concen: 20.387 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014398.D
Acq: 03 Jan 2020 14:17

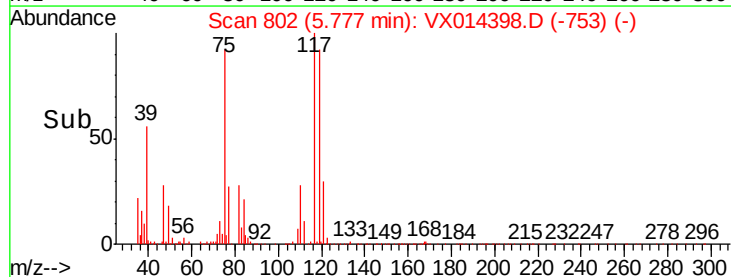
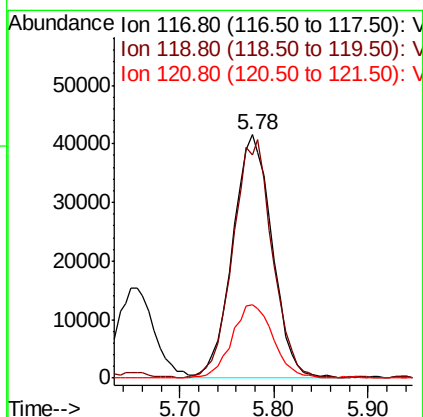
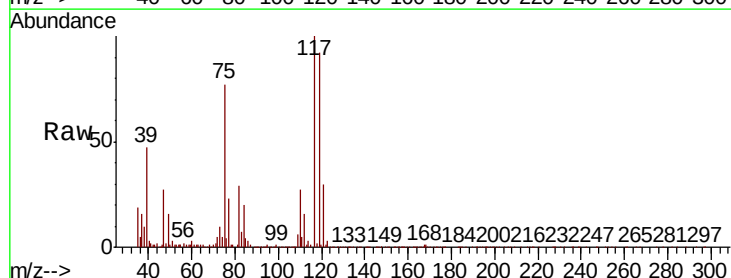
Instrument :
MSVOA_X
ClientSampleId :

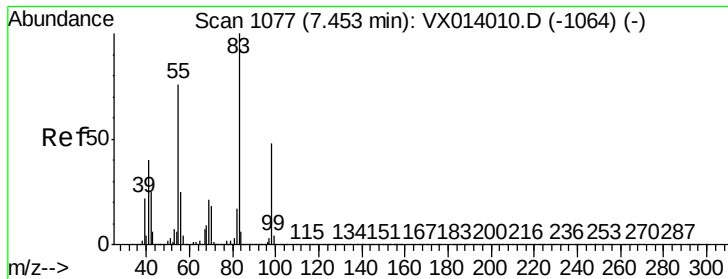
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.8	16.2
70	10.7	8.6	12.8



#38
Carbon Tetrachloride
Concen: 19.354 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014398.D
Acq: 03 Jan 2020 14:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.7	76.2	114.4
121	30.0	23.6	35.4

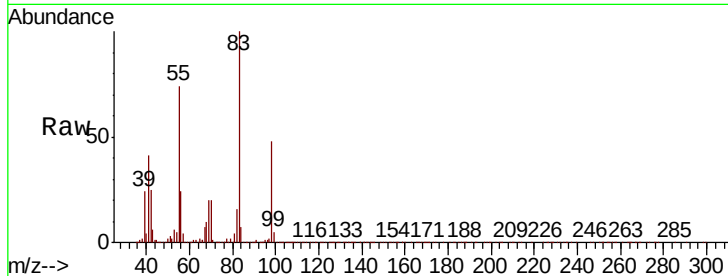




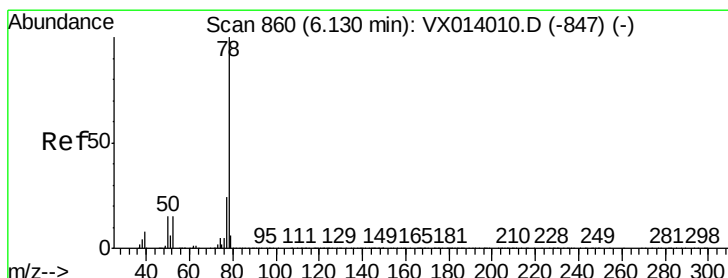
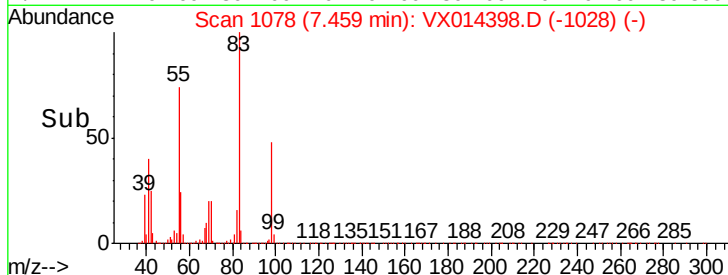
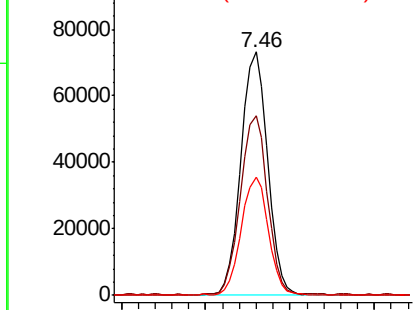
#39
Methylvlcyclohexane
Concen: 18.433 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014398.D
Acq: 03 Jan 2020 14:17

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.4	61.0	91.6
98	48.3	38.6	57.8

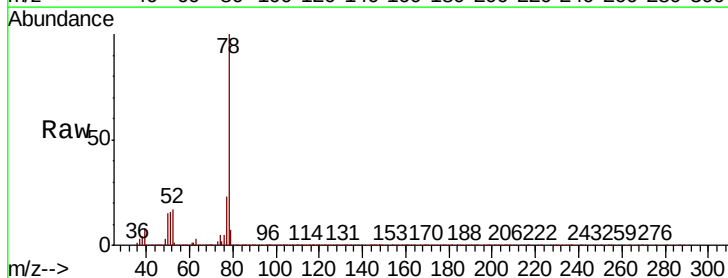


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

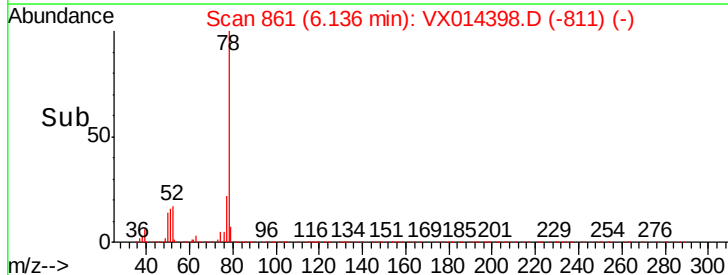
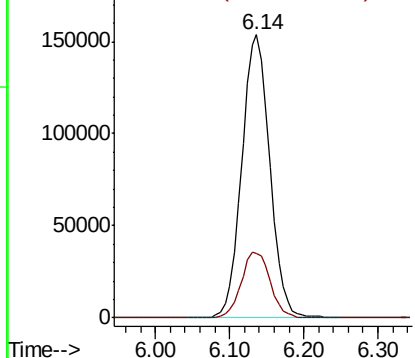


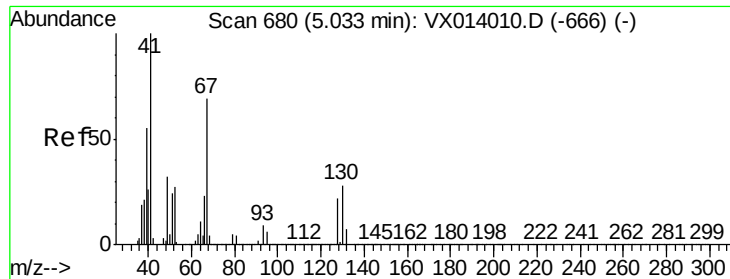
#40
Benzene
Concen: 19.151 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014398.D
Acq: 03 Jan 2020 14:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.8	28.2



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

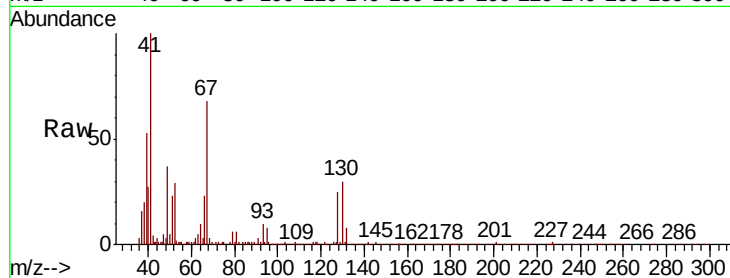




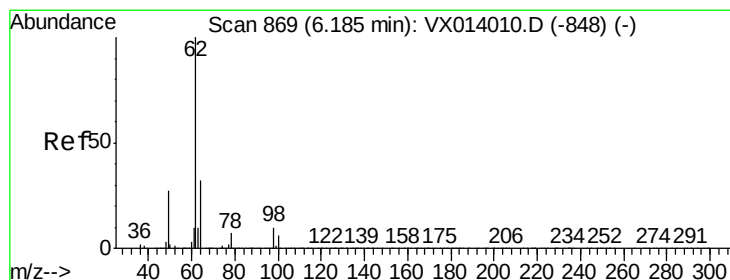
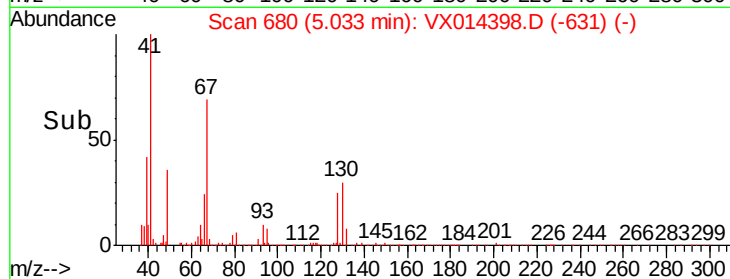
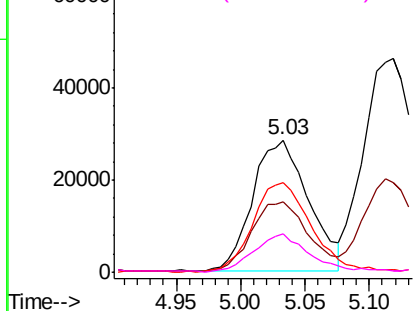
#41
Methacrylonitrile
Concen: 20.311 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX014398.D
Acq: 03 Jan 2020 14:17

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	85325
Ion	Ratio	Lower	Upper
41	100		
39	54.3	44.5	66.7
67	71.3	57.4	86.0
52	29.6	23.0	34.4

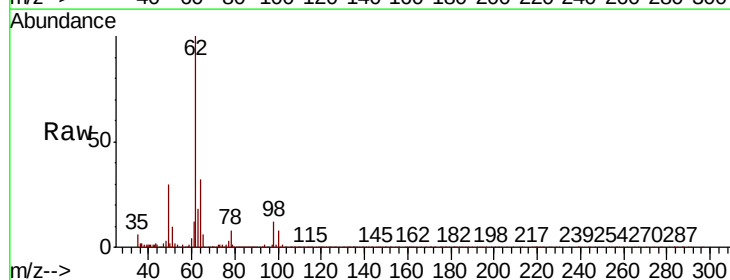


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

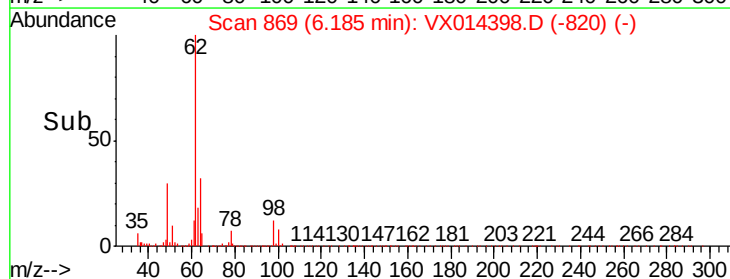
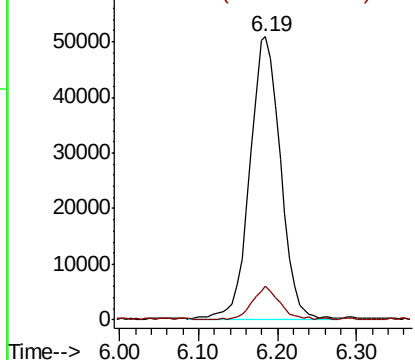


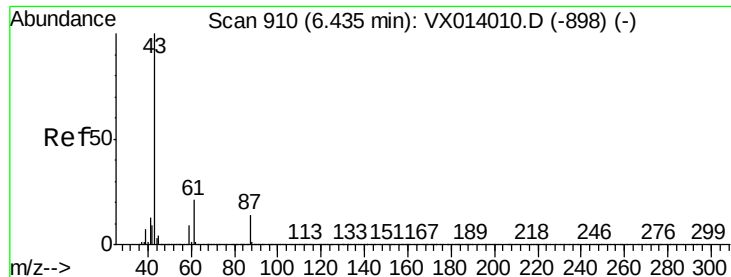
#42
1,2-Dichloroethane
Concen: 19.196 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014398.D
Acq: 03 Jan 2020 14:17

Tgt Ion:	62	Resp:	137272
Ion	Ratio	Lower	Upper
62	100		
98	10.9	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: 19.737 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014398.D

Acq: 03 Jan 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

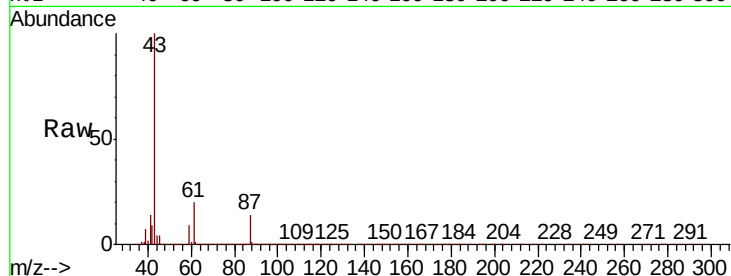
Tot Ion: 43 Resp: 247306

Ion Ratio Lower Upper

43 100

61 21.0 16.4 24.6

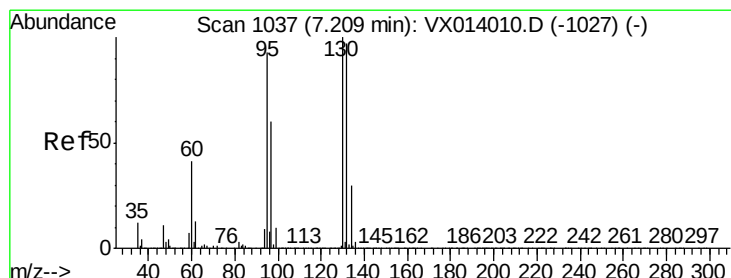
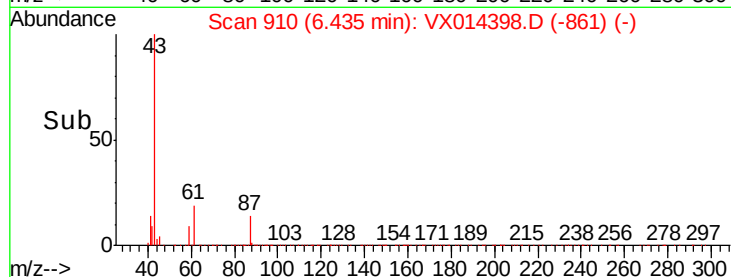
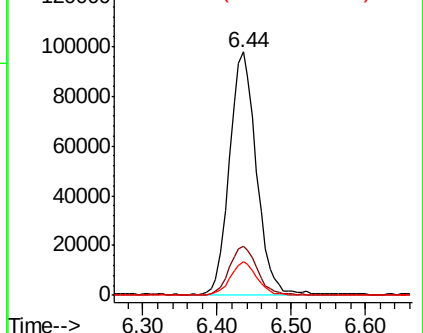
87 13.3 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.179 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014398.D

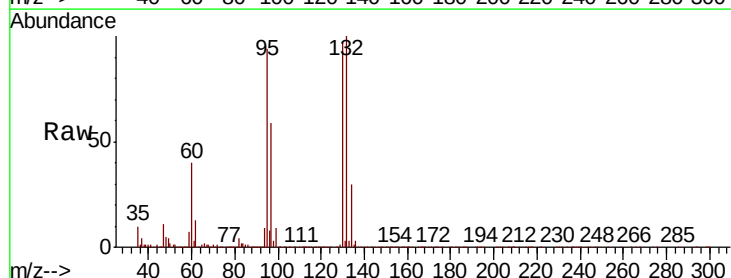
Acq: 03 Jan 2020 14:17

Tgt Ion:130 Resp: 105926

Ion Ratio Lower Upper

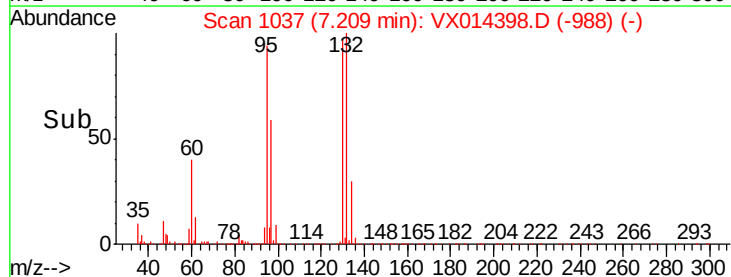
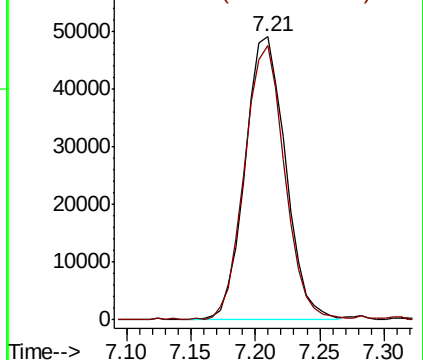
130 100

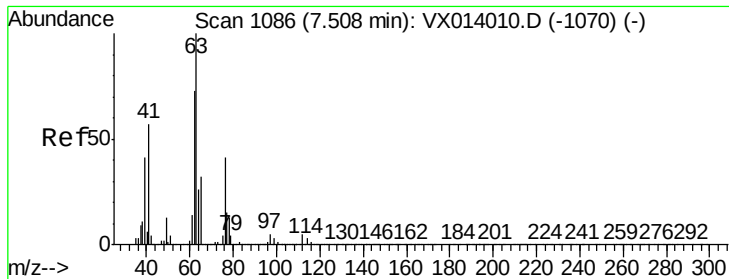
95 96.7 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.803 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014398.D

Acq: 03 Jan 2020 14:17

Instrument :

