

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012720\
 Data File : VX014716.D
 Acq On : 27 Jan 2020 11:04
 Operator : JC/SP
 Sample : VX0127WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 28 03:12:06 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	458358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	684583	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	619553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	310606	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	259123	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
35) Dibromofluoromethane	5.48	113	211549	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
50) Toluene-d8	8.71	98	810799	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
62) 4-Bromofluorobenzene	11.13	95	280887	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	121801	20.118	ug/l	99
3) Chloromethane	1.32	50	125605	20.256	ug/l	97
4) Vinyl Chloride	1.40	62	137361	20.488	ug/l	96
5) Bromomethane	1.63	94	83773	18.396	ug/l	99
6) Chloroethane	1.72	64	78845	19.717	ug/l	98
7) Trichlorofluoromethane	1.92	101	152490	19.533	ug/l	100
8) Diethyl Ether	2.18	74	66137	19.410	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	93599	20.424	ug/l	98
10) Methyl Iodide	2.50	142	113936	18.947	ug/l	99
11) Tert butyl alcohol	3.02	59	110007	91.543	ug/l	99
12) 1,1-Dichloroethene	2.36	96	87066	19.108	ug/l	95
13) Acrolein	2.28	56	85153	89.870	ug/l	99
14) Allyl chloride	2.72	41	159859	19.519	ug/l	97
15) Acrylonitrile	3.12	53	264877	95.264	ug/l	99
16) Acetone	2.43	43	302745	103.289	ug/l	98
17) Carbon Disulfide	2.56	76	237643	19.083	ug/l	99
18) Methyl Acetate	2.76	43	165804	19.801	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	299706	20.082	ug/l	99
20) Methylene Chloride	2.84	84	105528	19.441	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	95227	18.981	ug/l	97
22) Diisopropyl ether	3.84	45	335873	20.613	ug/l	93
23) Vinyl Acetate	3.80	43	1288534	103.738	ug/l	100
24) 1,1-Dichloroethane	3.69	63	176750	19.974	ug/l	99
25) 2-Butanone	4.65	43	405538	96.487	ug/l	98
26) 2,2-Dichloropropane	4.57	77	141812	20.021	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	108987	19.410	ug/l	99
28) Bromochloromethane	5.00	49	75936	19.528	ug/l	95
29) Tetrahydrofuran	5.11	42	239113	95.853	ug/l	100
30) Chloroform	5.20	83	174287	19.882	ug/l	100
31) Cyclohexane	5.57	56	162110	19.477	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	147976	19.971	ug/l	98
36) 1,1-Dichloropropene	5.79	75	130247	20.476	ug/l	99
37) Ethyl Acetate	4.81	43	147816	20.289	ug/l	99
38) Carbon Tetrachloride	5.77	117	126330	20.795	ug/l	100

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 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 28 03:12:06 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	160960	20.198	ug/l	99
40) Benzene	6.13	78	402217	20.464	ug/l	99
41) Methacrylonitrile	5.02	41	81285	19.400	ug/l	98
42) 1,2-Dichloroethane	6.18	62	142624	21.014	ug/l	99
43) Isopropyl Acetate	6.43	43	235642	19.751	ug/l	99
44) Trichloroethene	7.20	130	109265	19.681	ug/l	99
45) 1,2-Dichloropropane	7.50	63	103758	20.491	ug/l	97
46) Dibromomethane	7.65	93	67512	20.587	ug/l	100
47) Bromodichloromethane	7.89	83	132560	20.610	ug/l	97
48) Methyl methacrylate	7.76	41	116419	20.423	ug/l	99
49) 1,4-Dioxane	7.73	88	48566	401.923	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	748783	99.440	ug/l	100
52) Toluene	8.78	92	252479	20.897	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	143303	20.692	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	164431	21.582	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	103473	20.918	ug/l	96
56) Ethyl methacrylate	9.17	69	154696	19.573	ug/l	99
57) 1,3-Dichloropropane	9.36	76	173880	20.563	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	256277	103.019	ug/l	100
59) 2-Hexanone	9.48	43	584450	100.023	ug/l	99
60) Dibromochloromethane	9.57	129	105640	20.460	ug/l	100
61) 1,2-Dibromoethane	9.67	107	107965	20.643	ug/l	97
64) Tetrachloroethene	9.33	164	117079	19.091	ug/l	97
65) Chlorobenzene	10.13	112	269943	20.370	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	99015	20.265	ug/l	99
67) Ethyl Benzene	10.25	91	468830	20.719	ug/l	99
68) m/p-Xylenes	10.35	106	359497	41.937	ug/l	97
69) o-Xylene	10.70	106	174187	21.048	ug/l	98
70) Styrene	10.71	104	297057	21.398	ug/l	100
71) Bromoform	10.85	173	79645	20.498	ug/l #	98
73) Isopropylbenzene	11.01	105	459749	21.051	ug/l	100
74) N-amyl acetate	10.89	43	193106	20.177	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	150901	19.352	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	173021	23.943	ug/l	93
77) Bromobenzene	11.25	156	120908	20.607	ug/l	97
78) n-propylbenzene	11.35	91	531580	21.443	ug/l	100
79) 2-Chlorotoluene	11.42	91	315899	21.061	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	390560	21.547	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	47693	18.782	ug/l	93
82) 4-Chlorotoluene	11.51	91	359699	21.064	ug/l	100
83) tert-Butylbenzene	11.76	119	363152	21.321	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	390860	21.498	ug/l	99
85) sec-Butylbenzene	11.94	105	445665	21.358	ug/l	100
86) p-Isopropyltoluene	12.06	119	411009	21.314	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	212177	20.122	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	214576	20.315	ug/l	99
89) n-Butylbenzene	12.39	91	352738	21.003	ug/l	99
90) Hexachloroethane	12.59	117	72831	20.334	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	214257	20.459	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	31921	19.053	ug/l	99

