

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012720\
 Data File : VX014717.D
 Acq On : 27 Jan 2020 11:38
 Operator : JC/SP
 Sample : VX0127WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 28 03:12:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	432077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	640544	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	585916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	289816	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	241937	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
35) Dibromofluoromethane	5.48	113	196404	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
50) Toluene-d8	8.71	98	745276	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
62) 4-Bromofluorobenzene	11.13	95	264534	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	110171	19.326	ug/l	97
3) Chloromethane	1.32	50	109768	18.779	ug/l	100
4) Vinyl Chloride	1.40	62	122120	19.323	ug/l	97
5) Bromomethane	1.63	94	74488	17.352	ug/l	99
6) Chloroethane	1.72	64	73668	19.530	ug/l	100
7) Trichlorofluoromethane	1.92	101	137004	18.617	ug/l	97
8) Diethyl Ether	2.18	74	62388	19.423	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	82558	19.110	ug/l	99
10) Methyl Iodide	2.50	142	105648	18.637	ug/l	98
11) Tert butyl alcohol	3.02	59	105139	92.813	ug/l	99
12) 1,1-Dichloroethene	2.37	96	77965	18.151	ug/l	98
13) Acrolein	2.28	56	74057	82.913	ug/l	99
14) Allyl chloride	2.72	41	148383	19.220	ug/l	98
15) Acrylonitrile	3.12	53	250899	95.725	ug/l	99
16) Acetone	2.43	43	271811	98.383	ug/l	99
17) Carbon Disulfide	2.56	76	208826	17.789	ug/l	100
18) Methyl Acetate	2.76	43	154978	19.634	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	275430	19.578	ug/l	100
20) Methylene Chloride	2.84	84	94691	18.505	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	86183	18.223	ug/l	98
22) Diisopropyl ether	3.84	45	300404	19.557	ug/l	91
23) Vinyl Acetate	3.80	43	1178063	100.613	ug/l	100
24) 1,1-Dichloroethane	3.69	63	159355	19.103	ug/l	99
25) 2-Butanone	4.65	43	371603	93.791	ug/l	98
26) 2,2-Dichloropropane	4.57	77	125874	18.852	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	98994	18.703	ug/l	98
28) Bromochloromethane	5.00	49	69384	18.928	ug/l	99
29) Tetrahydrofuran	5.11	42	224676	95.544	ug/l	99
30) Chloroform	5.19	83	156768	18.971	ug/l	98
31) Cyclohexane	5.57	56	144808	18.457	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	128448	18.390	ug/l	99
36) 1,1-Dichloropropene	5.79	75	115202	19.355	ug/l	99
37) Ethyl Acetate	4.81	43	137210	20.128	ug/l	98
38) Carbon Tetrachloride	5.77	117	111036	19.534	ug/l	94

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Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 28 03:12:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	145435	19.505	ug/l	99
40) Benzene	6.13	78	363364	19.759	ug/l	99
41) Methacrylonitrile	5.02	41	74895	19.100	ug/l	96
42) 1,2-Dichloroethane	6.18	62	128272	20.198	ug/l	100
43) Isopropyl Acetate	6.43	43	220534	19.756	ug/l	98
44) Trichloroethene	7.20	130	99884	19.229	ug/l	96
45) 1,2-Dichloropropane	7.50	63	93752	19.788	ug/l	99
46) Dibromomethane	7.65	93	60915	19.852	ug/l	97
47) Bromodichloromethane	7.89	83	120448	20.014	ug/l	95
48) Methyl methacrylate	7.76	41	108215	20.289	ug/l	100
49) 1,4-Dioxane	7.73	88	44286	391.700	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	691263	98.113	ug/l	99
52) Toluene	8.78	92	223396	19.762	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	132472	20.443	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	148046	20.767	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	93791	20.264	ug/l	97
56) Ethyl methacrylate	9.17	69	141112	19.127	ug/l	99
57) 1,3-Dichloropropane	9.36	76	157927	19.960	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	224680	96.527	ug/l	100
59) 2-Hexanone	9.48	43	533703	97.618	ug/l	99
60) Dibromochloromethane	9.57	129	95911	19.853	ug/l	99
61) 1,2-Dibromoethane	9.67	107	97571	19.939	ug/l	100
64) Tetrachloroethene	9.33	164	105894	18.258	ug/l	98
65) Chlorobenzene	10.13	112	240721	19.208	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	88910	19.241	ug/l	98
67) Ethyl Benzene	10.25	91	418706	19.567	ug/l	100
68) m/p-Xylenes	10.36	106	316263	39.012	ug/l	96
69) o-Xylene	10.69	106	154367	19.724	ug/l	98
70) Styrene	10.71	104	261157	19.892	ug/l	100
71) Bromoform	10.85	173	71198	19.376	ug/l #	100
73) Isopropylbenzene	11.01	105	409323	20.087	ug/l	99
74) N-amyl acetate	10.89	43	176507	19.766	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	137678	18.922	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	162516	24.102	ug/l	91
77) Bromobenzene	11.25	156	108809	19.876	ug/l	97
78) n-propylbenzene	11.35	91	470077	20.322	ug/l	100
79) 2-Chlorotoluene	11.42	91	273581	19.548	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	340812	20.151	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	43507	18.362	ug/l	95
82) 4-Chlorotoluene	11.51	91	320335	20.105	ug/l	99
83) tert-Butylbenzene	11.76	119	319911	20.129	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	341252	20.116	ug/l	99
85) sec-Butylbenzene	11.94	105	394684	20.272	ug/l	100
86) p-Isopropyltoluene	12.06	119	366751	20.383	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	189345	19.245	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	192273	19.510	ug/l	99
89) n-Butylbenzene	12.39	91	307788	19.641	ug/l	99
90) Hexachloroethane	12.59	117	63479	18.994	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	192102	19.659	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	29318	18.755	ug/l	98

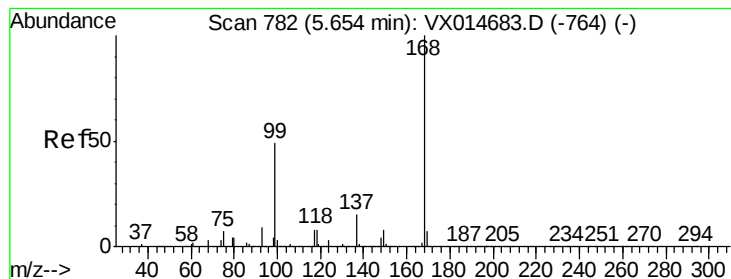
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012720\
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Instrument :
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ClientSampleId :

Quant Time: Jan 28 03:12:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	124532	19.767	ug/l	97
94) Hexachlorobutadiene	13.78	225	65592	20.229	ug/l	100
95) Naphthalene	13.83	128	361954	18.416	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	125490	19.700	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_X

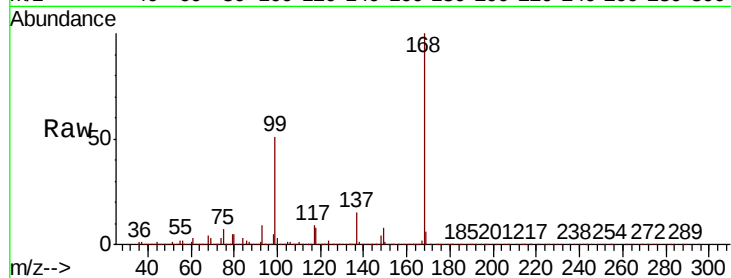
ClientSampleId :

Tot Ion:168 Resp: 432077

Ion Ratio Lower Upper

168 100

99 50.9 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

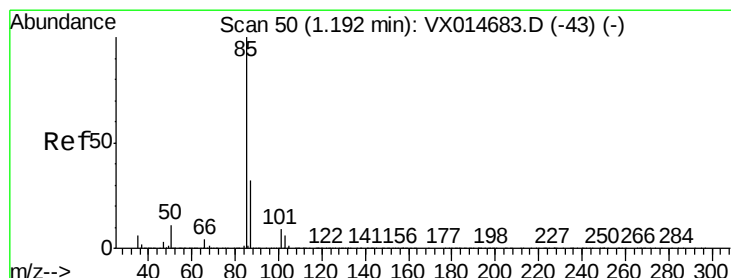
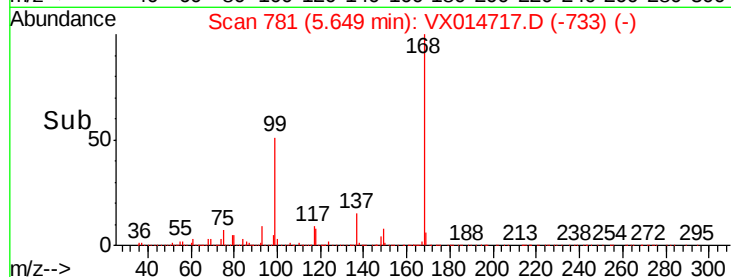
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.326 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014717.D

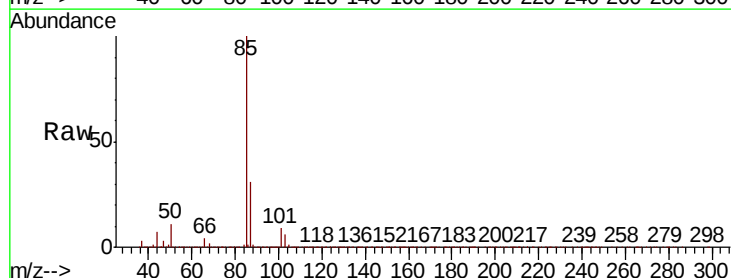
Acq: 27 Jan 2020 11:38

Tgt Ion: 85 Resp: 110171

Ion Ratio Lower Upper

85 100

87 30.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

120000

100000

80000

60000

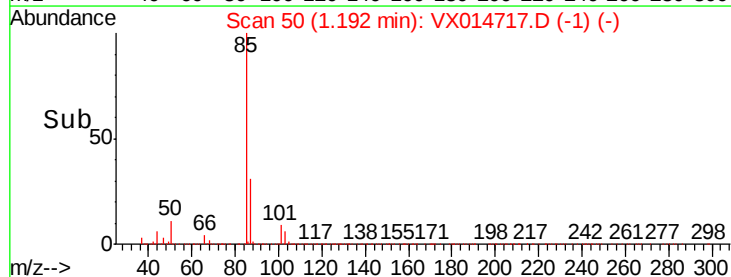
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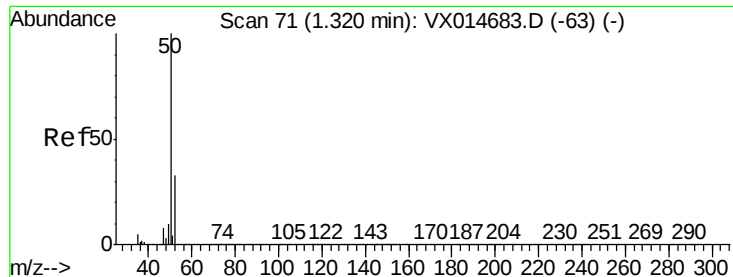
20000

0

1.15 1.20 1.25

Time-->

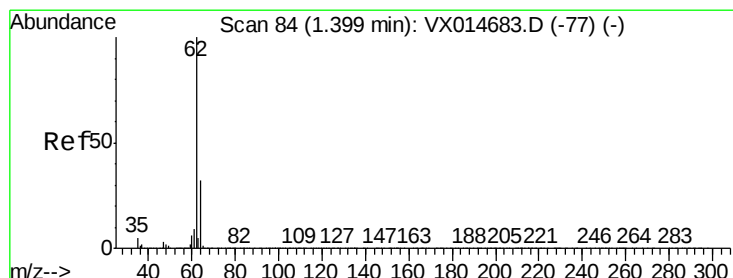
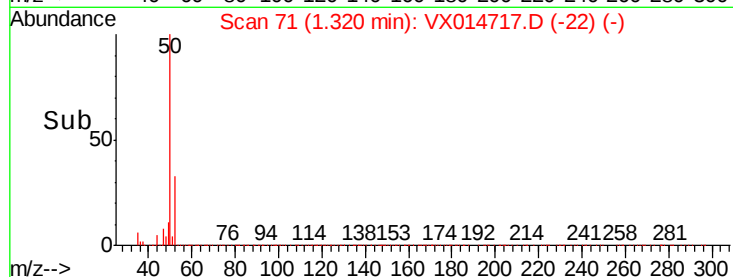
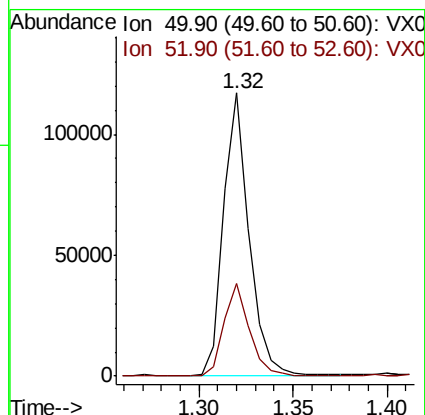
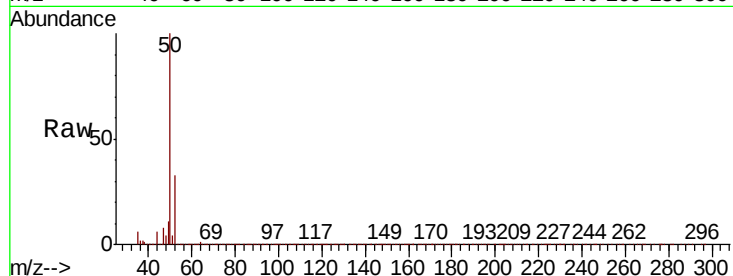




#3
Chloromethane
Concen: 18.779 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

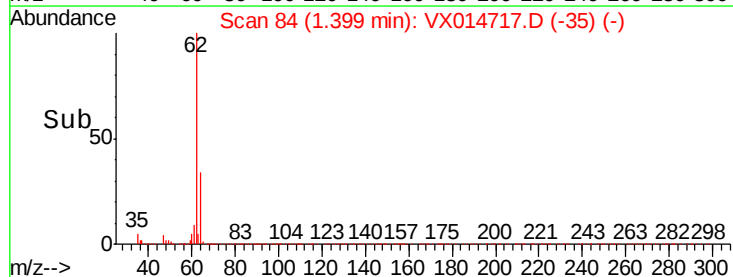
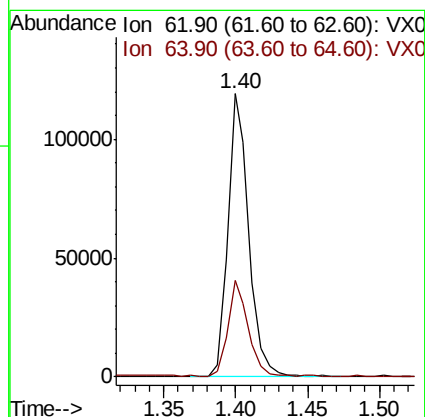
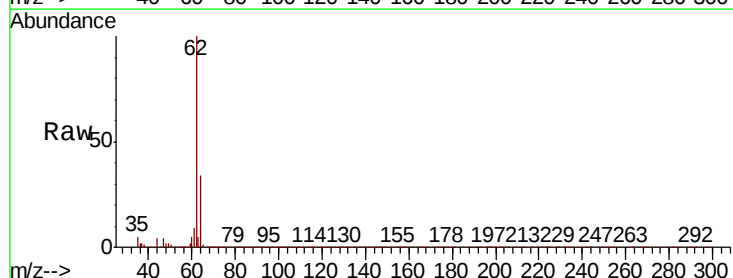
Instrument :
MSVOA_X
ClientSampled :

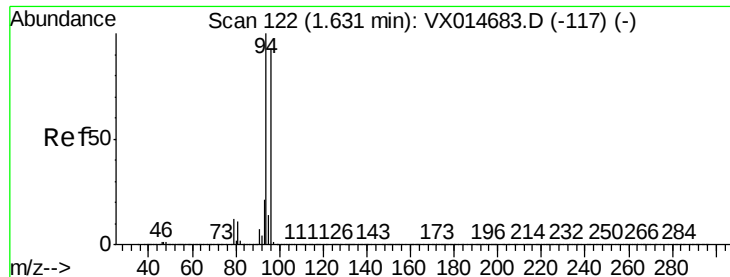
Tot Ion: 50 Resp: 109768
Ion Ratio Lower Upper
50 100
52 32.5 26.2 39.2



#4
Vinyl Chloride
Concen: 19.323 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Tgt Ion: 62 Resp: 122120
Ion Ratio Lower Upper
62 100
64 33.7 25.4 38.2





#5

Bromomethane

Concen: 17.352 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_X

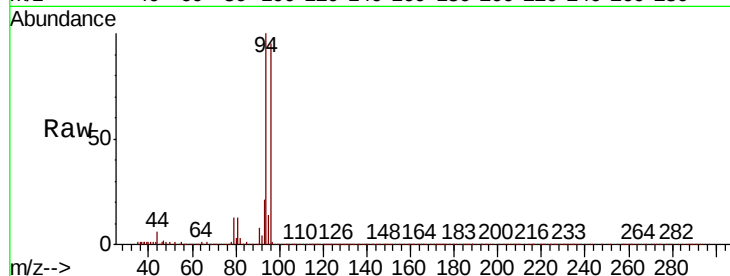
ClientSampleId :

Tot Ion: 94 Resp: 74488

Ion Ratio Lower Upper

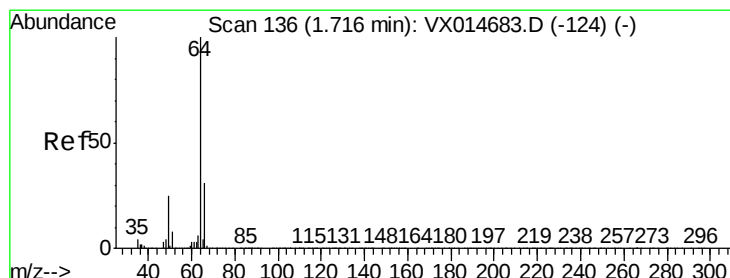
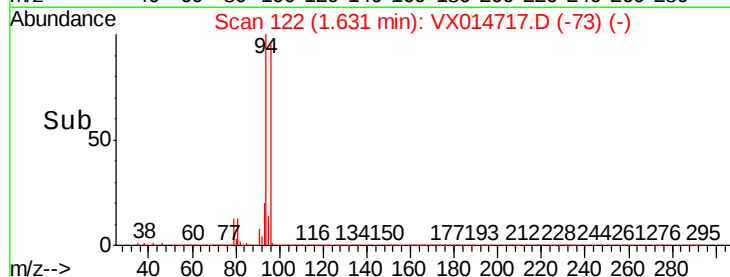
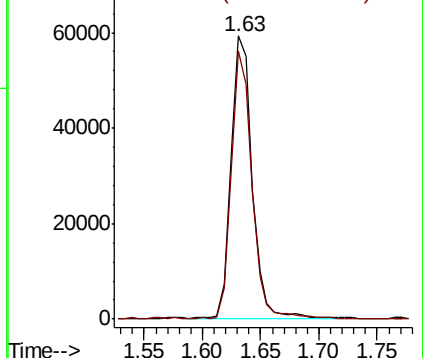
94 100

96 94.8 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.530 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014717.D

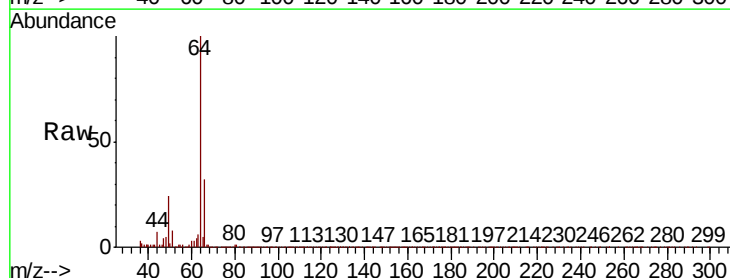
Acq: 27 Jan 2020 11:38

Tgt Ion: 64 Resp: 73668

Ion Ratio Lower Upper

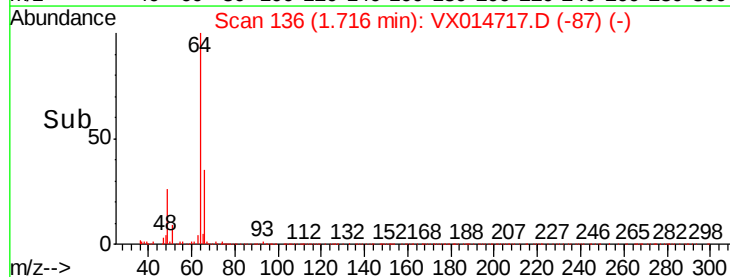
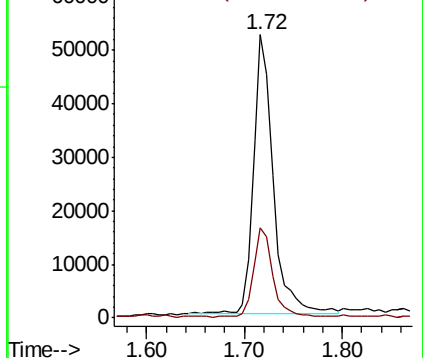
64 100

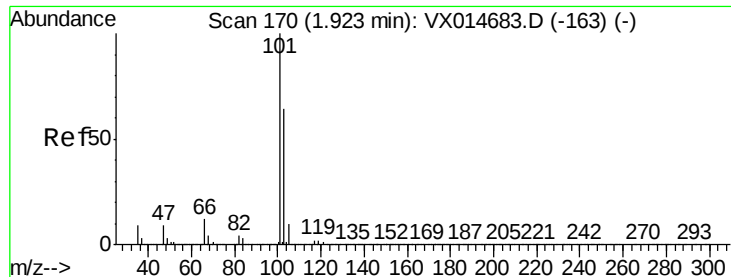
66 31.6 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



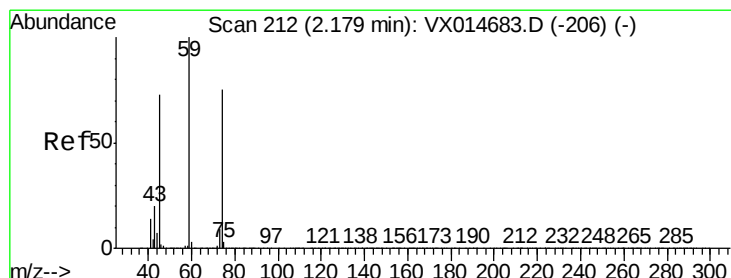
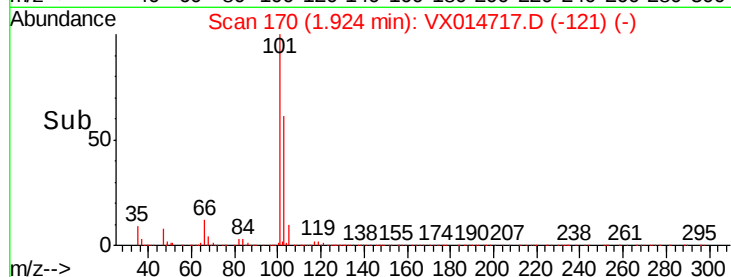
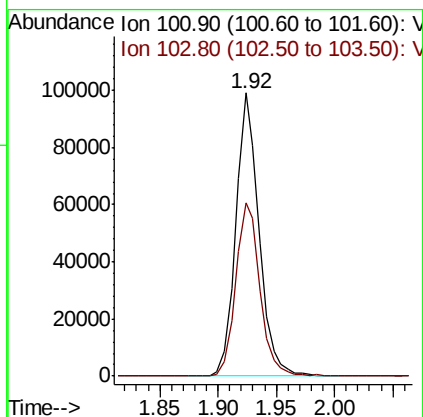
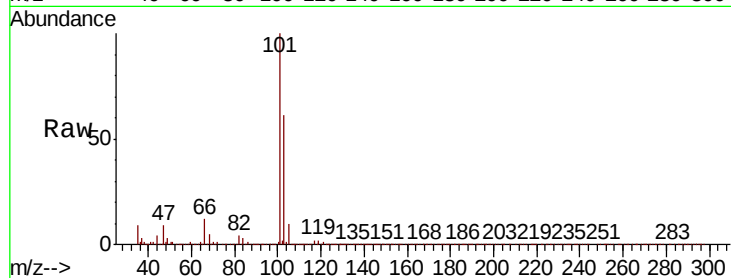


#7

Trichlorofluoromethane
Concen: 18.617 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampled :

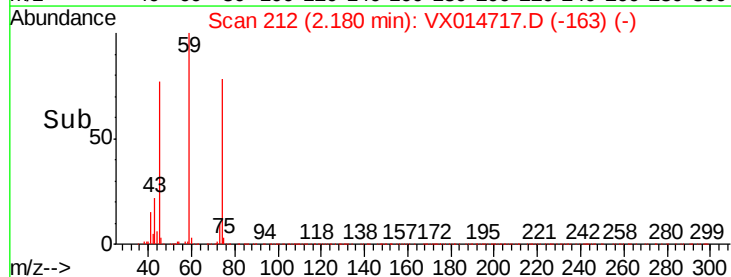
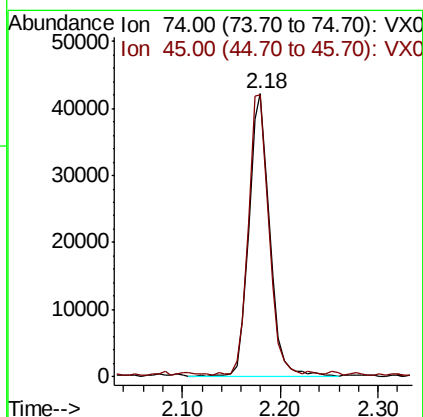
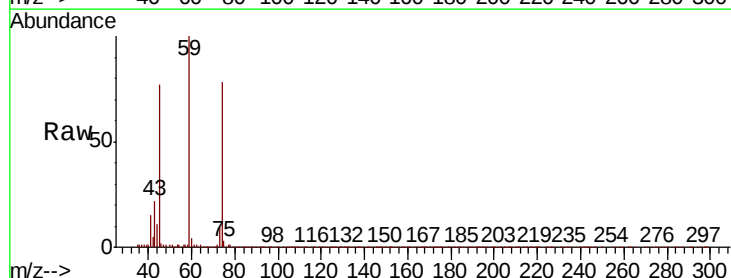
Tot Ion:101 Resp: 137004
Ion Ratio Lower Upper
101 100
103 61.1 51.0 76.6

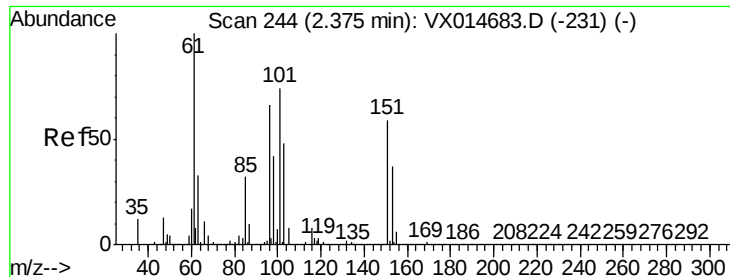


#8

Diethyl Ether
Concen: 19.423 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Tgt Ion: 74 Resp: 62388
Ion Ratio Lower Upper
74 100
45 96.5 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.110 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

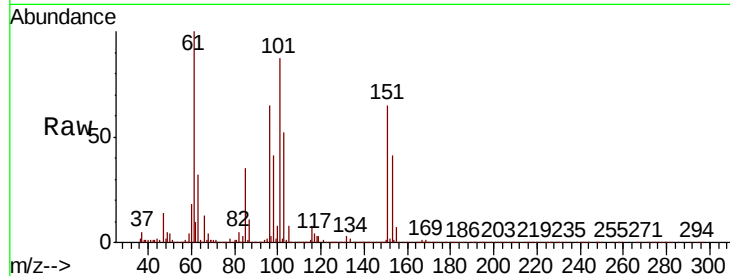
Tot Ion:101 Resp: 82558

Ion Ratio Lower Upper

101 100

85 42.9 34.7 52.1

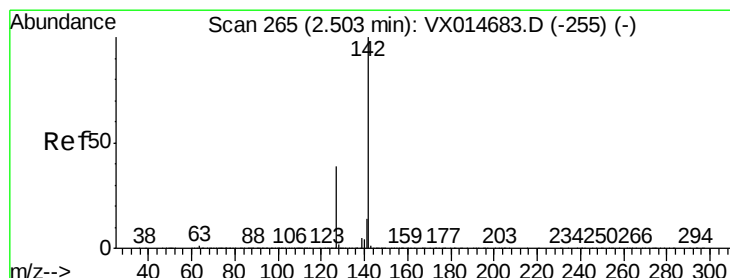
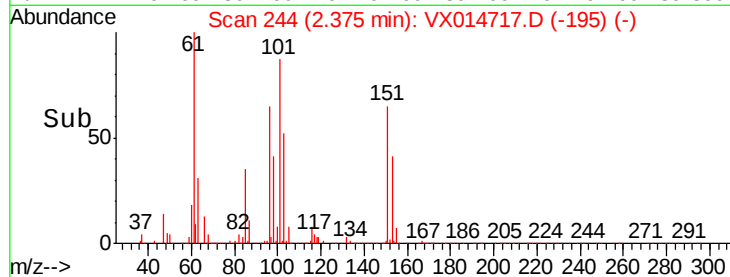
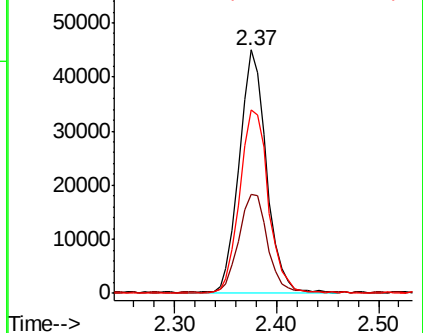
151 79.9 64.7 97.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.637 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

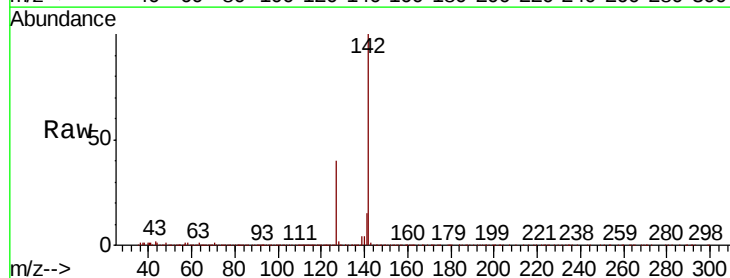
Tgt Ion:142 Resp: 105648

Ion Ratio Lower Upper

142 100

127 39.9 31.1 46.7

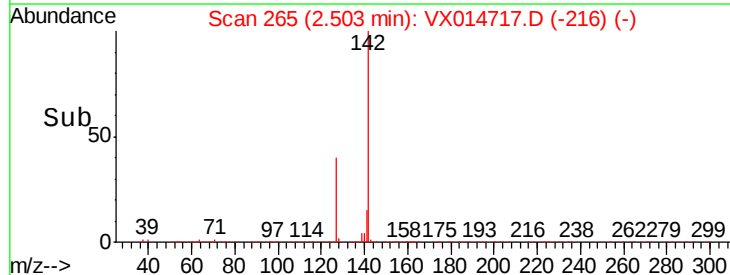
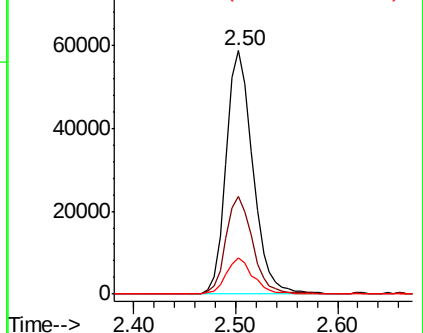
141 15.1 11.3 16.9