MSVOA_X

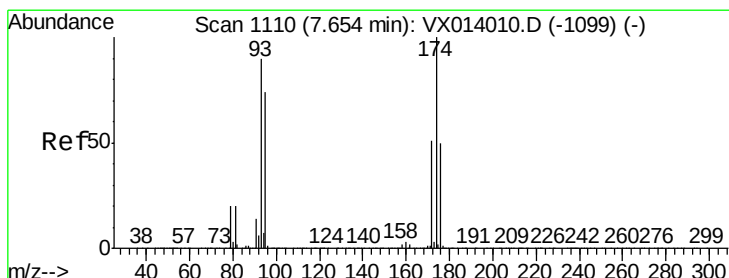
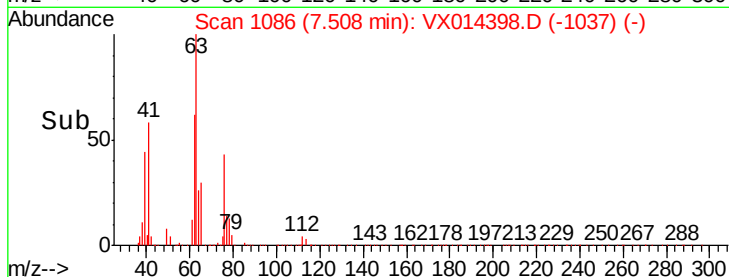
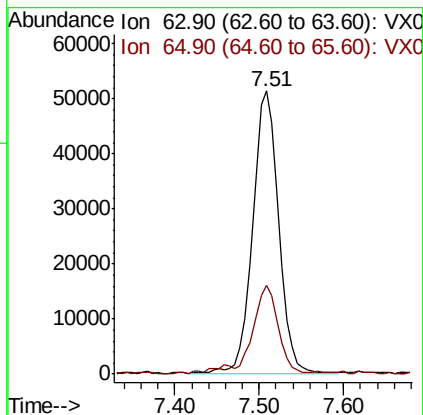
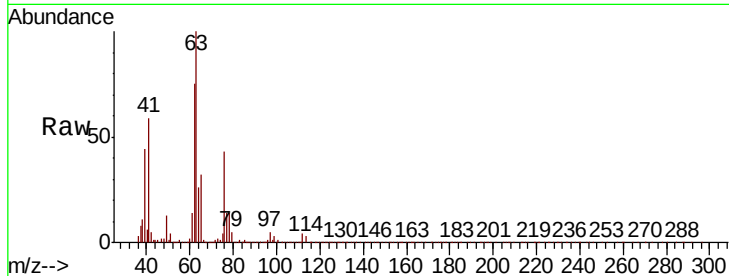
ClientSampled :

Tot Ion: 63 Resp: 107075

Ion Ratio Lower Upper

63 100

65 31.3 25.8 38.8



#46

Dibromomethane

Concen: 18.596 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014398.D

Acq: 03 Jan 2020 14:17

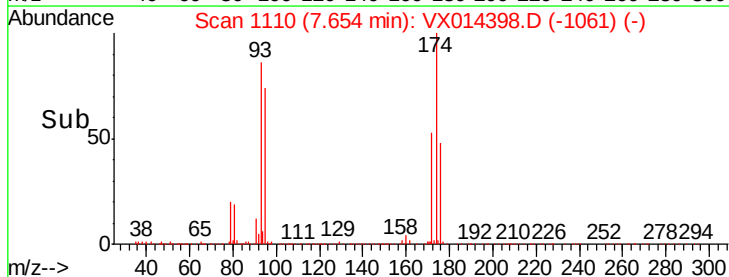
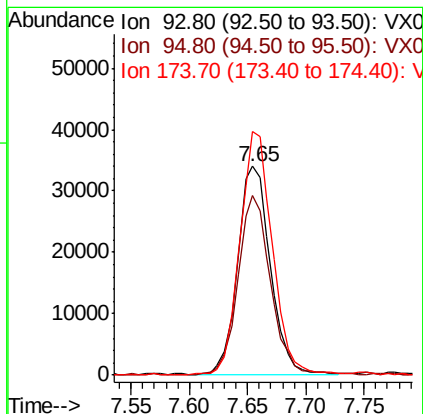
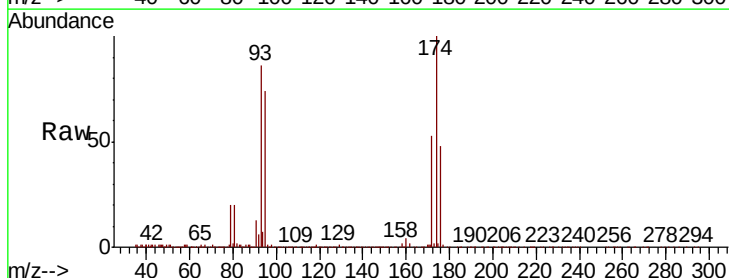
Tgt Ion: 93 Resp: 66481

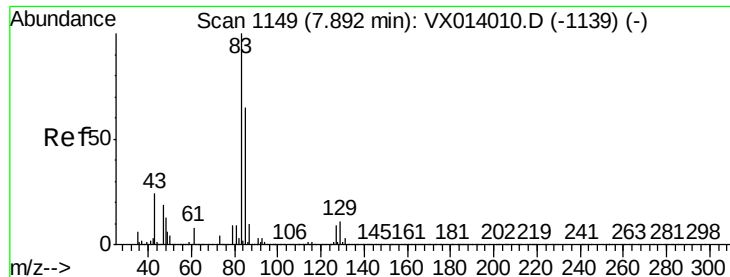
Ion Ratio Lower Upper

93 100

95 86.7 67.3 100.9

174 116.9 91.6 137.4





#47

Bromodichloromethane

Concen: 19.742 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014398.D

Acq: 03 Jan 2020 14:17

Instrument :
MSVOA_X
ClientSampleId :

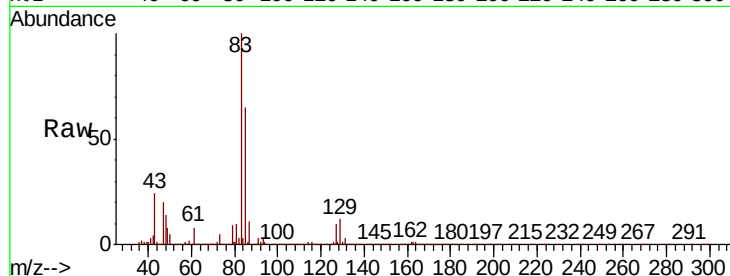
Tot Ion: 83 Resp: 132921

Ion Ratio Lower Upper

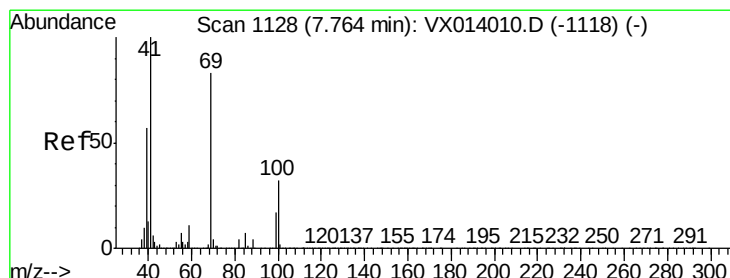
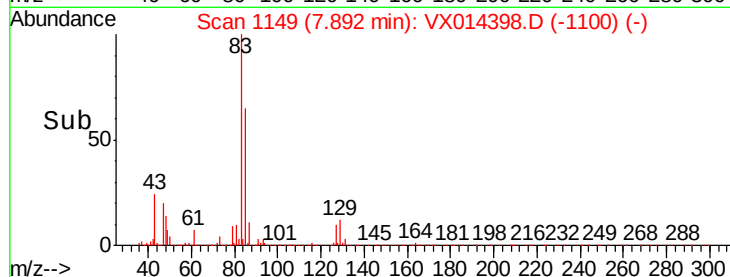
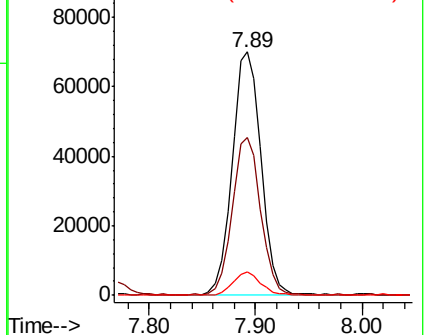
83 100

85 64.8 51.8 77.8

127 9.5 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: 19.189 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014398.D

Acq: 03 Jan 2020 14:17

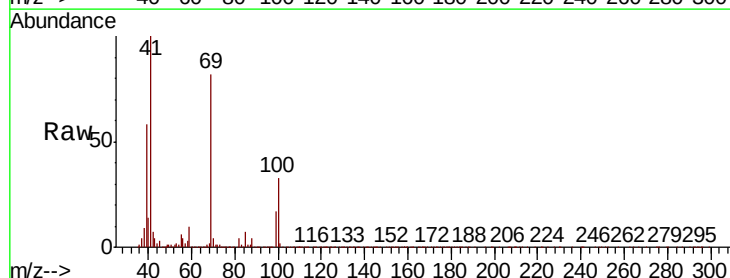
Tgt Ion: 41 Resp: 117738

Ion Ratio Lower Upper

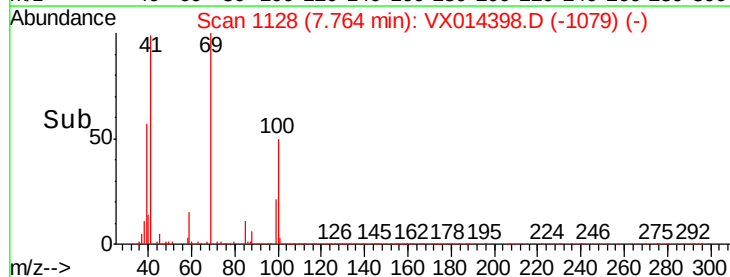
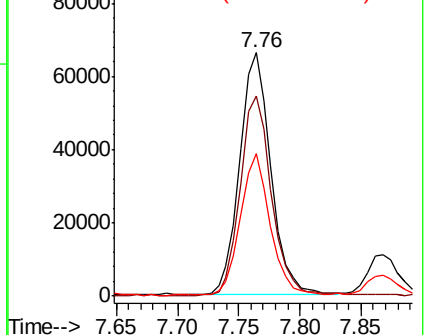
41 100

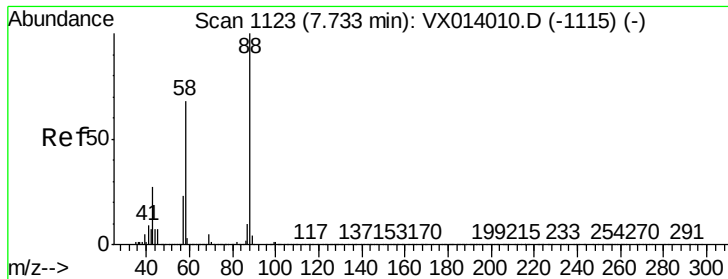
69 83.5 65.8 98.6

39 55.4 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: 369.334 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014398.D

Acq: 03 Jan 2020 14:17

Instrument :
MSVOA_X
ClientSampled :

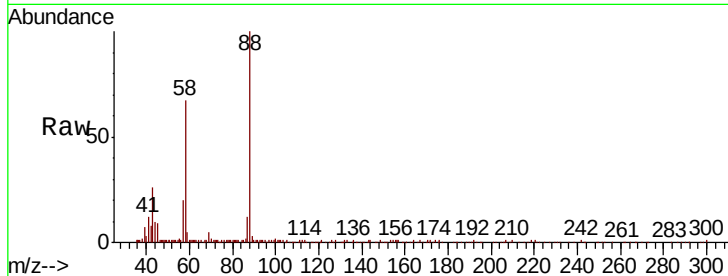
Tot Ion: 88 Resp: 46116

Ion Ratio Lower Upper

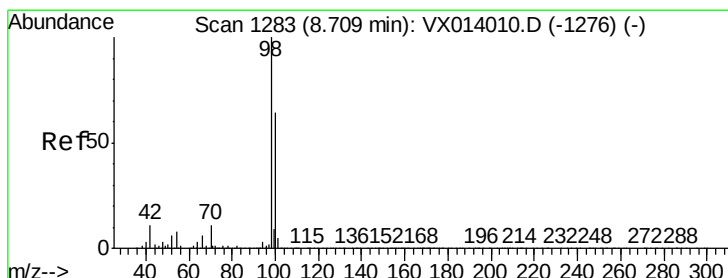
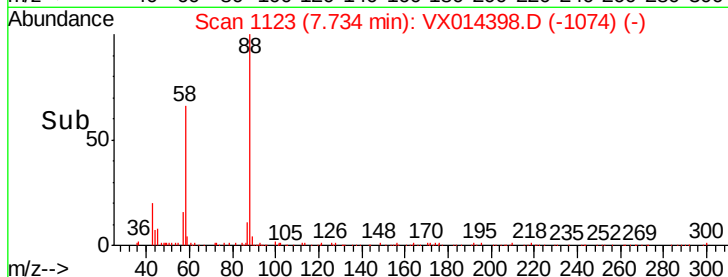
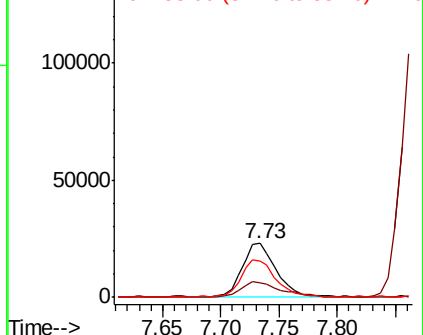
88 100

43 36.7 26.5 39.7

58 75.0 56.8 85.2



Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.011 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014398.D

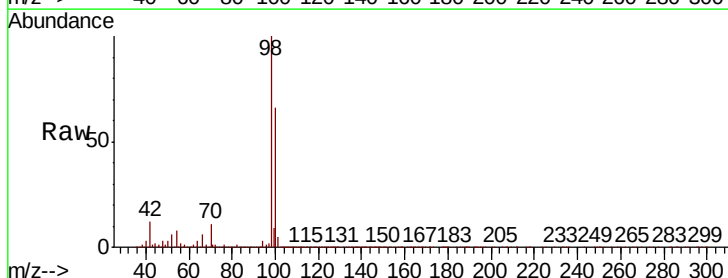
Acq: 03 Jan 2020 14:17

Tgt Ion: 98 Resp: 884428

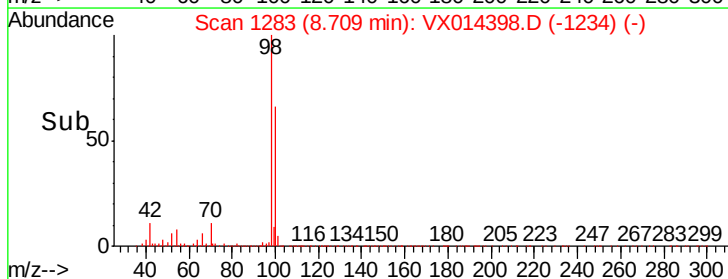
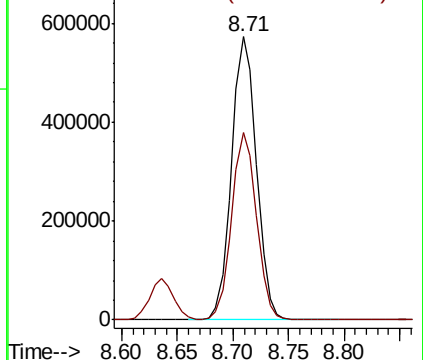
Ion Ratio Lower Upper

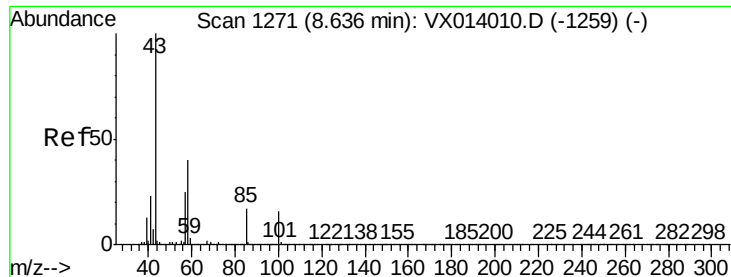
98 100

100 65.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 98.829 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014398.D

Acq: 03 Jan 2020 14:17

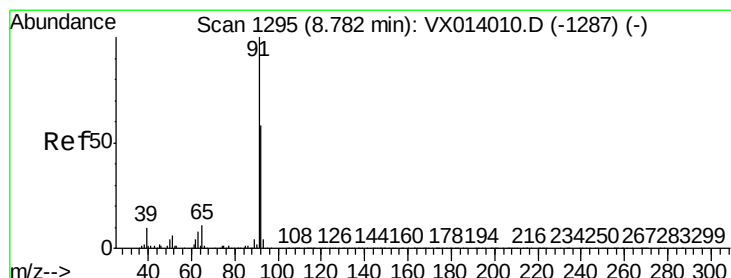
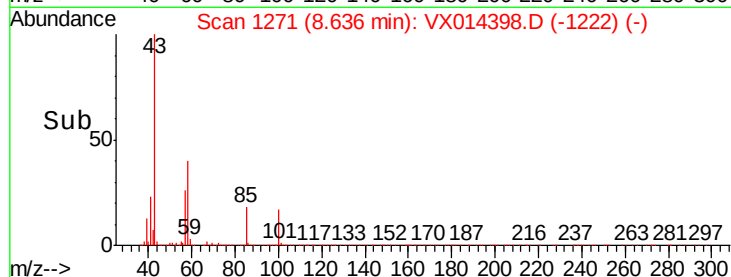
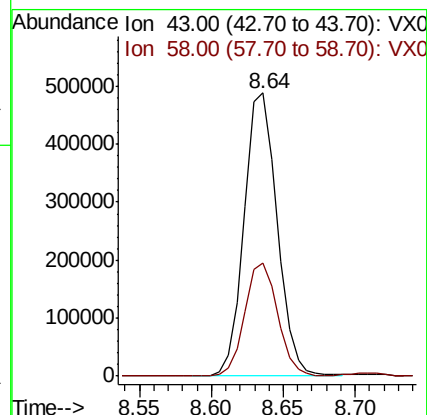
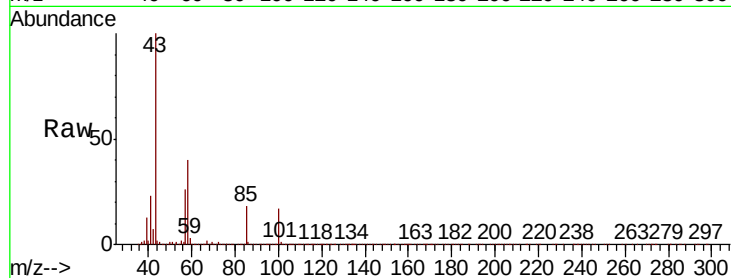
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 777705

Ion Ratio Lower Upper

43 100

58 39.9 32.2 48.2



#52

Toluene

Concen: 18.807 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014398.D

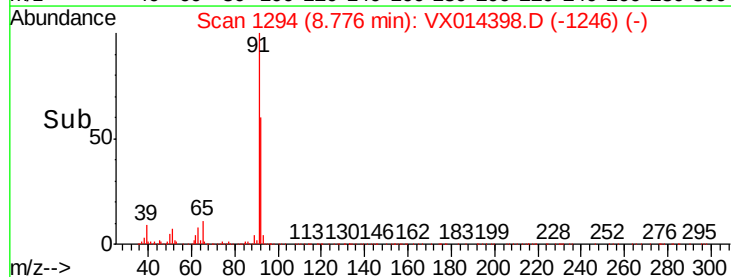
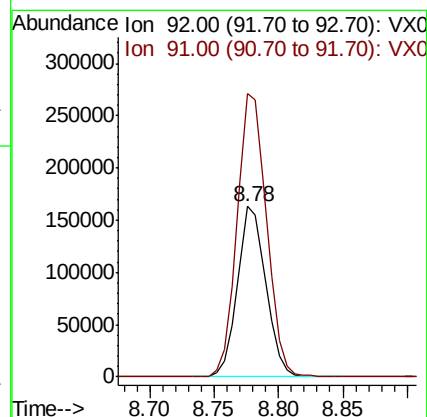
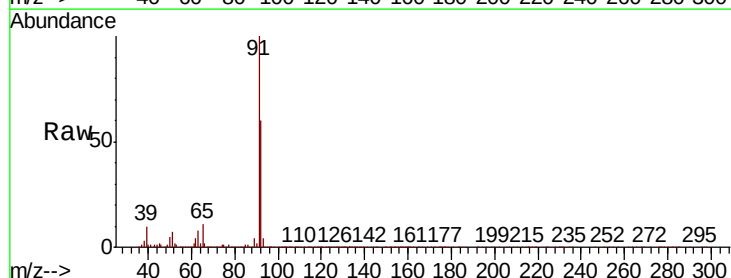
Acq: 03 Jan 2020 14:17