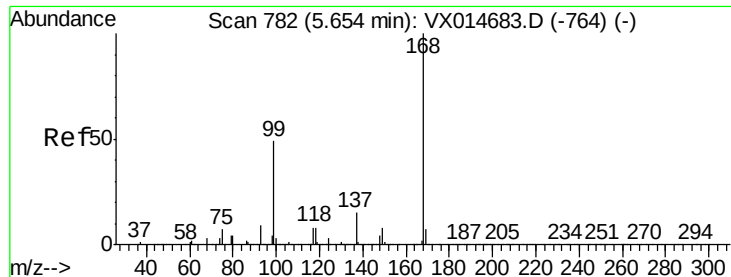
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012720\
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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jan 28 03:12:06 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	139175	20.613	ug/l	98
94) Hexachlorobutadiene	13.78	225	73078	21.029	ug/l	99
95) Naphthalene	13.83	128	404072	19.144	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	141385	20.709	ug/l	97

(#) = 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: VX014716.D

Acq: 27 Jan 2020 11:04

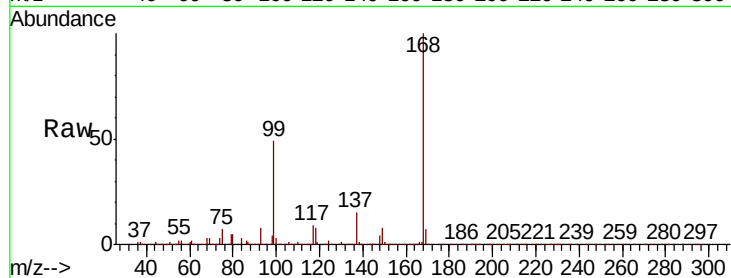
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 458358

Ion Ratio Lower Upper

168 100

99 48.8 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

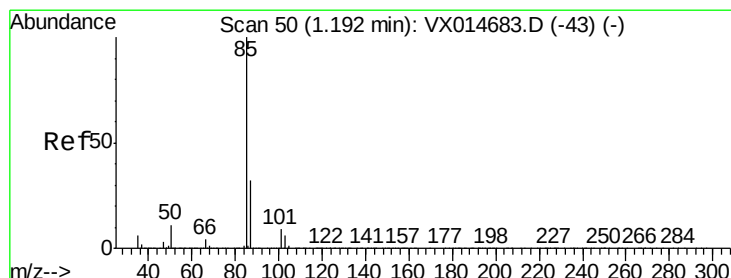
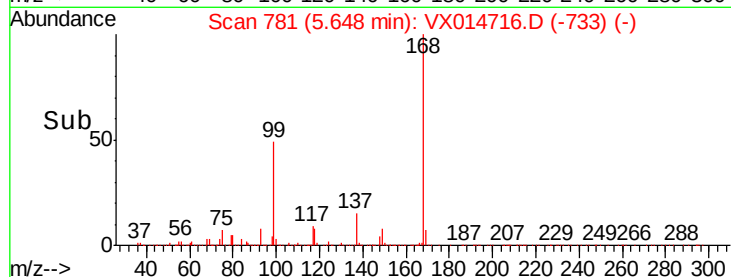
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.118 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014716.D