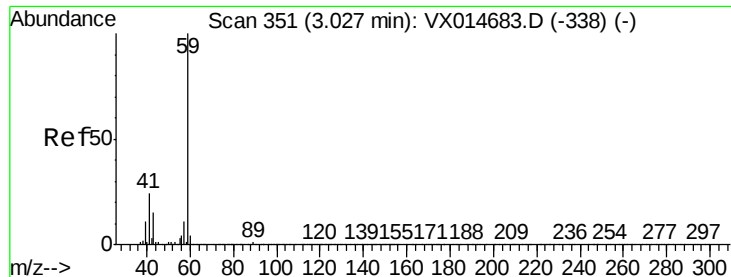


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



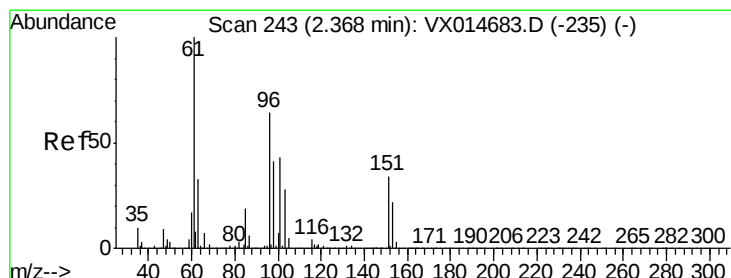
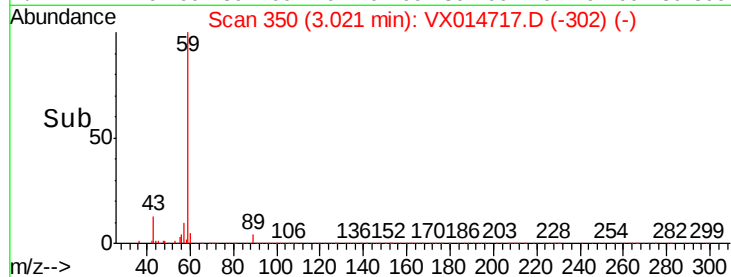
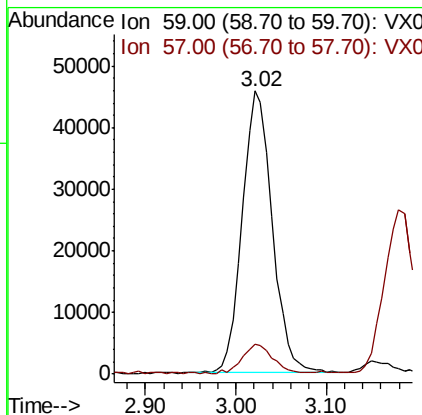
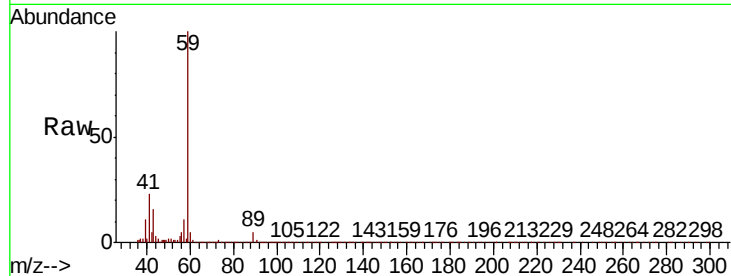


#11

Tert butyl alcohol
 Concen: 92.813 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX014717.D
 Acq: 27 Jan 2020 11:38

Instrument :
 MSVOA_X
 ClientSampled :

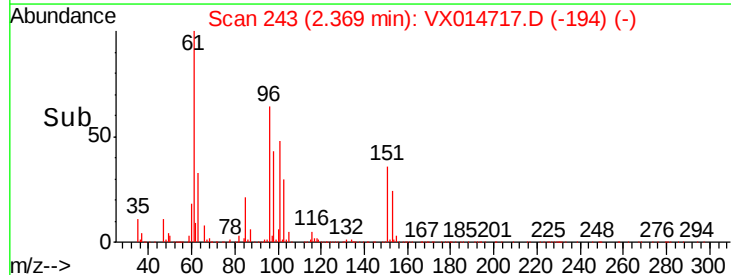
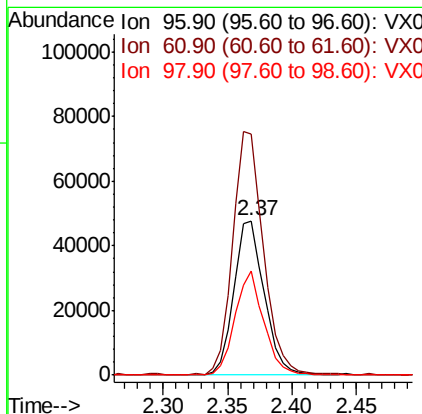
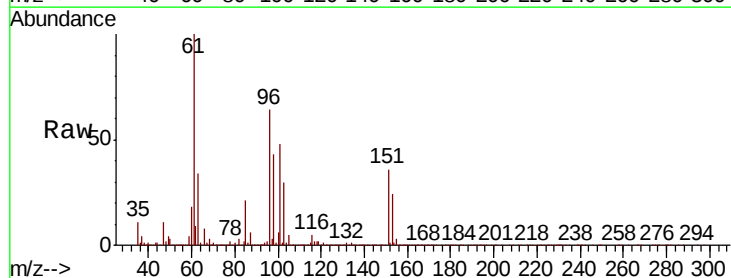
Tot Ion: 59 Resp: 105139
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.3 12.5

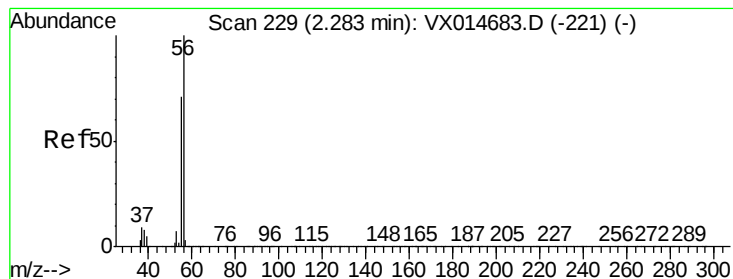


#12

1,1-Dichloroethene
 Concen: 18.151 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VX014717.D
 Acq: 27 Jan 2020 11:38

Tgt Ion: 96 Resp: 77965
 Ion Ratio Lower Upper
 96 100
 61 156.3 125.8 188.8
 98 67.4 51.5 77.3





#13

Acrolein

Concen: 82.913 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_X

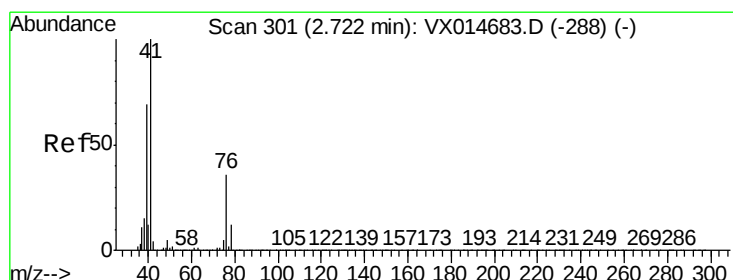
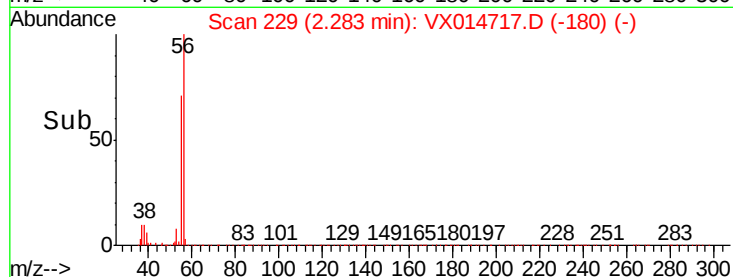
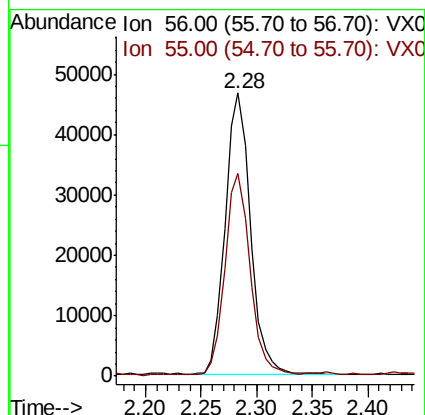
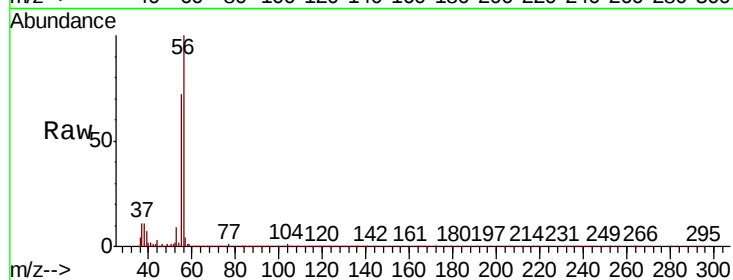
ClientSampleId :

Tot Ion: 56 Resp: 74057

Ion Ratio Lower Upper

56 100

55 69.7 56.6 84.8



#14

Allyl chloride

Concen: 19.220 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

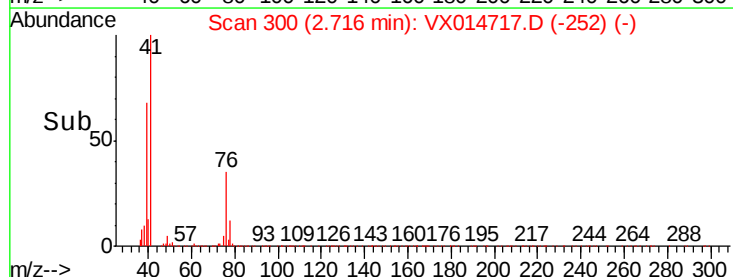
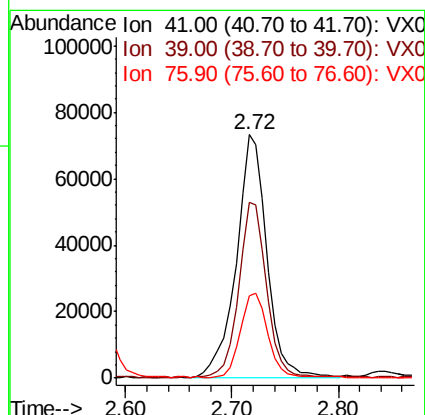
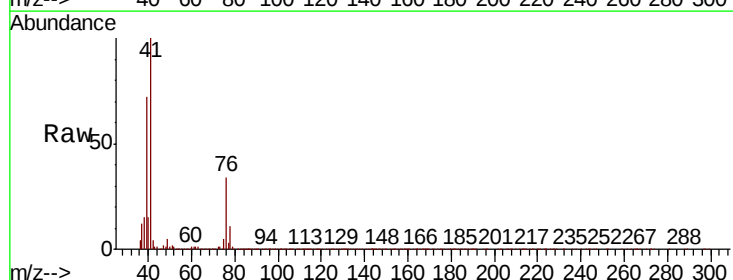
Tgt Ion: 41 Resp: 148383

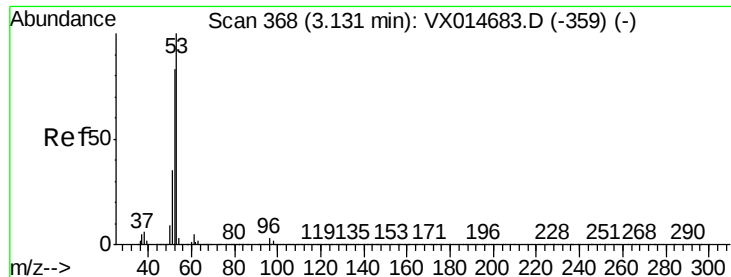
Ion Ratio Lower Upper

41 100

39 66.1 52.0 78.0

76 31.1 26.0 39.0





#15

Acrylonitrile

Concen: 95.725 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

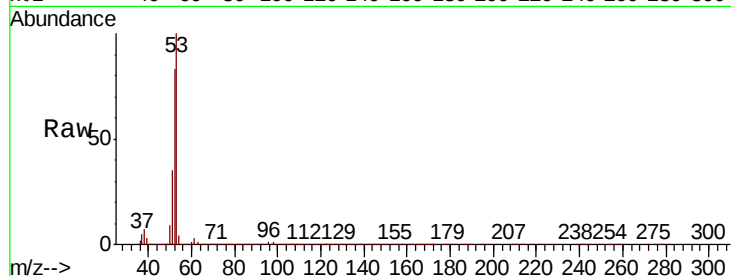
Tot Ion: 53 Resp: 250899

Ion Ratio Lower Upper

53 100

52 82.2 66.4 99.6

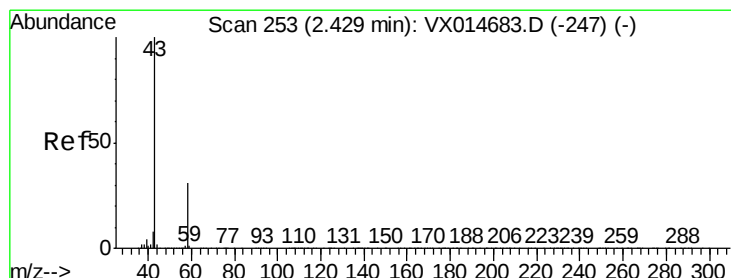
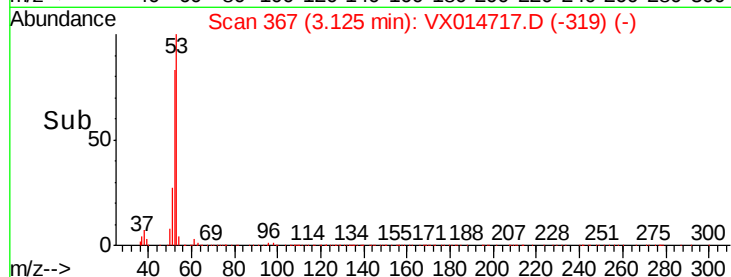
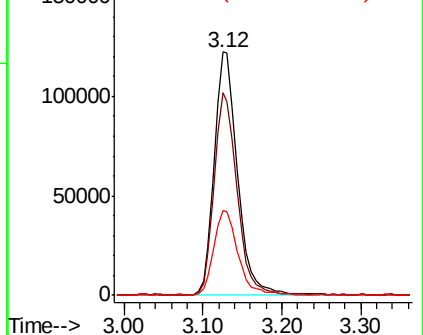
51 36.0 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 98.383 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014717.D

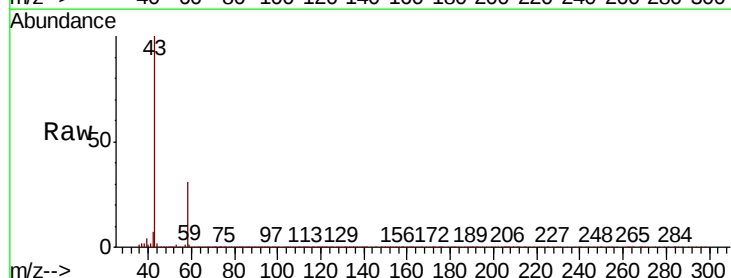
Acq: 27 Jan 2020 11:38

Tgt Ion: 43 Resp: 271811

Ion Ratio Lower Upper

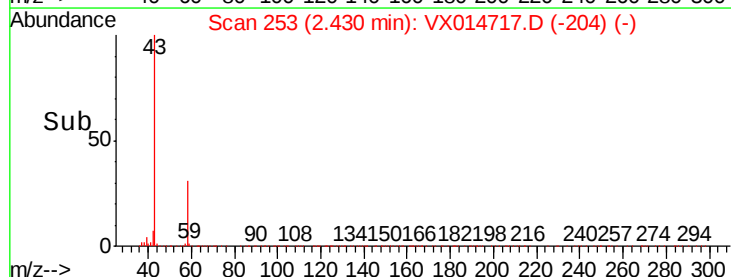
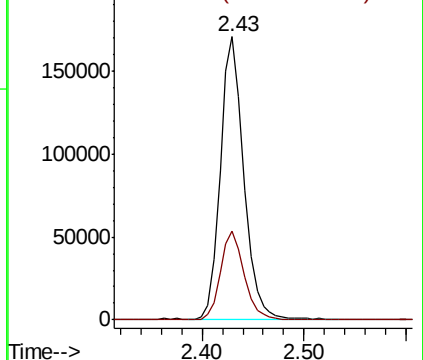
43 100

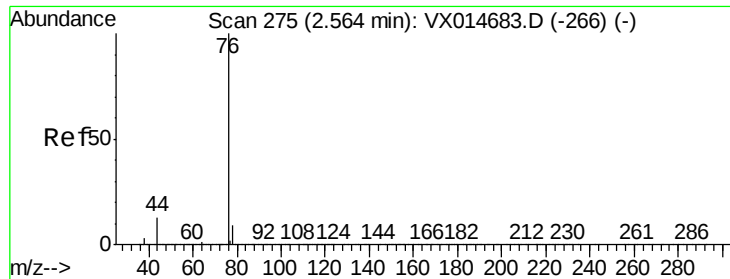
58 31.2 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

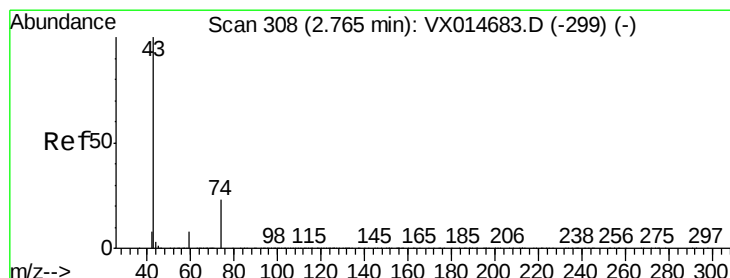
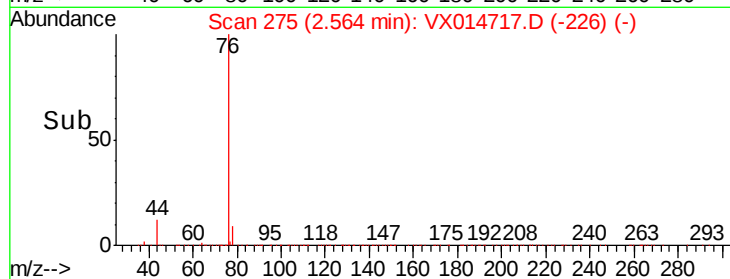
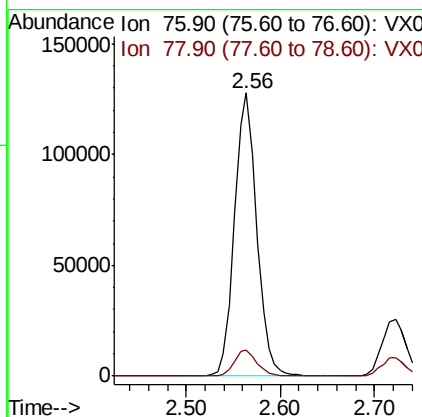
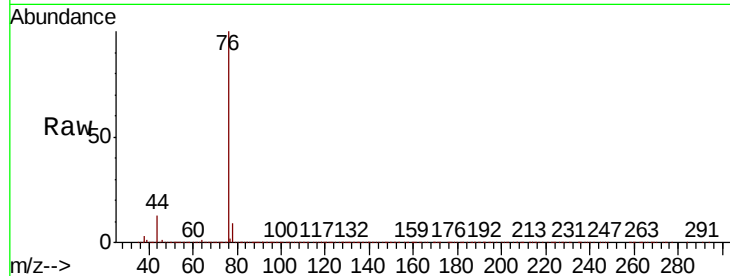




#17
Carbon Disulfide
Concen: 17.789 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

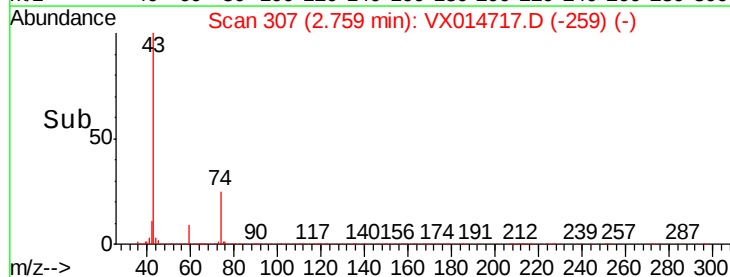
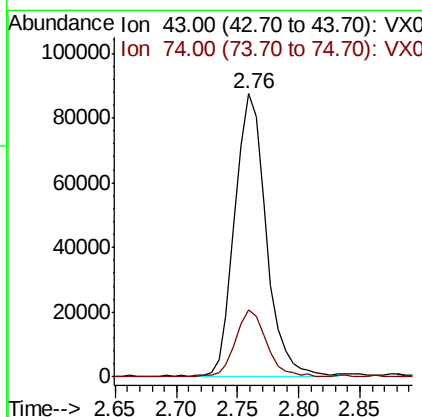
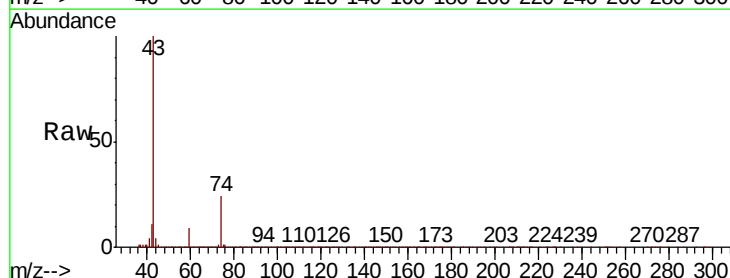
Instrument :
MSVOA_X
ClientSampled :

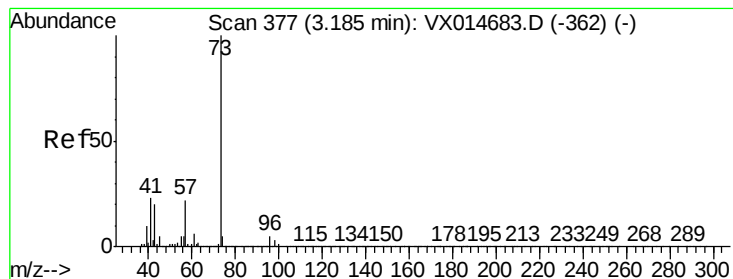
Tot Ion: 76 Resp: 208826
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 19.634 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Tgt Ion: 43 Resp: 154978
Ion Ratio Lower Upper
43 100
74 22.7 18.5 27.7



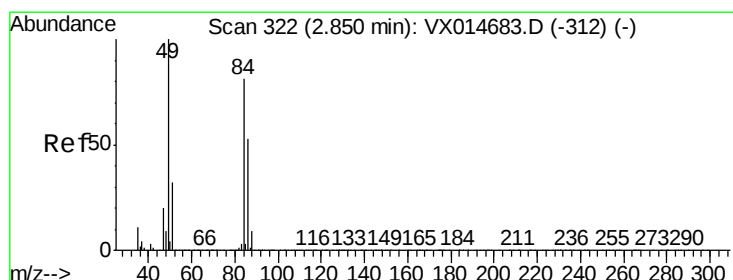
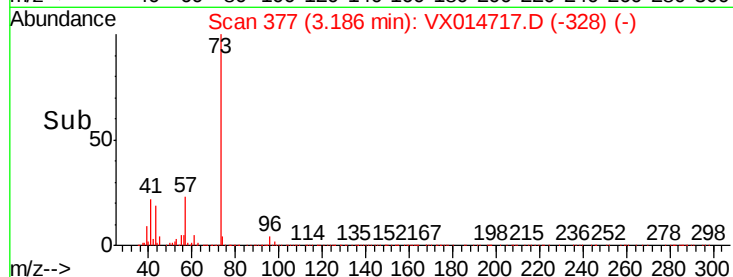
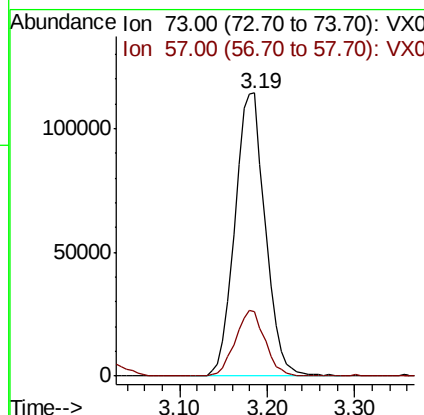
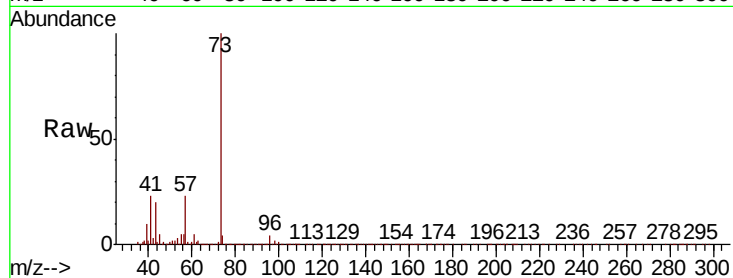


#19

Methyl tert-butyl Ether
 Concen: 19.578 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX014717.D
 Acq: 27 Jan 2020 11:38

Instrument :
 MSVOA_X
 ClientSampled :

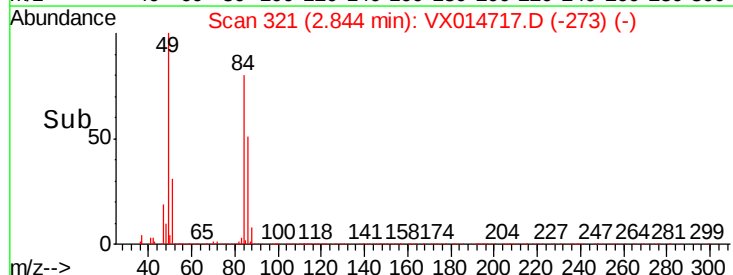
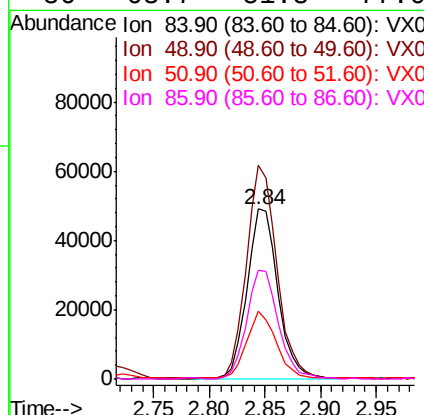
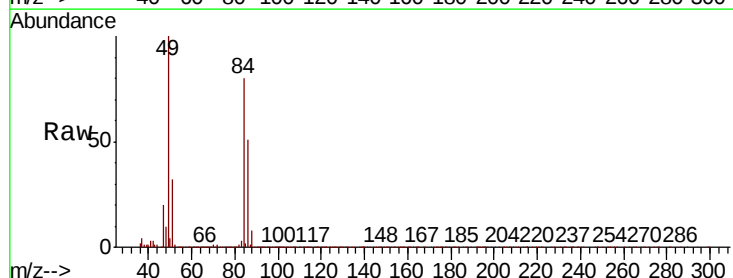
Tot Ion: 73 Resp: 275430
 Ion Ratio Lower Upper
 73 100
 57 22.6 18.0 27.0

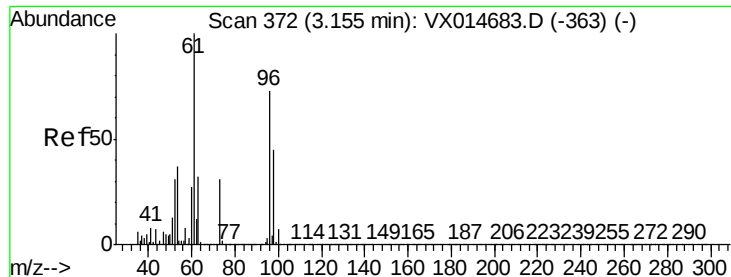


#20

Methylene Chloride
 Concen: 18.505 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX014717.D
 Acq: 27 Jan 2020 11:38

Tgt Ion: 84 Resp: 94691
 Ion Ratio Lower Upper
 84 100
 49 125.8 98.2 147.4
 51 39.0 31.3 46.9
 86 63.7 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.223 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :

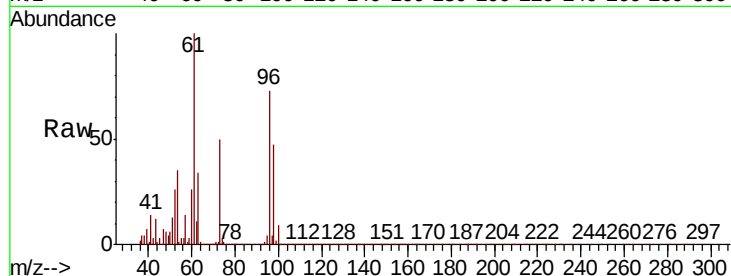
Tot Ion: 96 Resp: 86183

Ion Ratio Lower Upper

96 100

61 135.8 109.8 164.6

98 63.7 49.6 74.4

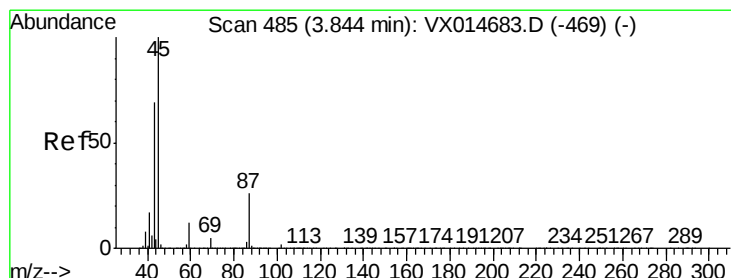
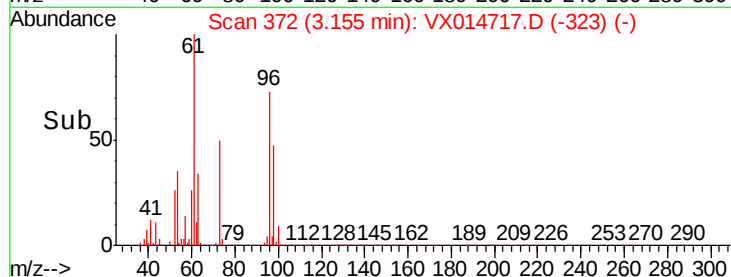
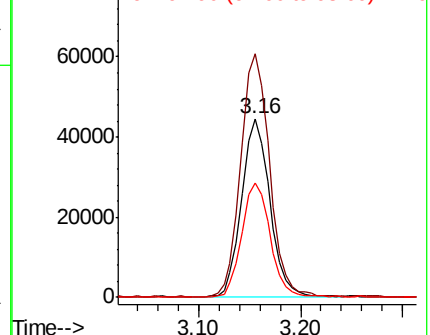


Abundance

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: 19.557 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Tgt Ion: 45 Resp: 300404

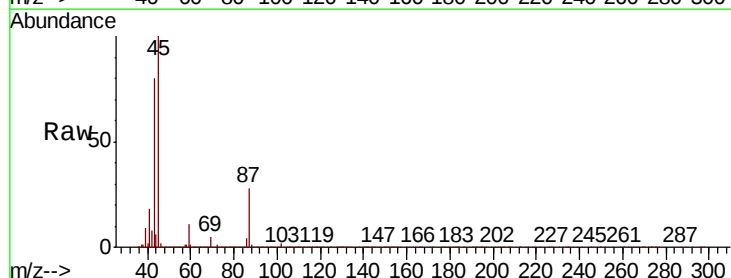
Ion Ratio Lower Upper

45 100

43 79.1 55.1 82.7

87 27.6 20.7 31.1

59 11.2 9.2 13.8



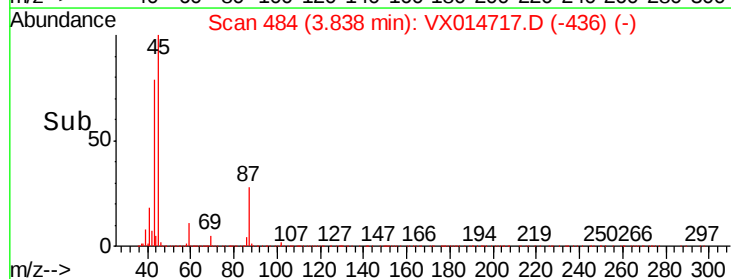
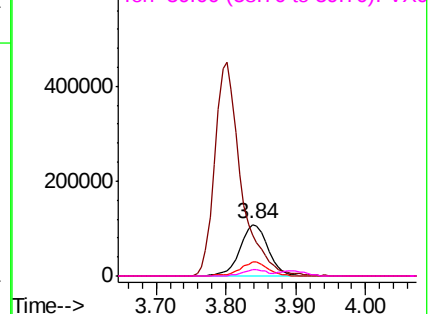
Abundance