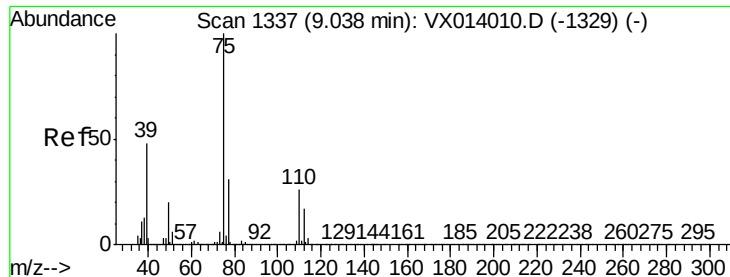
Tgt Ion: 92 Resp: 250772

Ion Ratio Lower Upper

92 100

91 172.4 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 19.403 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014398.D

Acq: 03 Jan 2020 14:17

Instrument :

MSVOA_X

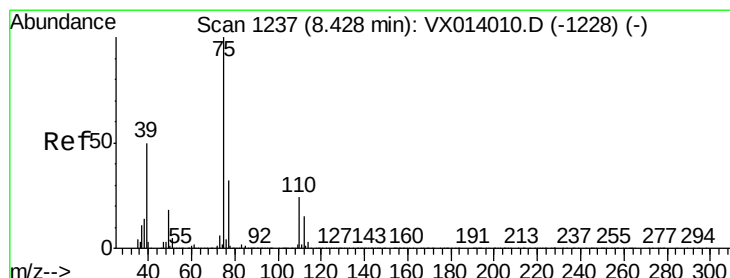
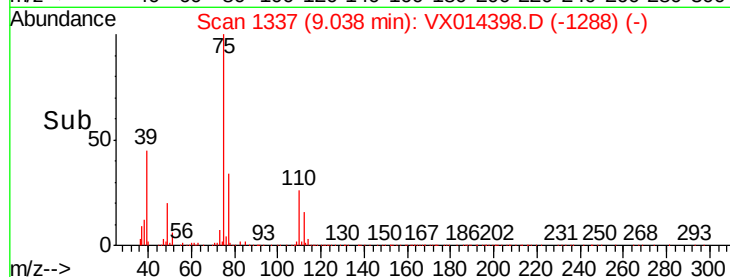
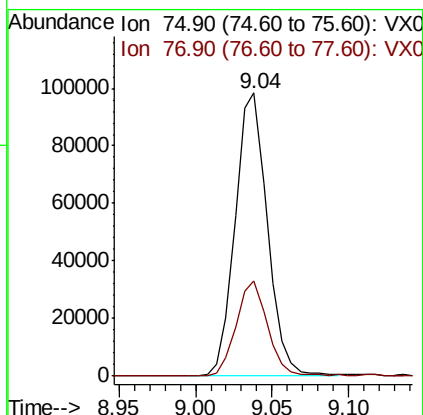
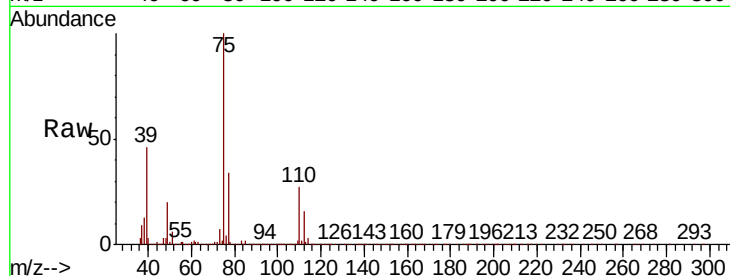
ClientSampled :

Tot Ion: 75 Resp: 143247

Ion Ratio Lower Upper

75 100

77 33.6 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 19.385 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014398.D

Acq: 03 Jan 2020 14:17

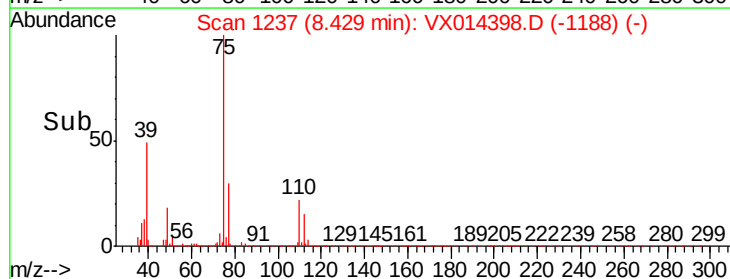
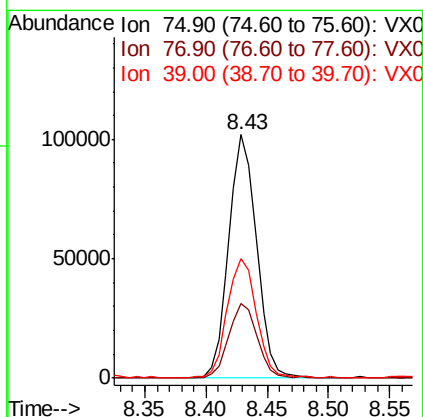
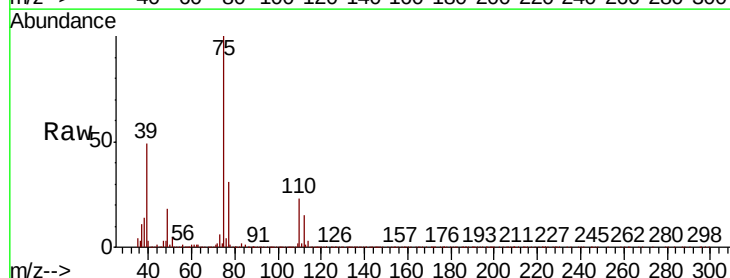
Tgt Ion: 75 Resp: 159436

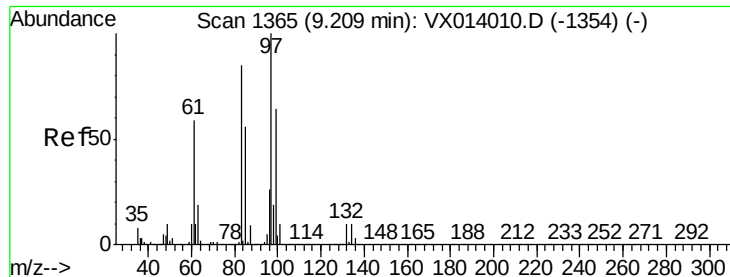
Ion Ratio Lower Upper

75 100

77 30.5 25.3 37.9

39 49.1 39.9 59.9

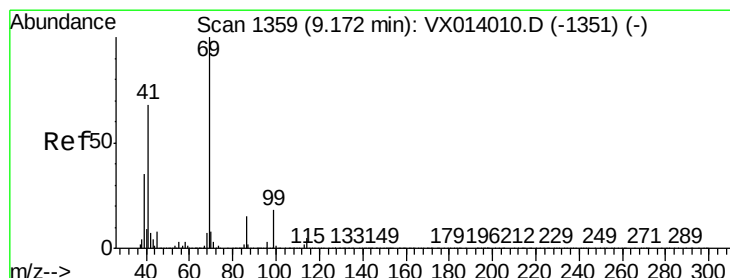
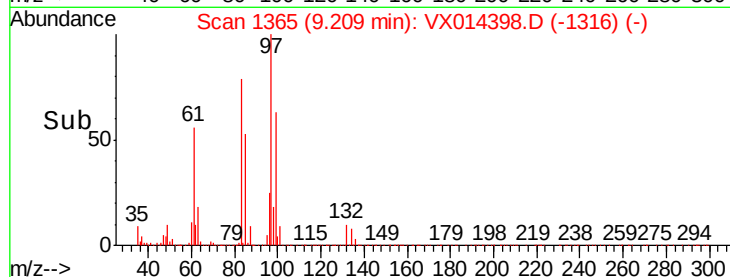
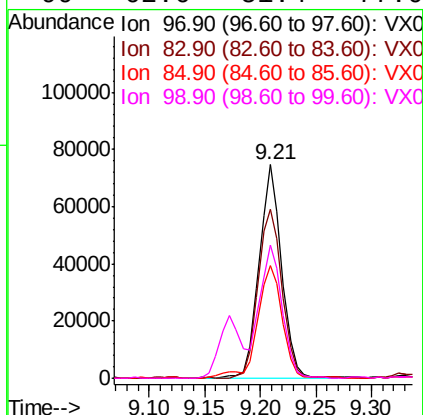
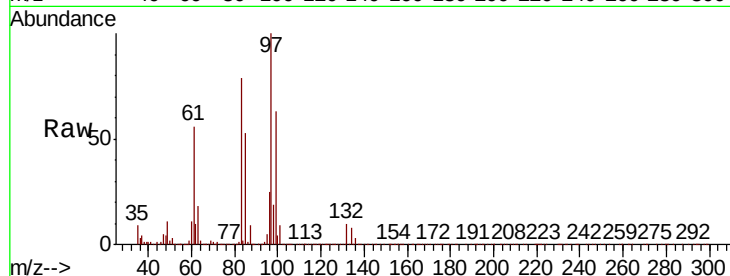




#55
 1,1,2-Trichloroethane
 Concen: 19.615 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014398.D
 Acq: 03 Jan 2020 14:17

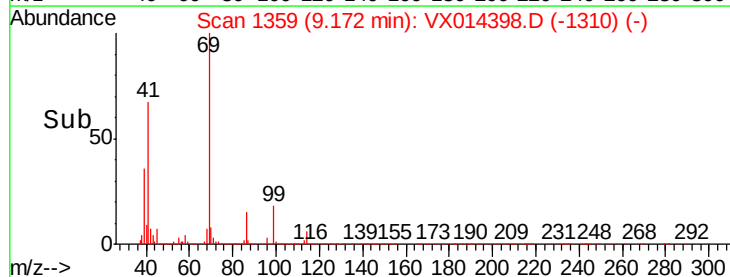
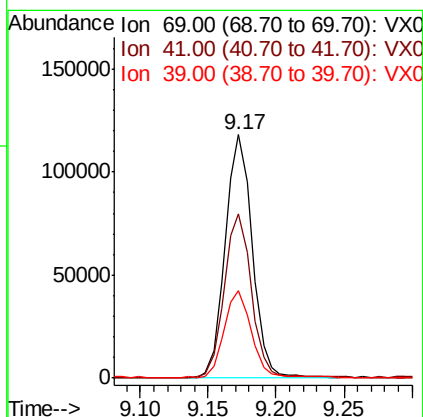
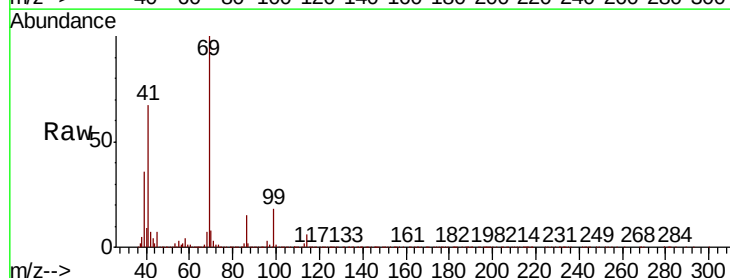
Instrument :
 MSVOA_X
 ClientSampled :

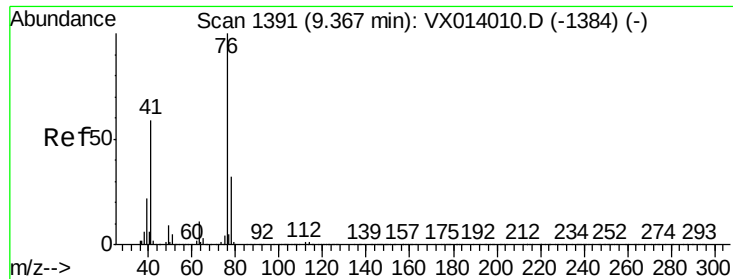
Tot Ion:	97	Resp:	104827
Ion	Ratio	Lower	Upper
97	100		
83	78.9	68.2	102.4
85	52.7	44.6	66.8
99	62.6	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 19.354 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014398.D
 Acq: 03 Jan 2020 14:17

Tgt Ion:	69	Resp:	162478
Ion	Ratio	Lower	Upper
69	100		
41	69.8	54.8	82.2
39	36.0	28.3	42.5

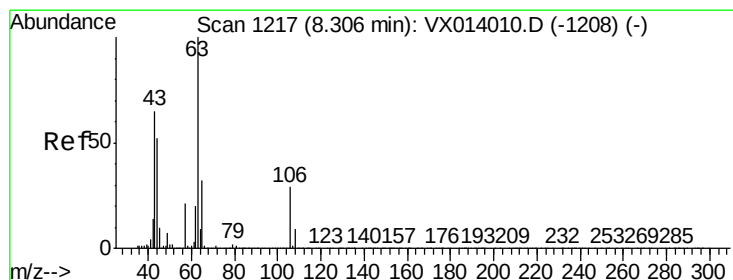
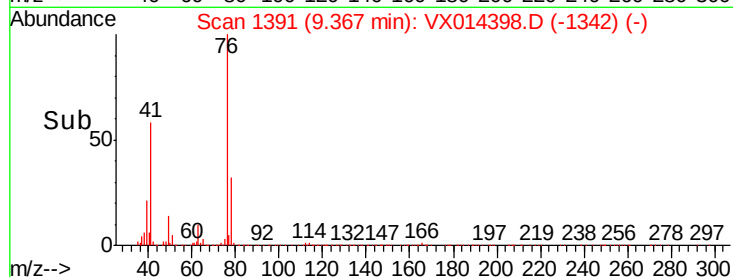
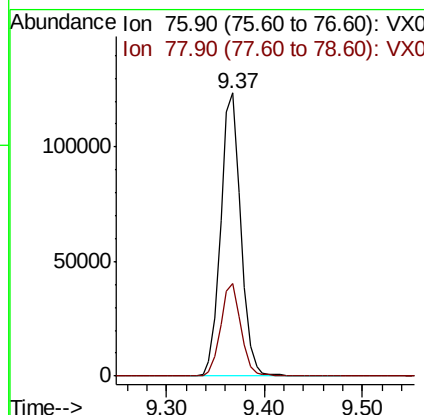
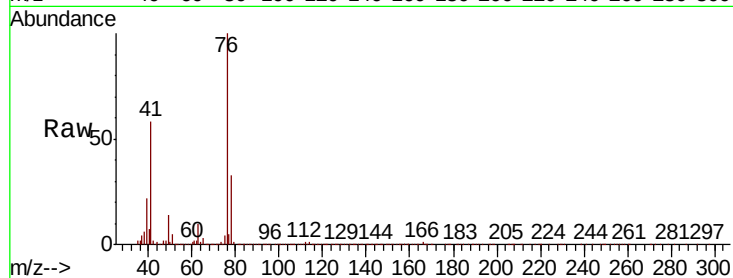




#57
 1,3-Dichloropropane
 Concen: 19.594 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX014398.D
 Acq: 03 Jan 2020 14:17

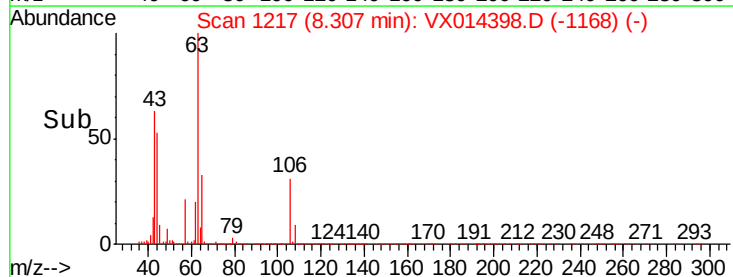
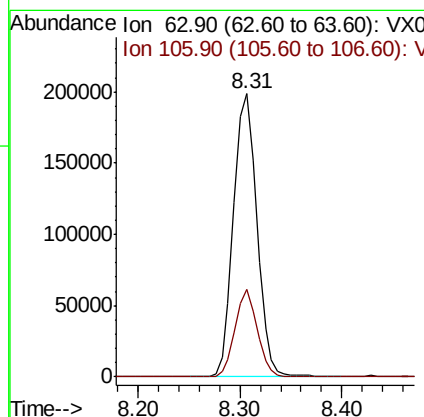
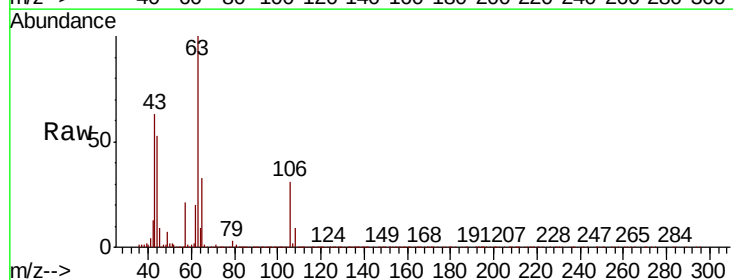
Instrument :
 MSVOA_X
 ClientSampleId :

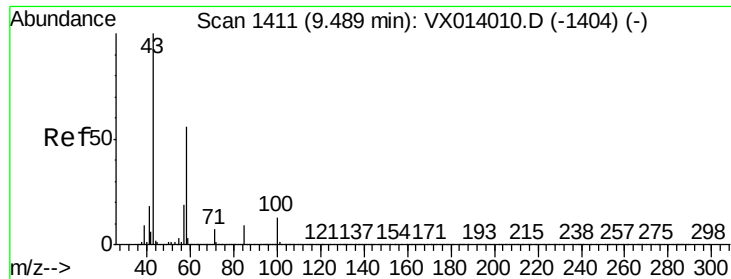
Tot Ion: 76 Resp: 176182
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.718 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX014398.D
 Acq: 03 Jan 2020 14:17

Tgt Ion: 63 Resp: 313620
 Ion Ratio Lower Upper
 63 100
 106 29.2 23.0 34.6

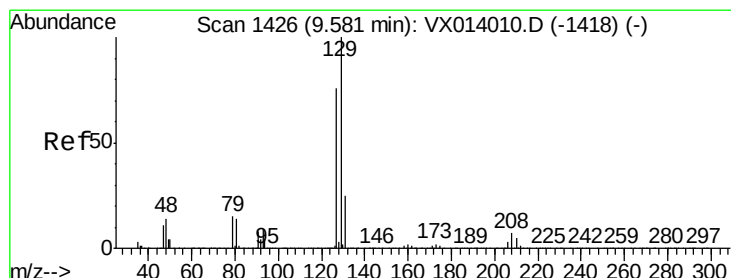
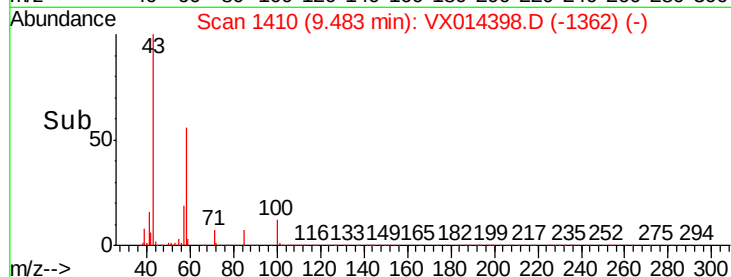
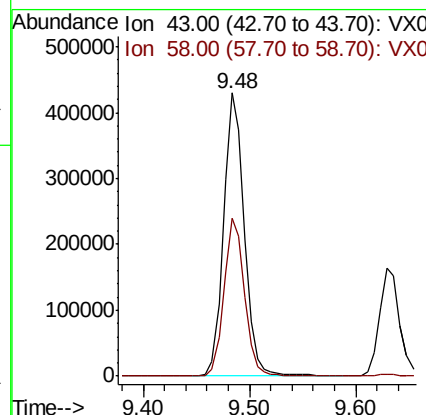
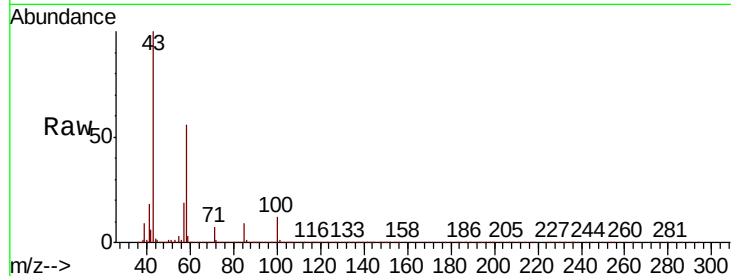