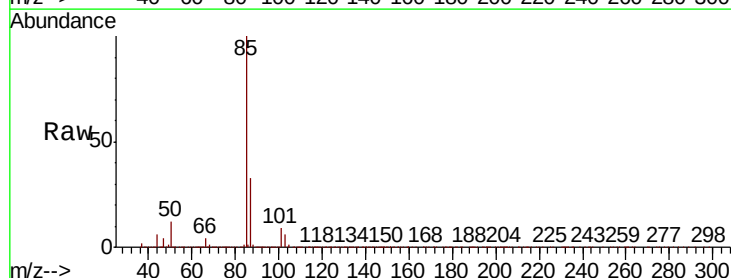
Acq: 27 Jan 2020 11:04

Tgt Ion: 85 Resp: 121801

Ion Ratio Lower Upper

85 100

87 32.8 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

150000

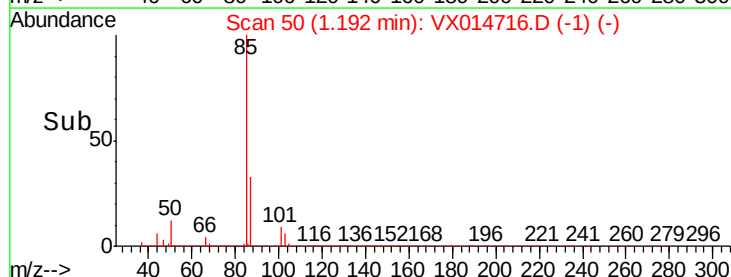
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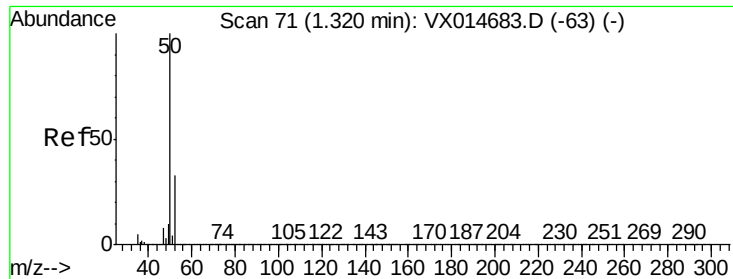
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Time-->

1.15 1.20 1.25

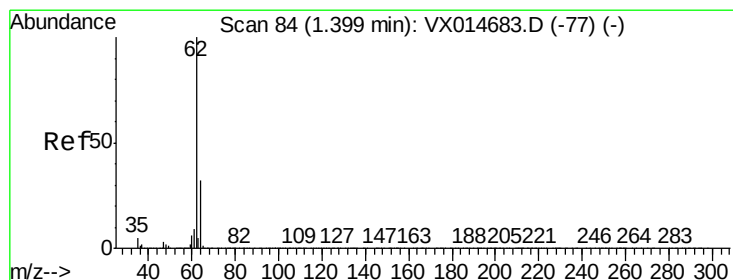
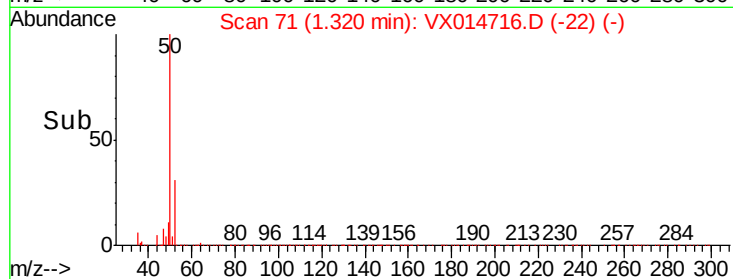
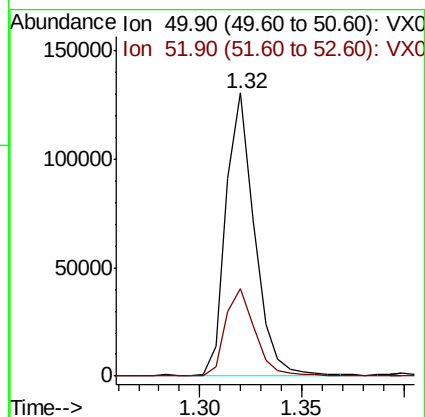
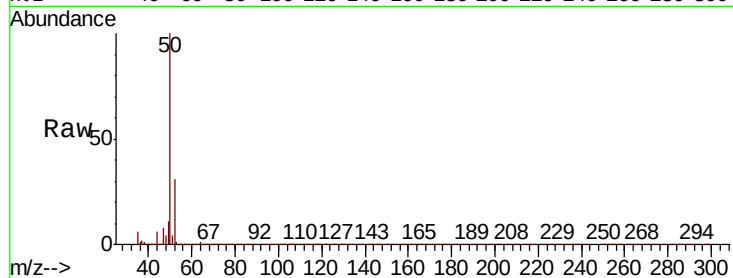