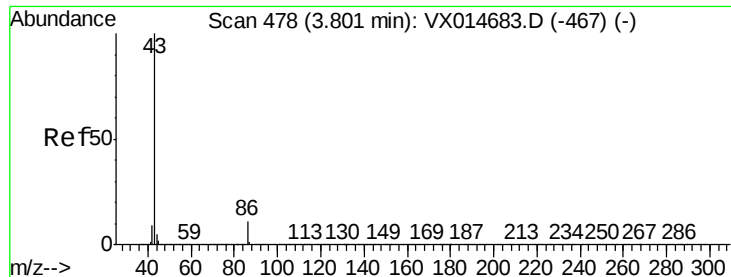
Ion 45.00 (44.70 to 45.70): VX0

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: 100.613 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

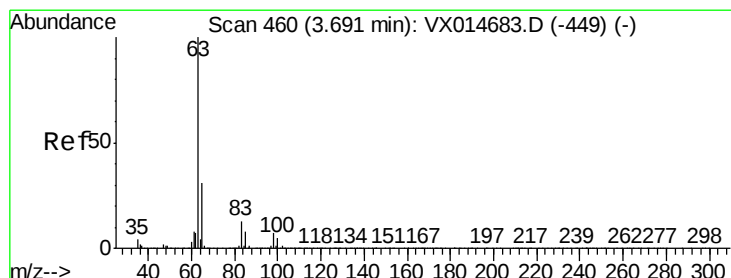
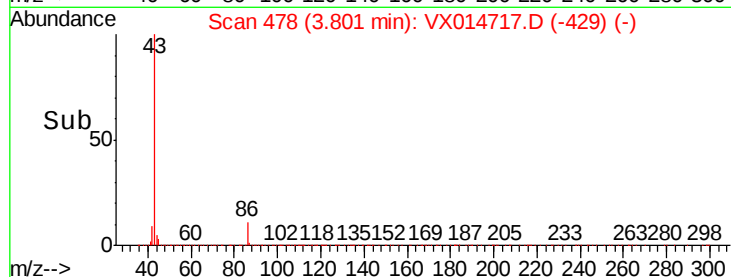
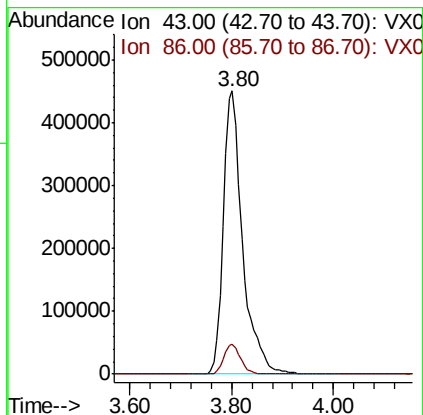
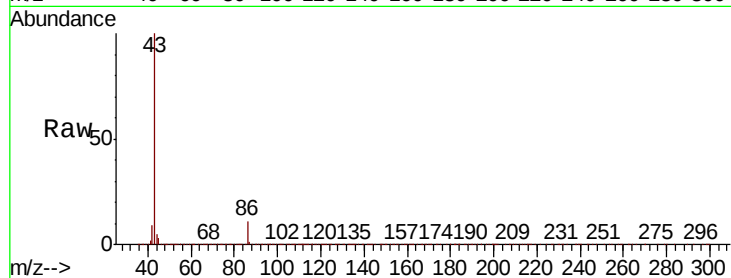
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 1178063

Ion Ratio Lower Upper

43 100

86 10.6 8.4 12.6



#24

1,1-Dichloroethane

Concen: 19.103 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

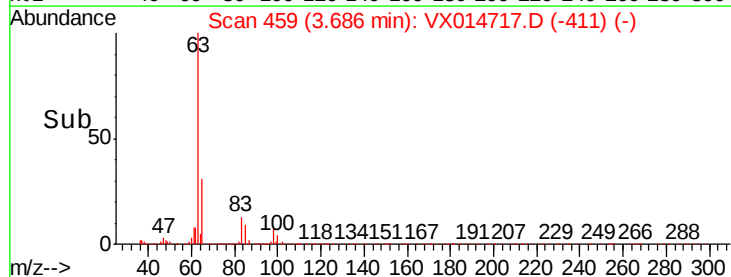
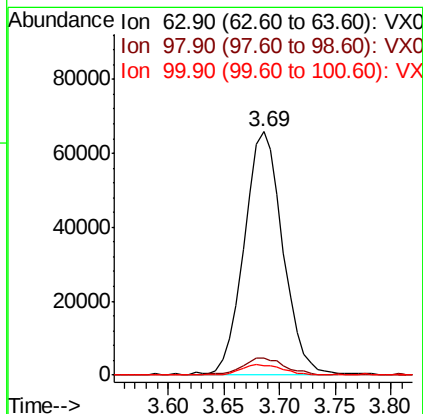
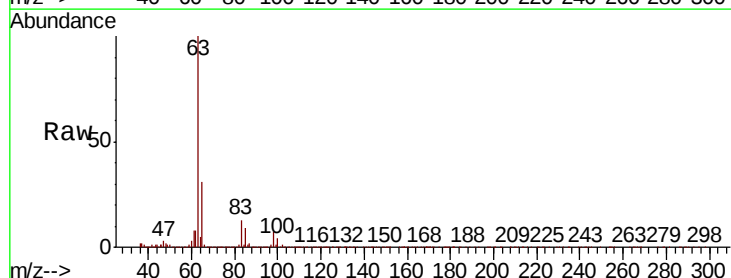
Tgt Ion: 63 Resp: 159355

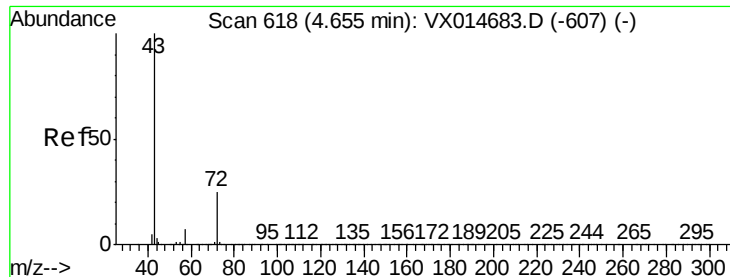
Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.8

100 4.0 2.2 6.6





#25

2-Butanone

Concen: 93.791 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_X

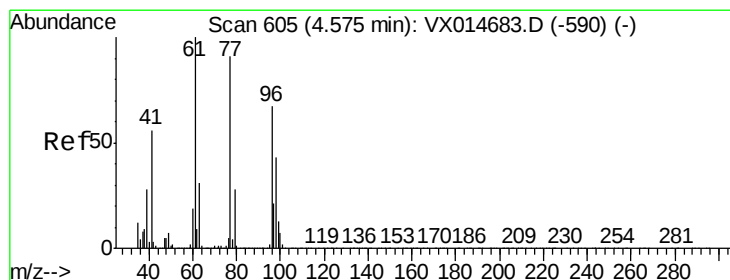
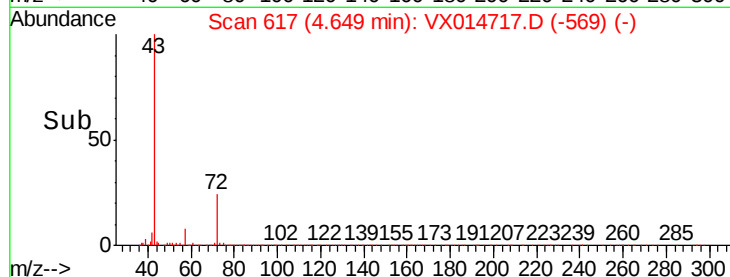
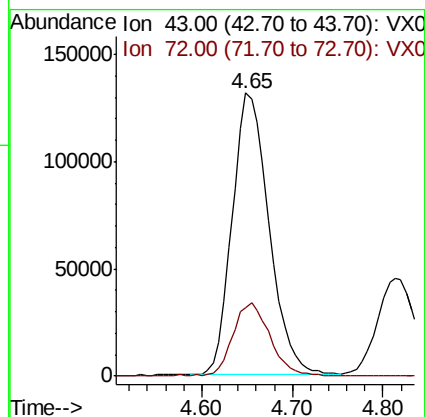
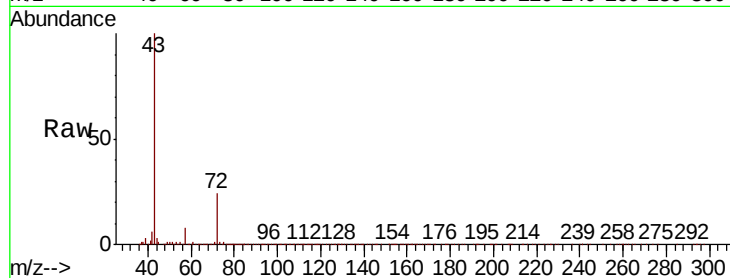
ClientSampleId :

Tot Ion: 43 Resp: 371603

Ion Ratio Lower Upper

43 100

72 23.8 19.9 29.9



#26

2,2-Dichloropropane

Concen: 18.852 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014717.D

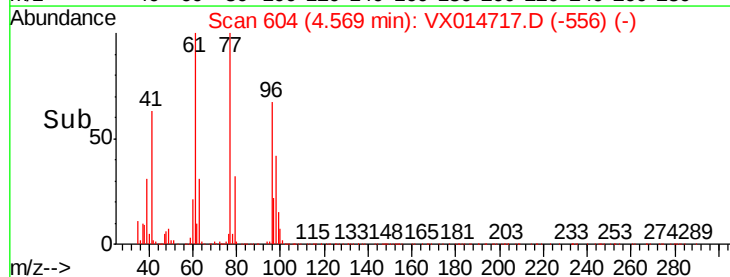
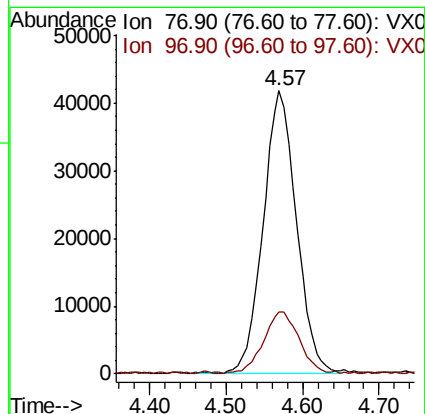
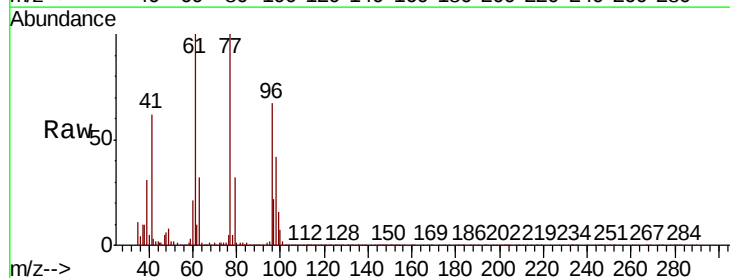
Acq: 27 Jan 2020 11:38

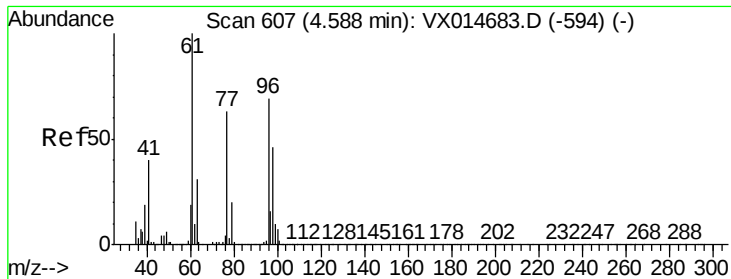
Tgt Ion: 77 Resp: 125874

Ion Ratio Lower Upper

77 100

97 23.7 11.8 35.3



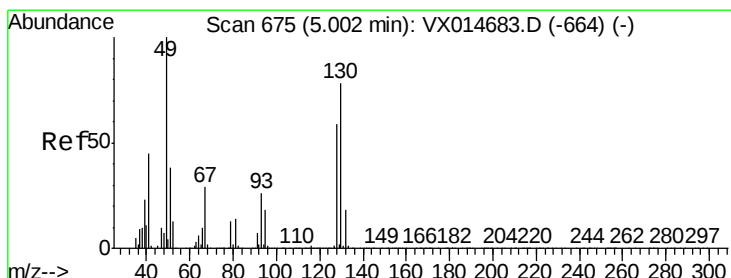
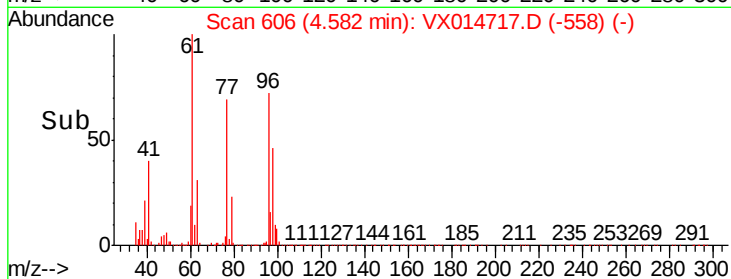
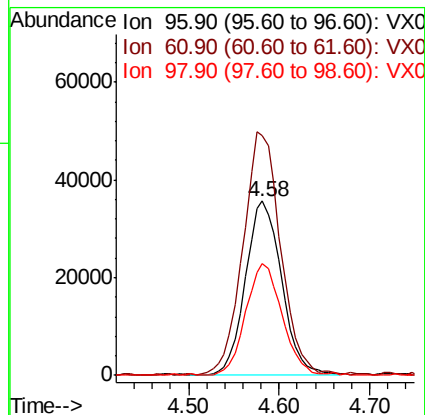
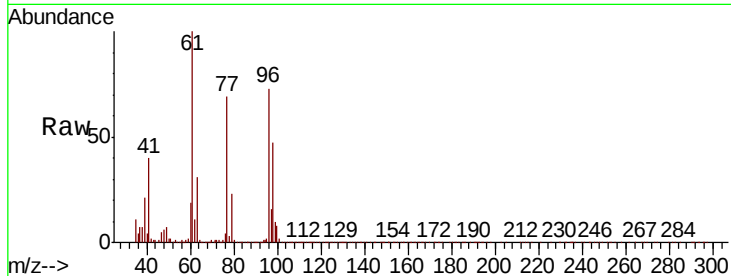


#27

cis-1,2-Dichloroethene
Concen: 18.703 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :

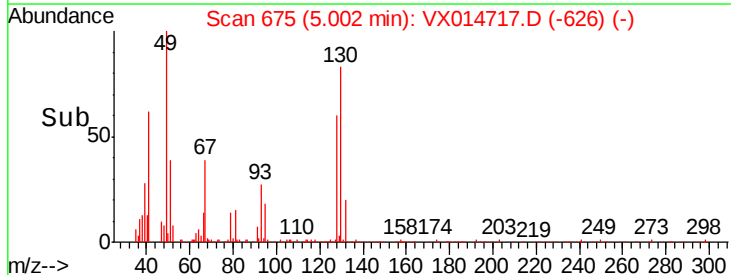
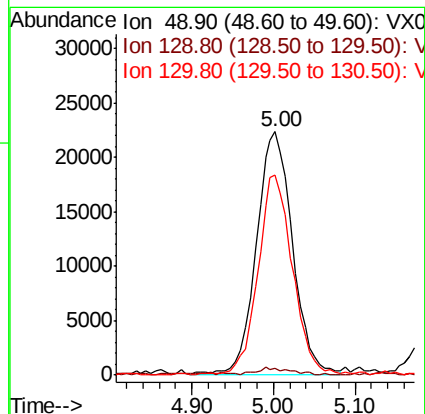
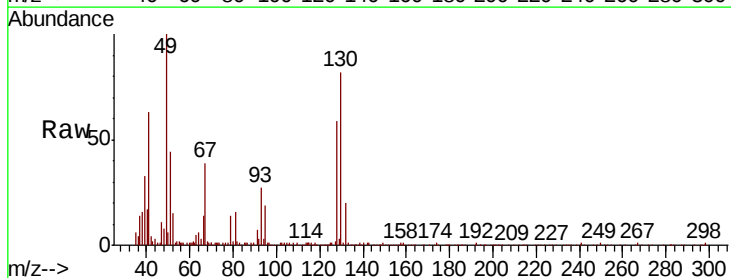
Tot Ion	Ratio	Lower	Upper
96	100		
61	143.3	0.0	291.0
98	63.7	0.0	129.8

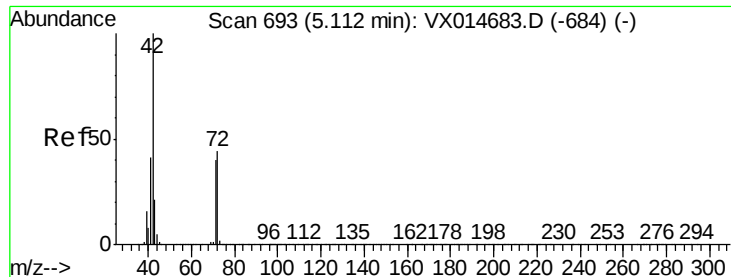


#28

Bromochloromethane
Concen: 18.928 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	4.8
130	77.4	62.4	93.6

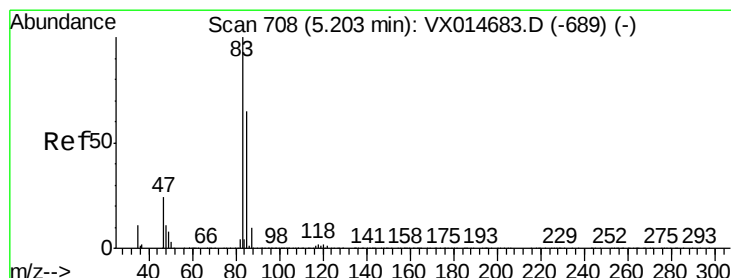
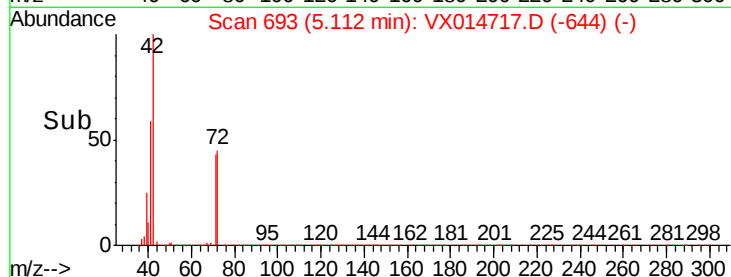
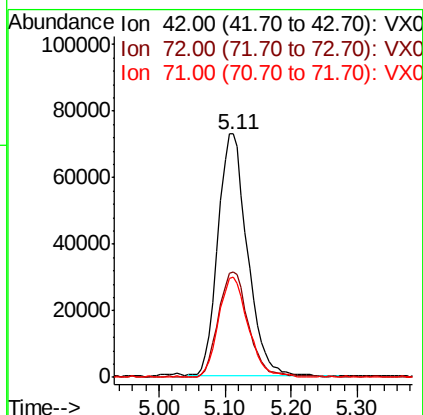
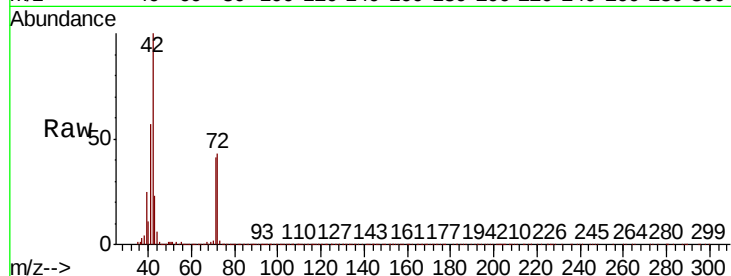




#29
Tetrahydrofuran
Concen: 95.544 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

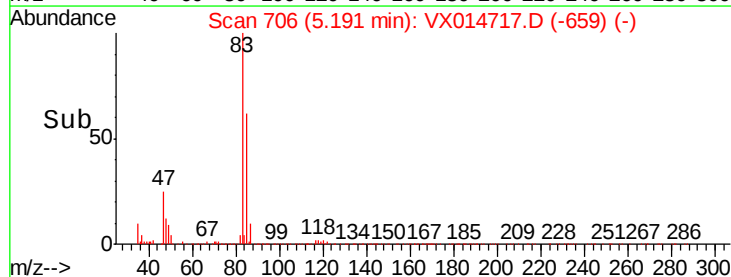
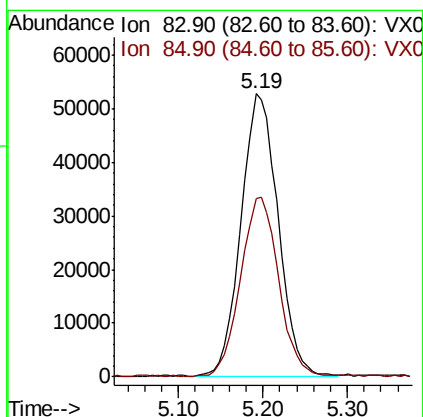
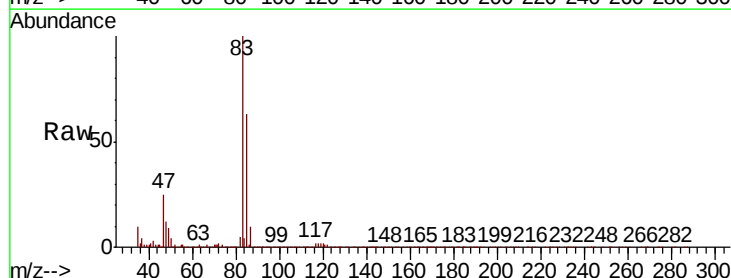
Instrument :
MSVOA_X
ClientSampleId :

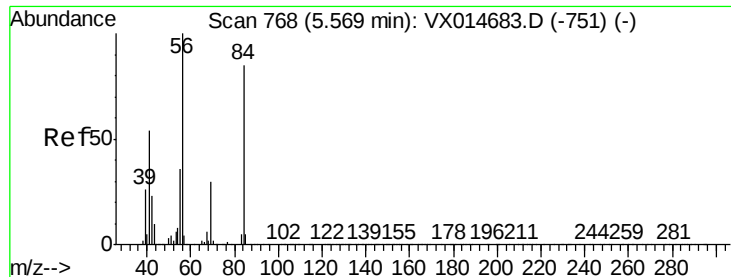
Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	35.3	52.9
71	41.0	33.1	49.7



#30
Chloroform
Concen: 18.971 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.7	77.5

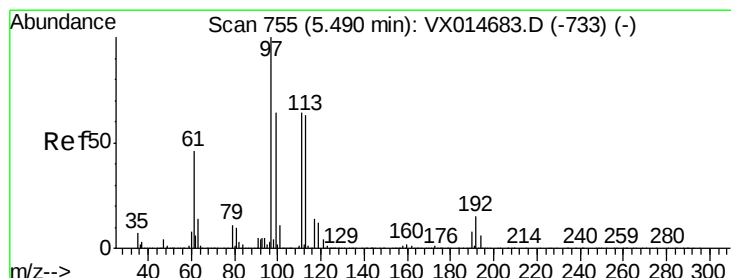
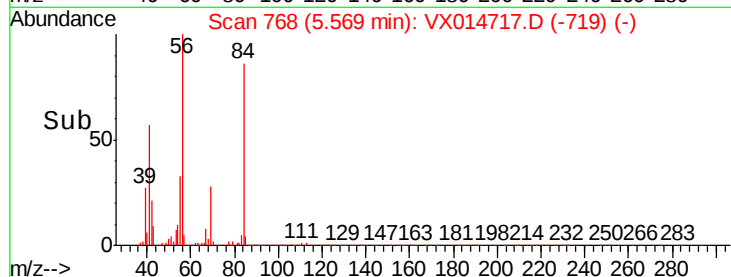
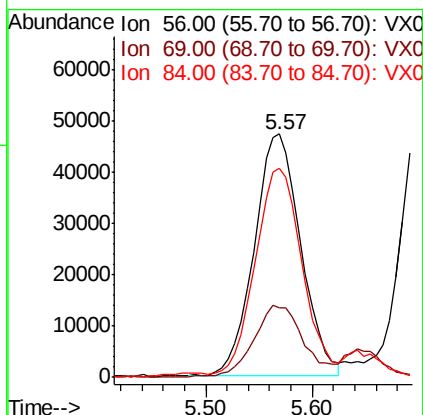
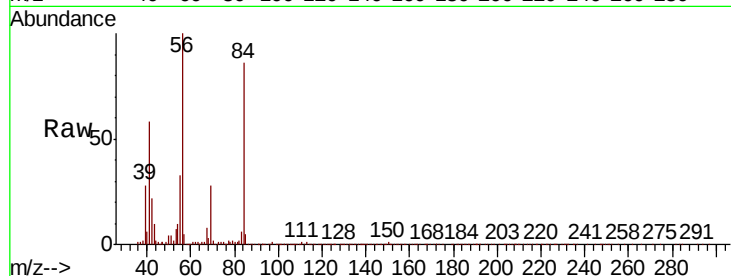




#31
Cyclohexane
Concen: 18.457 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

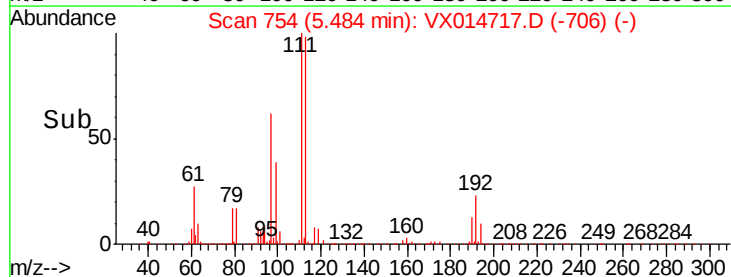
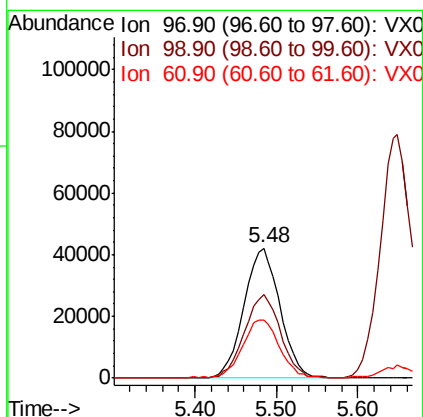
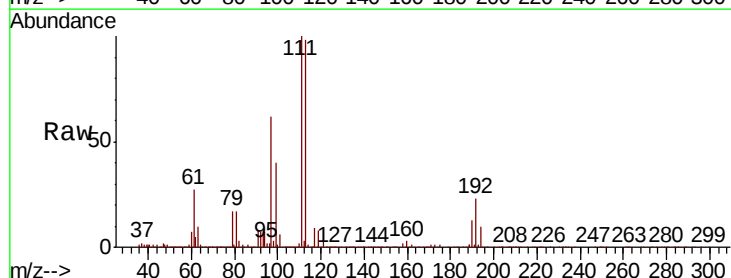
Instrument :
MSVOA_X
ClientSampleId :

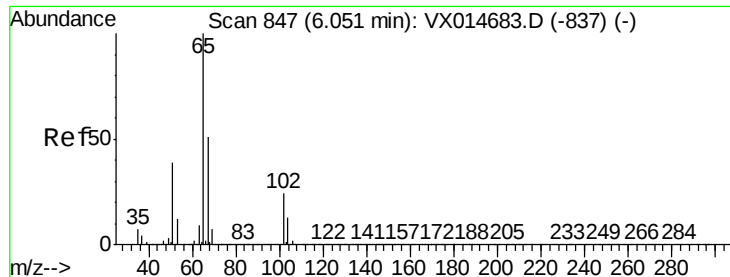
Tot Ion: 56 Resp: 144808
Ion Ratio Lower Upper
56 100
69 27.6 23.4 35.2
84 84.6 68.4 102.6



#32
1,1,1-Trichloroethane
Concen: 18.390 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Tgt Ion: 97 Resp: 128448
Ion Ratio Lower Upper
97 100
99 65.0 52.3 78.5
61 47.1 37.2 55.8

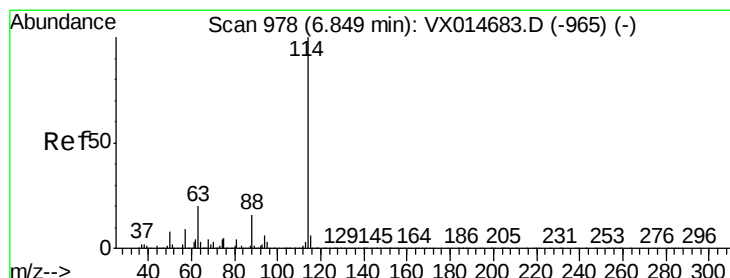
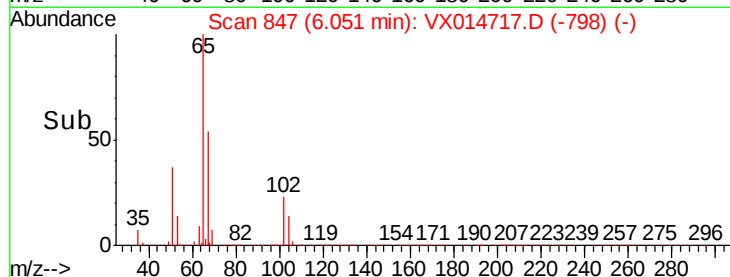
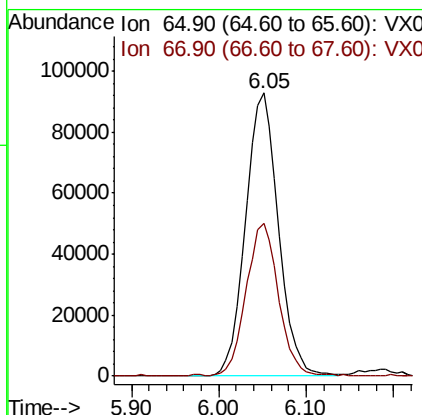
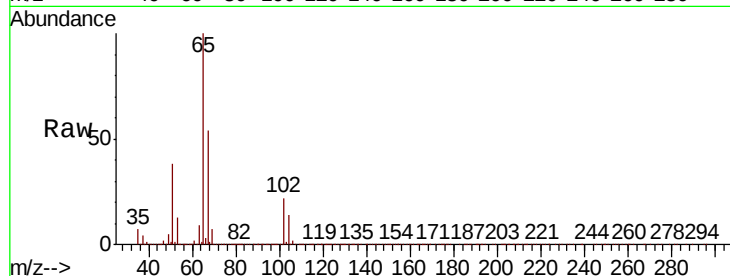




#33
 1,2-Dichloroethane-d4
 Concen: 47.950 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014717.D
 Acq: 27 Jan 2020 11:38

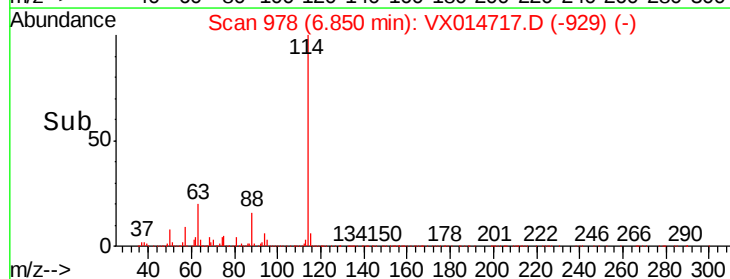
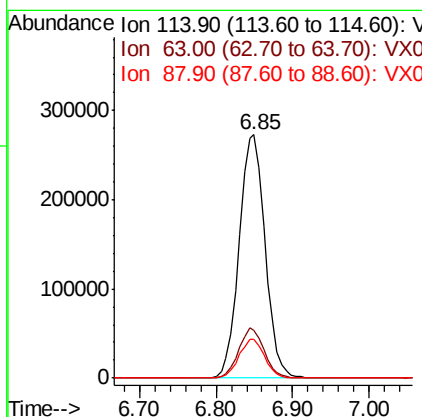
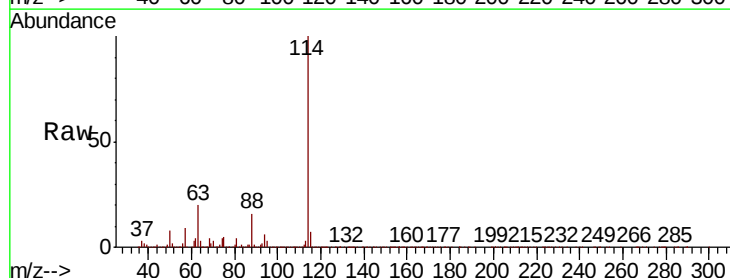
Instrument :
 MSVOA_X
 ClientSampleId :