#59
2-Hexanone
Concen: 91.471 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014398.D
Acq: 03 Jan 2020 14:17

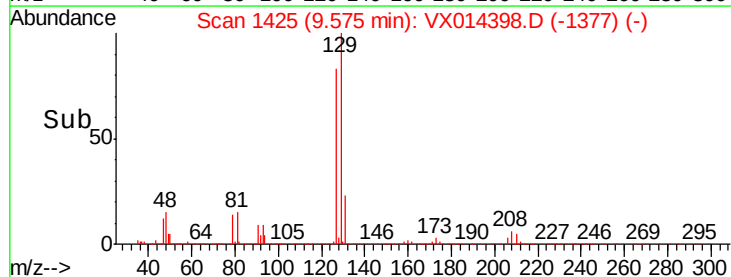
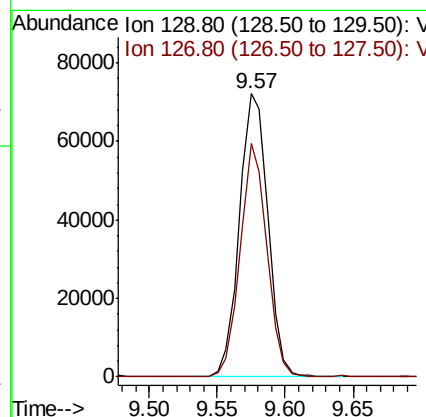
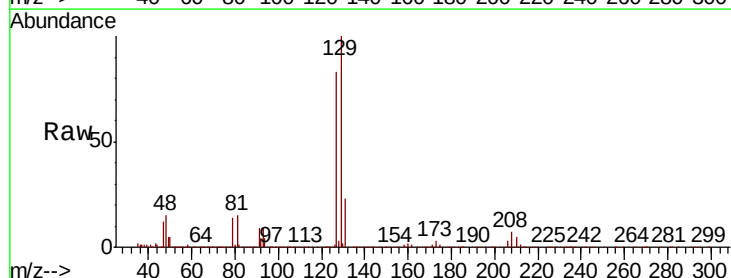
Instrument :
MSVOA_X
ClientSampled :

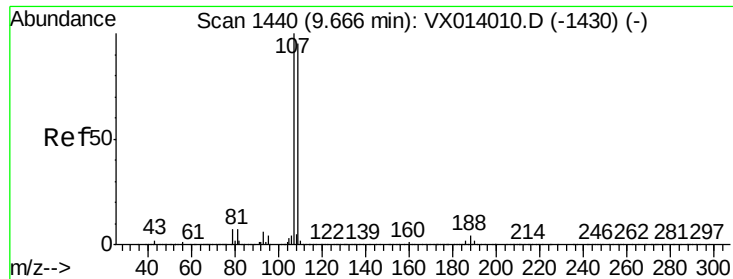
Tot Ion: 43 Resp: 579440
Ion Ratio Lower Upper
43 100
58 55.9 28.0 84.0



#60
Dibromochloromethane
Concen: 19.657 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014398.D
Acq: 03 Jan 2020 14:17

Tgt Ion: 129 Resp: 104422
Ion Ratio Lower Upper
129 100
127 78.3 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.833 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014398.D

Acq: 03 Jan 2020 14:17

Instrument :

MSVOA_X

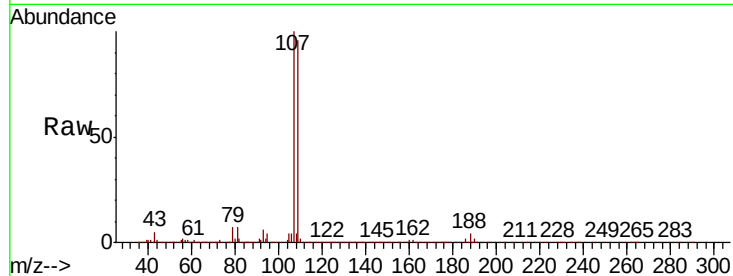
ClientSampleId :

Tot Ion:107 Resp: 108446

Ion Ratio Lower Upper

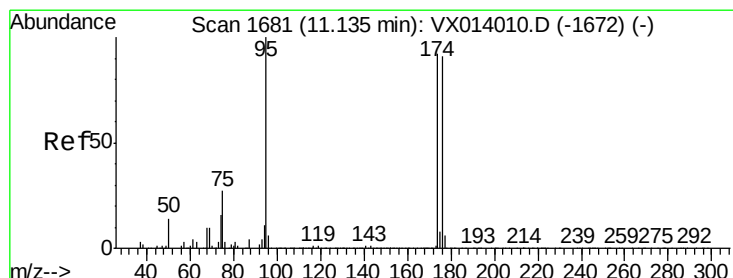
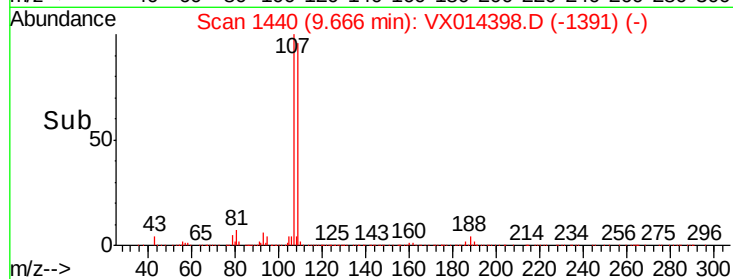
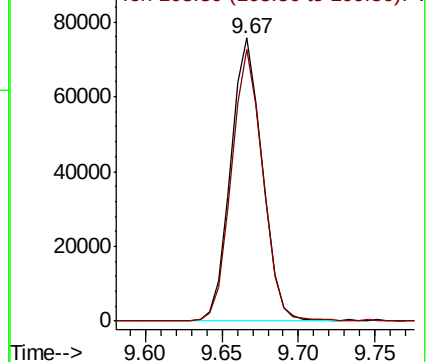
107 100

109 94.5 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.446 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014398.D

Acq: 03 Jan 2020 14:17

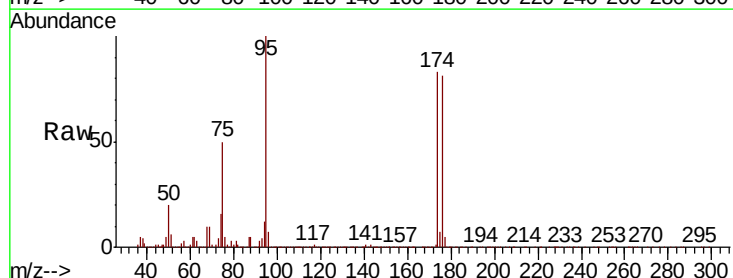
Tgt Ion: 95 Resp: 306716

Ion Ratio Lower Upper

95 100

174 90.5 0.0 175.8

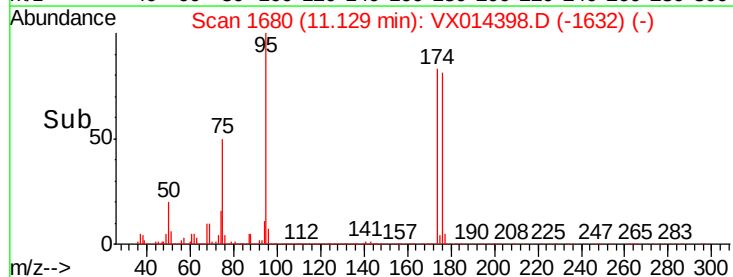
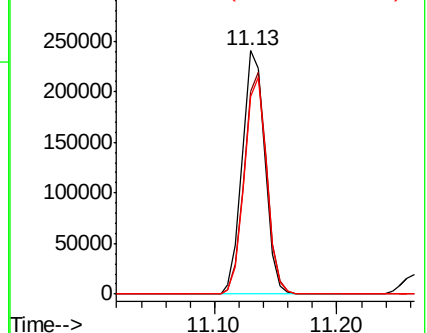
176 88.3 0.0 173.0

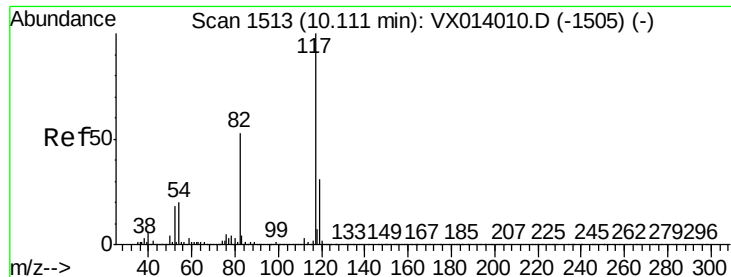


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

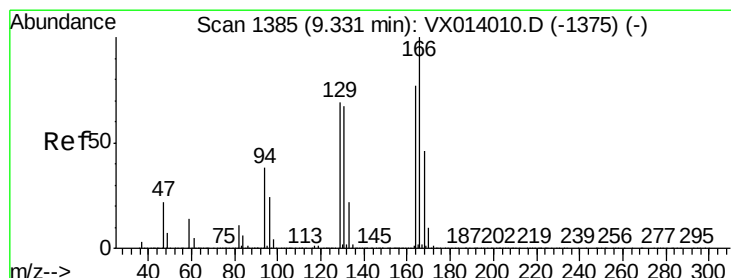
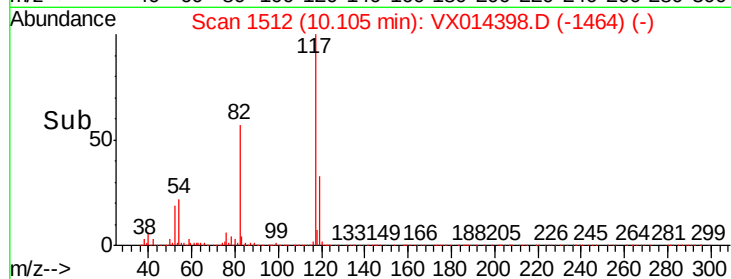
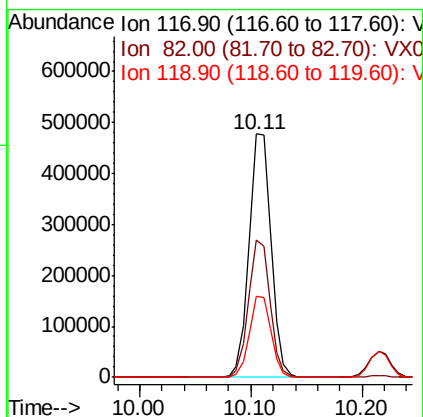
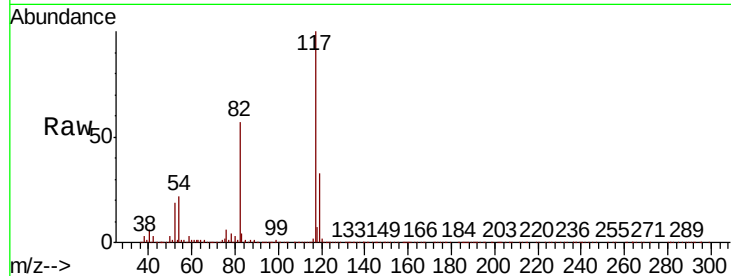




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014398.D
Acq: 03 Jan 2020 14:17

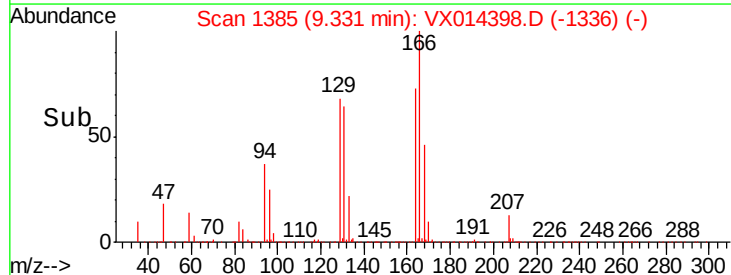
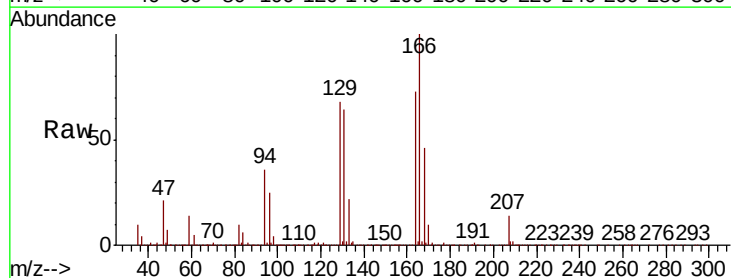
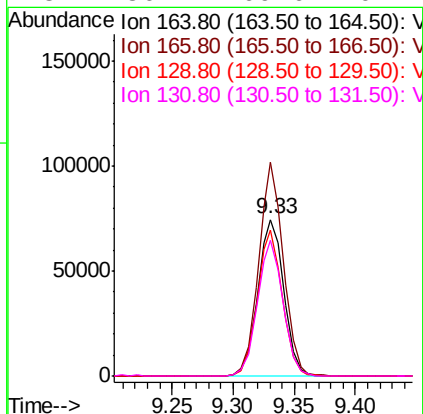
Instrument :
MSVOA_X
ClientSampleId :

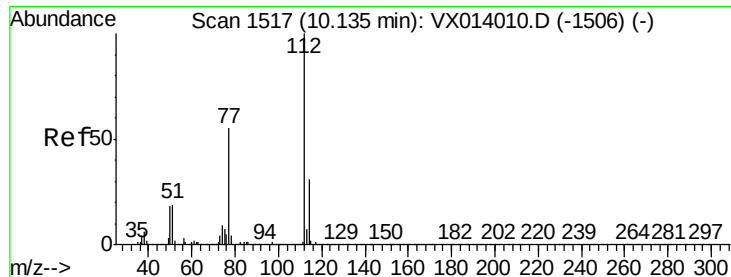
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.5	42.2	63.4
119	33.2	25.1	37.7



#64
Tetrachloroethene
Concen: 18.906 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014398.D
Acq: 03 Jan 2020 14:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	136.7	104.0	156.0
129	93.3	72.2	108.4
131	86.7	69.6	104.4





#65

Chlorobenzene

Concen: 19.142 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014398.D

Acq: 03 Jan 2020 14:17

Instrument :

MSVOA_X

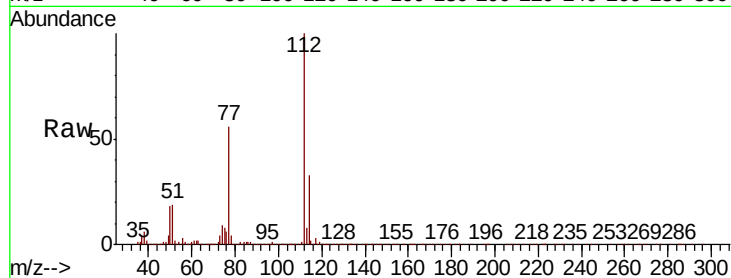
ClientSampleId :

Tot Ion:112 Resp: 268194

Ion Ratio Lower Upper

112 100

114 33.2 24.9 37.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

200000

150000

100000

50000

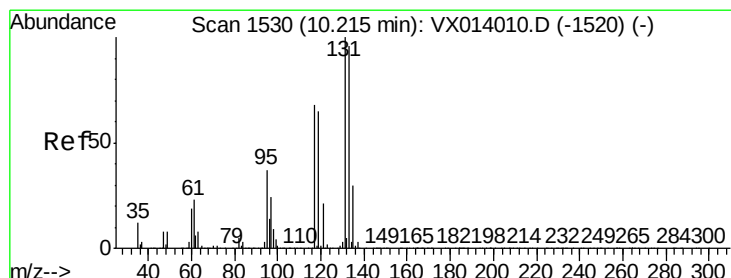
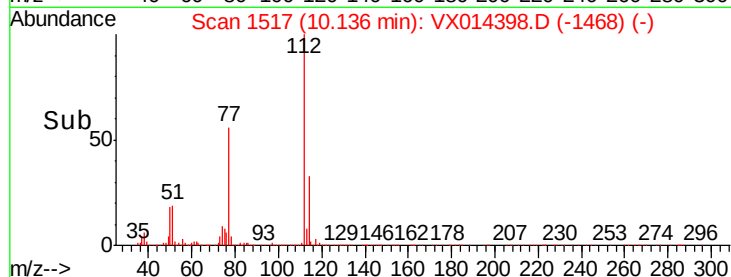
0

10.10

10.14

10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.323 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014398.D

Acq: 03 Jan 2020 14:17

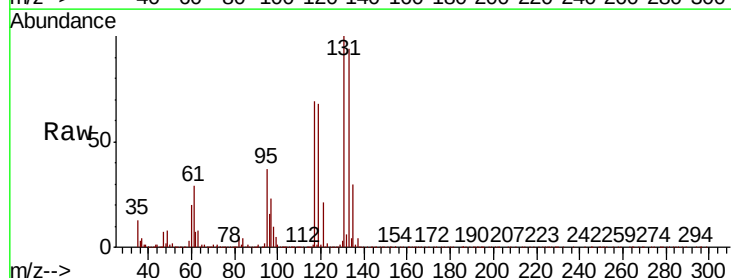
Tgt Ion:131 Resp: 101668

Ion Ratio Lower Upper

131 100

133 94.7 48.0 144.0

119 66.4 33.4 100.2



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

200000

150000

100000

50000

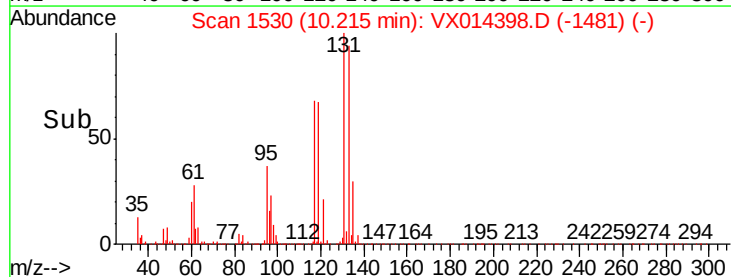
0

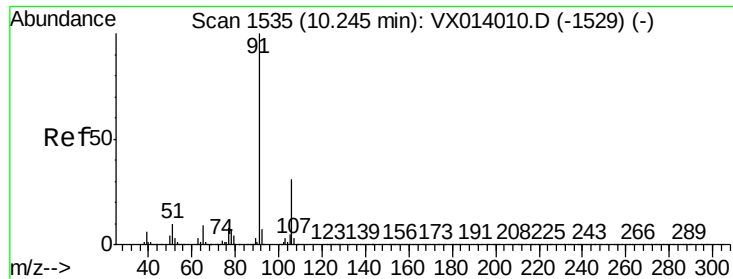
10.20

10.21

10.30

Time-->





#67

Ethyl Benzene

Concen: 19.521 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014398.D

Acq: 03 Jan 2020 14:17

Instrument :