#3
Chloromethane
Concen: 20.256 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

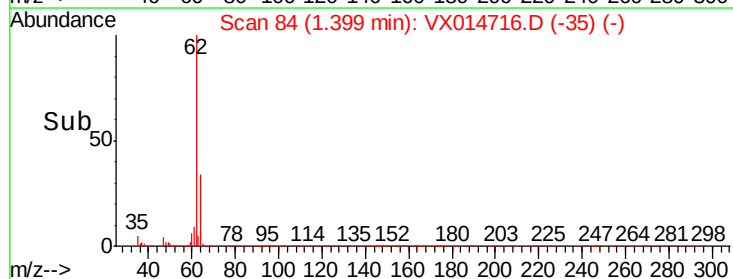
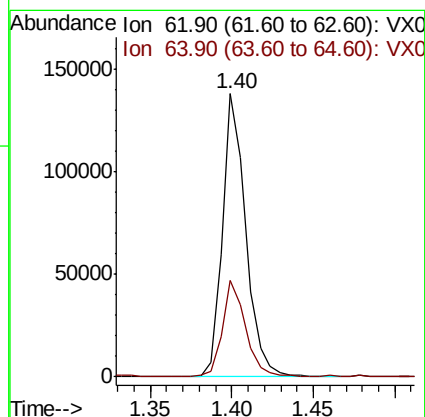
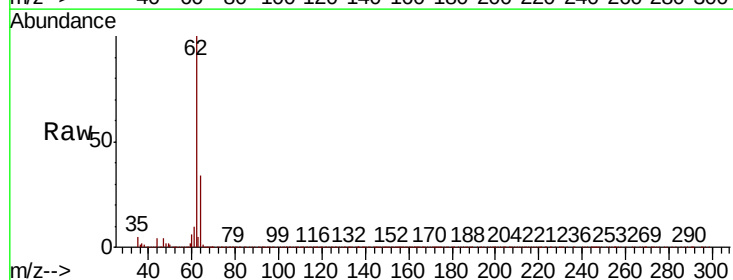
Instrument :
MSVOA_X
ClientSampled :

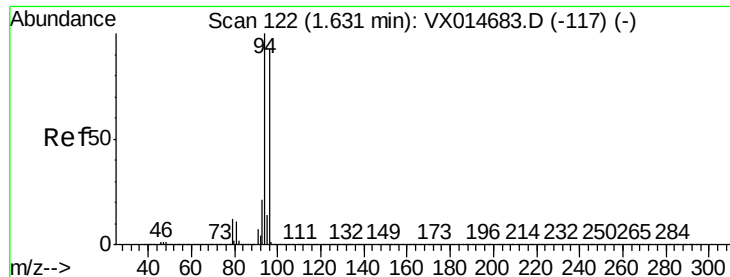
Tot Ion: 50 Resp: 125605
Ion Ratio Lower Upper
50 100
52 30.9 26.2 39.2



#4
Vinyl Chloride
Concen: 20.488 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Tgt Ion: 62 Resp: 137361
Ion Ratio Lower Upper
62 100
64 33.8 25.4 38.2





#5

Bromomethane

Concen: 18.396 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :