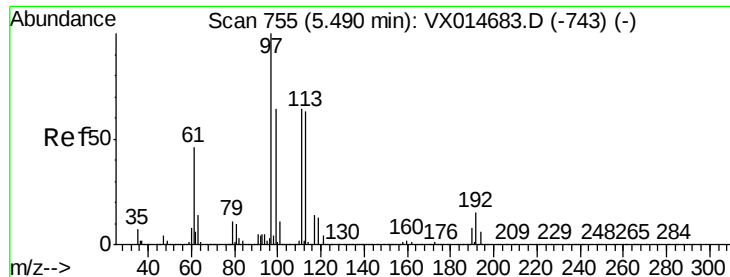
Tot Ion: 65 Resp: 241937
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014717.D
 Acq: 27 Jan 2020 11:38

Tgt Ion: 114 Resp: 640544
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.6
 88 15.7 0.0 31.2

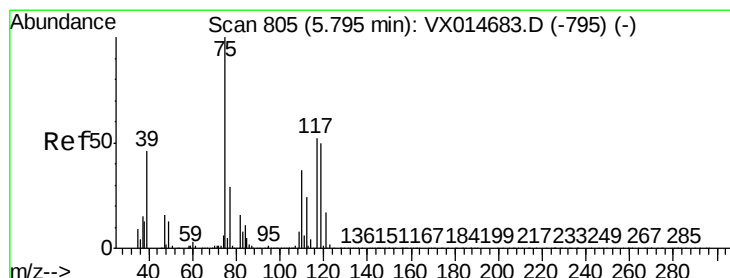
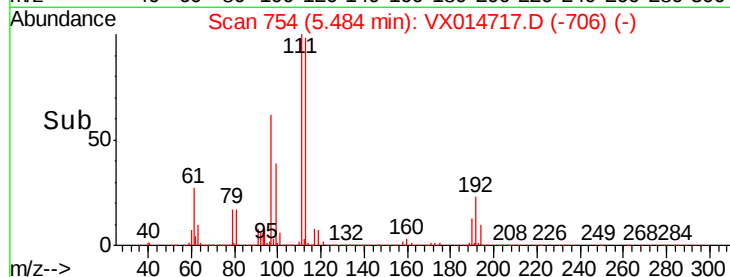
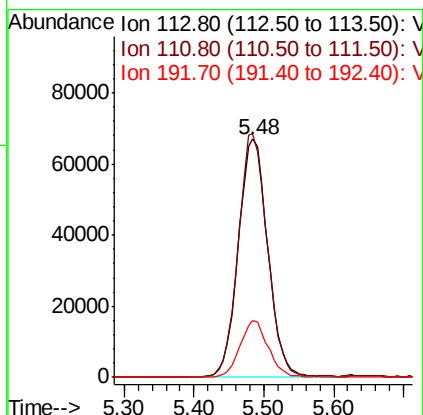
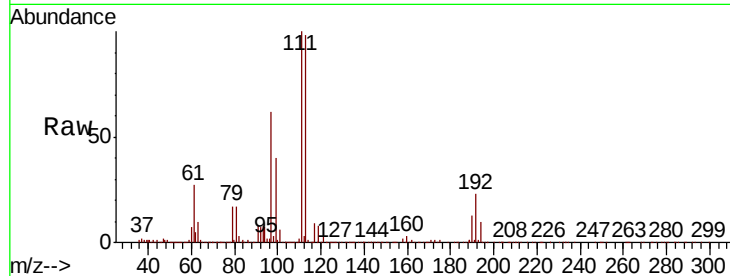




#35
 Dibromofluoromethane
 Concen: 48.593 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014717.D
 Acq: 27 Jan 2020 11:38

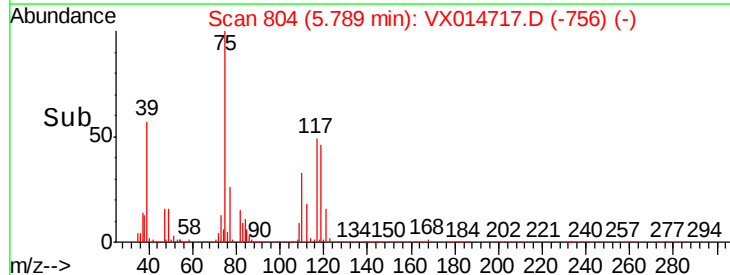
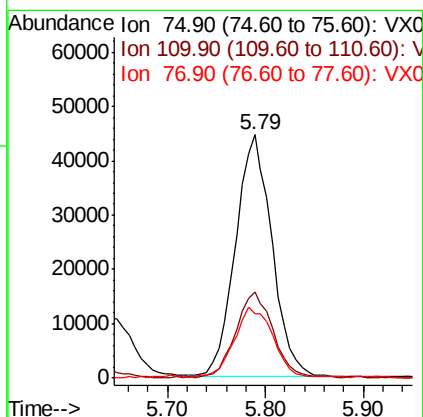
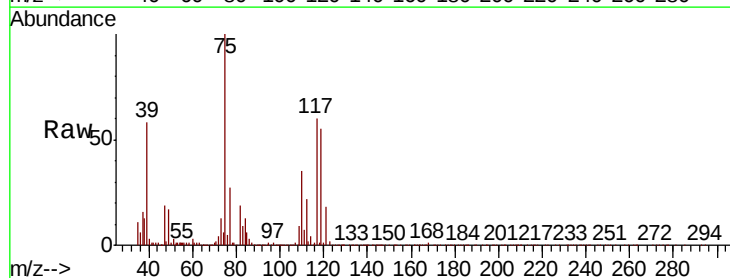
Instrument :
 MSVOA_X
 ClientSampled :

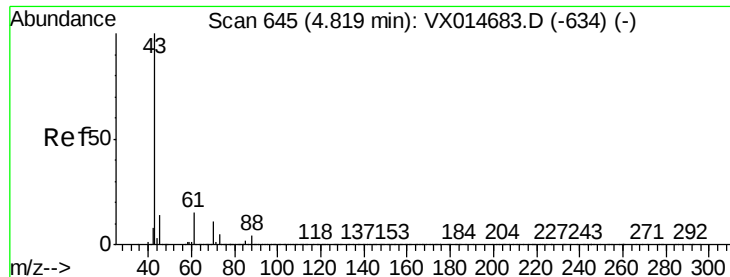
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.8	80.7	121.1
192	23.0	18.5	27.7



#36
 1,1-Dichloropropene
 Concen: 19.355 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX014717.D
 Acq: 27 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	17.9	53.7
77	30.6	24.1	36.1

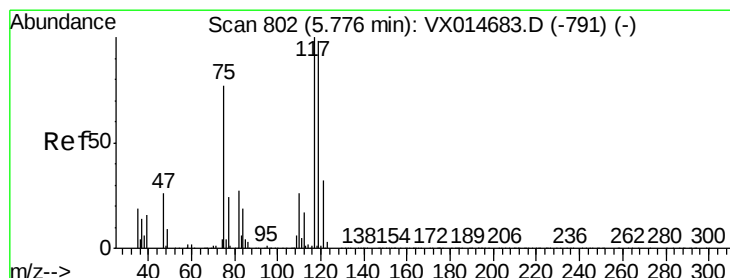
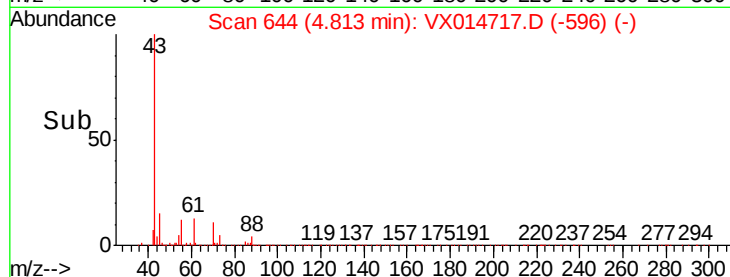
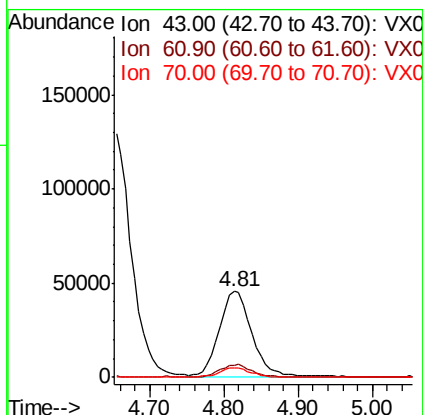
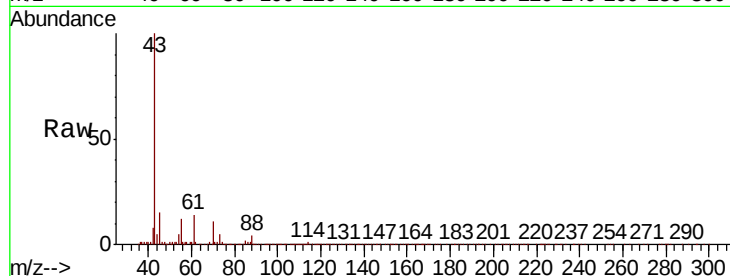




#37
Ethyl Acetate
Concen: 20.128 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

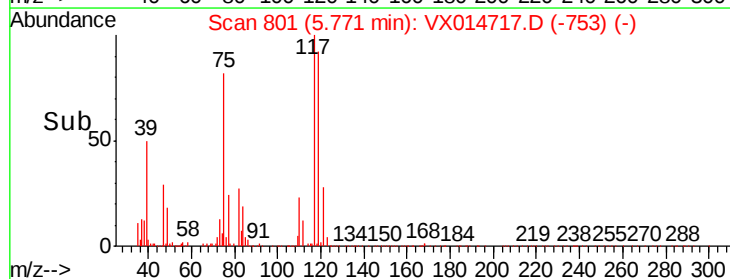
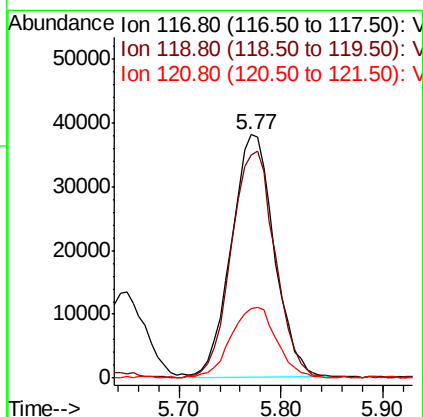
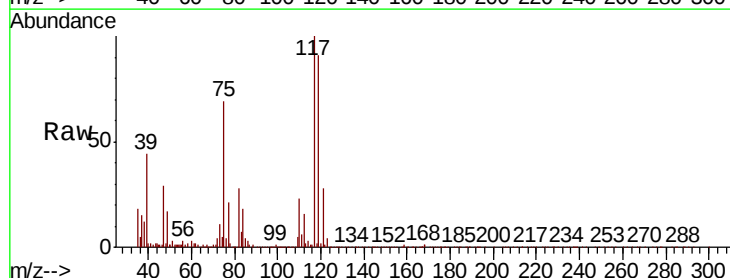
Instrument :
MSVOA_X
ClientSampleId :

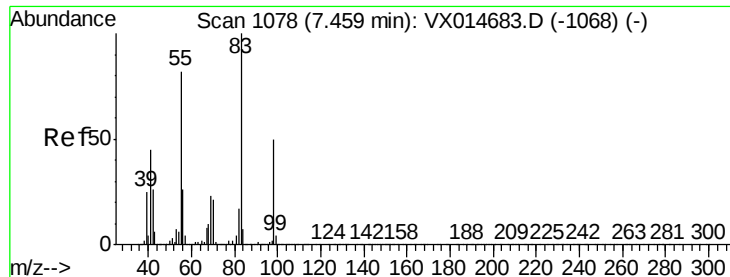
Tot Ion: 43 Resp: 137210
Ion Ratio Lower Upper
43 100
61 15.0 11.0 16.4
70 10.6 8.5 12.7



#38
Carbon Tetrachloride
Concen: 19.534 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Tgt Ion: 117 Resp: 111036
Ion Ratio Lower Upper
117 100
119 91.2 77.9 116.9
121 28.3 25.4 38.2

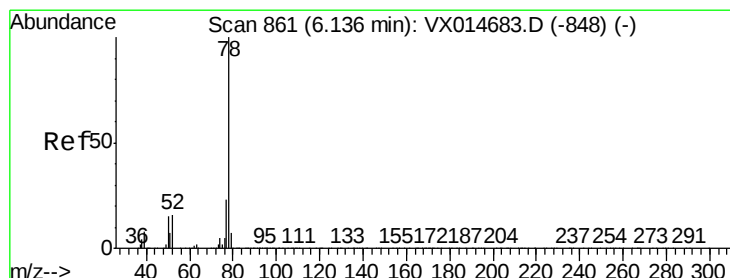
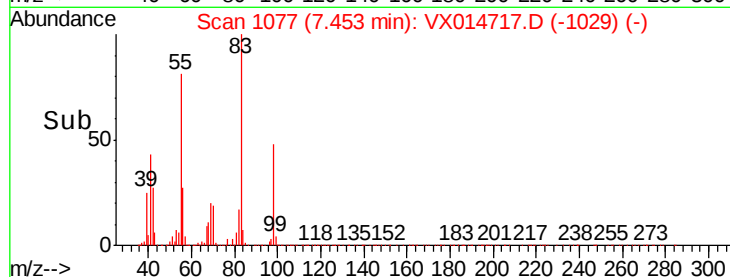
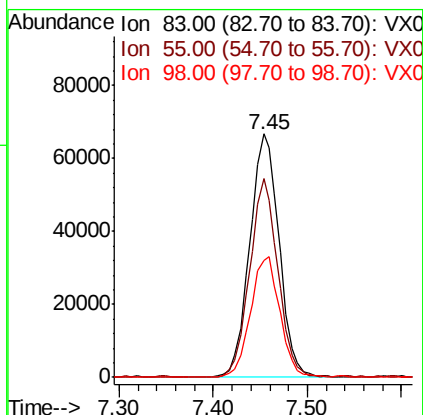
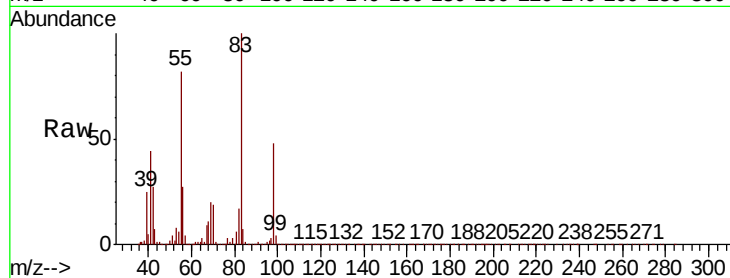




#39
Methvlcvclohexane
Concen: 19.505 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

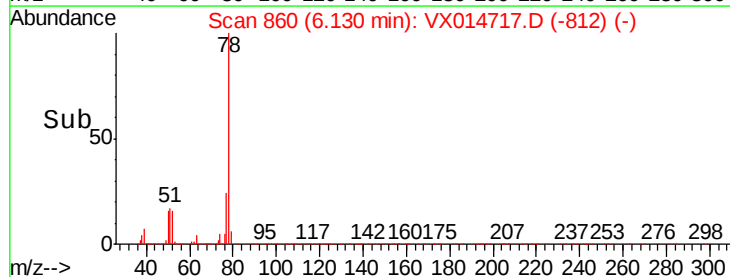
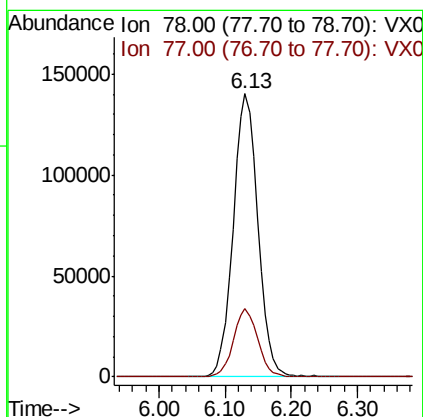
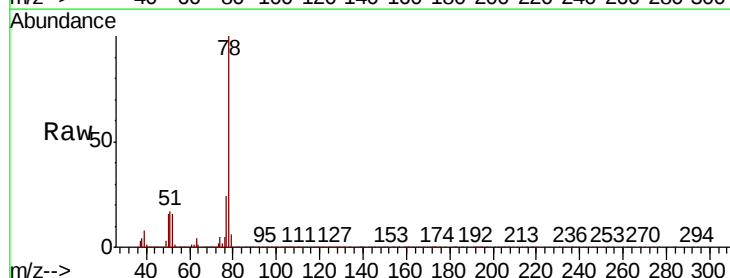
Instrument :
MSVOA_X
ClientSampleId :

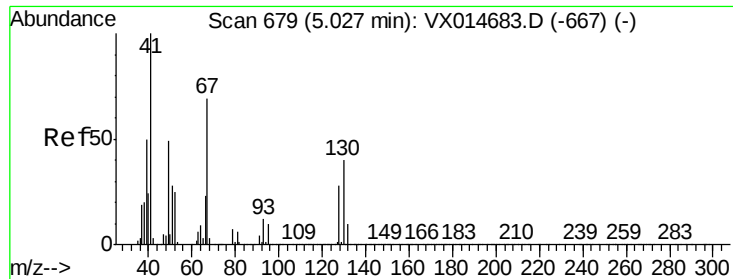
Tot Ion	Ratio	Lower	Upper
83	100		
55	81.6	65.6	98.4
98	48.3	40.2	60.4



#40
Benzene
Concen: 19.759 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.7	28.1

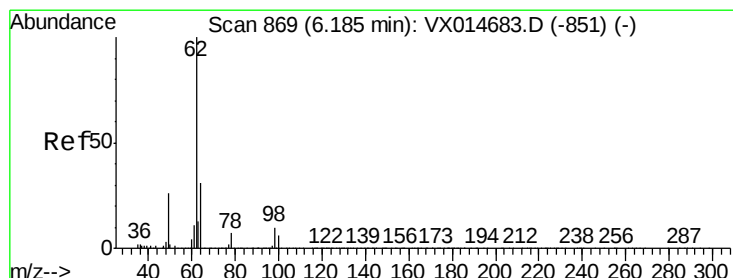
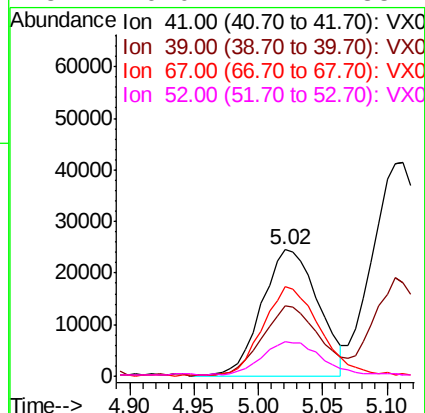
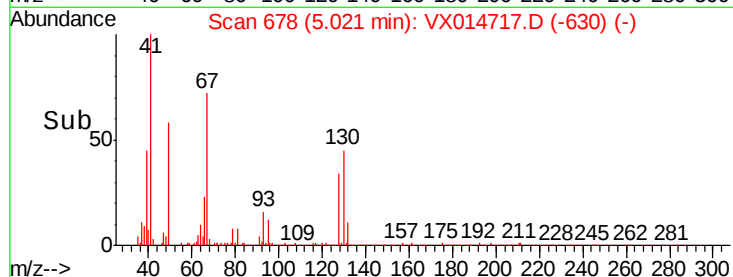
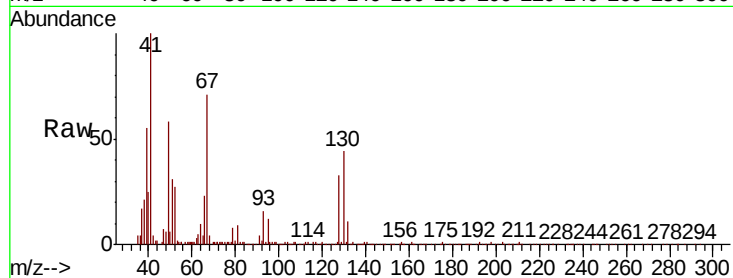




#41
Methacrylonitrile
Concen: 19.100 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

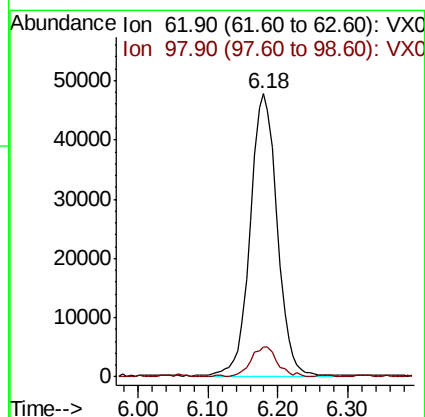
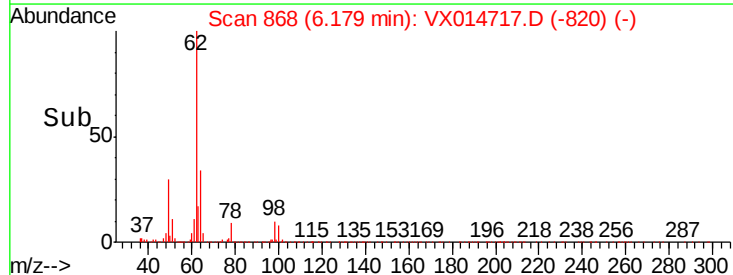
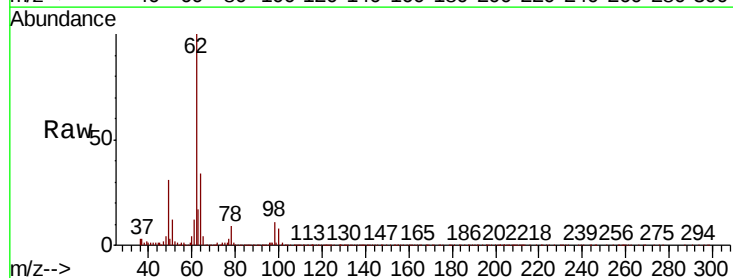
Instrument :
MSVOA_X
ClientSampleId :

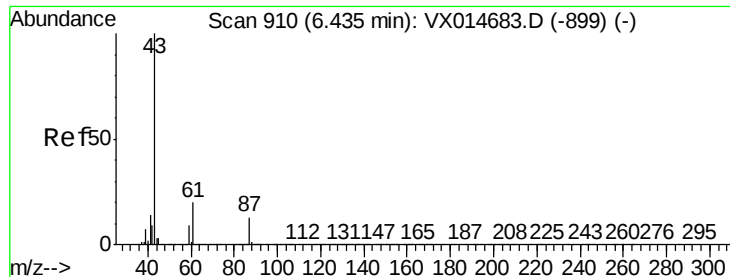
Tot Ion:	41	Resp:	74895
Ion	Ratio	Lower	Upper
41	100		
39	57.2	42.2	63.2
67	71.1	55.4	83.0
52	26.0	22.1	33.1



#42
1,2-Dichloroethane
Concen: 20.198 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Tgt Ion:	62	Resp:	128272
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.0



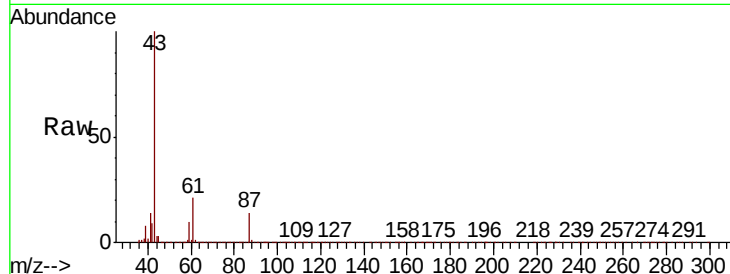


#43

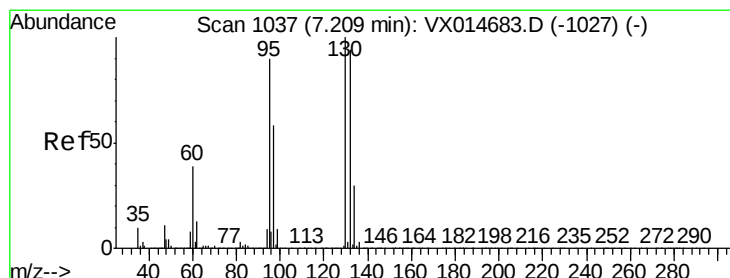
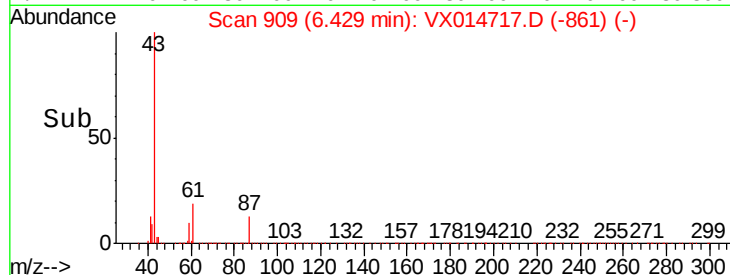
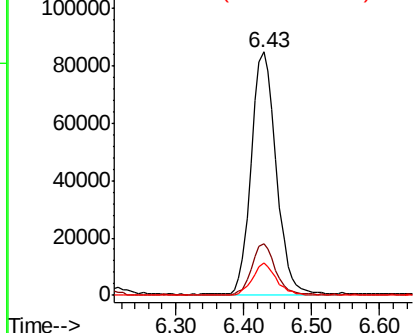
Isopropyl Acetate
 Concen: 19.756 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014717.D
 Acq: 27 Jan 2020 11:38

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	16.2	24.4
87	12.4	10.5	15.7



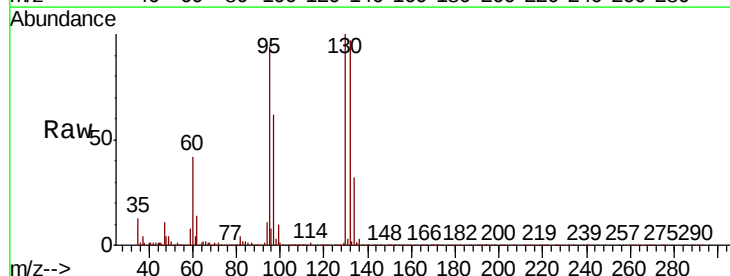
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



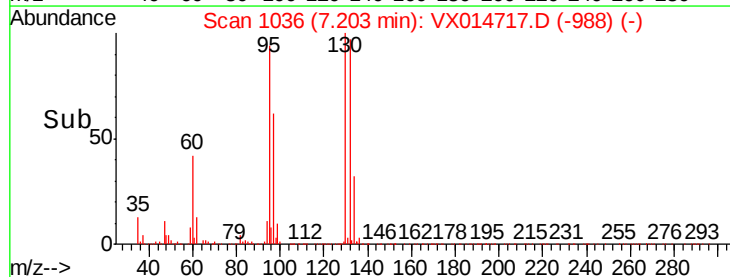
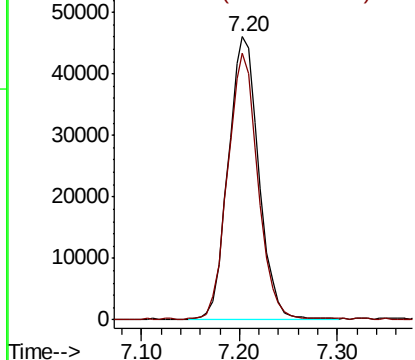
#44

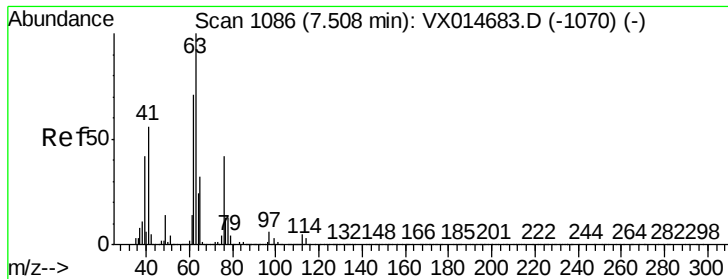
Trichloroethene
 Concen: 19.229 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014717.D
 Acq: 27 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.5	0.0	179.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.788 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_X

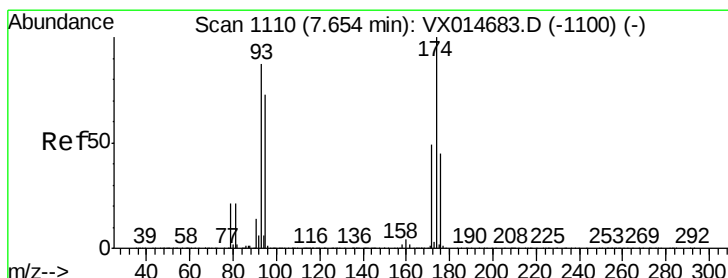
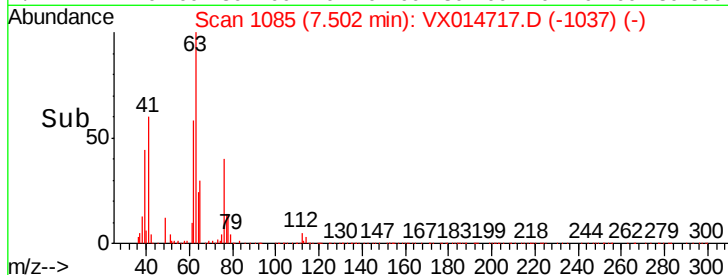
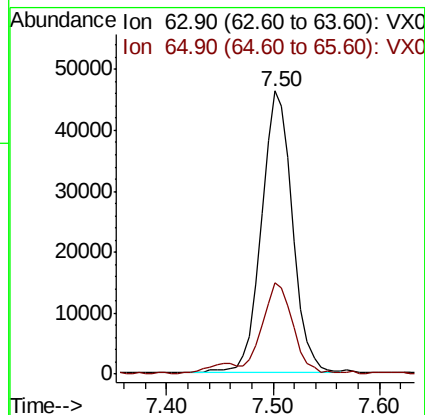
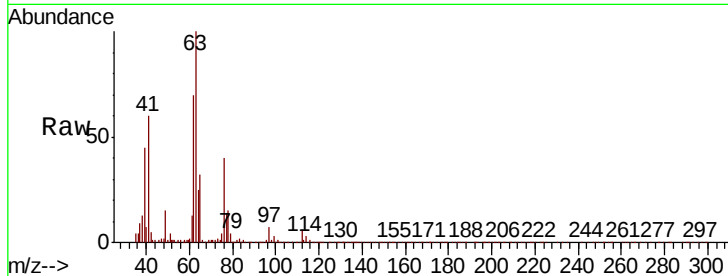
ClientSampleId :