MSVOA_X

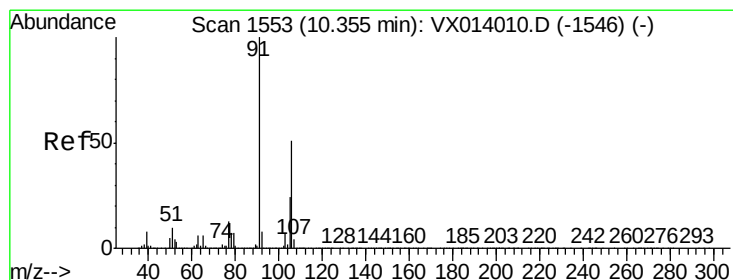
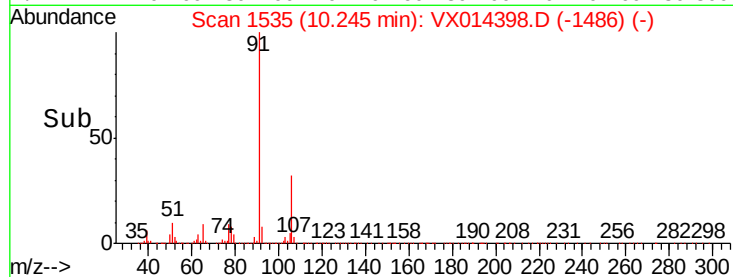
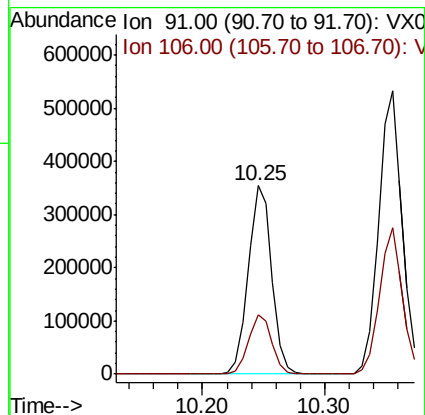
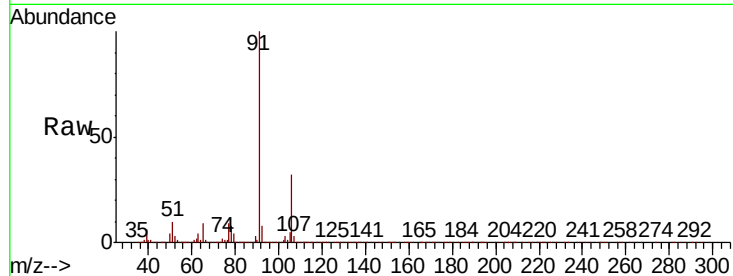
ClientSampled :

Tot Ion: 91 Resp: 470210

Ion Ratio Lower Upper

91 100

106 31.8 25.0 37.6



#68

m/p-Xylenes

Concen: 38.664 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014398.D

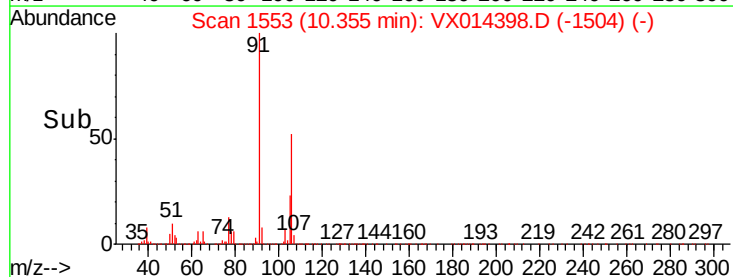
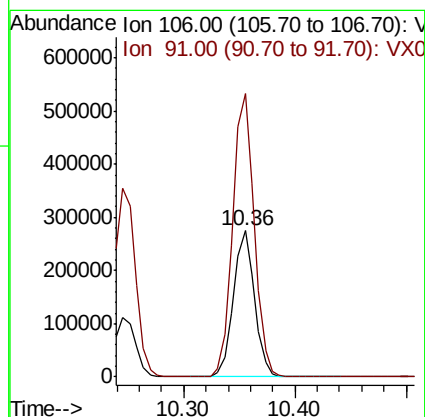
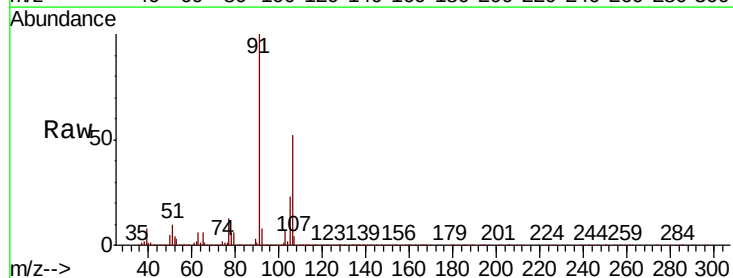
Acq: 03 Jan 2020 14:17

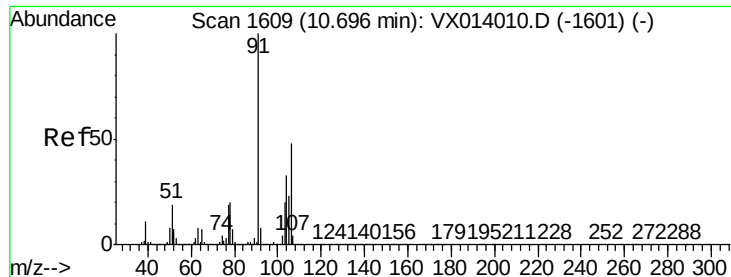
Tgt Ion: 106 Resp: 358194

Ion Ratio Lower Upper

106 100

91 198.9 158.6 238.0

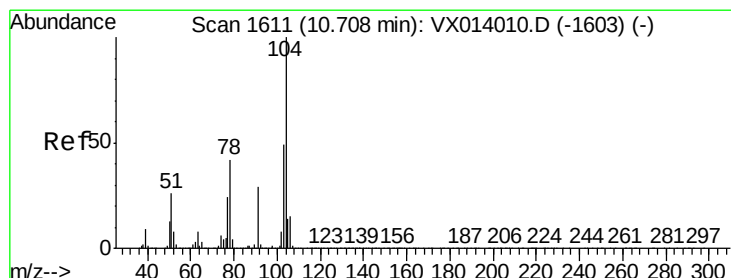
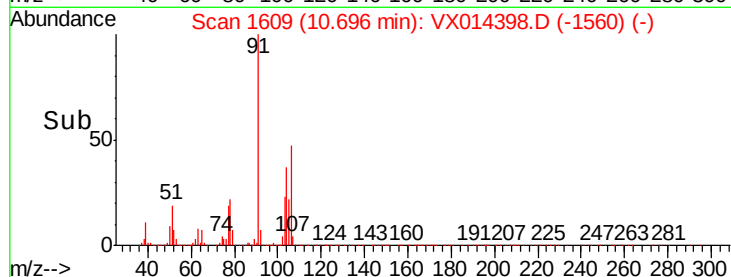
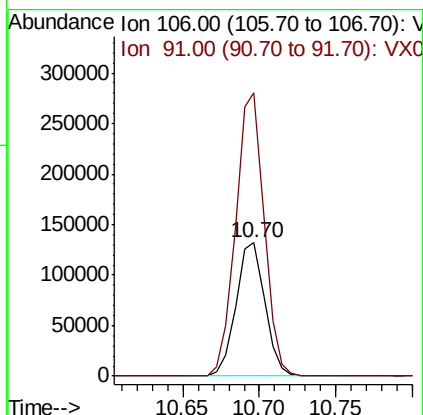
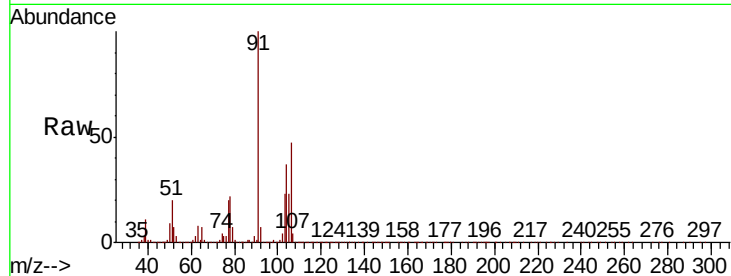




#69
o-Xylene
Concen: 18.986 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014398.D
Acq: 03 Jan 2020 14:17

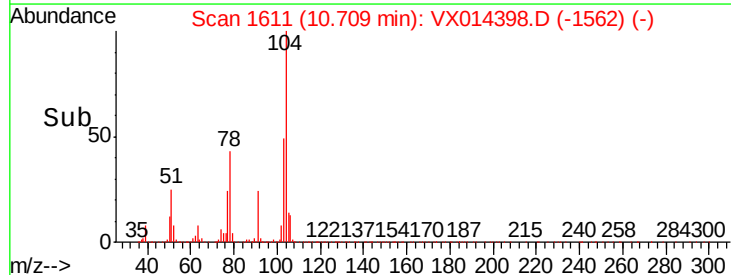
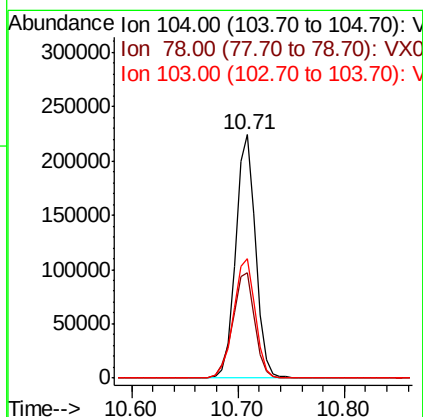
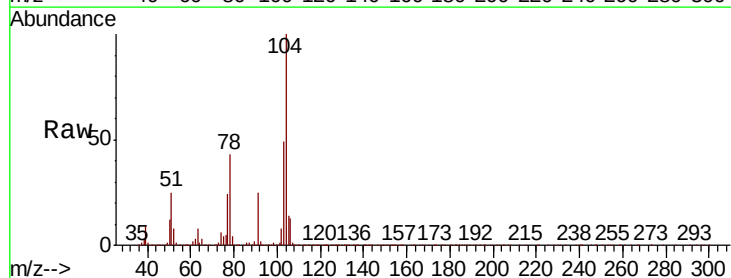
Instrument :
MSVOA_X
ClientSampled :

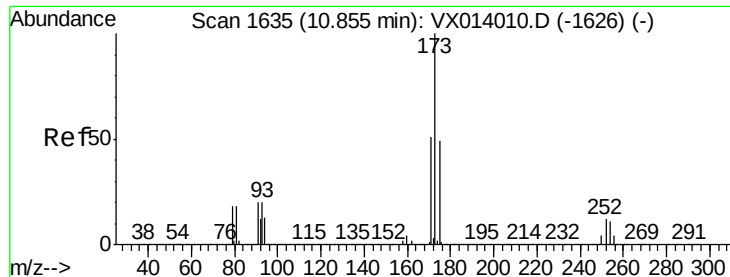
Tot Ion:106 Resp: 172504
Ion Ratio Lower Upper
106 100
91 209.1 104.2 312.6



#70
Styrene
Concen: 19.213 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014398.D
Acq: 03 Jan 2020 14:17

Tgt Ion:104 Resp: 295199
Ion Ratio Lower Upper
104 100
78 47.7 38.5 57.7
103 53.5 42.9 64.3





#71

Bromoform

Concen: 19.610 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014398.D

Acq: 03 Jan 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

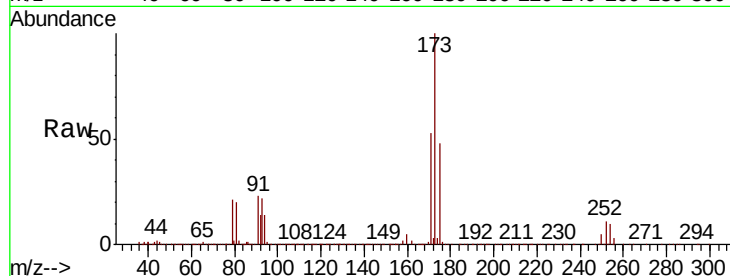
Tot Ion:173 Resp: 78858

Ion Ratio Lower Upper

173 100

175 49.5 24.4 73.4

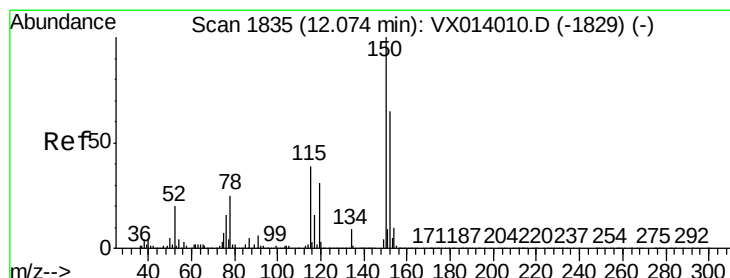
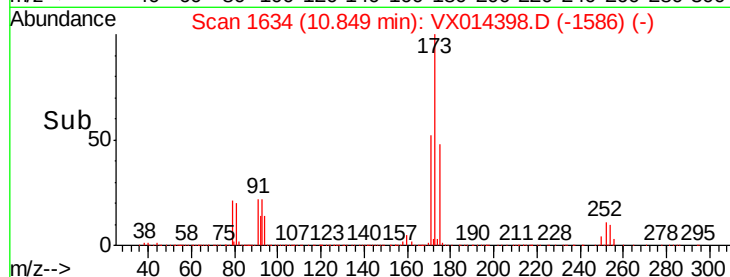
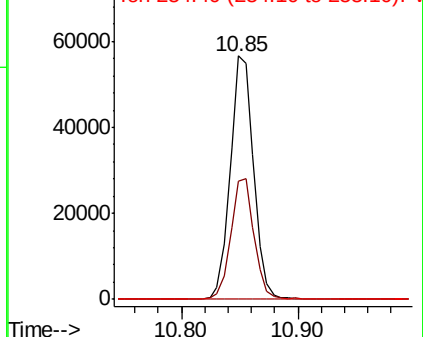
254 0.1 0.2 0.2#



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: VX014398.D

Acq: 03 Jan 2020 14:17

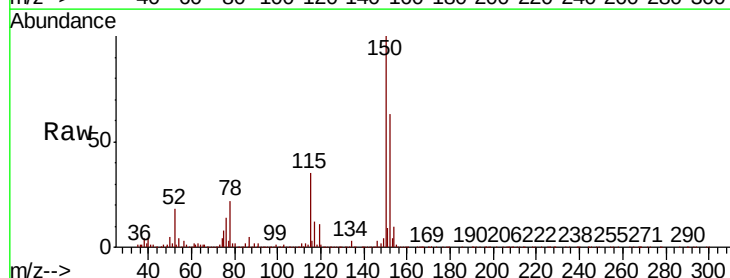
Tgt Ion:152 Resp: 321114

Ion Ratio Lower Upper

152 100

115 63.6 38.3 114.9

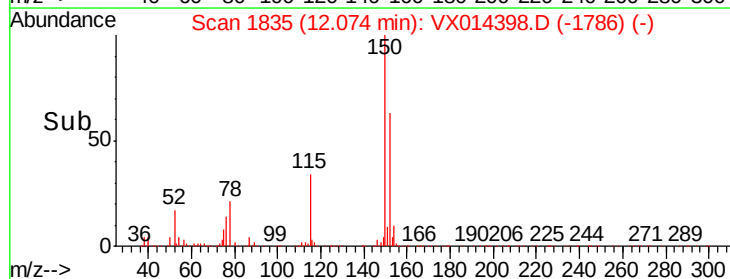
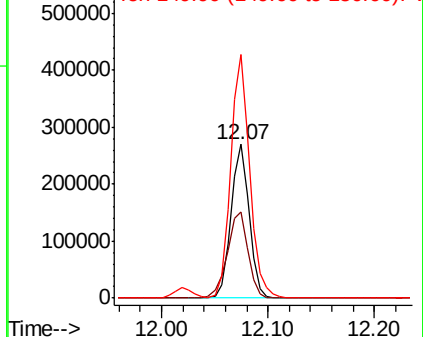
150 165.8 0.0 345.4

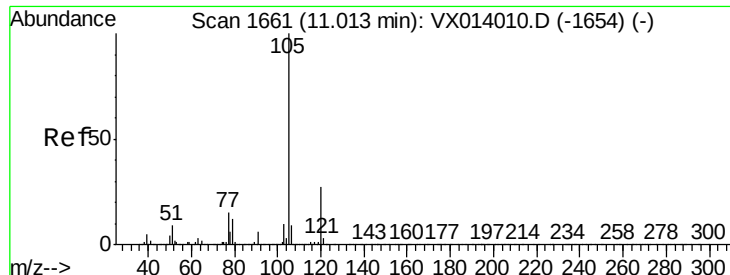


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

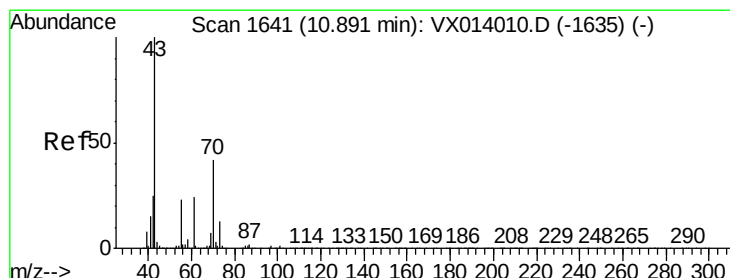
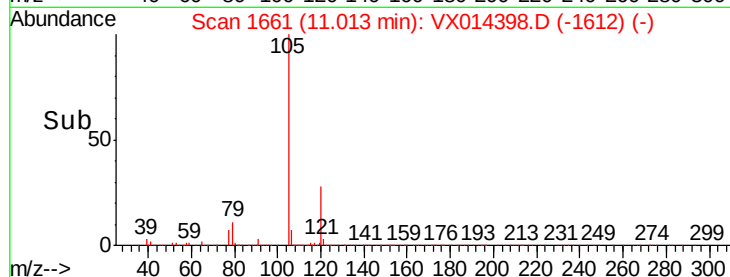
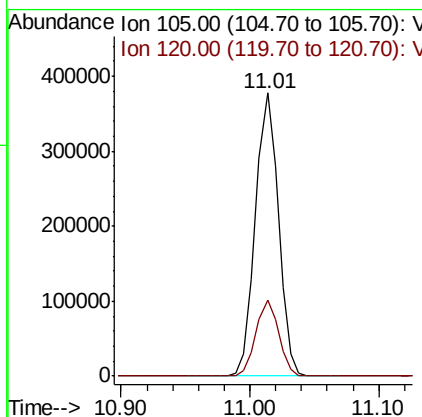
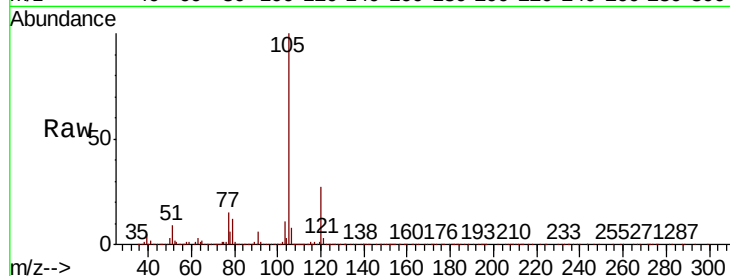




#73
Isopropylbenzene
Concen: 20.536 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014398.D
Acq: 03 Jan 2020 14:17

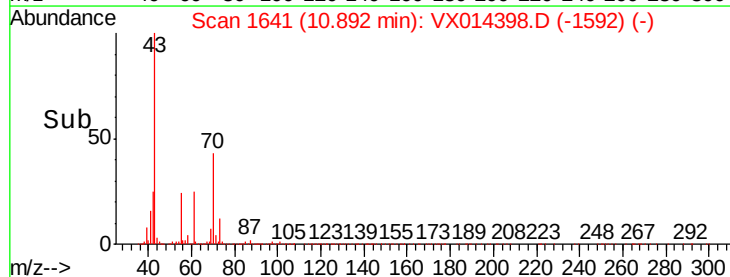
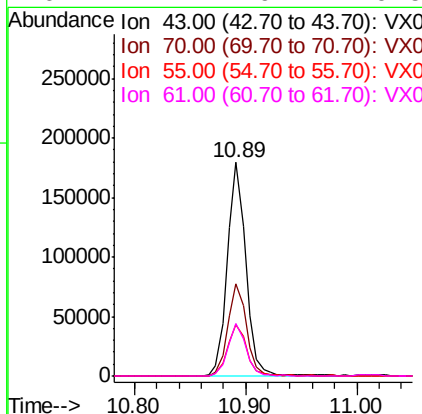
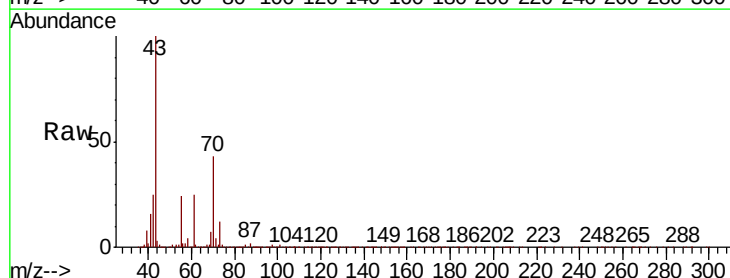
Instrument :
MSVOA_X
ClientSampleId :