Tot Ion: 63 Resp: 93752

Ion Ratio Lower Upper

63 100

65 31.8 25.2 37.8



#46

Dibromomethane

Concen: 19.852 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

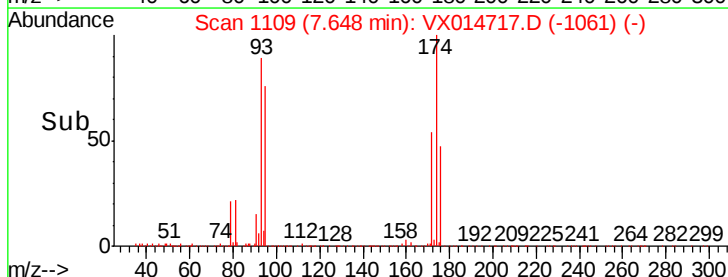
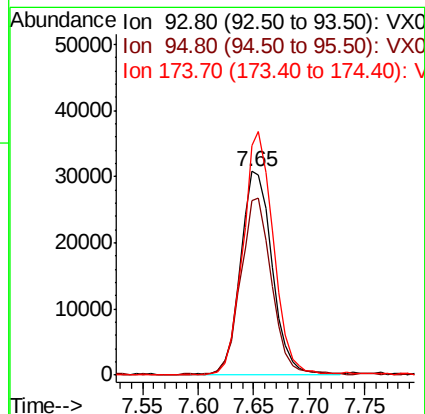
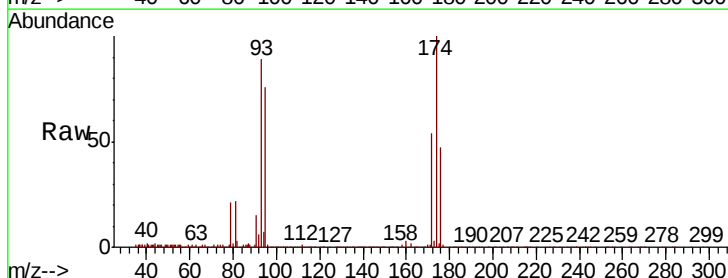
Tgt Ion: 93 Resp: 60915

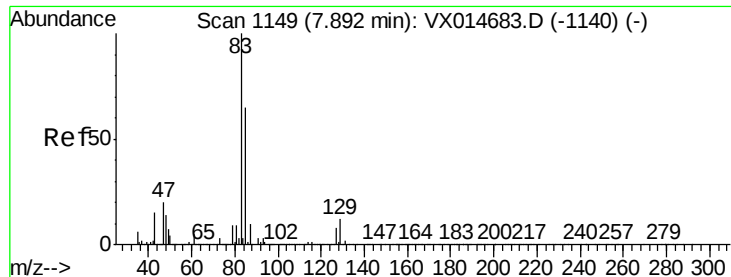
Ion Ratio Lower Upper

93 100

95 85.8 67.0 100.4

174 115.6 90.2 135.2





#47

Bromodichloromethane

Concen: 20.014 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :

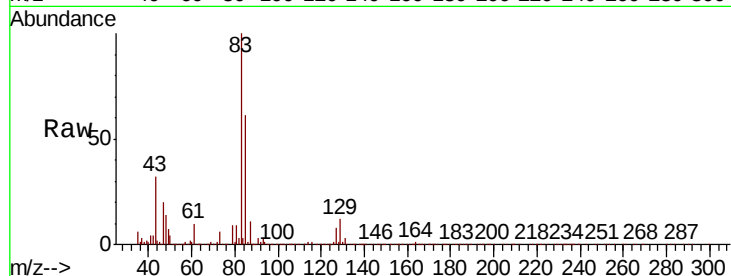
Tot Ion: 83 Resp: 120448

Ion Ratio Lower Upper

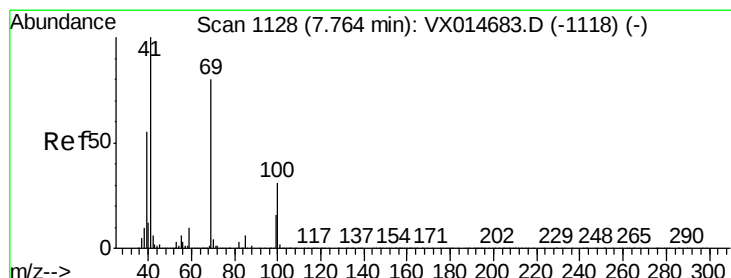
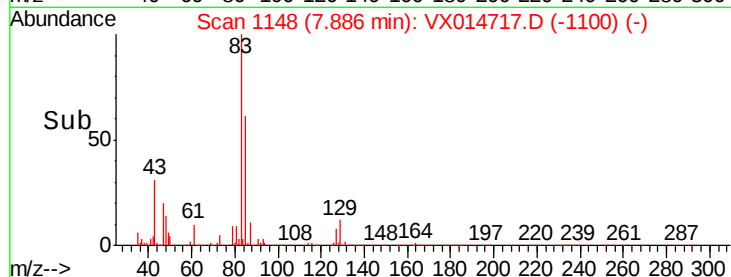
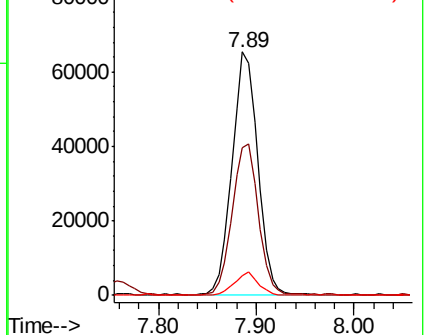
83 100

85 60.4 52.2 78.2

127 7.7 6.4 9.6



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: 20.289 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

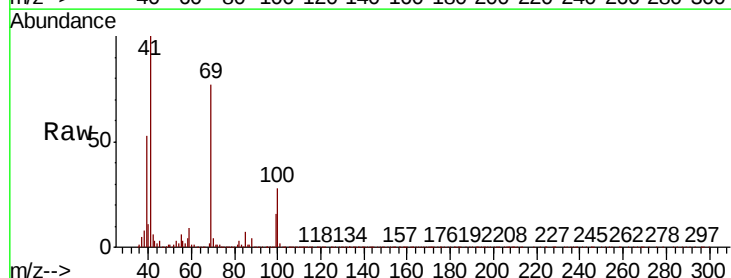
Tgt Ion: 41 Resp: 108215

Ion Ratio Lower Upper

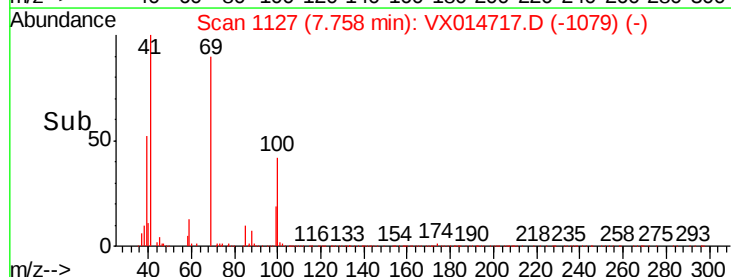
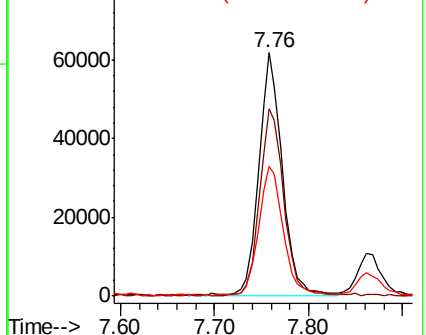
41 100

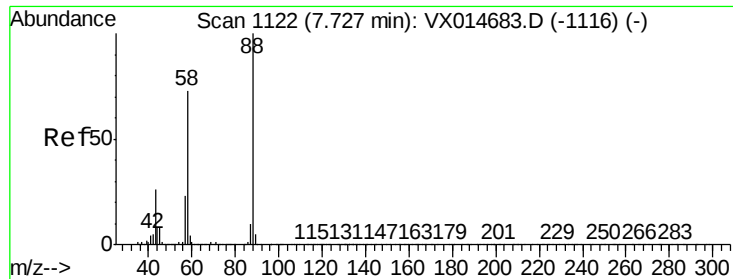
69 79.2 63.5 95.3

39 54.9 43.7 65.5



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: 391.700 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

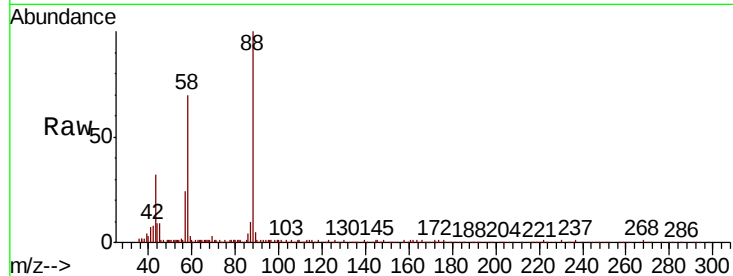
Tot Ion: 88 Resp: 44286

Ion Ratio Lower Upper

88 100

43 34.6 26.2 39.2

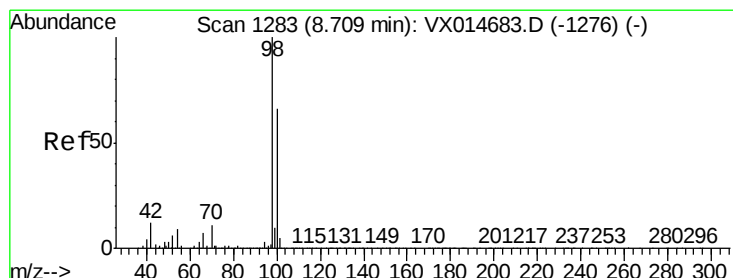
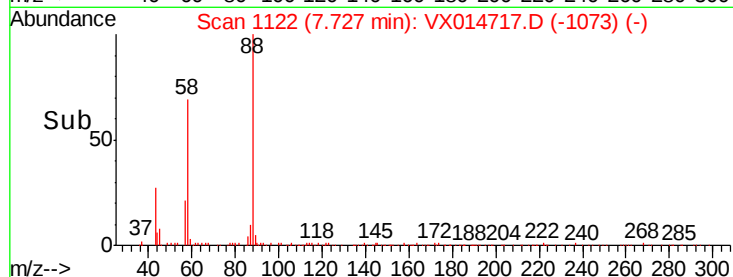
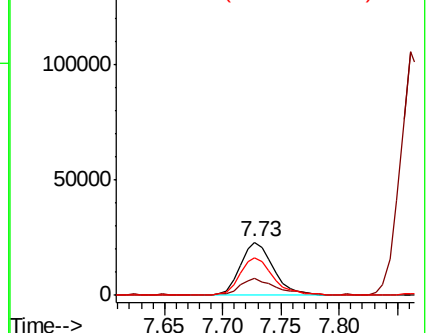
58 71.7 56.6 85.0



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: 47.964 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014717.D

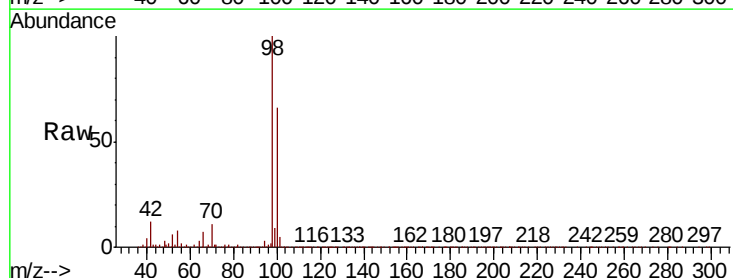
Acq: 27 Jan 2020 11:38

Tgt Ion: 98 Resp: 745276

Ion Ratio Lower Upper

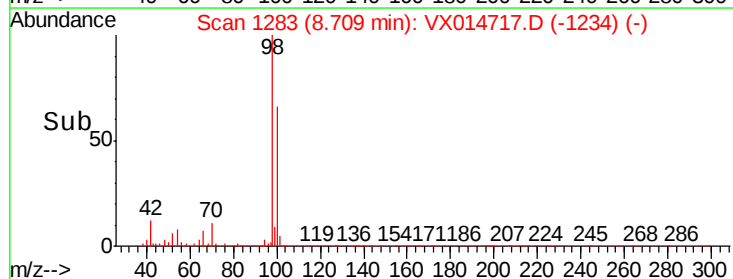
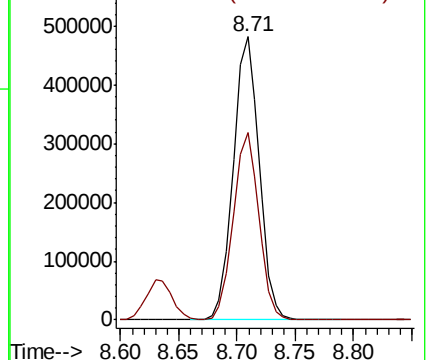
98 100

100 65.5 53.0 79.6



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: 98.113 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_X

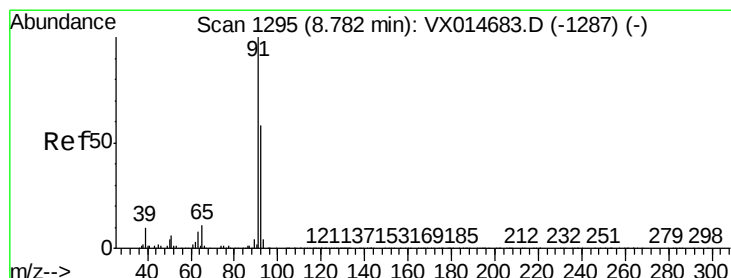
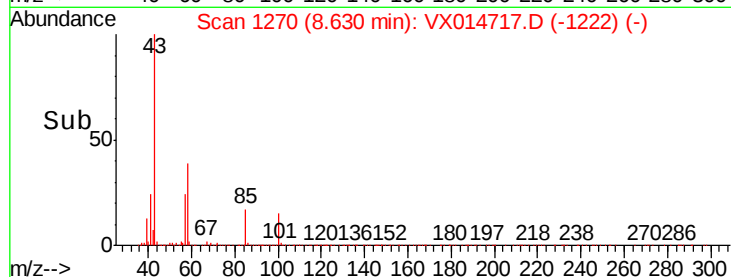
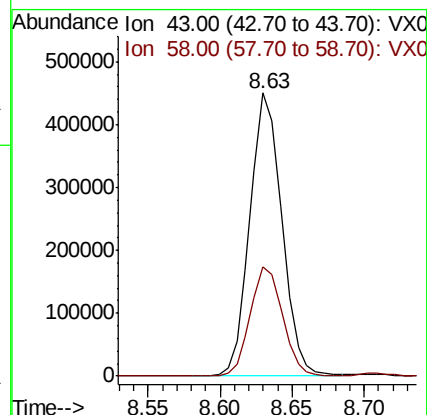
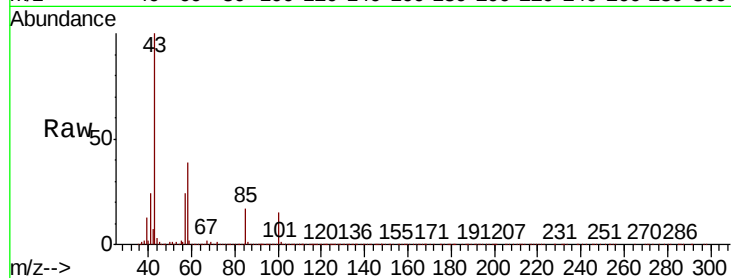
ClientSampleId :

Tot Ion: 43 Resp: 691263

Ion Ratio Lower Upper

43 100

58 39.0 31.6 47.4



#52

Toluene

Concen: 19.762 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014717.D

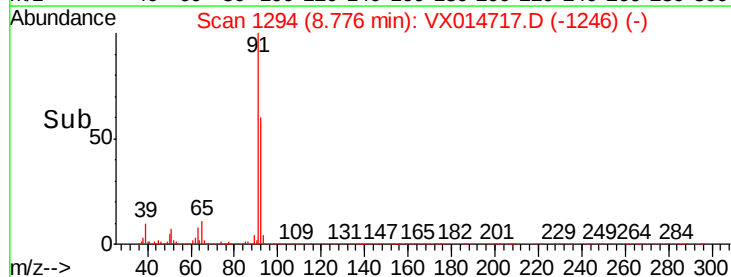
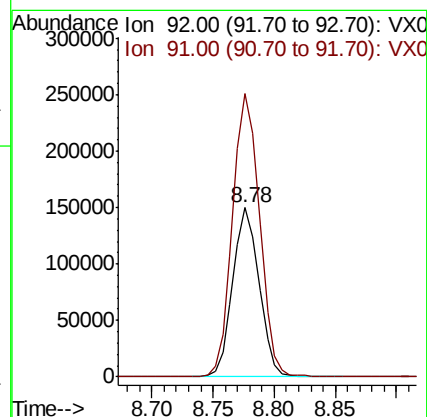
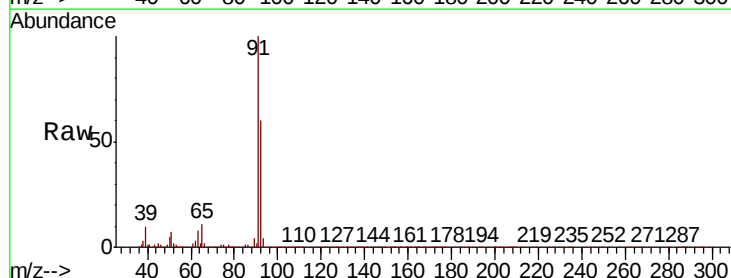
Acq: 27 Jan 2020 11:38

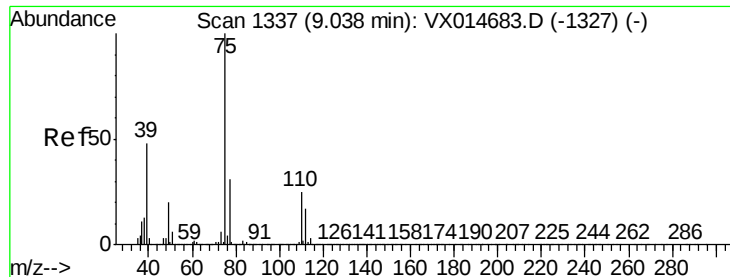
Tgt Ion: 92 Resp: 223396

Ion Ratio Lower Upper

92 100

91 171.3 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 20.443 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_X

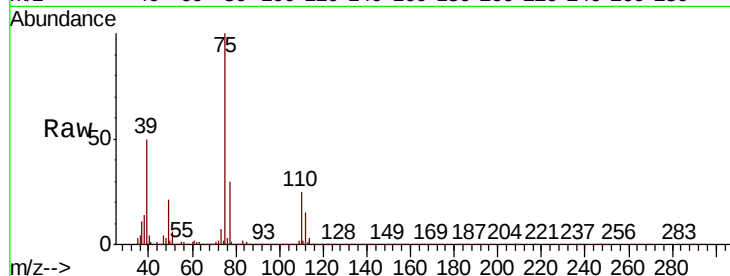
ClientSampled :

Tot Ion: 75 Resp: 132472

Ion Ratio Lower Upper

75 100

77 30.0 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.03

100000

80000

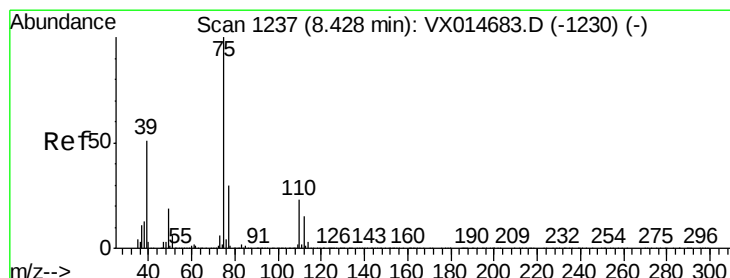
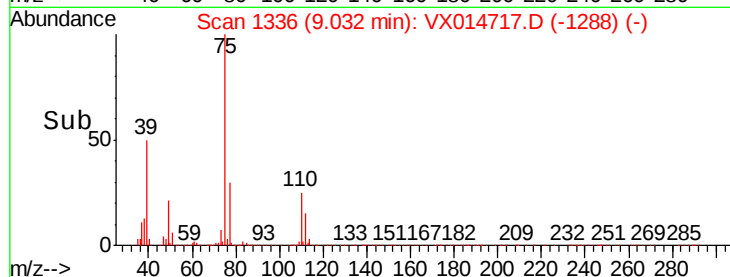
60000

40000

20000

0

Time--> 8.95 9.00 9.05 9.10 9.15



#54

cis-1,3-Dichloropropene

Concen: 20.767 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

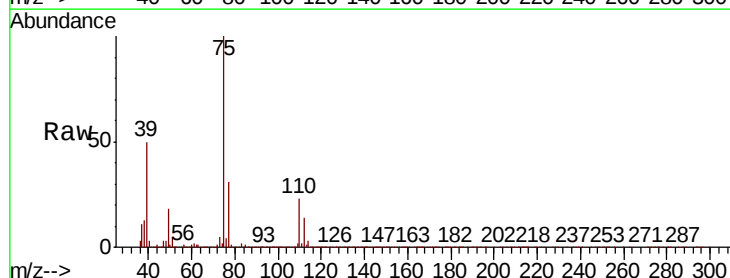
Tgt Ion: 75 Resp: 148046

Ion Ratio Lower Upper

75 100

77 30.5 23.9 35.9

39 50.1 40.9 61.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

120000

100000

80000

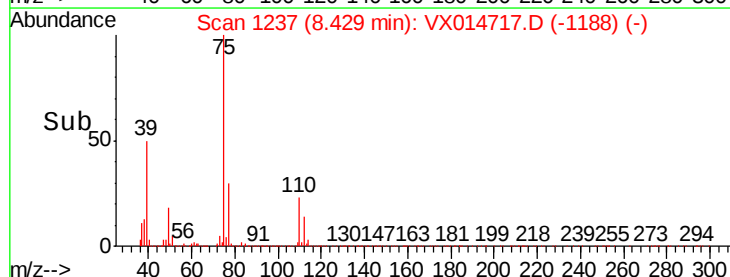
60000

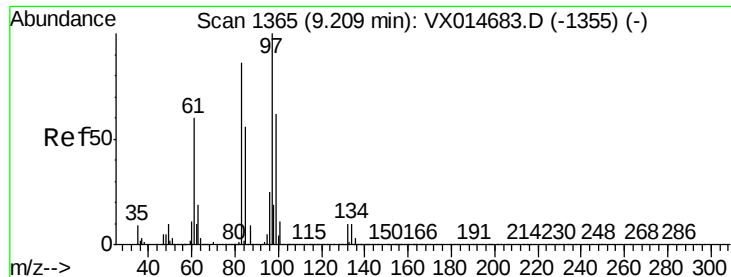
40000

20000

0

Time--> 8.30 8.40 8.50





#55

1,1,2-Trichloroethane

Concen: 20.264 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 93791

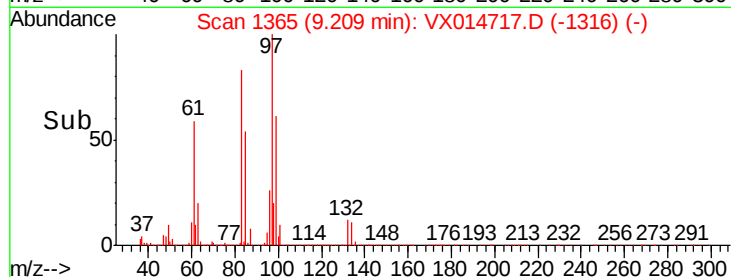
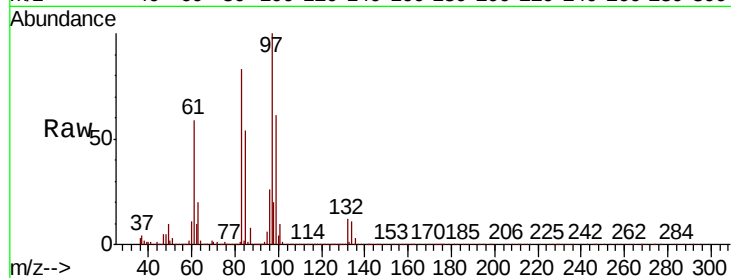
Ion Ratio Lower Upper

97 100

83 82.8 69.2 103.8

85 53.6 44.6 67.0

99 60.8 50.1 75.1

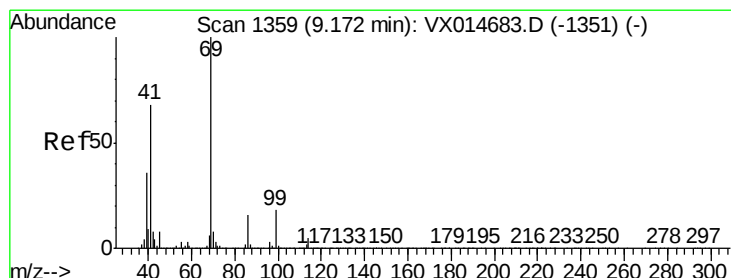
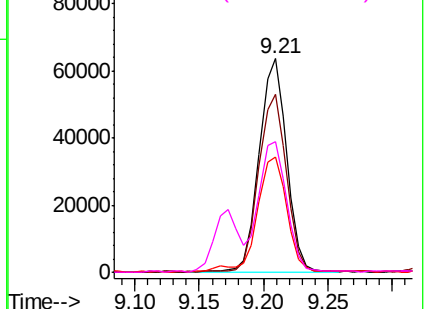


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.127 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

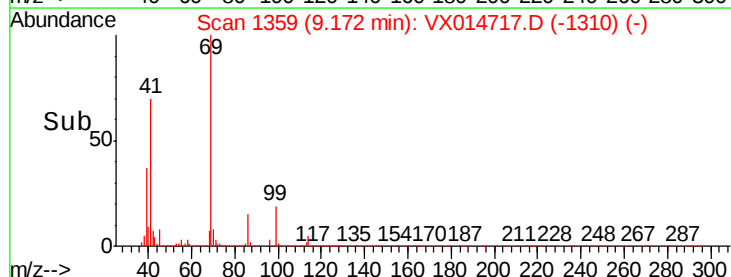
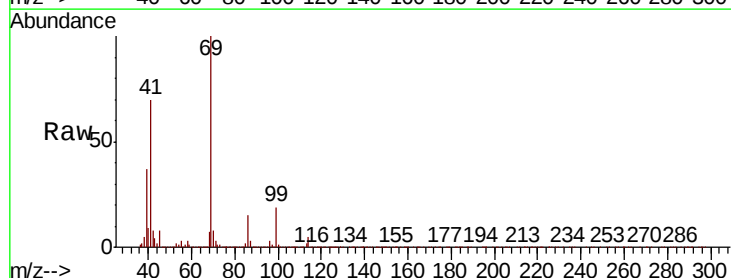
Tgt Ion: 69 Resp: 141112

Ion Ratio Lower Upper

69 100

41 68.9 54.9 82.3

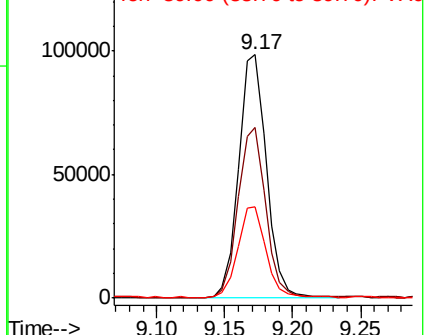
39 37.2 29.3 43.9

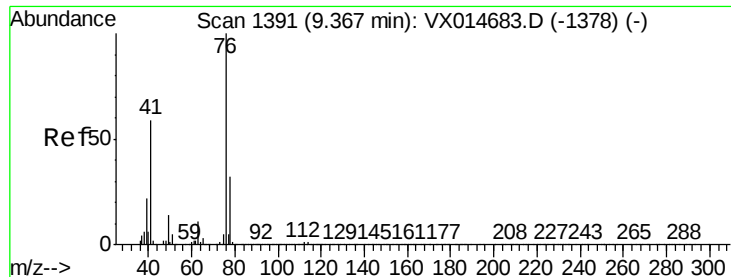


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.960 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_X

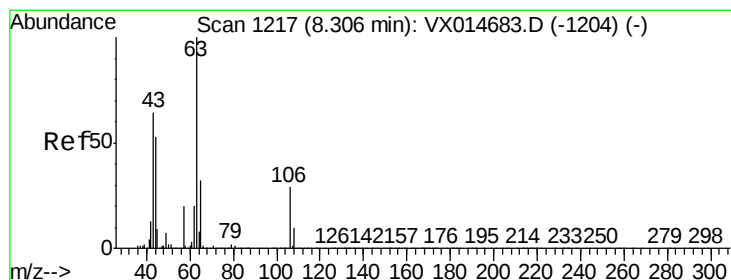
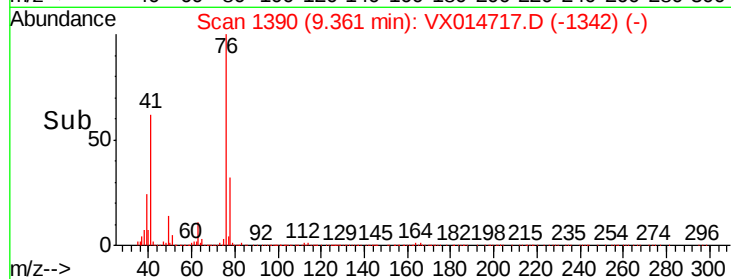
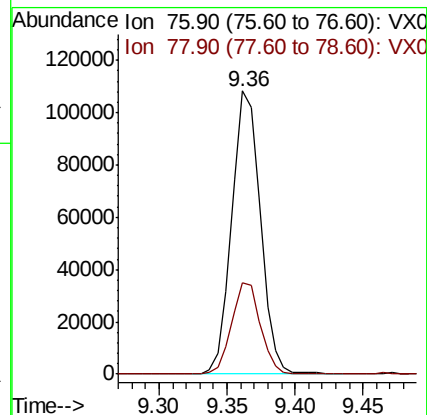
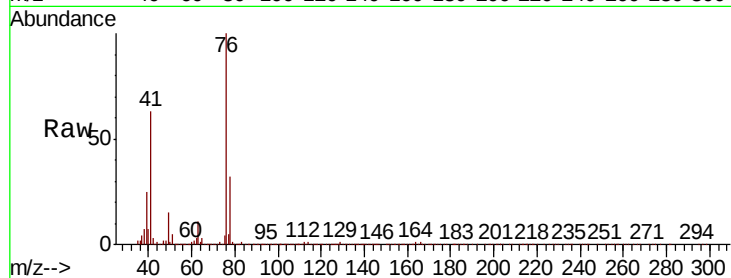
ClientSampleId :

Tot Ion: 76 Resp: 157927

Ion Ratio Lower Upper

76 100

78 32.4 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 96.527 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014717.D

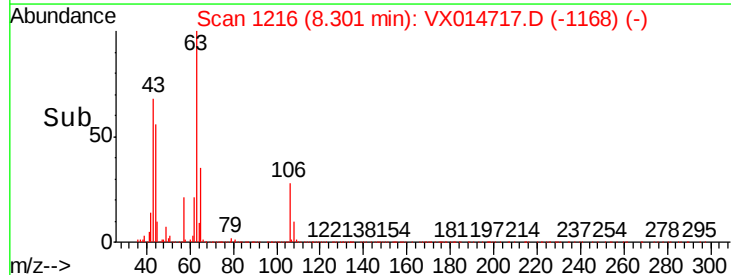
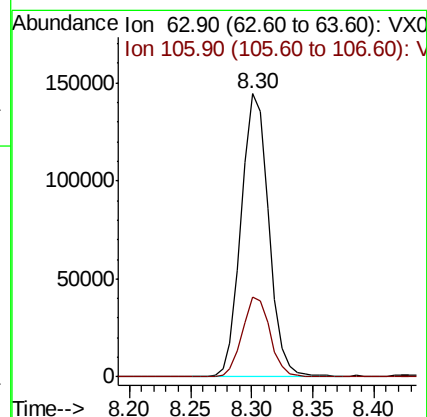
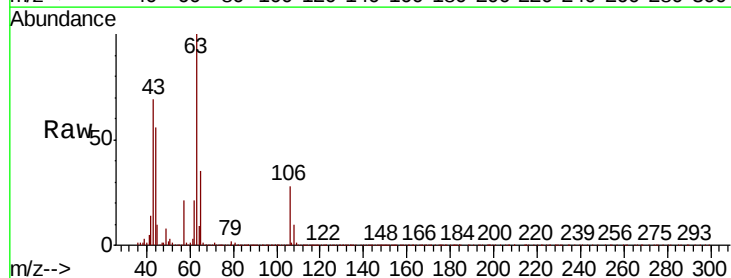
Acq: 27 Jan 2020 11:38