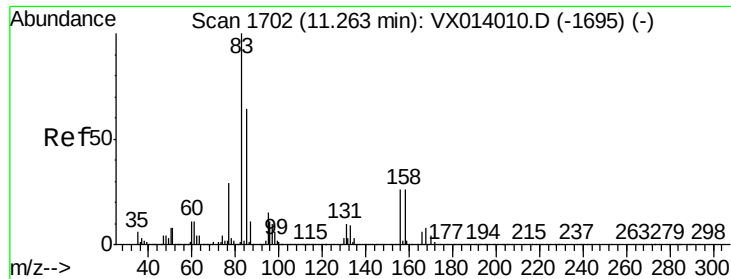
Tot Ion:105 Resp: 464291
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.4



#74
N-ethyl acetate
Concen: 19.383 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX014398.D
Acq: 03 Jan 2020 14:17

Tgt Ion: 43 Resp: 205416
Ion Ratio Lower Upper
43 100
70 44.4 34.4 51.6
55 24.6 19.1 28.7
61 24.1 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.395 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014398.D

Acq: 03 Jan 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

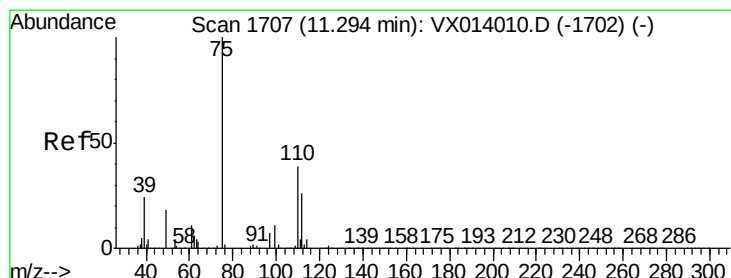
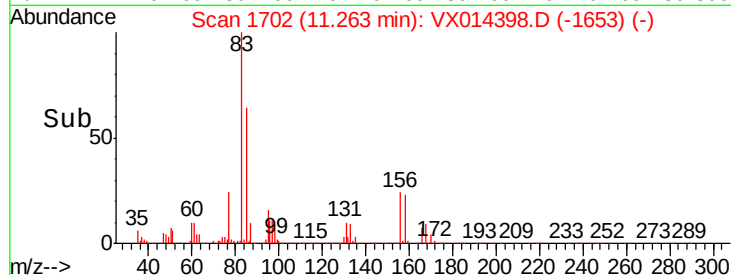
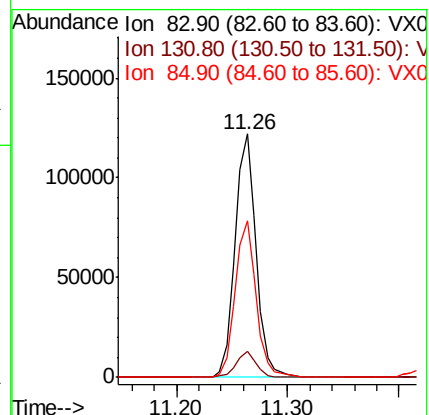
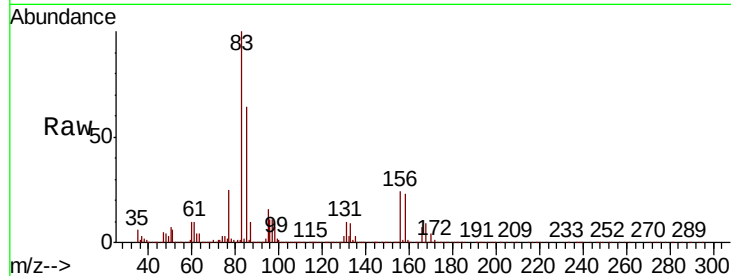
Tot Ion: 83 Resp: 159863

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.2

85 63.7 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 25.942 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014398.D

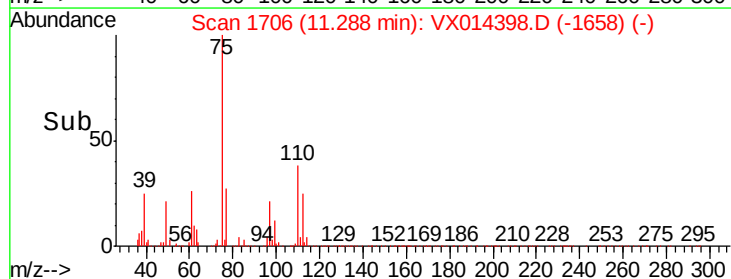
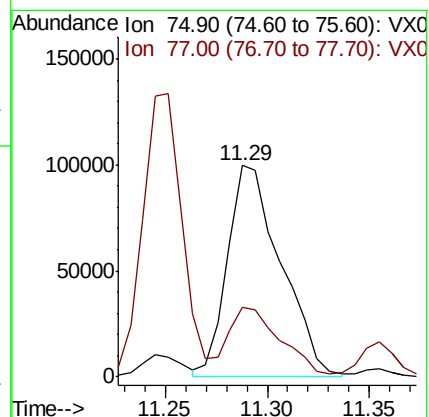
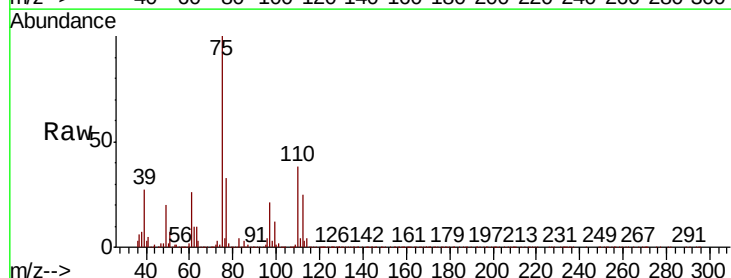
Acq: 03 Jan 2020 14:17

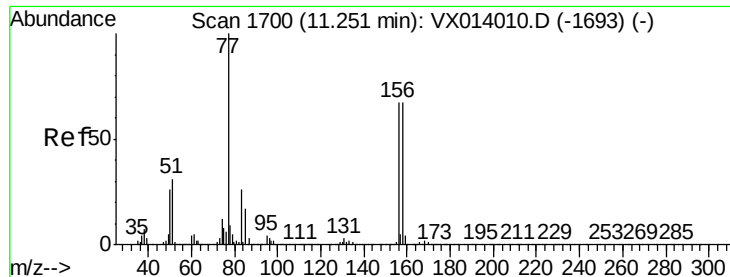
Tgt Ion: 75 Resp: 180848

Ion Ratio Lower Upper

75 100

77 32.7 19.3 57.8





#77

Bromobenzene

Concen: 19.257 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014398.D

Acq: 03 Jan 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

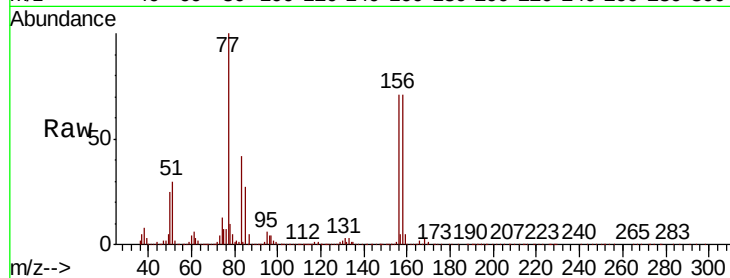
Tot Ion:156 Resp: 119791

Ion Ratio Lower Upper

156 100

77 148.5 76.5 229.5

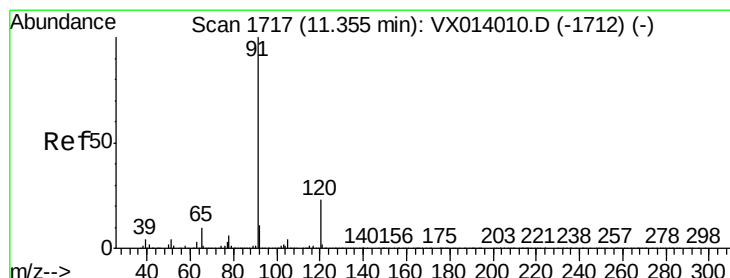
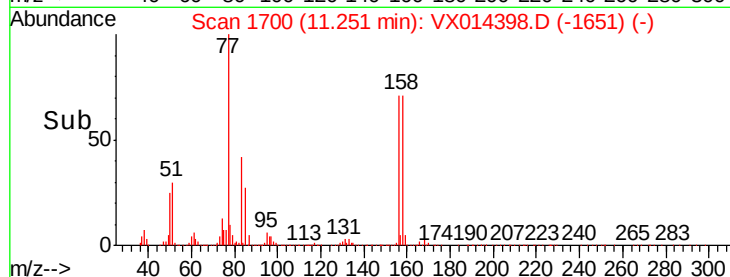
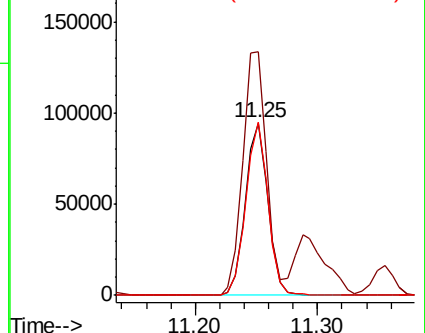
158 98.8 49.3 147.9



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: 20.239 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014398.D

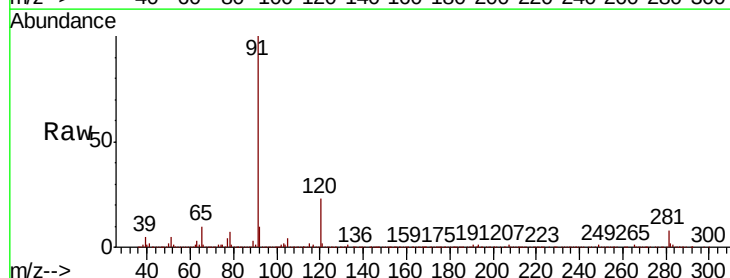
Acq: 03 Jan 2020 14:17

Tgt Ion: 91 Resp: 513259

Ion Ratio Lower Upper

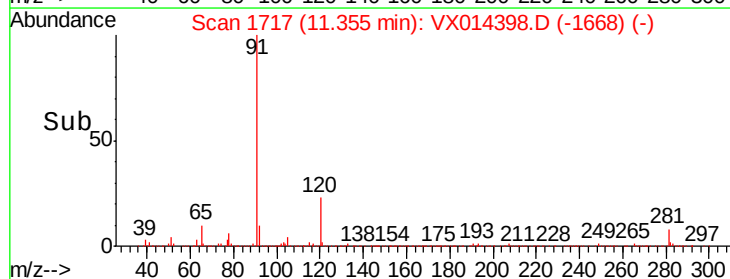
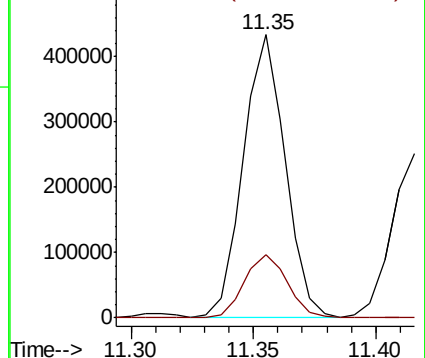
91 100

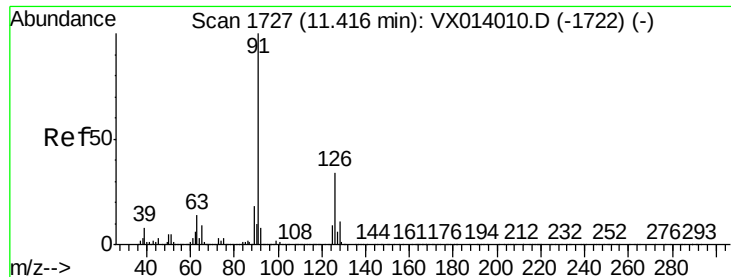
120 23.4 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.954 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014398.D

Acq: 03 Jan 2020 14:17

Instrument :

MSVOA_X

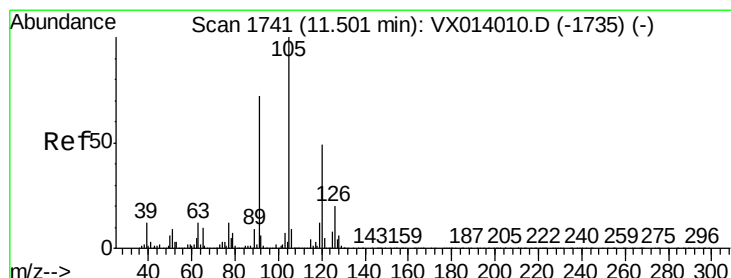
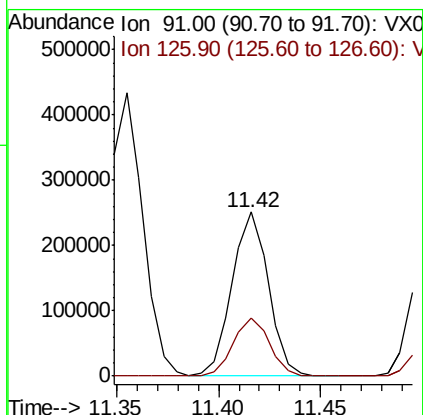
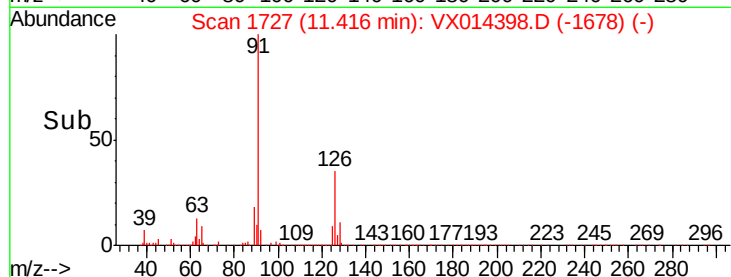
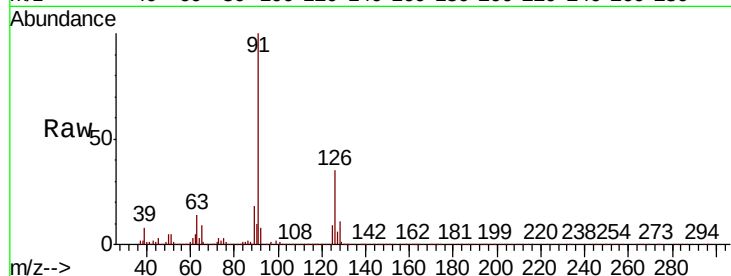
ClientSampled :

Tot Ion: 91 Resp: 307601

Ion Ratio Lower Upper

91 100

126 35.6 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 20.112 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014398.D

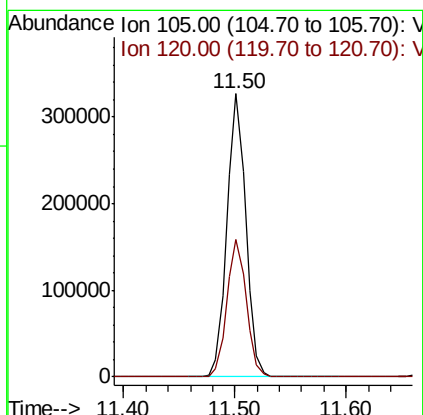
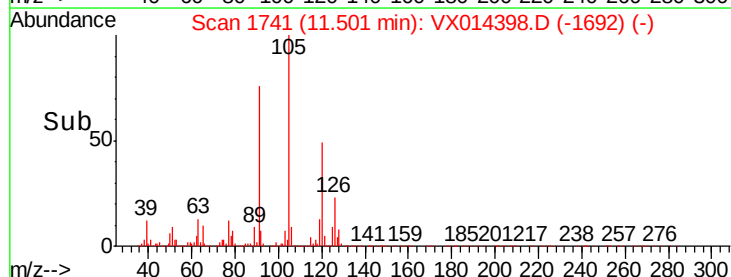
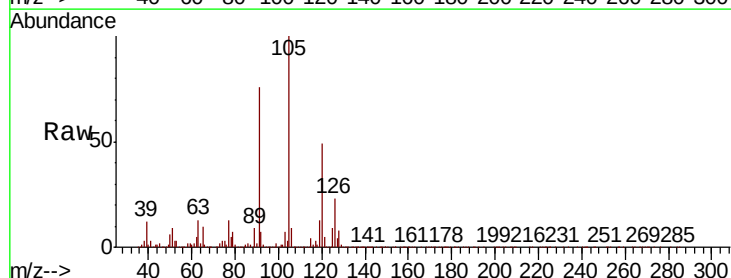
Acq: 03 Jan 2020 14:17

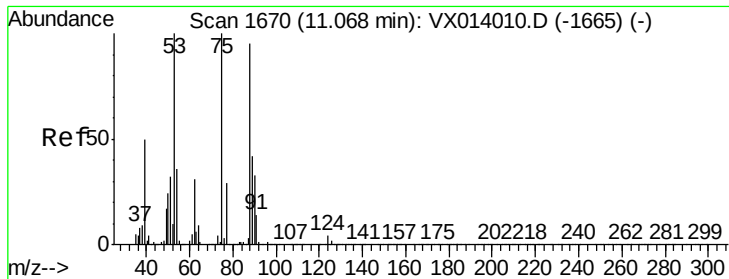
Tgt Ion: 105 Resp: 382690

Ion Ratio Lower Upper

105 100

120 49.9 25.3 75.8

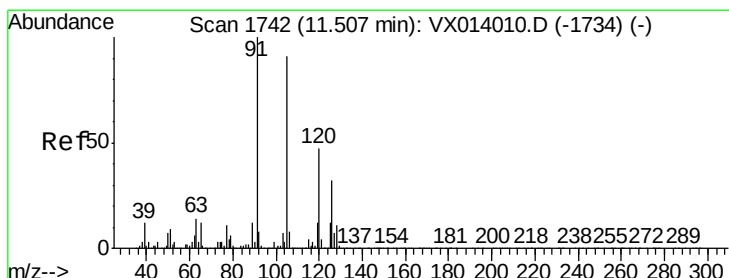
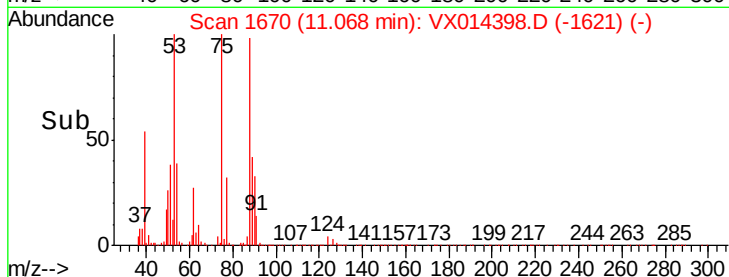
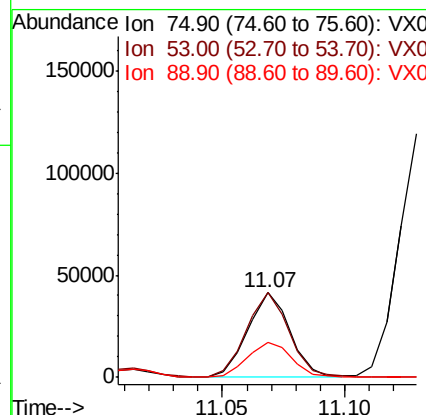
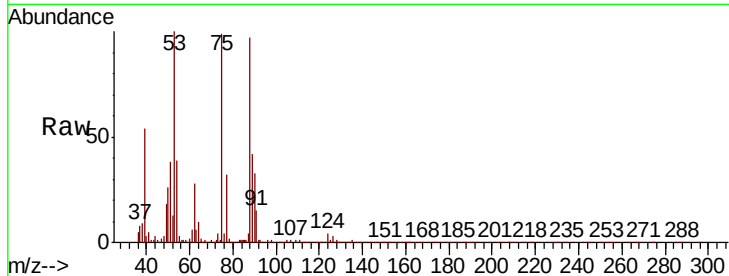




#81
trans-1,4-Dichloro-2-butene
Concen: 19.932 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014398.D
Acq: 03 Jan 2020 14:17

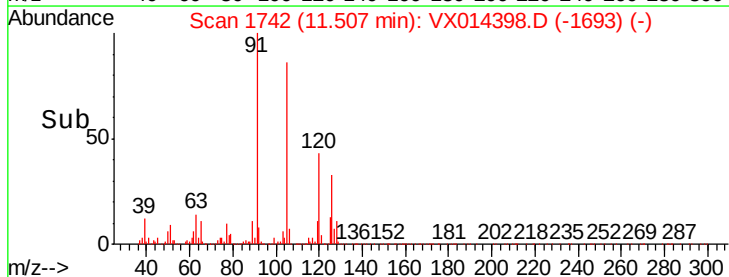
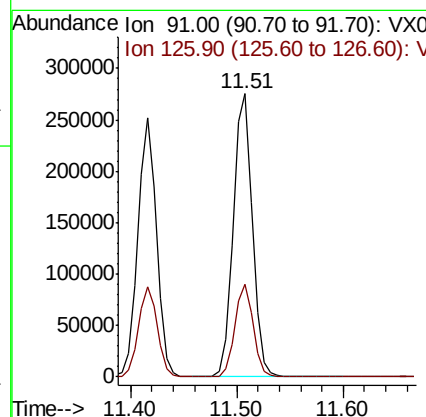
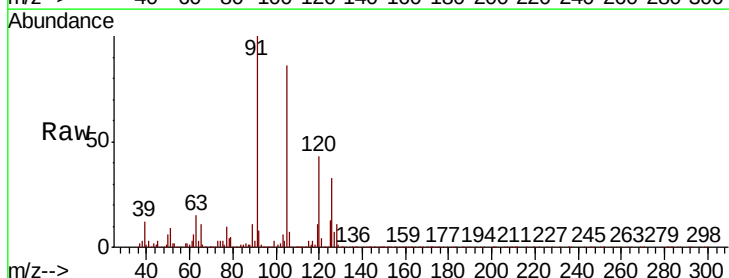
Instrument :
MSVOA_X
ClientSampleId :

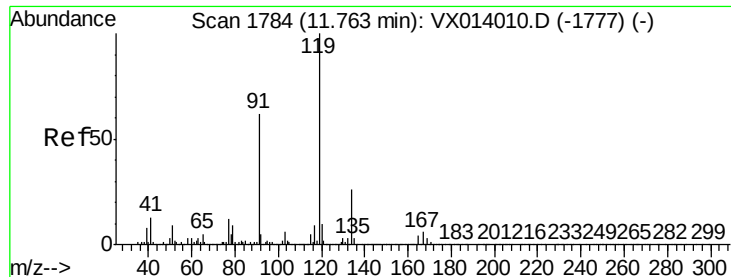
Tot Ion: 75 Resp: 49229
Ion Ratio Lower Upper
75 100
53 100.4 76.7 115.1
89 43.0 34.6 51.8



#82
4-Chlorotoluene
Concen: 19.362 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014398.D
Acq: 03 Jan 2020 14:17

Tgt Ion: 91 Resp: 346215
Ion Ratio Lower Upper
91 100
126 31.3 15.6 46.8

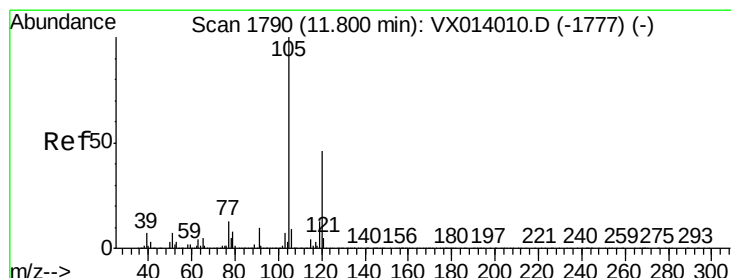
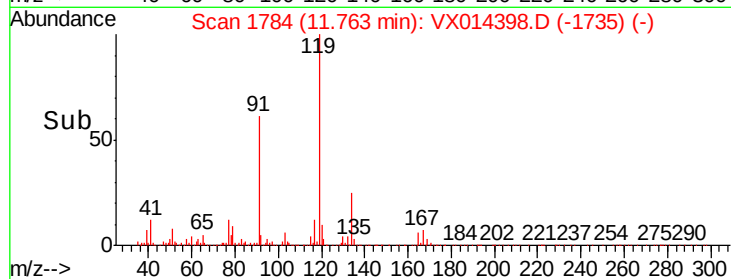
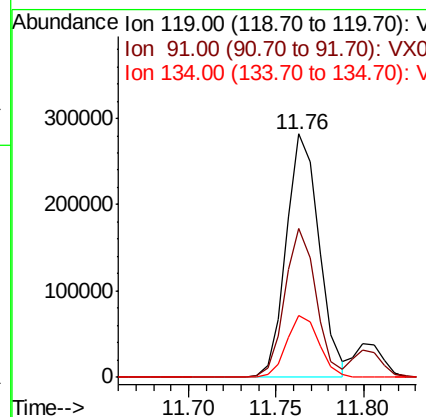
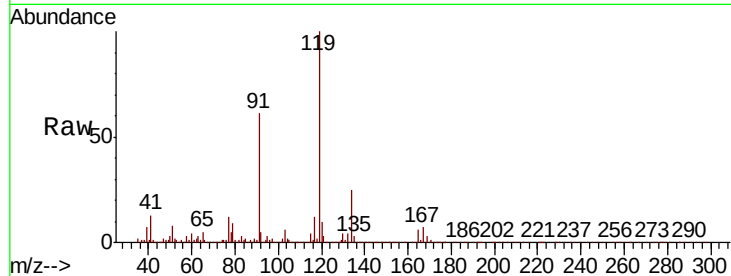




#83
 tert-Butylbenzene
 Concen: 20.032 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014398.D
 Acq: 03 Jan 2020 14:17

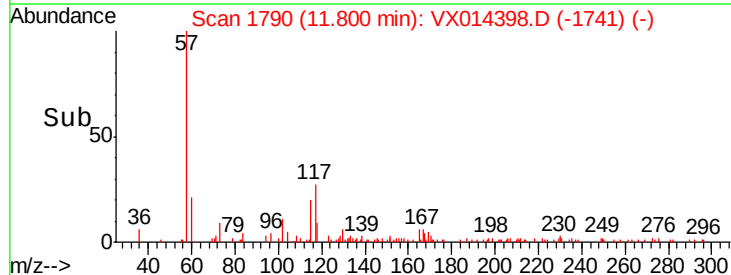
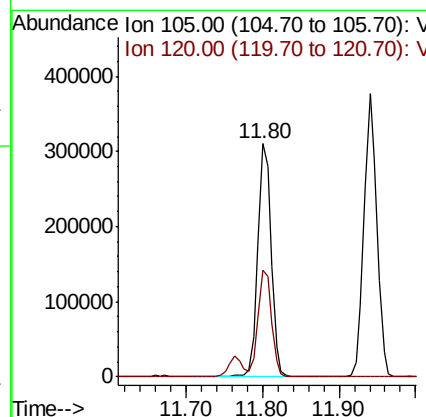
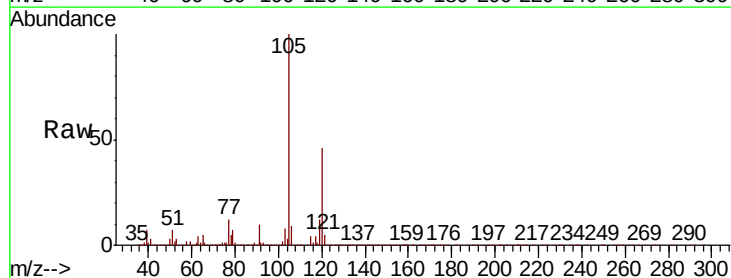
Instrument :
 MSVOA_X
 ClientSampleId :

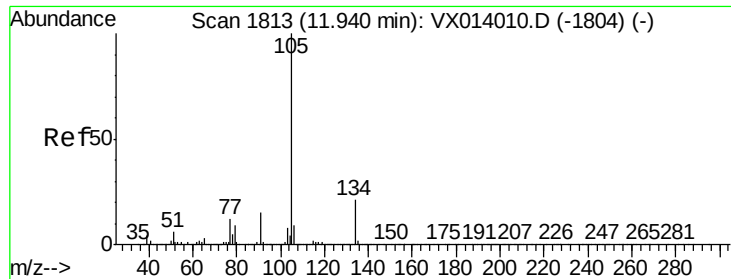
Tot Ion:119 Resp: 370944
 Ion Ratio Lower Upper
 119 100
 91 57.8 28.5 85.6
 134 25.0 12.2 36.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.891 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014398.D
 Acq: 03 Jan 2020 14:17

Tgt Ion:105 Resp: 379025
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.1 69.2





#85

sec-Butylbenzene

Concen: 20.172 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014398.D

Acq: 03 Jan 2020 14:17

Instrument :

MSVOA_X

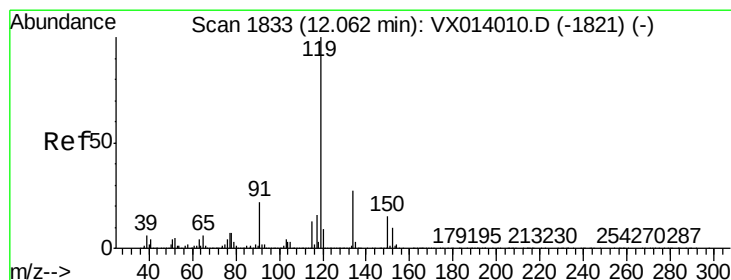
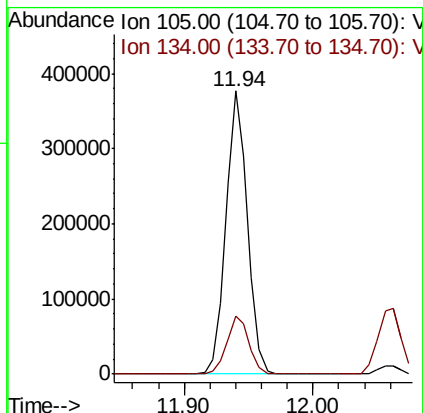
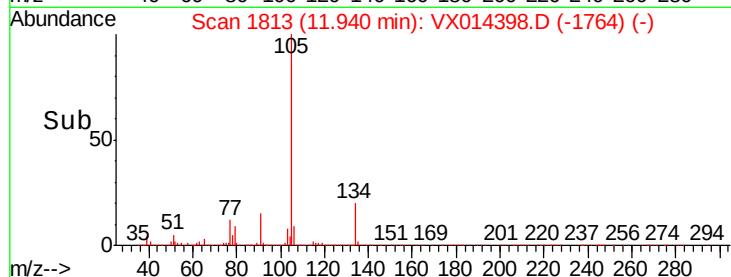
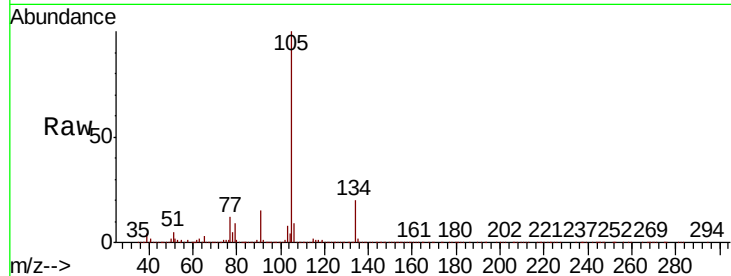
ClientSampleId :

Tot Ion:105 Resp: 440961

Ion Ratio Lower Upper

105 100

134 21.1 10.4 31.1



#86

p-Isopropyltoluene

Concen: 19.986 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014398.D

Acq: 03 Jan 2020 14:17

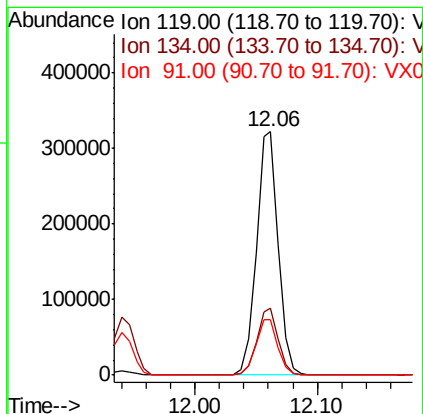
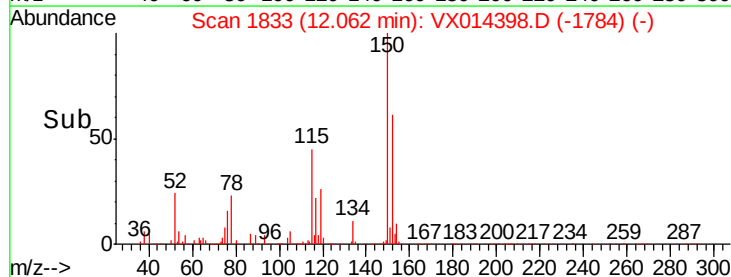
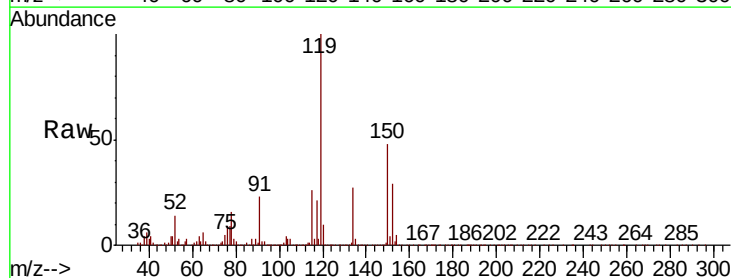
Tgt Ion:119 Resp: 399631

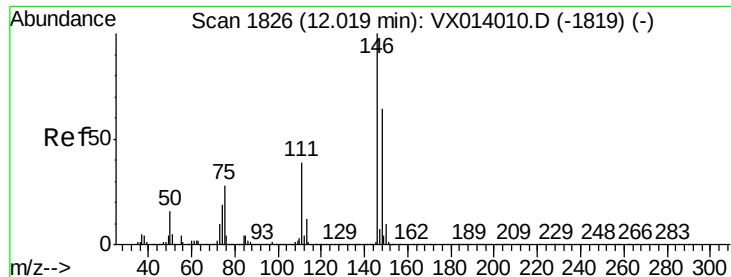
Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

91 22.9 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 19.035 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014398.D

Acq: 03 Jan 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

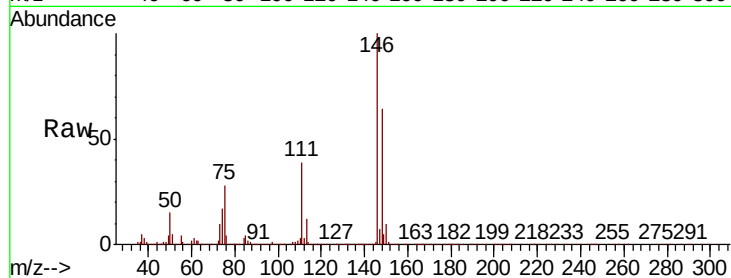
Tot Ion:146 Resp: 207526

Ion Ratio Lower Upper

146 100

111 37.5 19.1 57.1

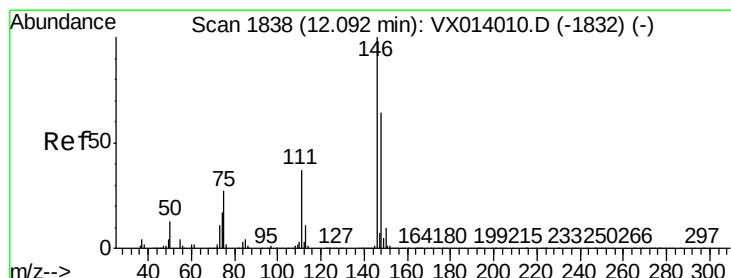
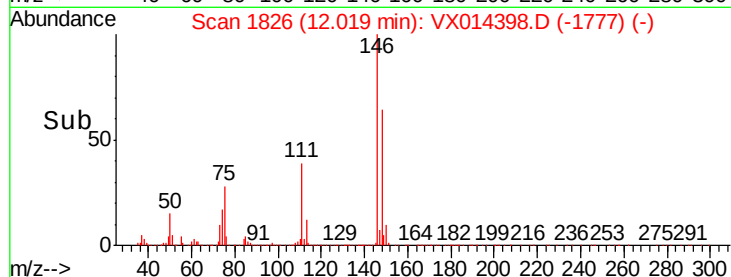
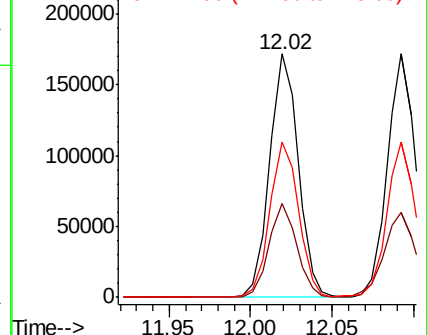
148 64.6 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.676 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014398.D

Acq: 03 Jan 2020 14:17

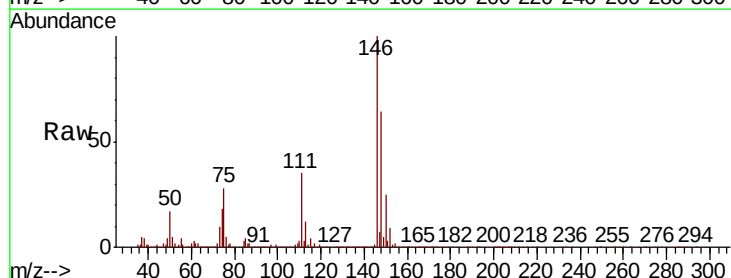
Tgt Ion:146 Resp: 207029

Ion Ratio Lower Upper

146 100

111 38.2 18.7 56.1

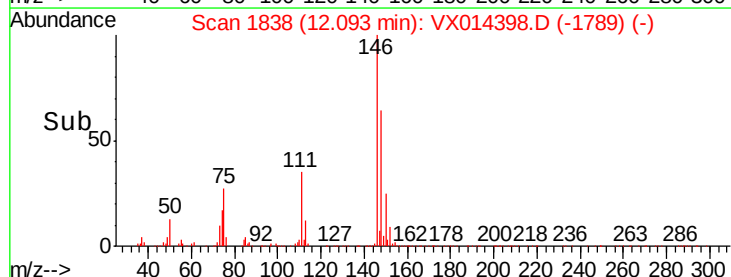
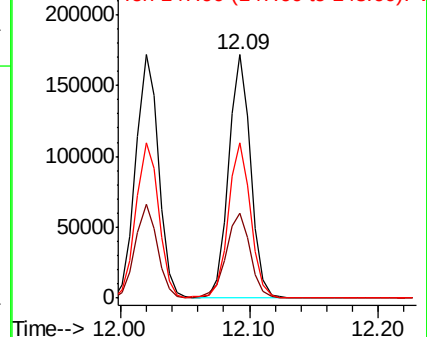
148 64.4 31.9 95.9