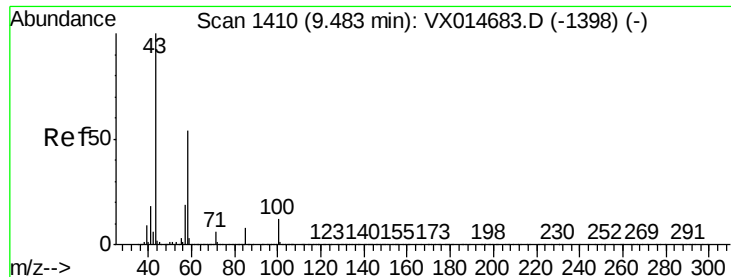
Tgt Ion: 63 Resp: 224680

Ion Ratio Lower Upper

63 100

106 28.4 22.7 34.1

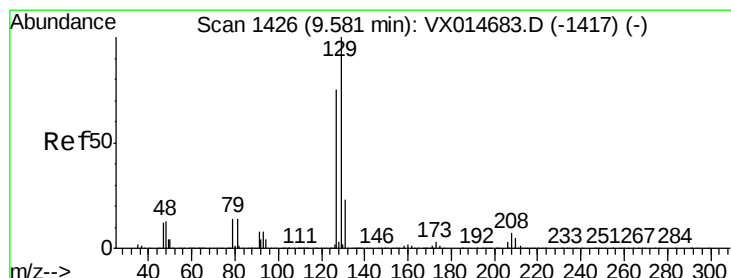
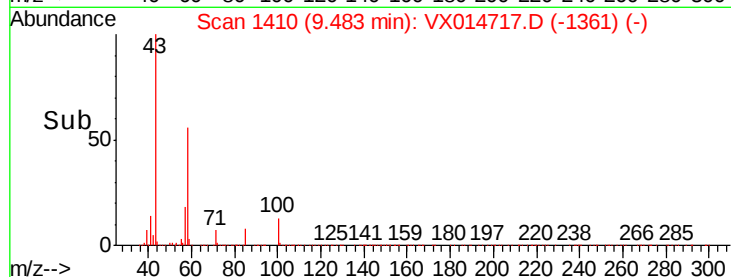
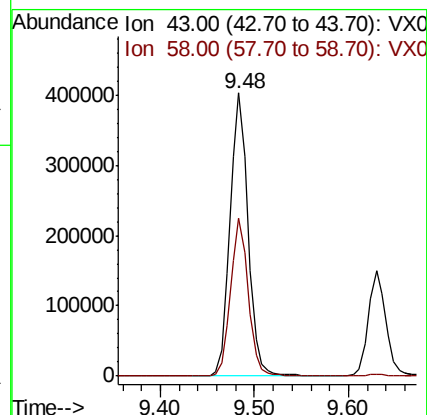
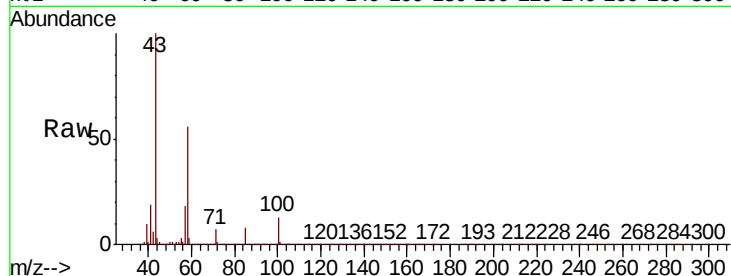




#59
2-Hexanone
Concen: 97.618 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

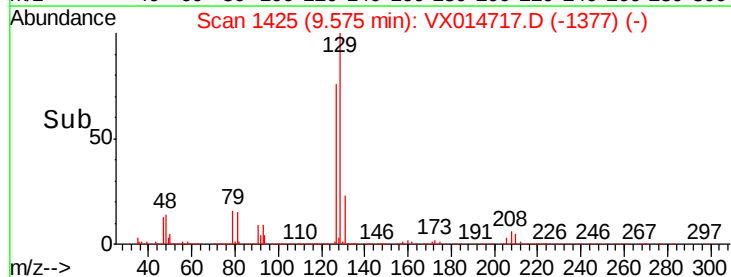
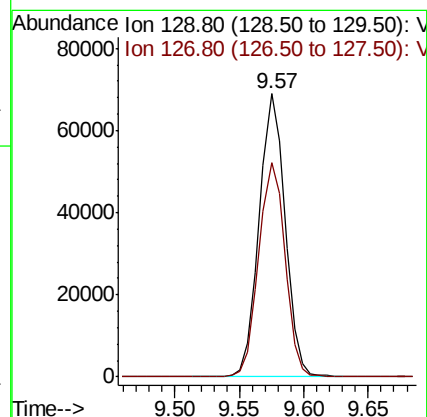
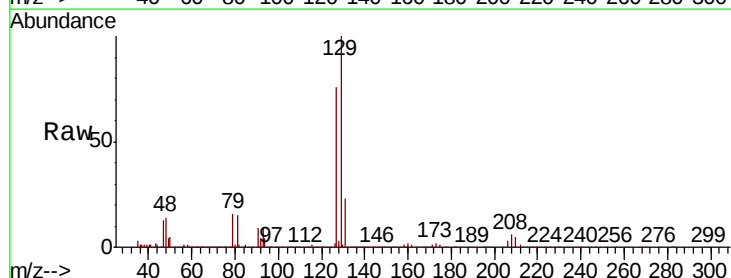
Instrument :
MSVOA_X
ClientSampleId :

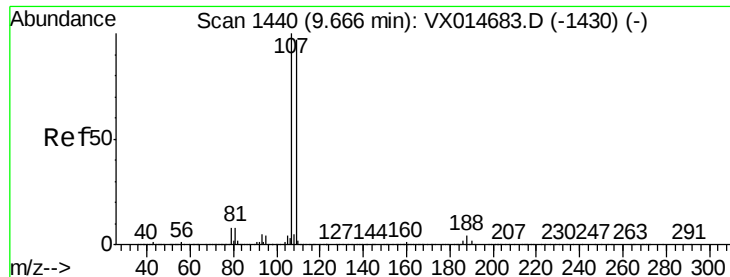
Tot Ion: 43 Resp: 533703
Ion Ratio Lower Upper
43 100
58 54.7 27.2 81.5



#60
Dibromochloromethane
Concen: 19.853 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Tgt Ion: 129 Resp: 95911
Ion Ratio Lower Upper
129 100
127 76.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.939 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_X

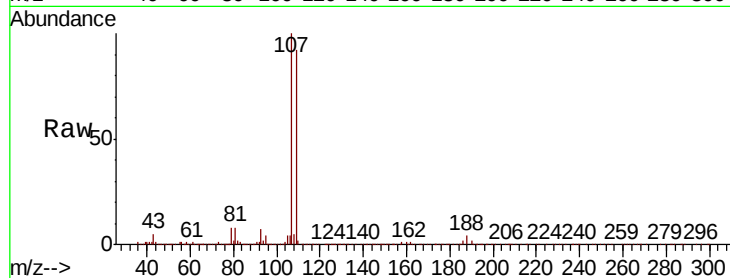
ClientSampleId :

Tot Ion:107 Resp: 97571

Ion Ratio Lower Upper

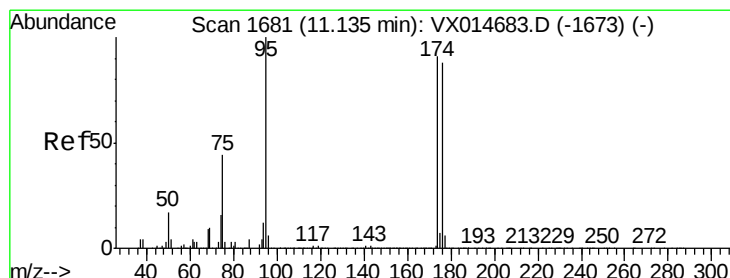
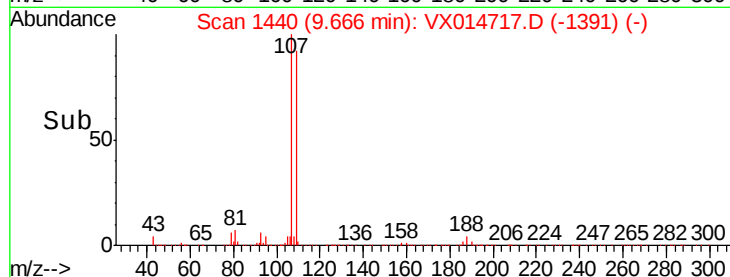
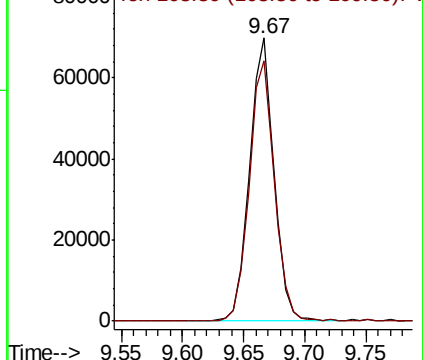
107 100

109 95.2 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.792 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

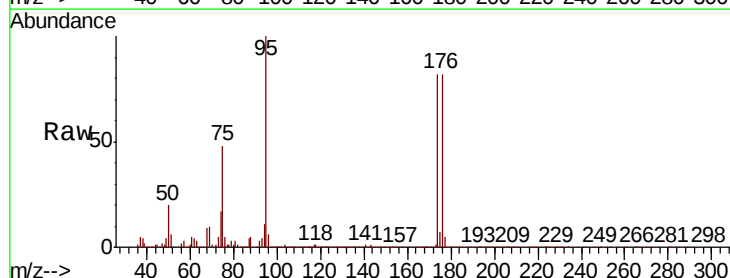
Tgt Ion: 95 Resp: 264534

Ion Ratio Lower Upper

95 100

174 86.9 0.0 176.0

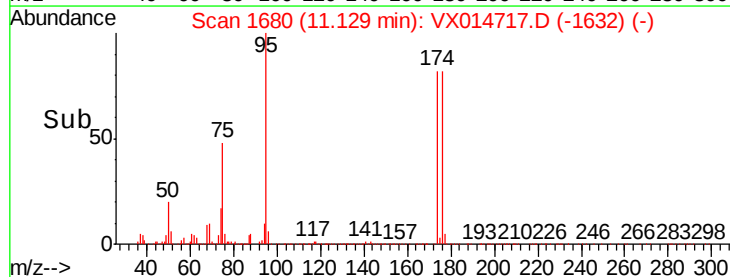
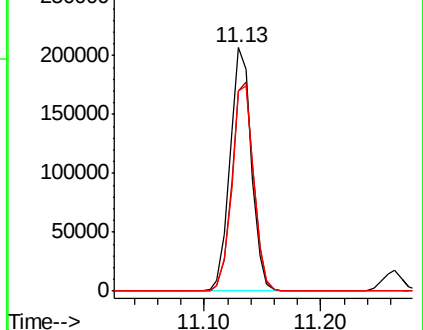
176 86.2 0.0 172.2

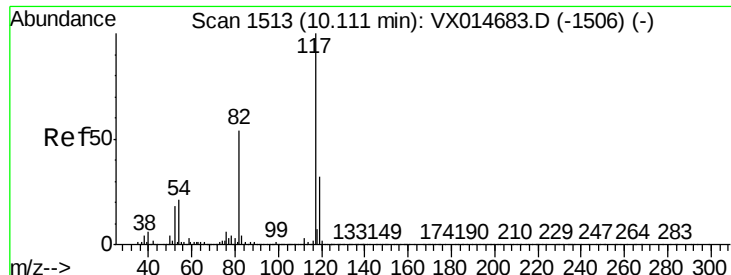


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

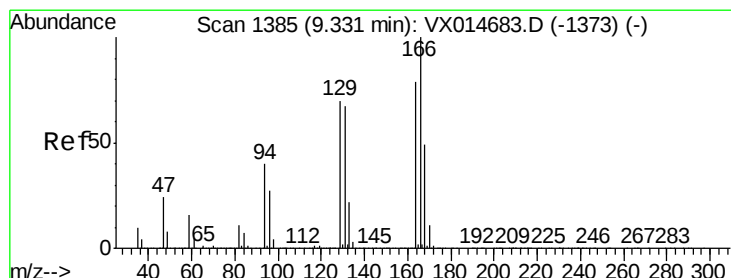
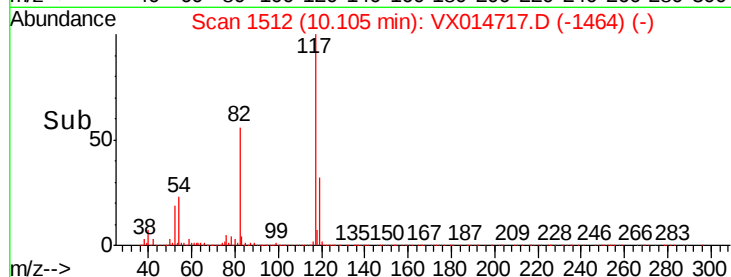
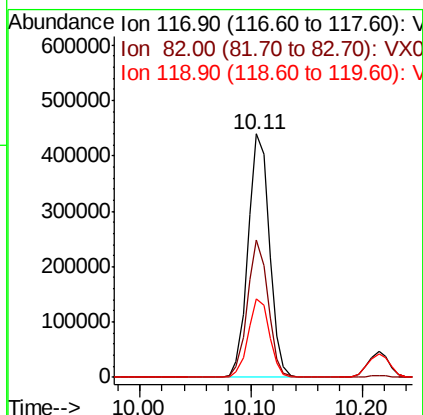
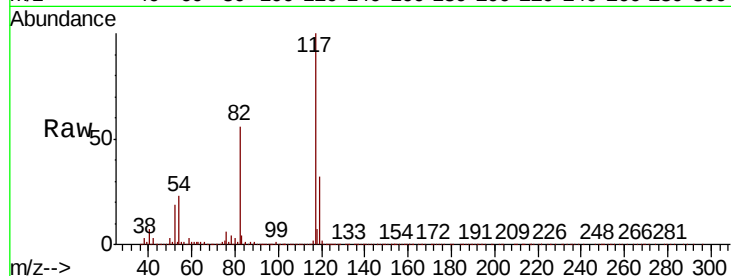




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

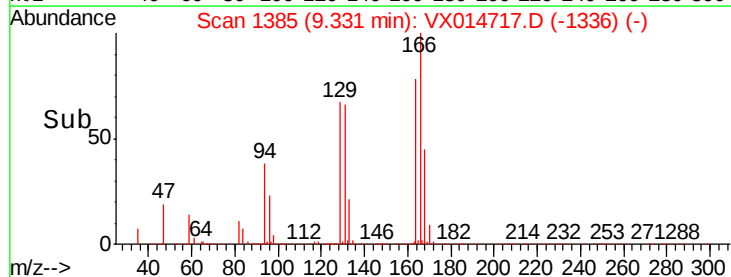
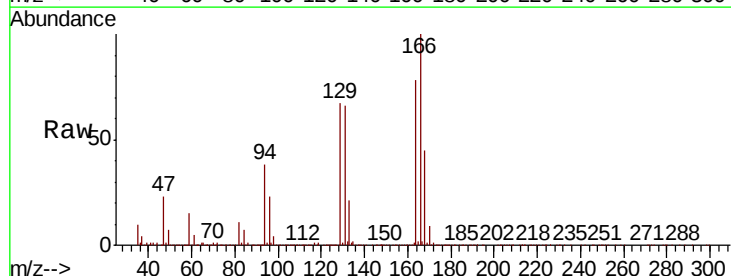
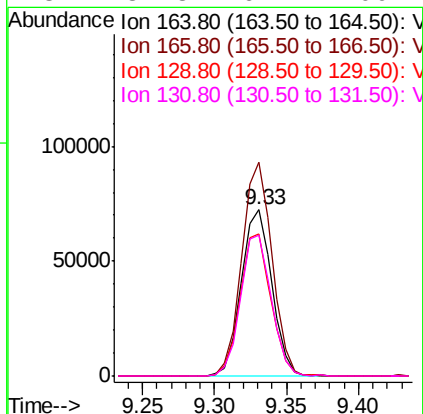
Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	43.2	64.8
119	32.1	25.8	38.6



#64
Tetrachloroethene
Concen: 18.258 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.7	100.9	151.3
129	85.6	71.0	106.6
131	84.8	67.1	100.7





#65

Chlorobenzene

Concen: 19.208 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_X

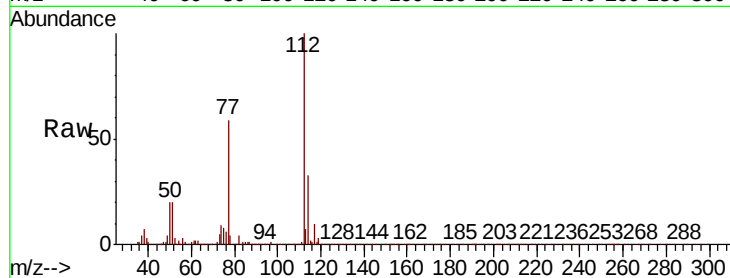
ClientSampleId :

Tot Ion:112 Resp: 240721

Ion Ratio Lower Upper

112 100

114 32.9 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

200000

150000

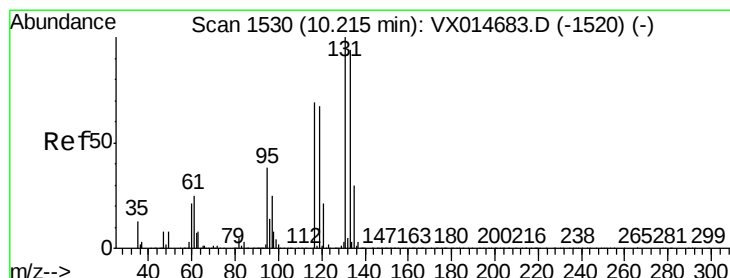
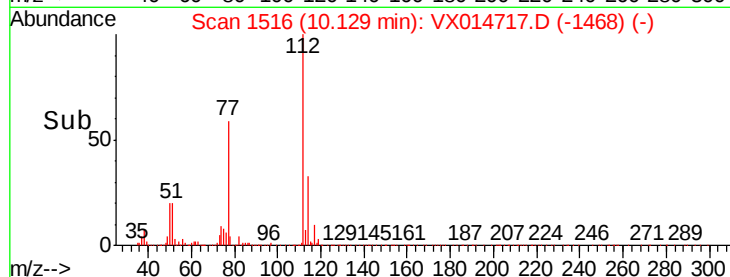
100000

50000

0

10.10 10.13 10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.241 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

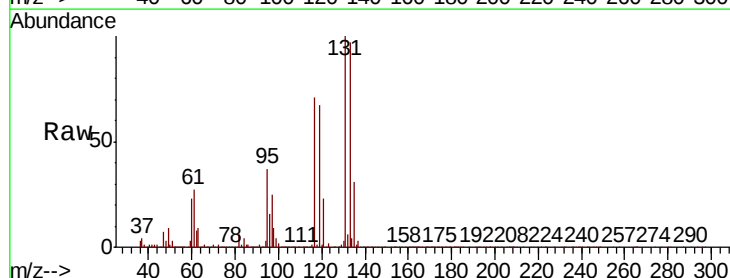
Tgt Ion:131 Resp: 88910

Ion Ratio Lower Upper

131 100

133 98.0 47.4 142.3

119 66.3 33.3 99.8



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

80000

60000

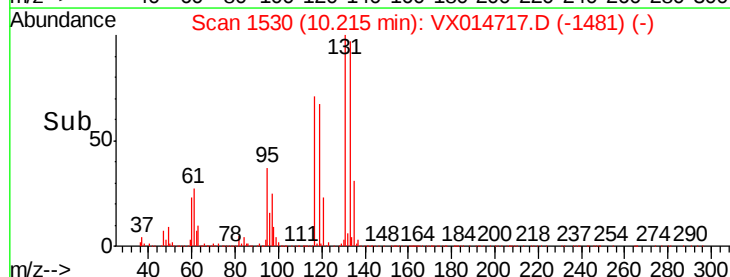
40000

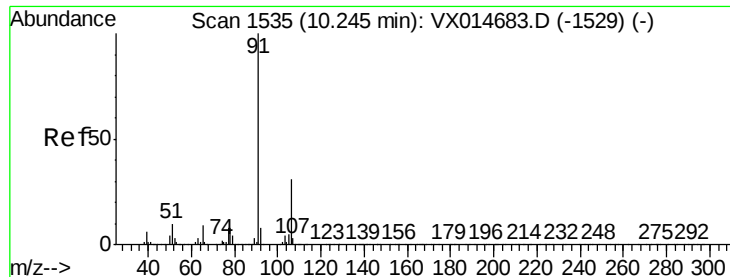
20000

0

10.15 10.21 10.25

Time-->

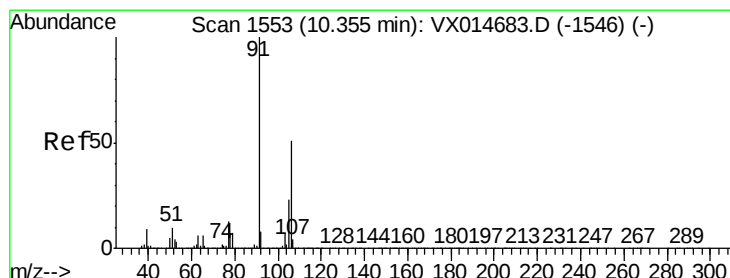
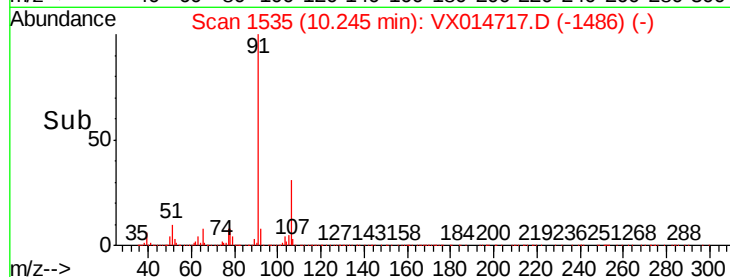
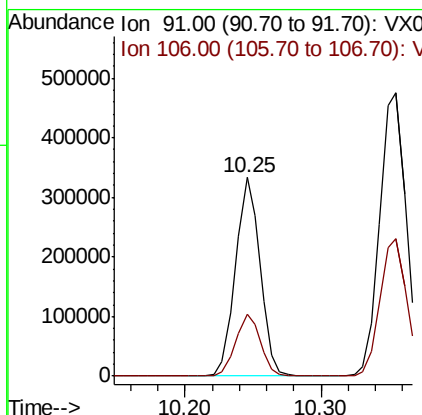
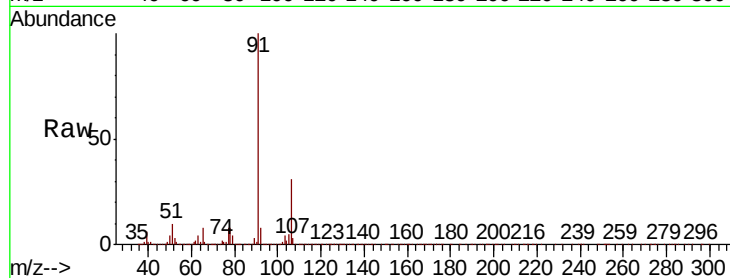




#67
Ethyl Benzene
Concen: 19.567 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

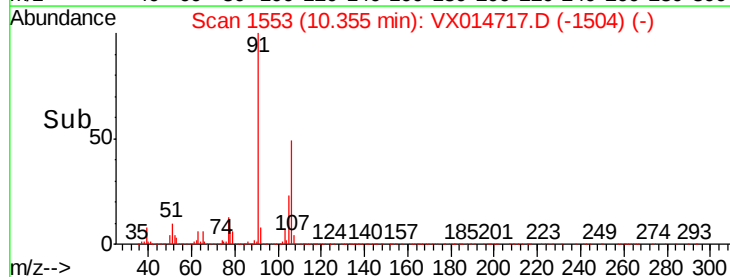
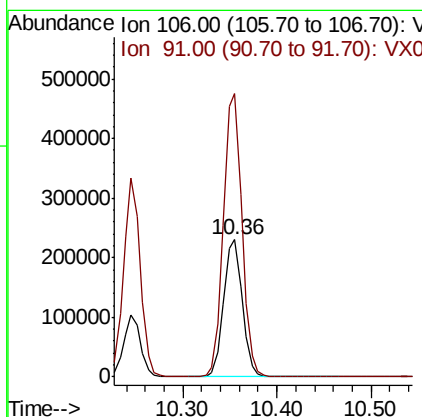
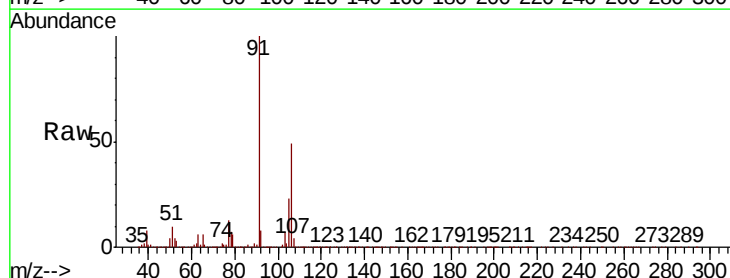
Instrument :
MSVOA_X
ClientSampleId :

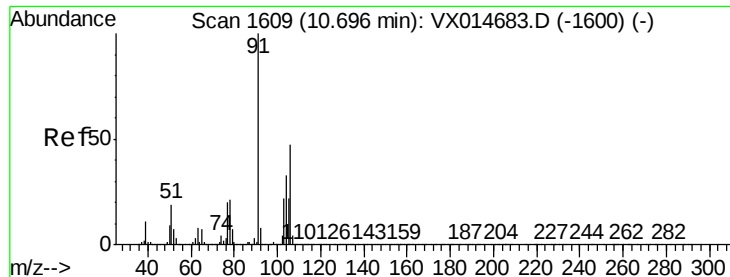
Tot Ion: 91 Resp: 418706
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3



#68
m/p-Xylenes
Concen: 39.012 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Tgt Ion: 106 Resp: 316263
Ion Ratio Lower Upper
106 100
91 204.9 159.4 239.2

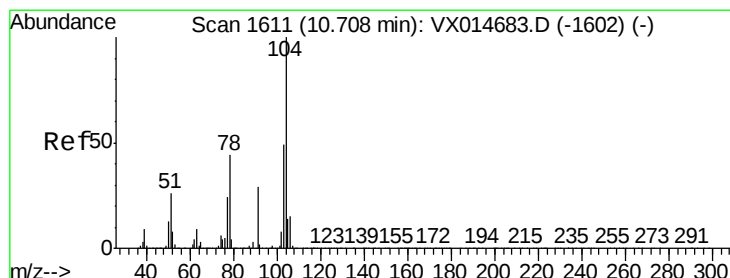
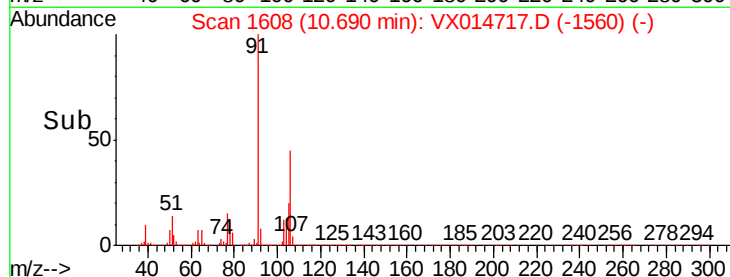
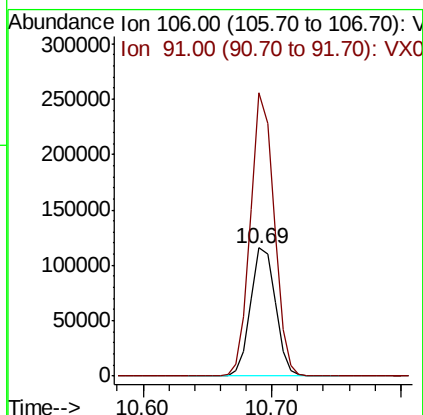
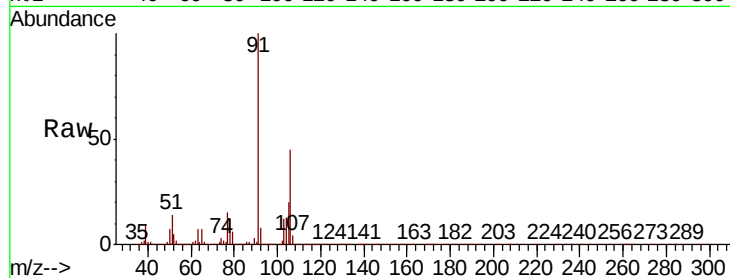




#69
o-Xylene
Concen: 19.724 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

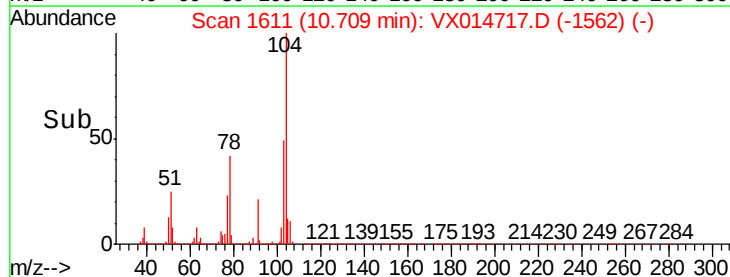
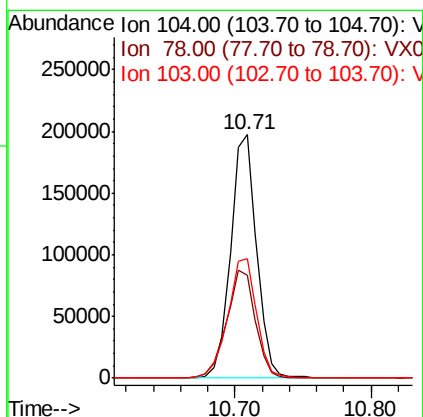
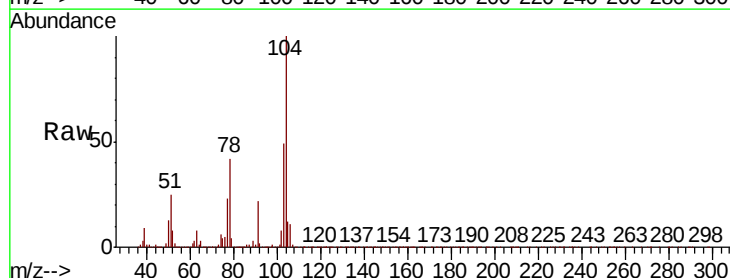
Instrument :
MSVOA_X
ClientSampled :

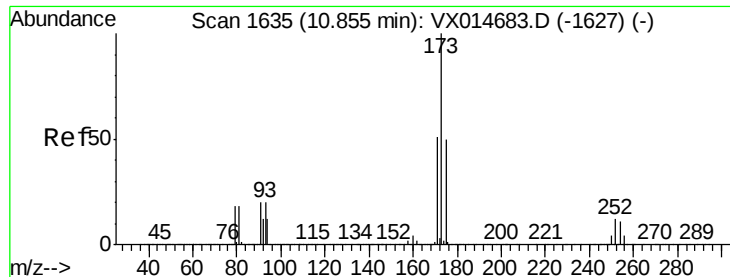
Tot Ion:106 Resp: 154367
Ion Ratio Lower Upper
106 100
91 209.2 106.2 318.6



#70
Styrene
Concen: 19.892 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Tgt Ion:104 Resp: 261157
Ion Ratio Lower Upper
104 100
78 49.1 39.3 58.9
103 54.8 43.5 65.3

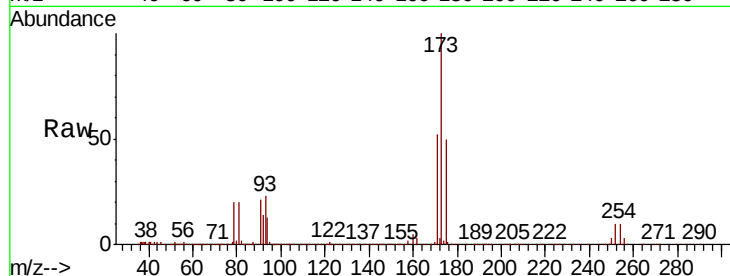




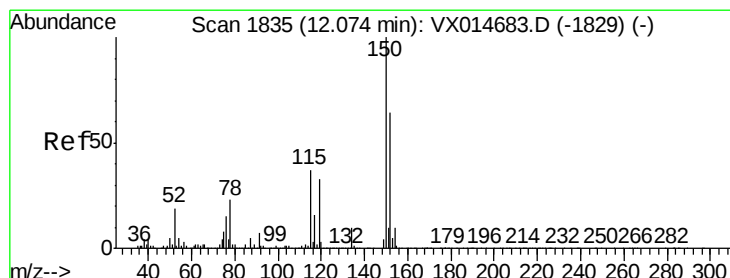
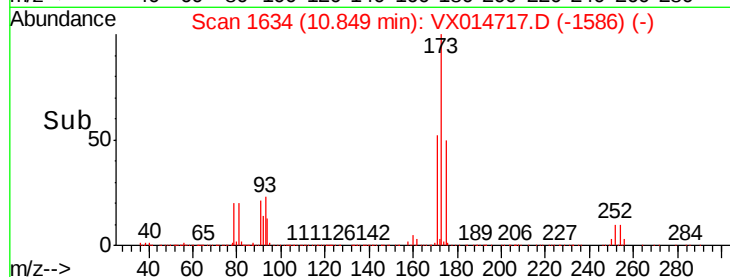
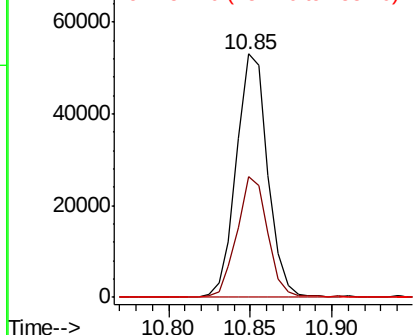
#71
Bromoform
Concen: 19.376 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 71198
Ion Ratio Lower Upper
173 100
175 48.9 24.6 73.6
254 0.2 0.1 0.1#

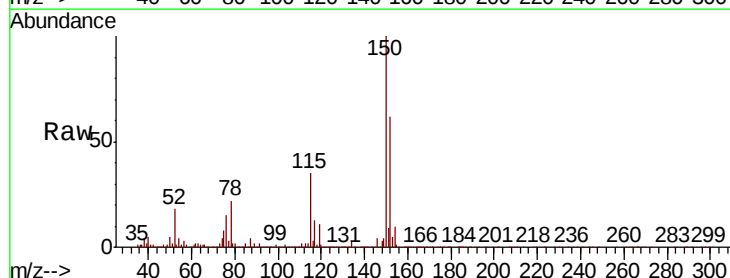


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

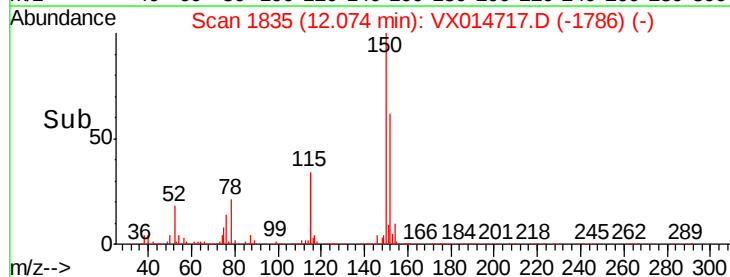
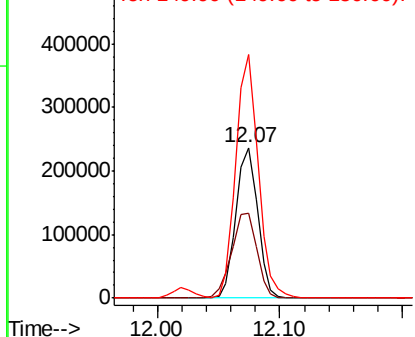


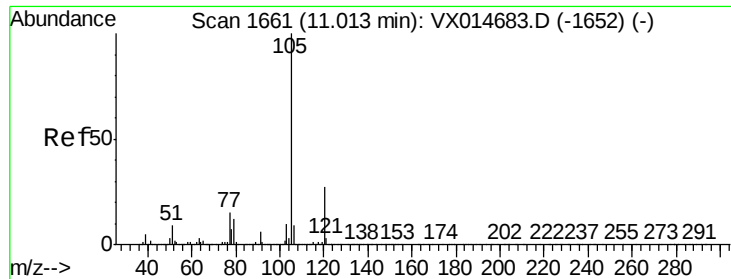
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Tgt Ion:152 Resp: 289816
Ion Ratio Lower Upper
152 100
115 65.3 39.4 118.1
150 166.5 0.0 351.2



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





#73

Isopropylbenzene

Concen: 20.087 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_X

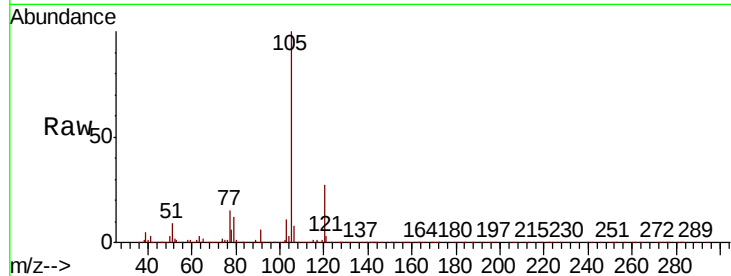
ClientSampleId :

Tot Ion:105 Resp: 409323

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

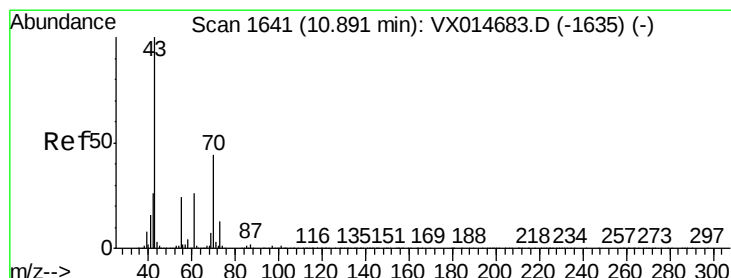
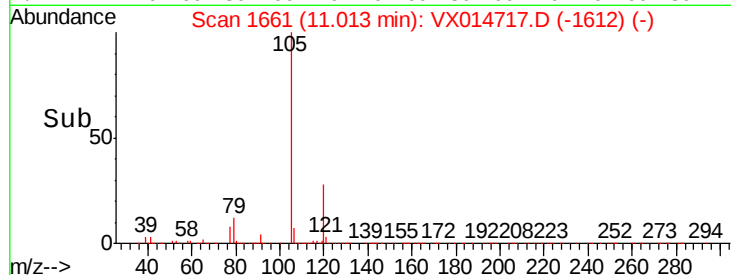
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 19.766 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Tgt Ion: 43 Resp: 176507

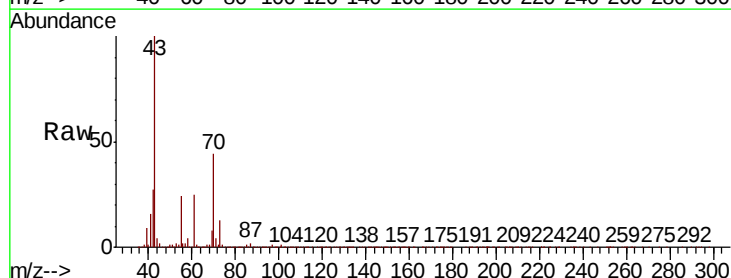
Ion Ratio Lower Upper

43 100

70 43.3 34.6 52.0

55 25.2 19.4 29.2

61 24.1 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.89

200000

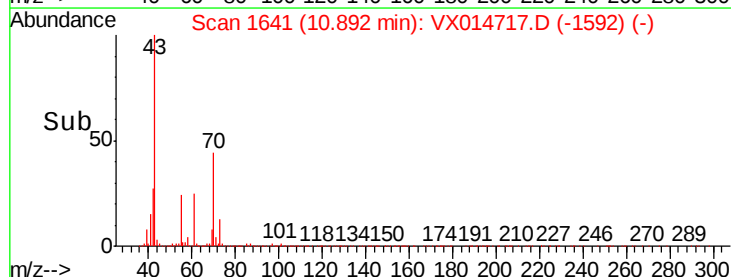
150000

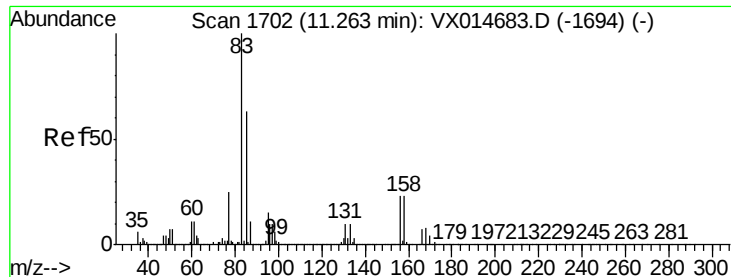
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.922 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

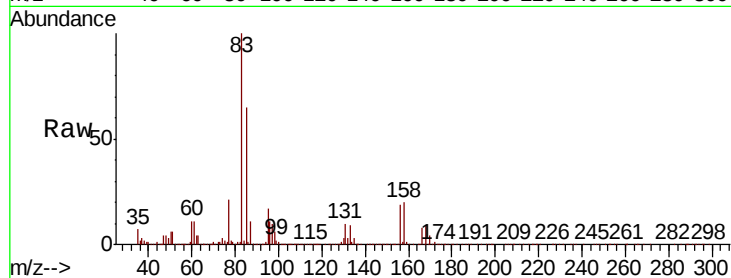
Tot Ion: 83 Resp: 137678

Ion Ratio Lower Upper

83 100

131 10.2 5.0 15.0

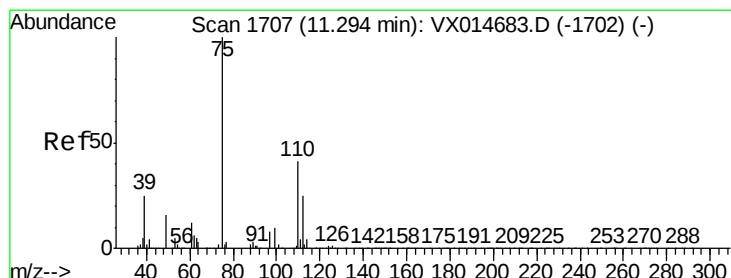
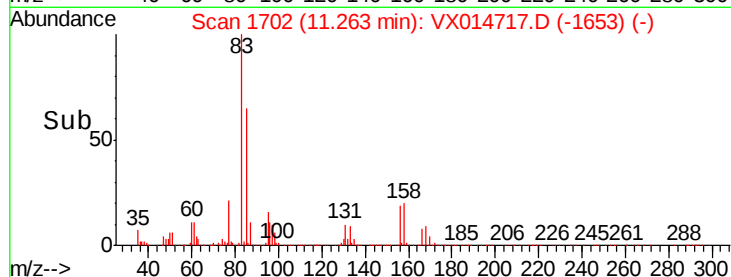
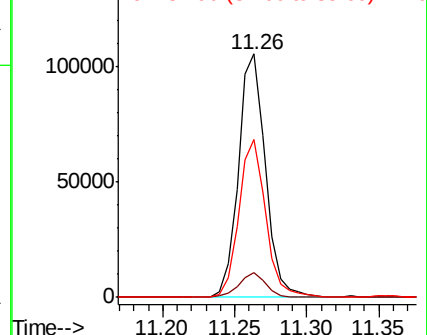
85 64.8 31.7 95.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.102 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014717.D

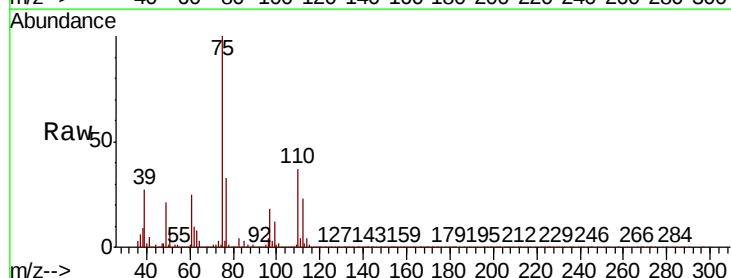
Acq: 27 Jan 2020 11:38

Tgt Ion: 75 Resp: 162516

Ion Ratio Lower Upper

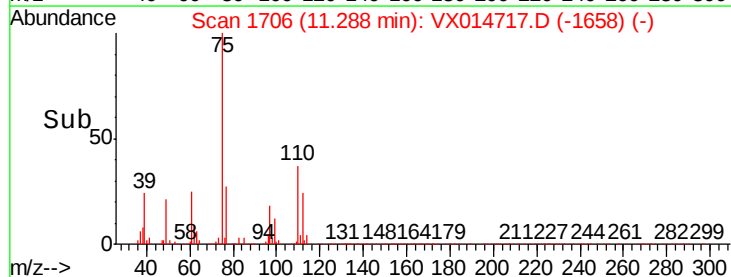
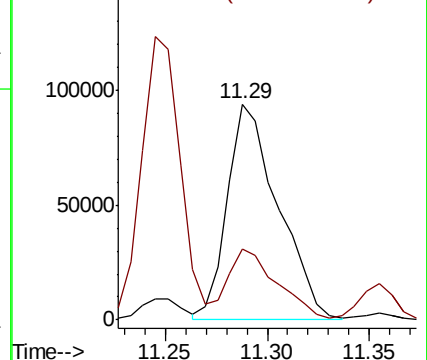
75 100

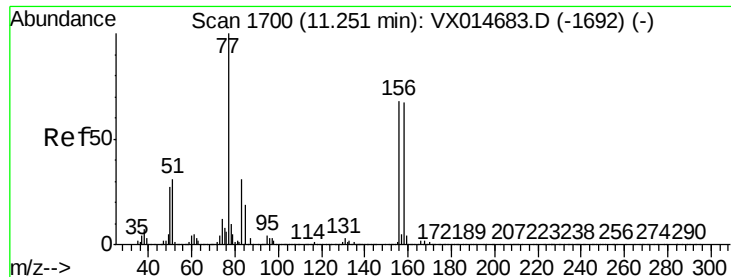
77 31.9 18.7 56.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.876 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

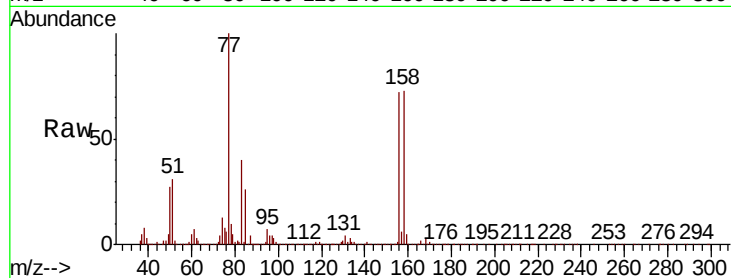
Tot Ion:156 Resp: 108809

Ion Ratio Lower Upper

156 100

77 148.5 77.5 232.5

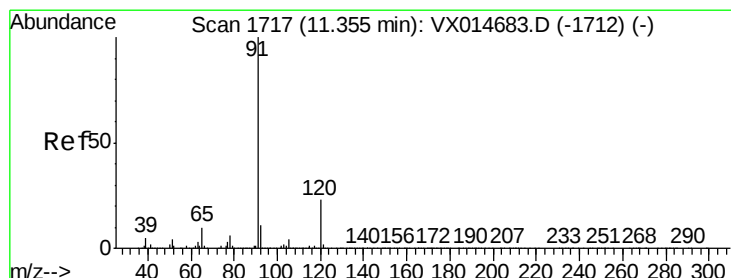
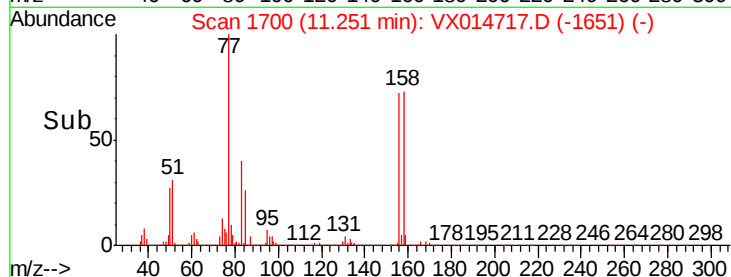
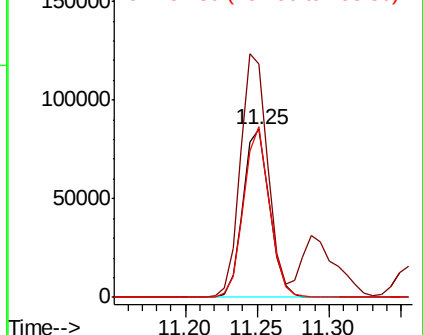
158 98.5 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.322 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014717.D

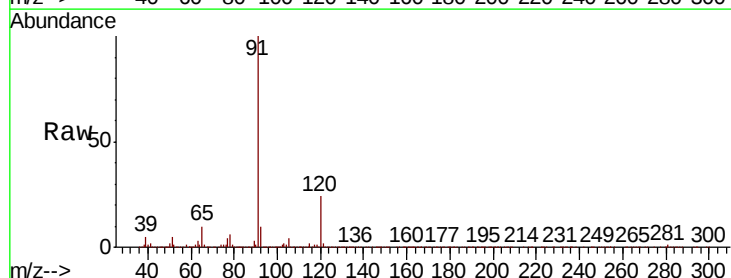
Acq: 27 Jan 2020 11:38

Tgt Ion: 91 Resp: 470077

Ion Ratio Lower Upper

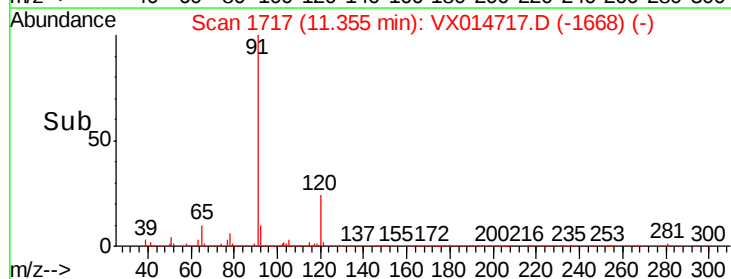
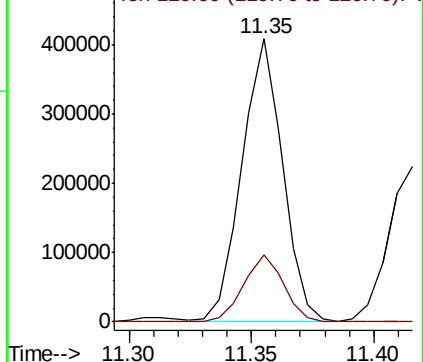
91 100

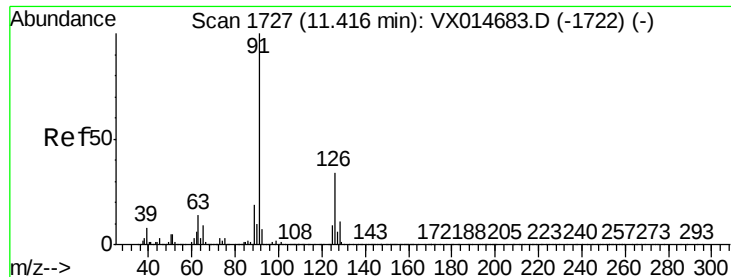
120 23.5 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

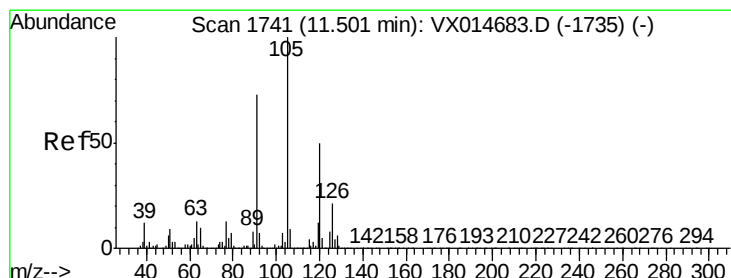
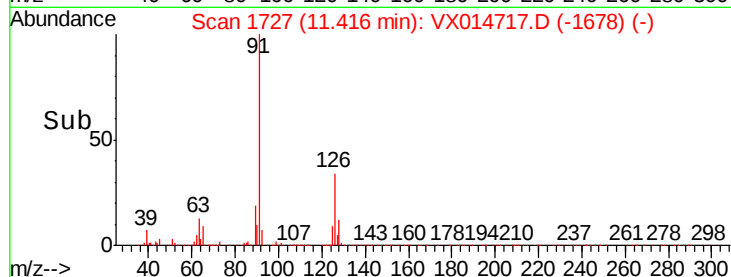
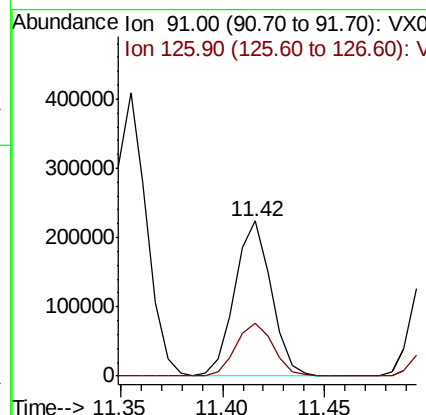
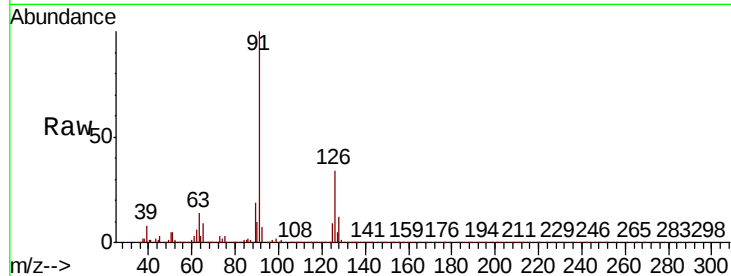




#79
 2-Chlorotoluene
 Concen: 19.548 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014717.D
 Acq: 27 Jan 2020 11:38

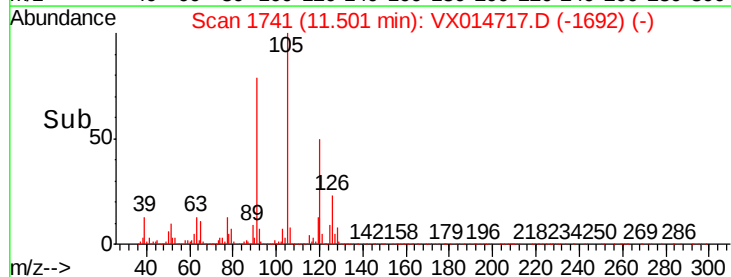
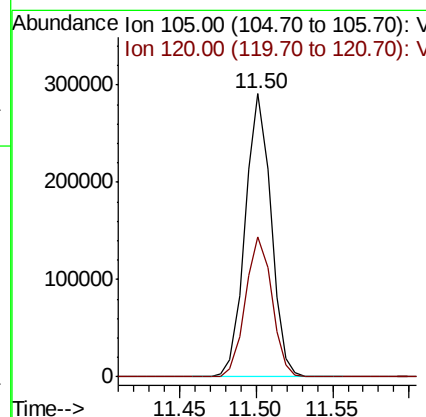
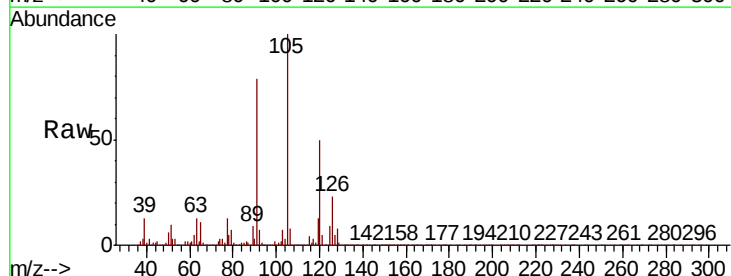
Instrument :
 MSVOA_X
 ClientSampleId :

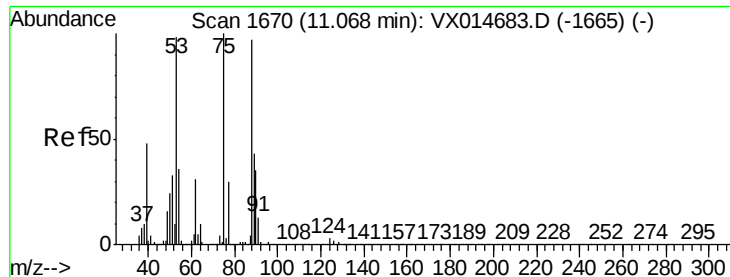
Tot Ion: 91 Resp: 273581
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.3 51.9



#80
 1,3,5-Trimethylbenzene
 Concen: 20.151 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014717.D
 Acq: 27 Jan 2020 11:38

Tgt Ion: 105 Resp: 340812
 Ion Ratio Lower Upper
 105 100
 120 51.0 24.9 74.6

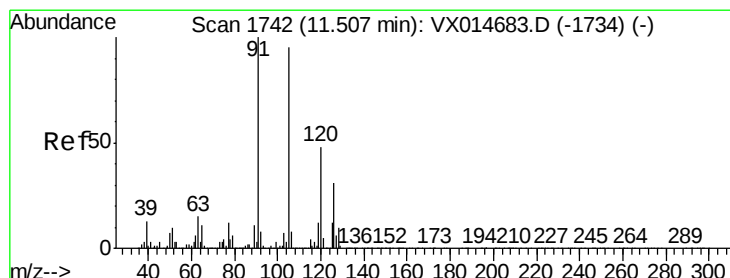
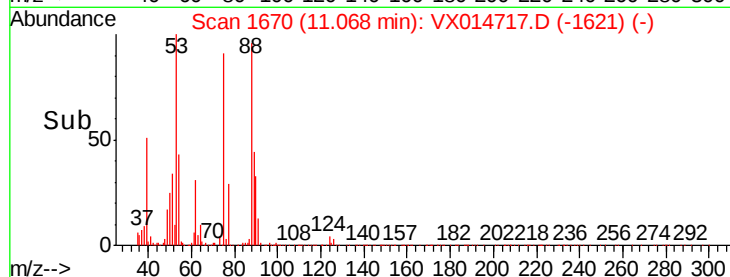
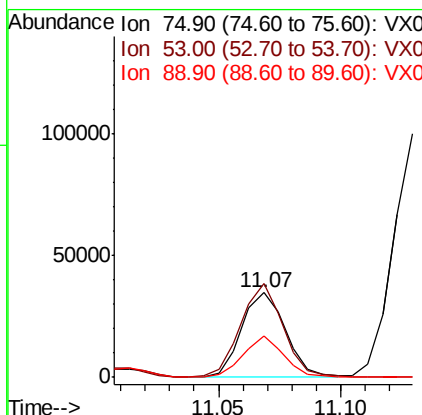
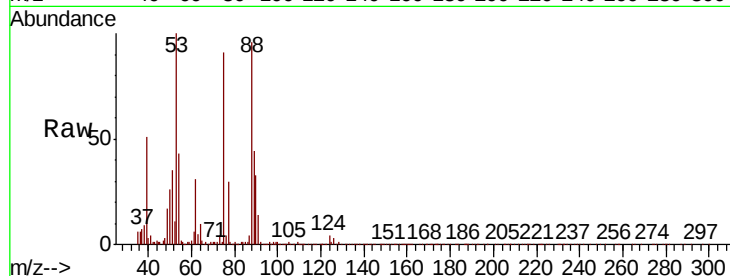




#81
trans-1,4-Dichloro-2-butene
Concen: 18.362 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

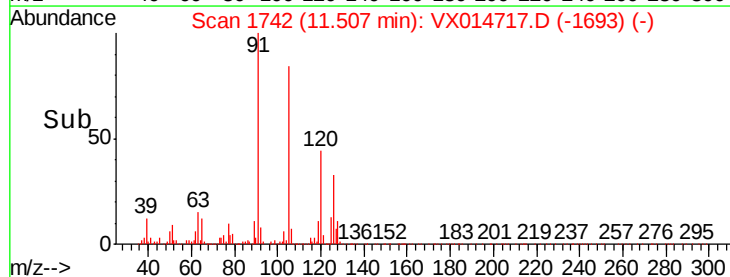
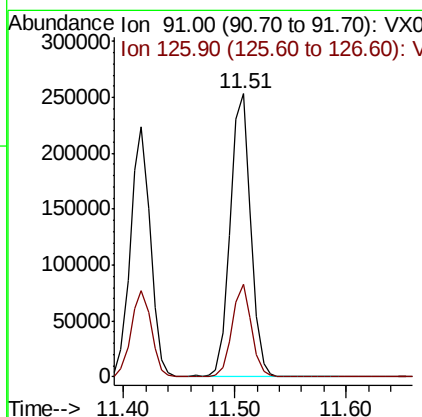
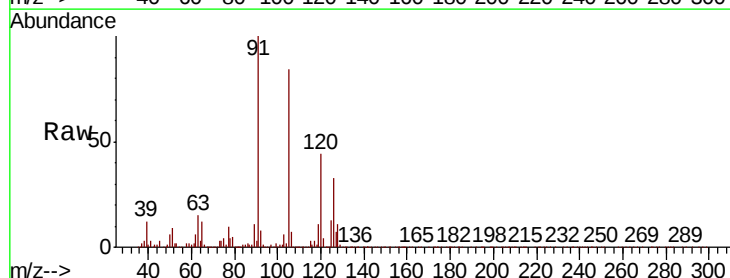
Instrument :
MSVOA_X
ClientSampled :

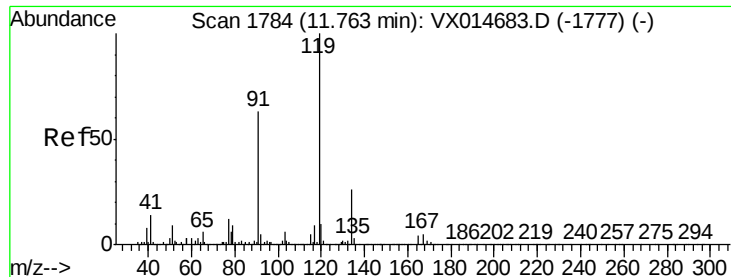
Tot Ion: 75 Resp: 43507
Ion Ratio Lower Upper
75 100
53 106.0 78.8 118.2
89 44.4 35.4 53.0



#82
4-Chlorotoluene
Concen: 20.105 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Tgt Ion: 91 Resp: 320335
Ion Ratio Lower Upper
91 100
126 30.6 15.4 46.4

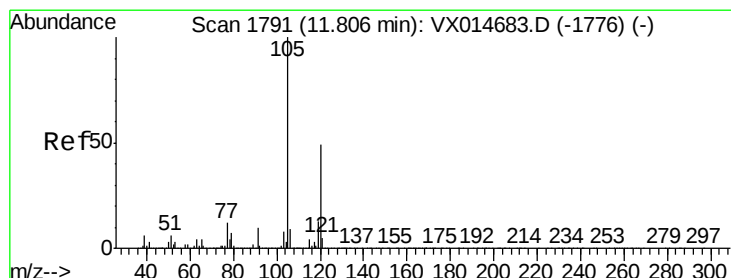
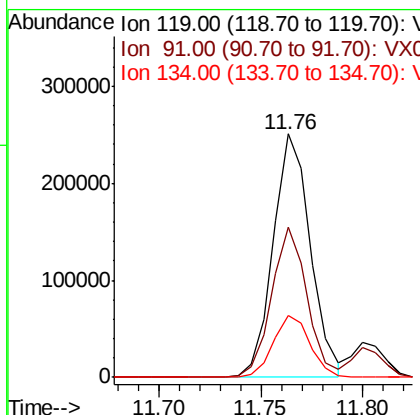
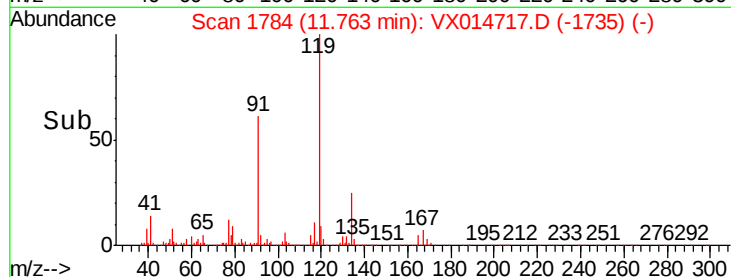
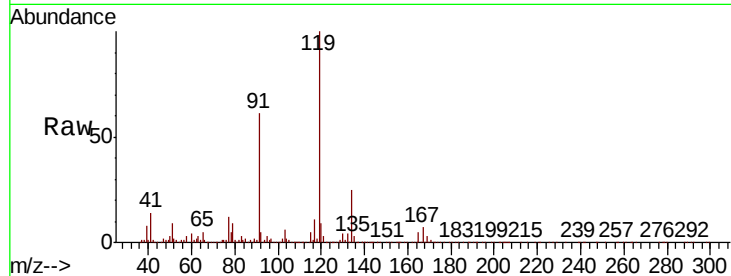