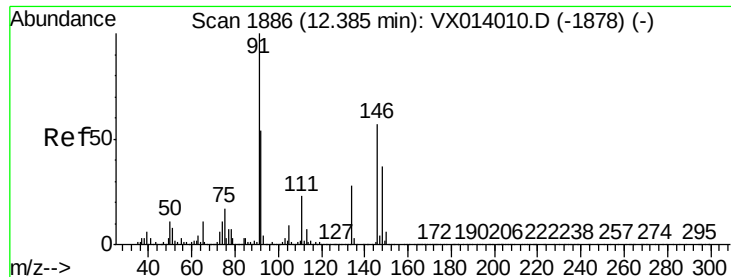


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.405 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014398.D

Acq: 03 Jan 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

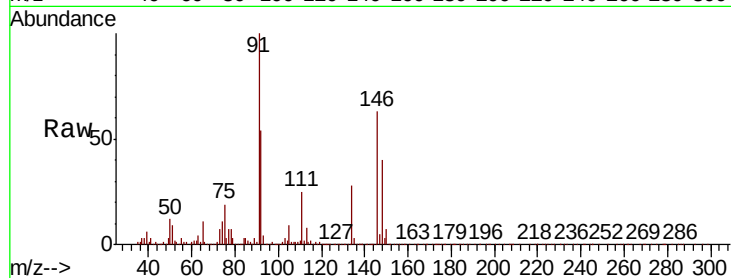
Tot Ion: 91 Resp: 331083

Ion Ratio Lower Upper

91 100

92 54.1 27.2 81.6

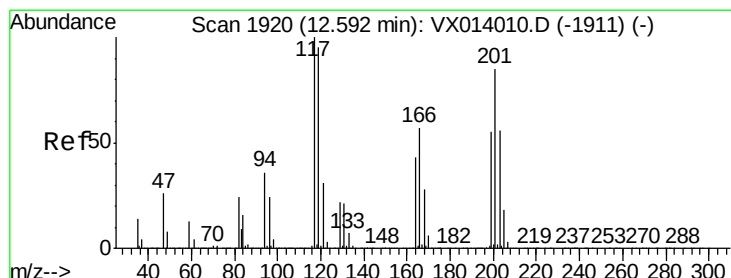
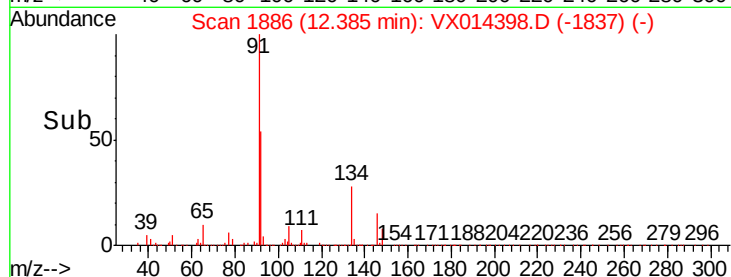
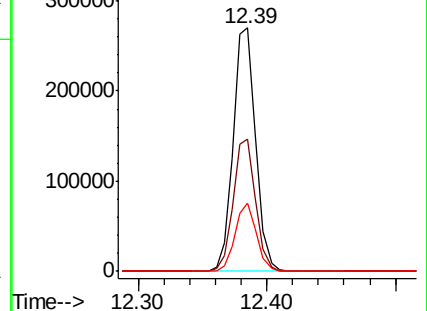
134 26.9 13.4 40.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.390 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014398.D

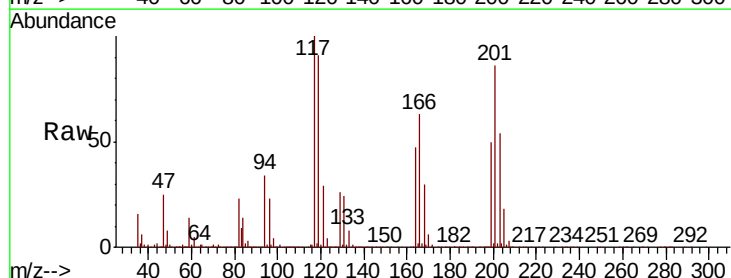
Acq: 03 Jan 2020 14:17

Tgt Ion: 117 Resp: 69641

Ion Ratio Lower Upper

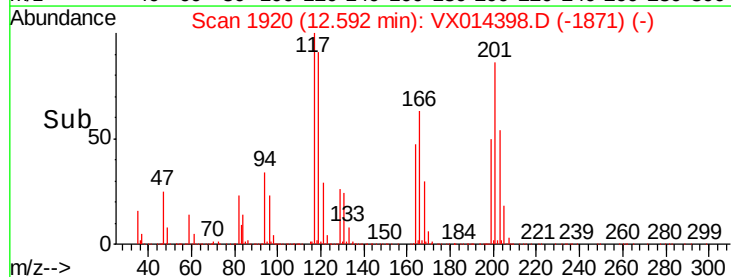
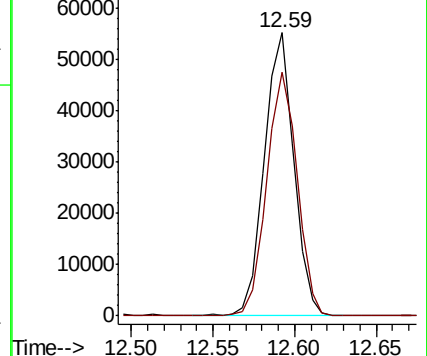
117 100

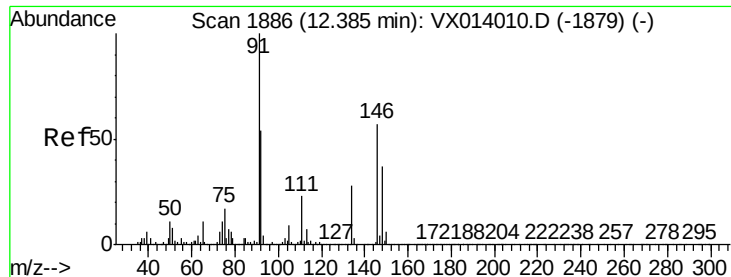
201 88.7 43.1 129.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

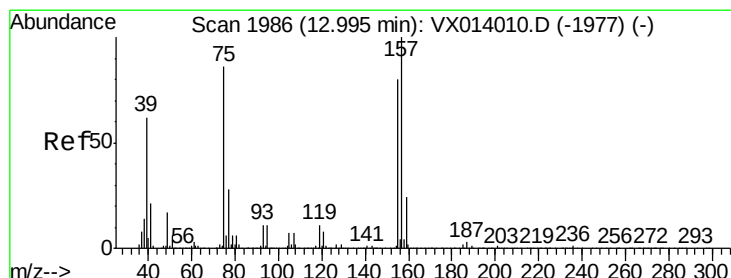
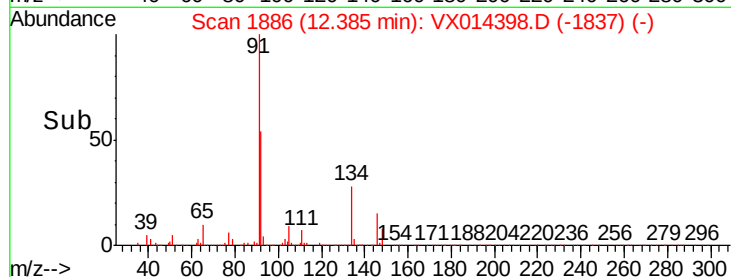
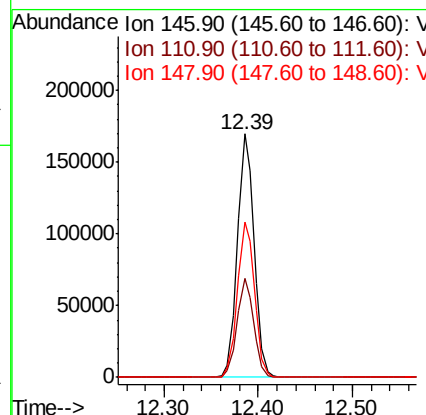
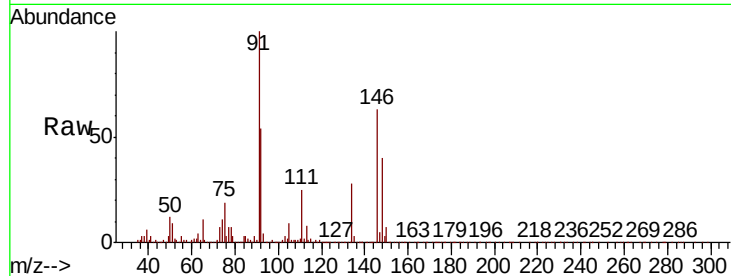




#91
 1,2-Dichlorobenzene
 Concen: 19.080 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014398.D
 Acq: 03 Jan 2020 14:17

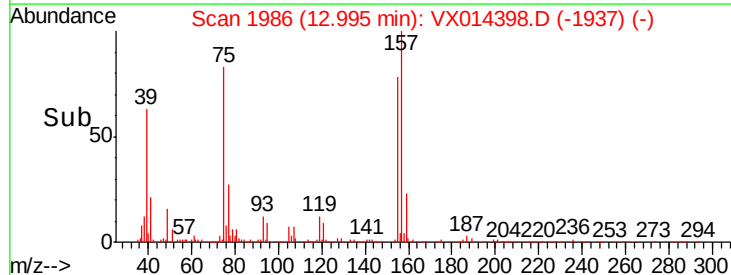
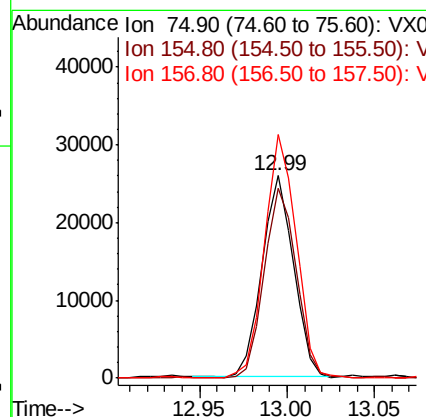
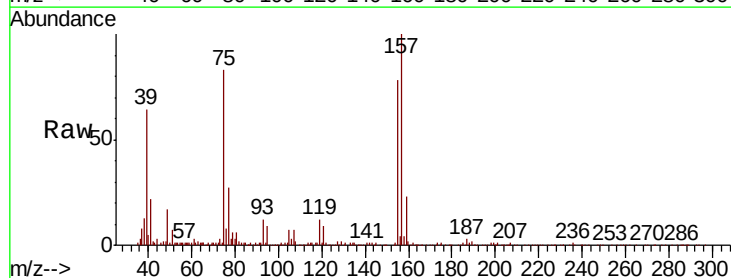
Instrument :
 MSVOA_X
 ClientSampleId :

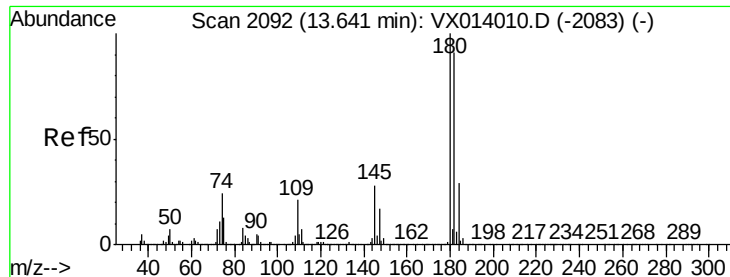
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.7	59.1
148	65.0	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.801 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014398.D
 Acq: 03 Jan 2020 14:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.0	46.9	140.6
157	121.7	60.8	182.4

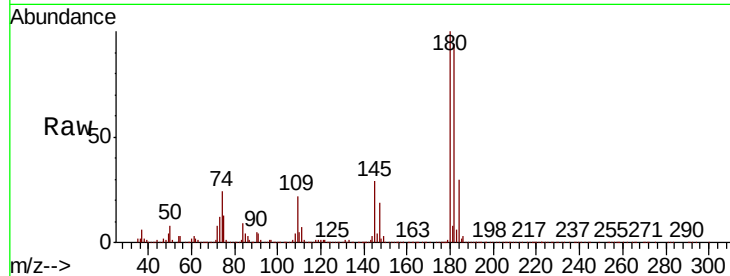




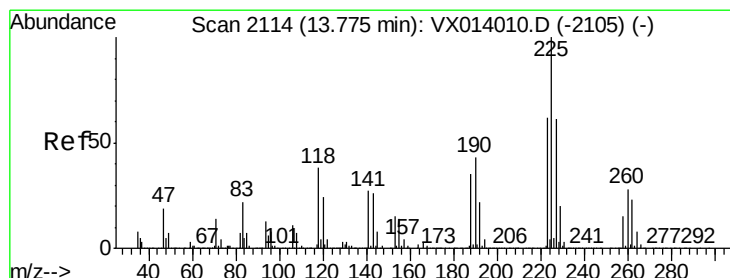
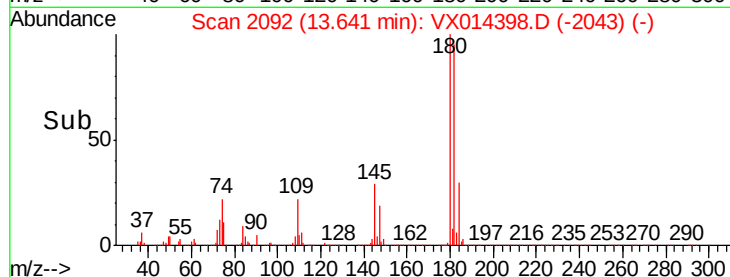
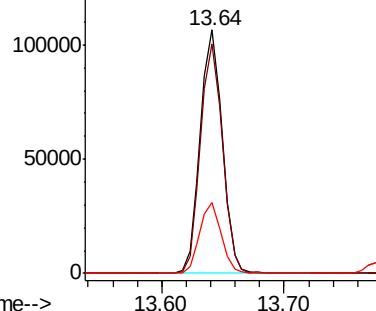
#93
 1,2,4-Trichlorobenzene
 Concen: 18.605 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014398.D
 Acq: 03 Jan 2020 14:17

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:180 Resp: 132715
 Ion Ratio Lower Upper
 180 100
 182 94.4 46.6 139.8
 145 28.1 14.2 42.6

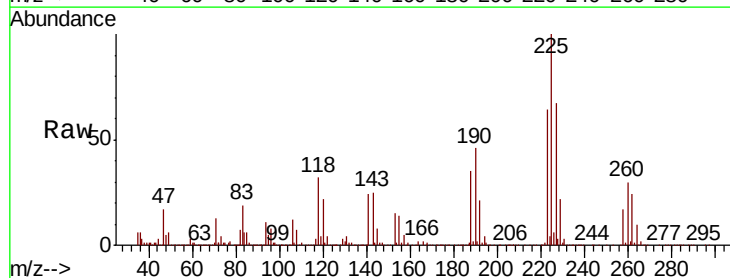


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

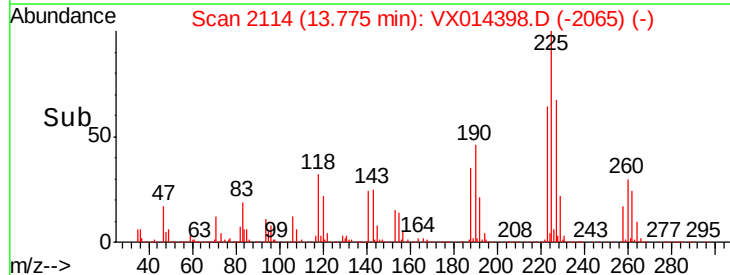
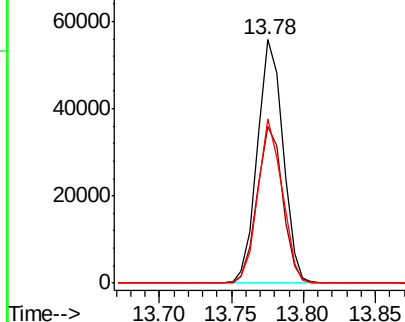


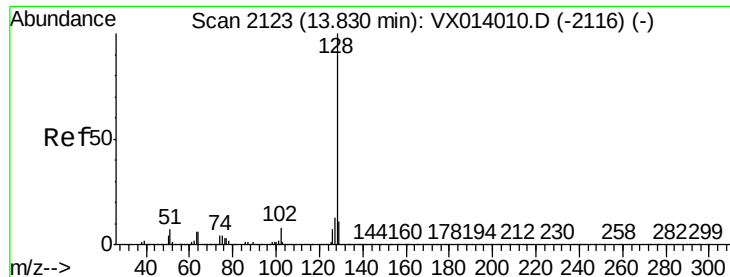
#94
 Hexachlorobutadiene
 Concen: 19.952 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014398.D
 Acq: 03 Jan 2020 14:17

Tgt Ion:225 Resp: 68400
 Ion Ratio Lower Upper
 225 100
 223 64.1 30.9 92.5
 227 64.3 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

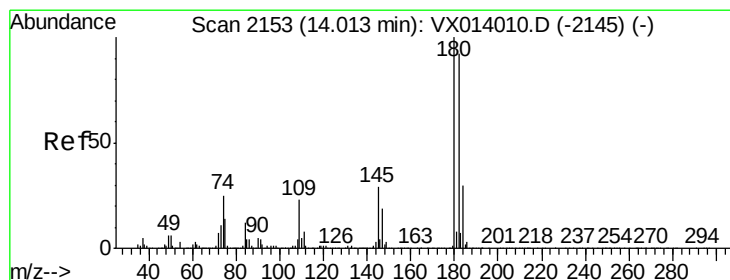
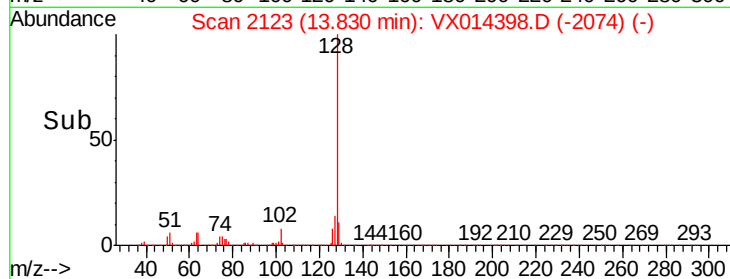
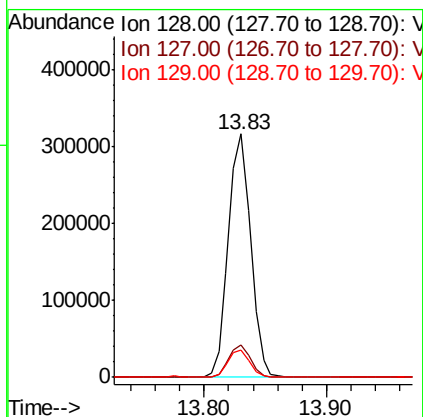
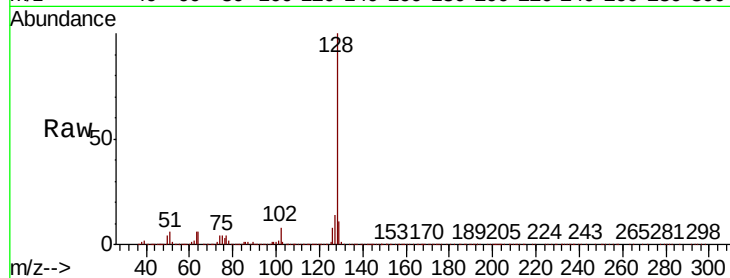




#95
Naphthalene
Concen: 19.156 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014398.D
Acq: 03 Jan 2020 14:17

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.4
129	10.8	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.443 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014398.D
Acq: 03 Jan 2020 14:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	46.8	140.3
145	30.8	14.8	44.4