#83
tert-Butylbenzene
Concen: 20.129 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

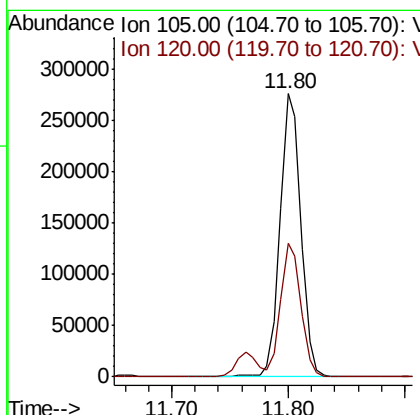
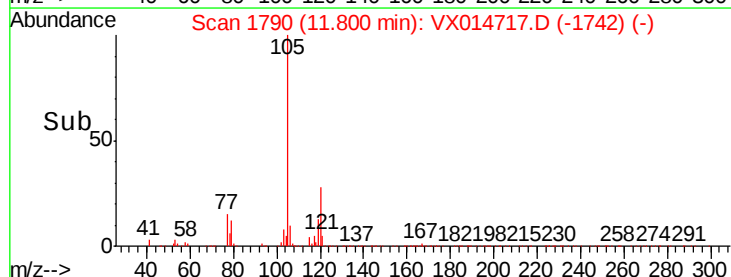
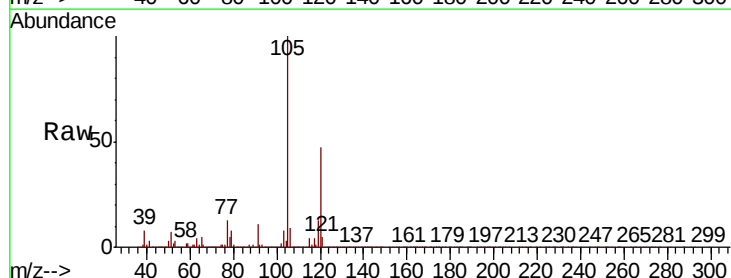
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:119 Resp: 319911
Ion Ratio Lower Upper
119 100
91 58.4 30.0 90.0
134 24.9 12.7 38.0



#84
1,2,4-Trimethylbenzene
Concen: 20.116 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Tgt Ion:105 Resp: 341252
Ion Ratio Lower Upper
105 100
120 45.8 23.4 70.0

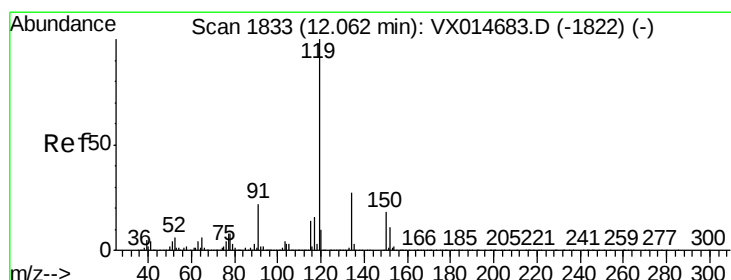
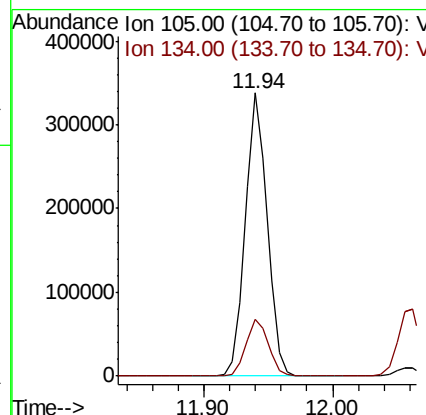
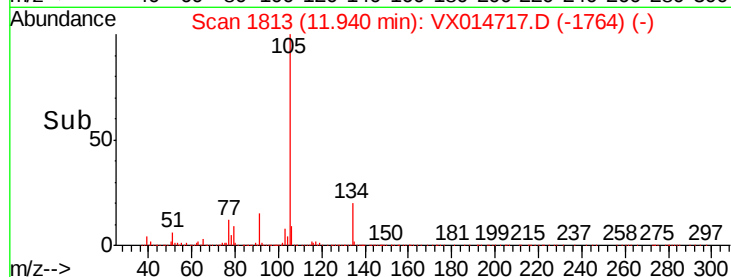
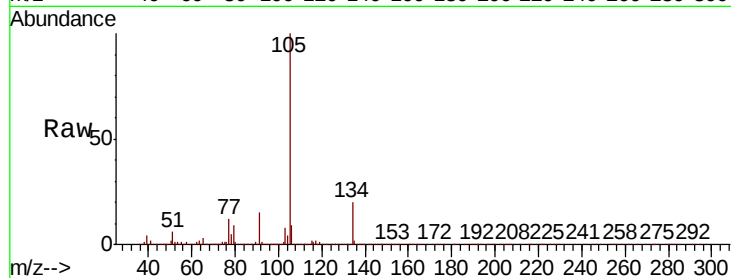




#85
 sec-Butylbenzene
 Concen: 20.272 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014717.D
 Acq: 27 Jan 2020 11:38

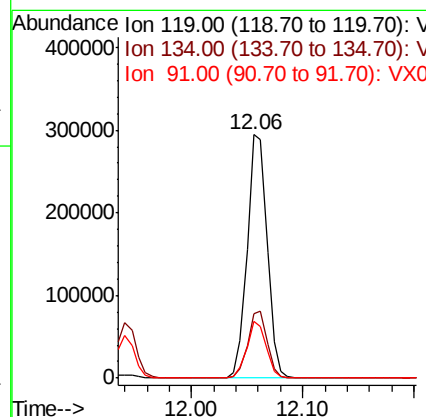
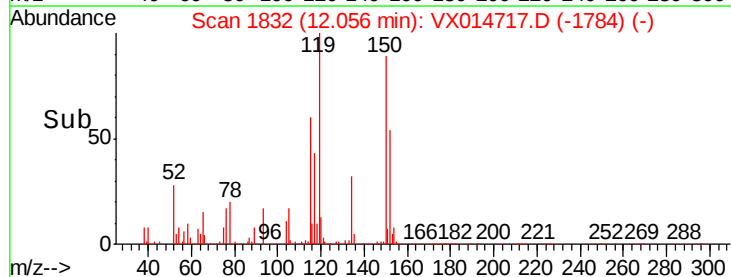
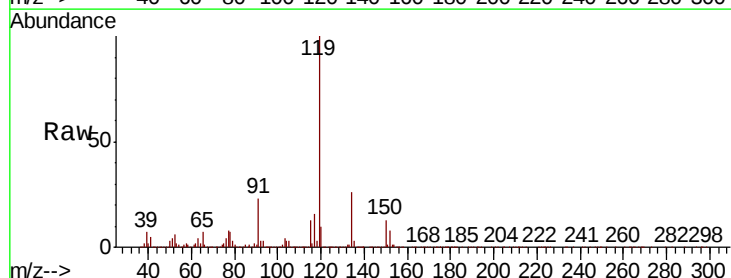
Instrument :
 MSVOA_X
 ClientSampleId :

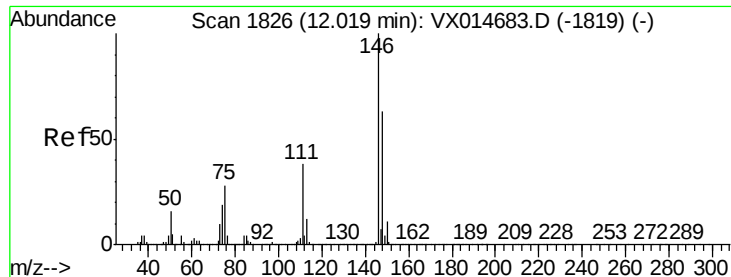
Tot Ion:105 Resp: 394684
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 20.383 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014717.D
 Acq: 27 Jan 2020 11:38

Tgt Ion:119 Resp: 366751
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.5 40.4
 91 22.6 11.3 33.8

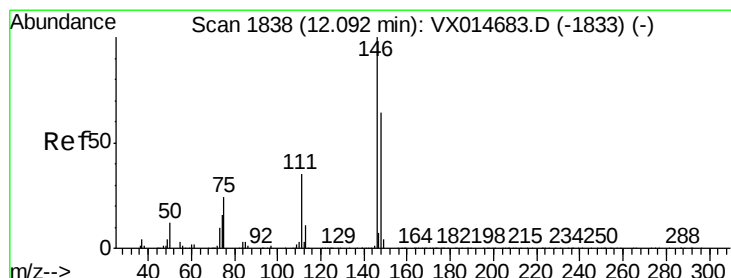
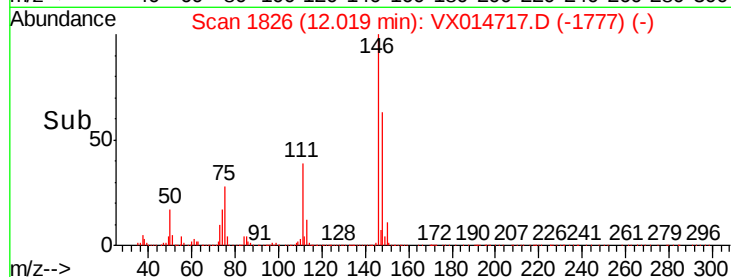
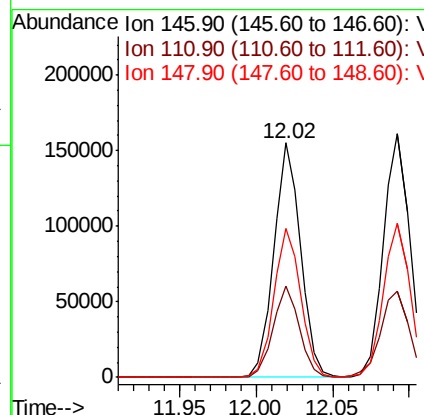
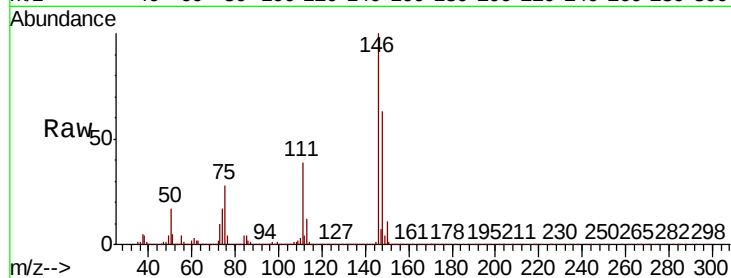




#87
 1,3-Dichlorobenzene
 Concen: 19.245 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014717.D
 Acq: 27 Jan 2020 11:38

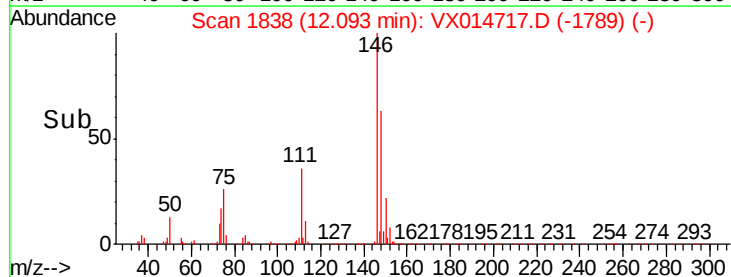
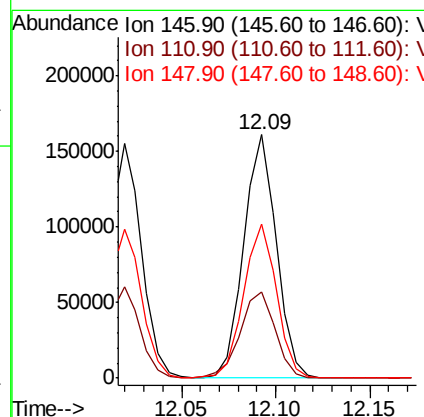
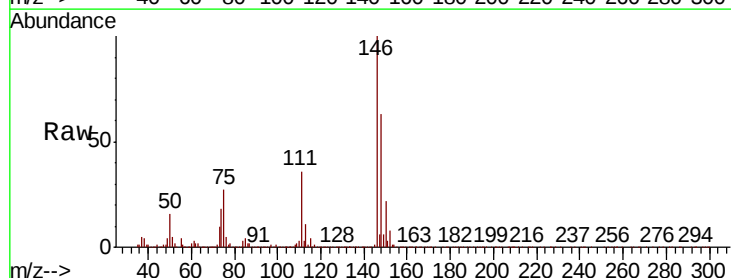
Instrument :
 MSVOA_X
 ClientSampleId :

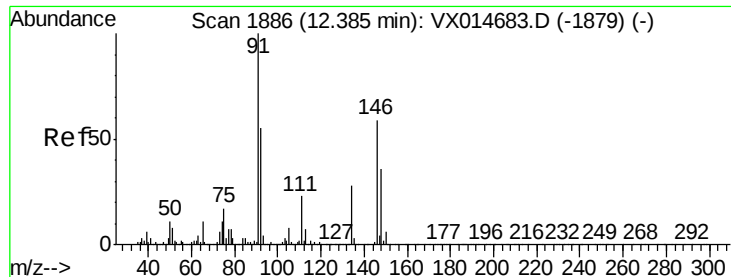
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.0	57.0
148	63.8	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 19.510 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014717.D
 Acq: 27 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.6	55.8
148	64.0	32.0	96.2





#89

n-Butylbenzene

Concen: 19.641 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

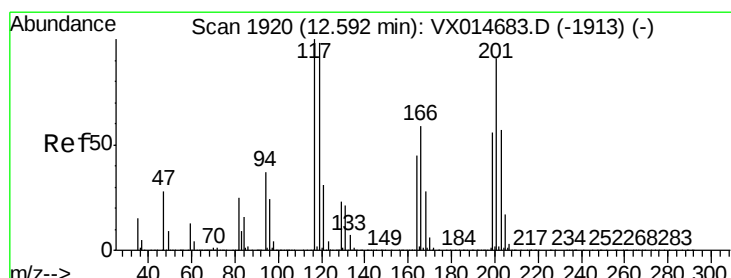
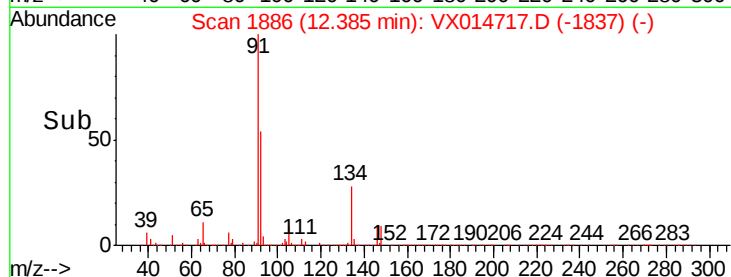
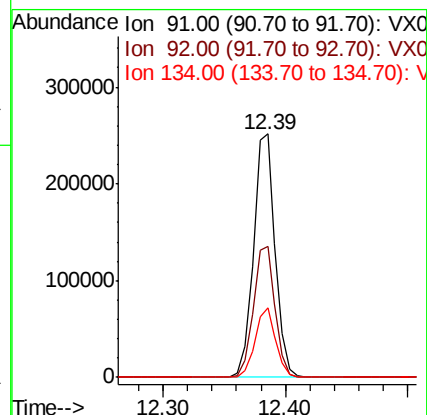
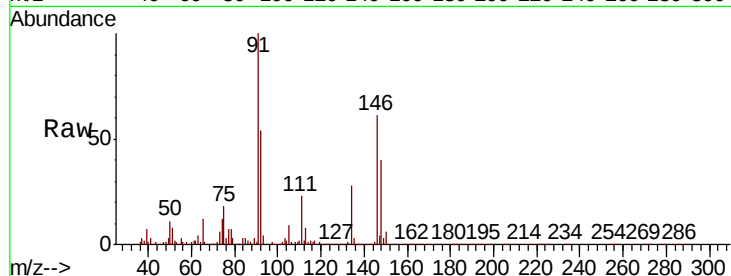
Tot Ion: 91 Resp: 307788

Ion Ratio Lower Upper

91 100

92 54.1 27.6 82.7

134 27.2 13.3 39.8



#90

Hexachloroethane

Concen: 18.994 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014717.D

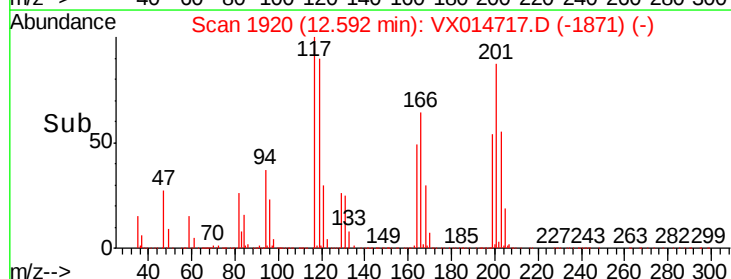
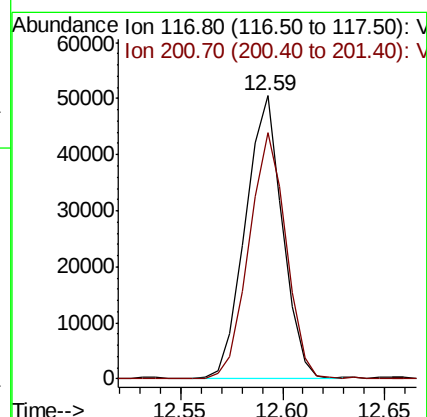
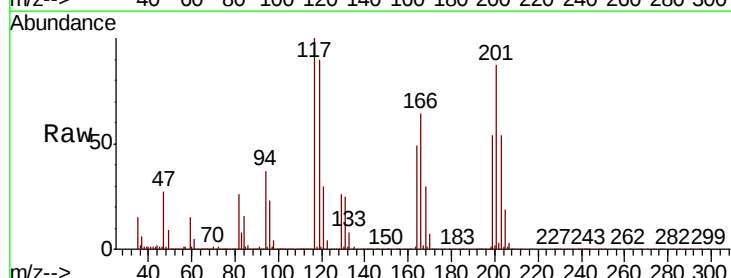
Acq: 27 Jan 2020 11:38

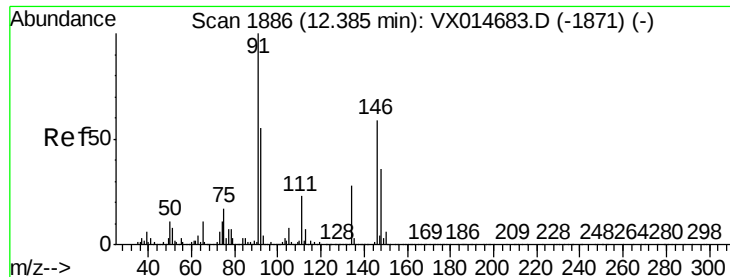
Tgt Ion: 117 Resp: 63479

Ion Ratio Lower Upper

117 100

201 87.8 44.4 133.1





#91

1,2-Dichlorobenzene

Concen: 19.659 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

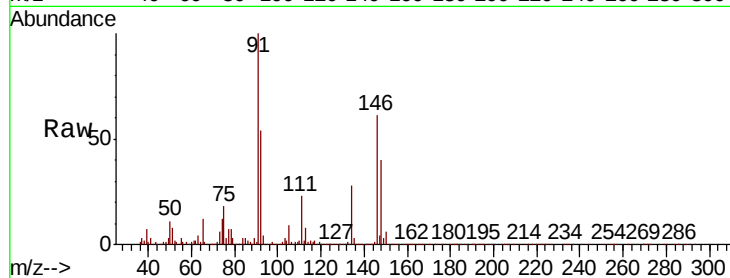
Tot Ion:146 Resp: 192102

Ion Ratio Lower Upper

146 100

111 38.8 19.6 58.8

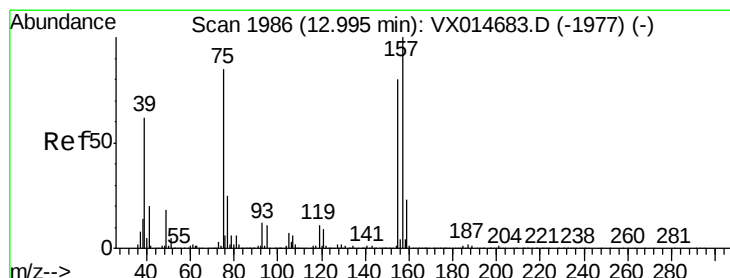
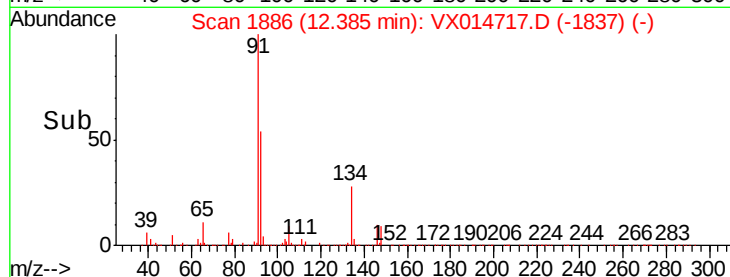
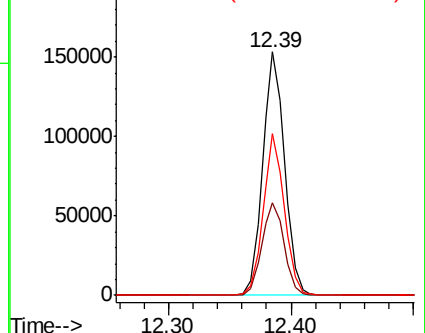
148 63.5 31.9 95.9



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.755 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

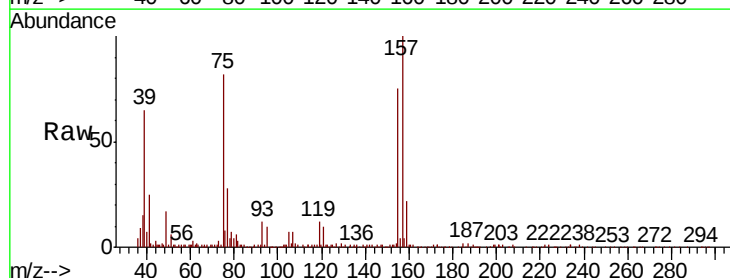
Tgt Ion: 75 Resp: 29318

Ion Ratio Lower Upper

75 100

155 92.2 45.6 136.9

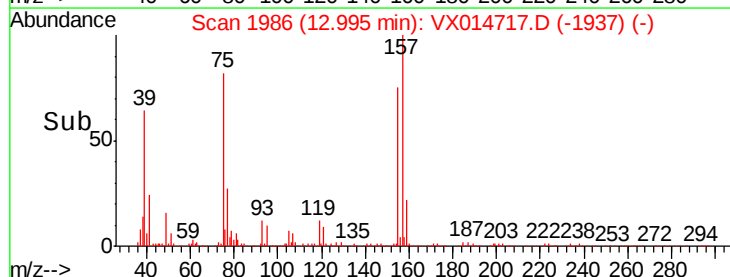
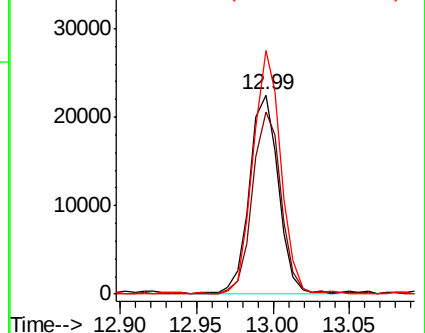
157 118.2 60.3 180.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

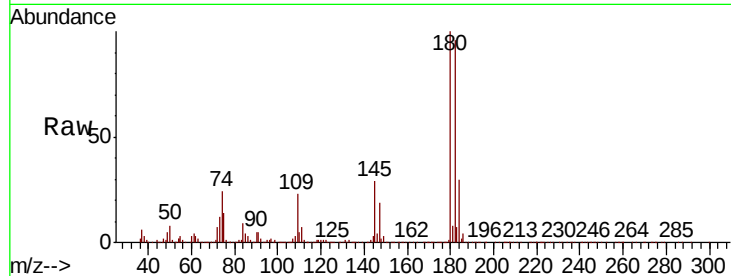




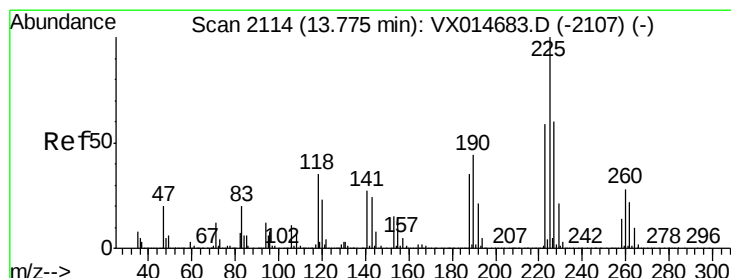
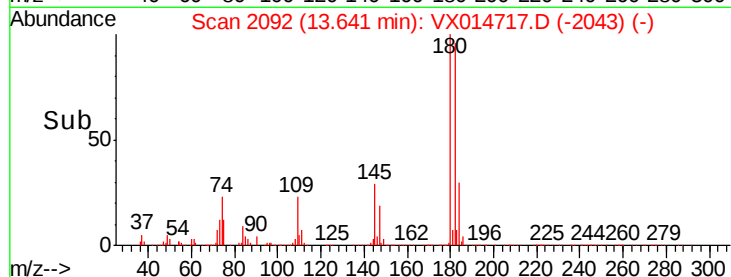
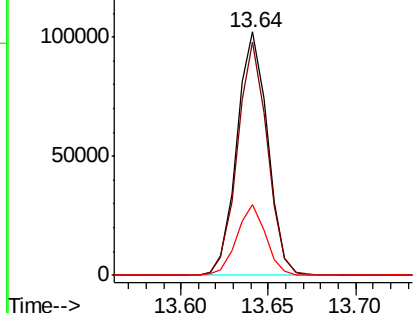
#93
 1,2,4-Trichlorobenzene
 Concen: 19.767 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014717.D
 Acq: 27 Jan 2020 11:38

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.5	145.6
145	27.6	14.0	41.9

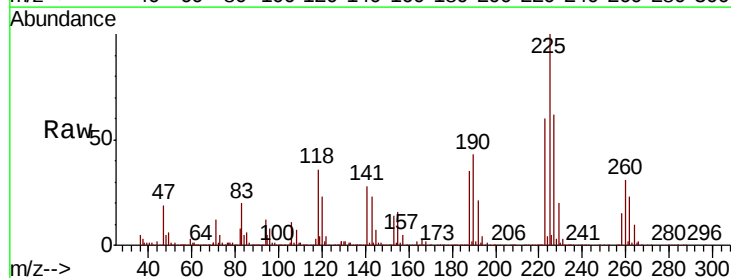


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

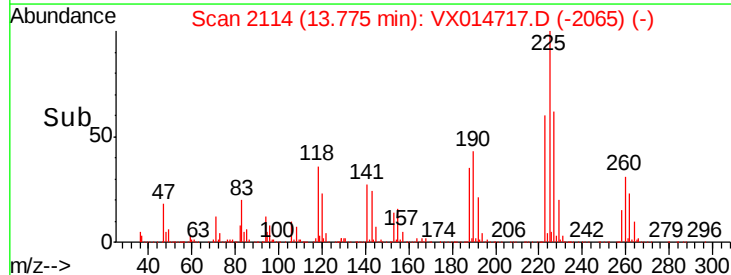
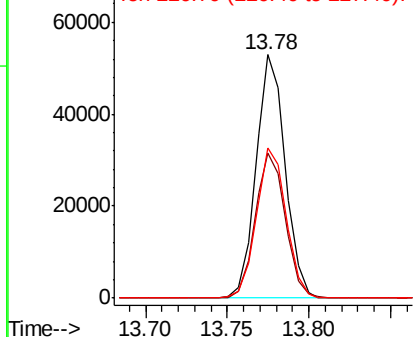


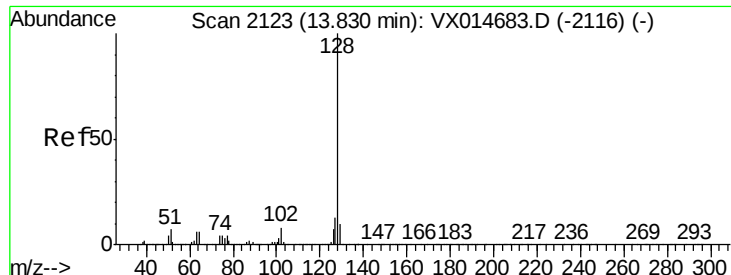
#94
 Hexachlorobutadiene
 Concen: 20.229 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014717.D
 Acq: 27 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	30.6	91.8
227	63.1	31.4	94.0



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

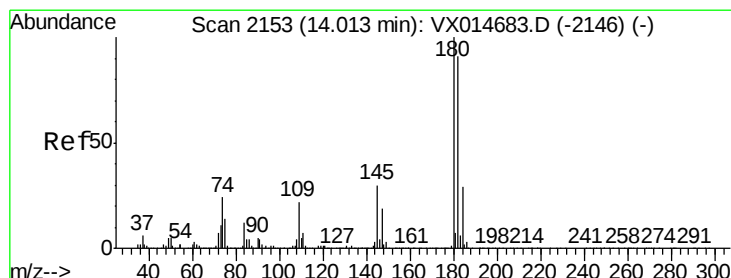
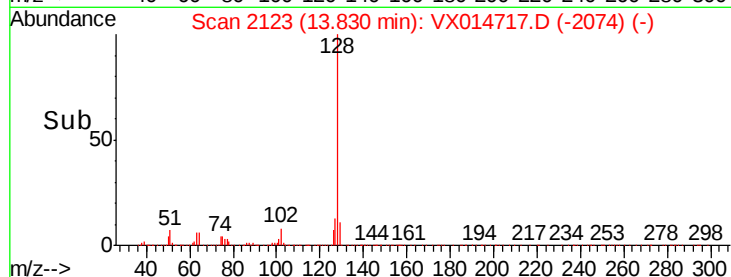
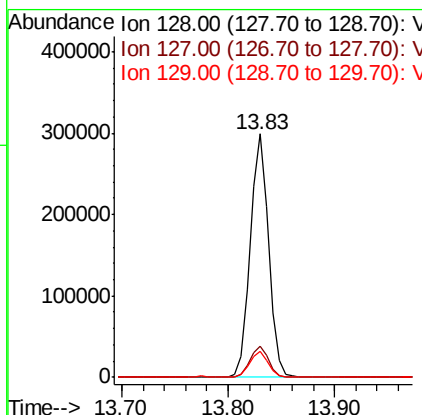
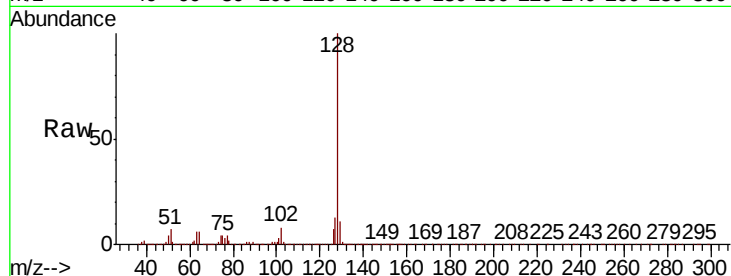




#95
Naphthalene
Concen: 18.416 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.9	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 19.700 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	46.6	139.7
145	29.8	14.7	44.1