MSVOA_X

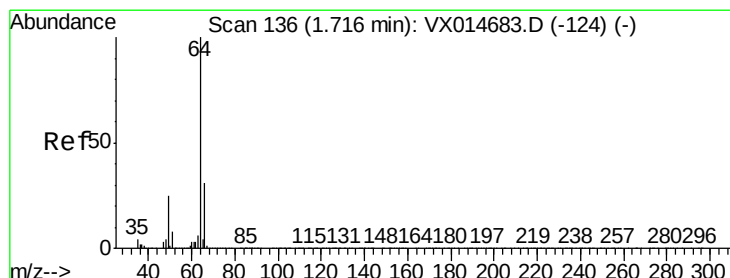
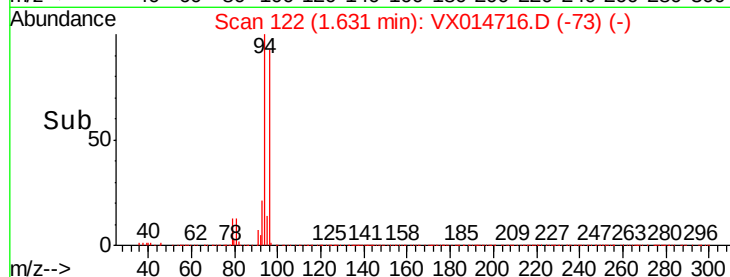
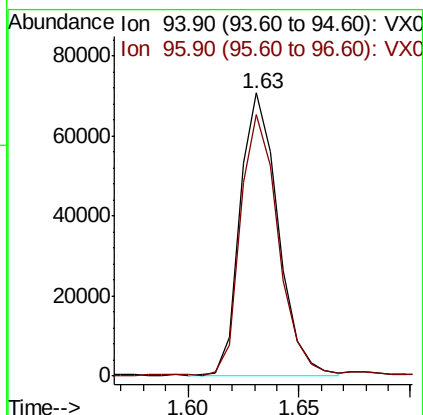
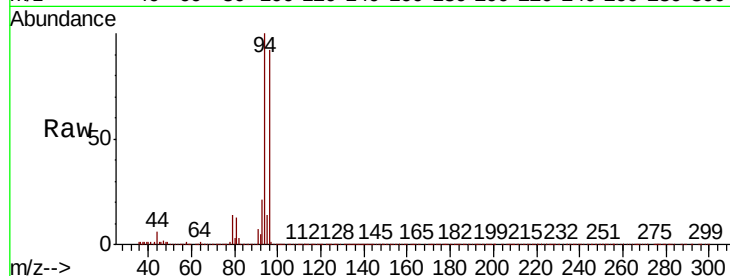
ClientSampleId :

Tot Ion: 94 Resp: 83773

Ion Ratio Lower Upper

94 100

96 92.3 74.7 112.1



#6

Chloroethane

Concen: 19.717 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014716.D

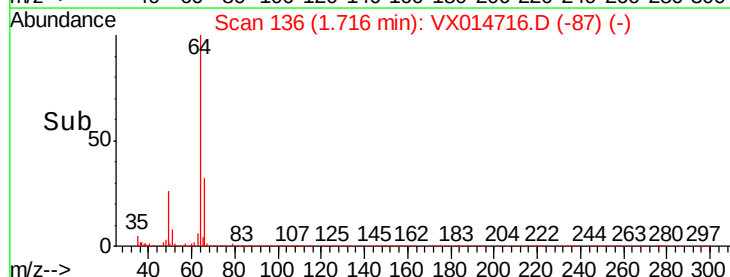
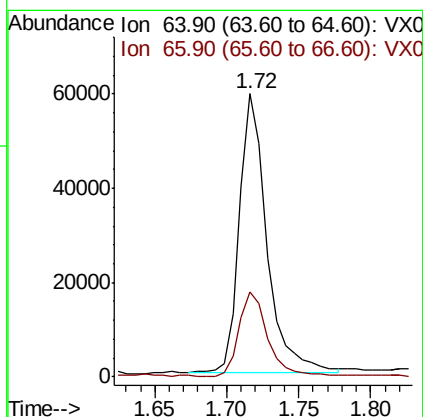
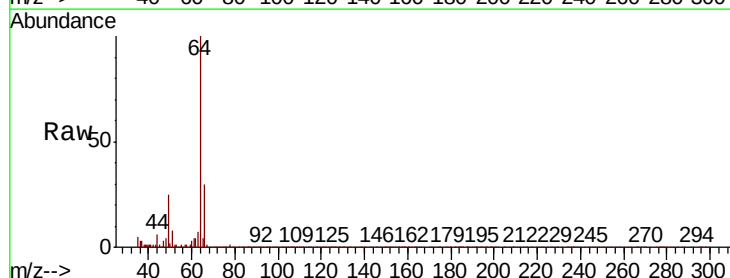
Acq: 27 Jan 2020 11:04

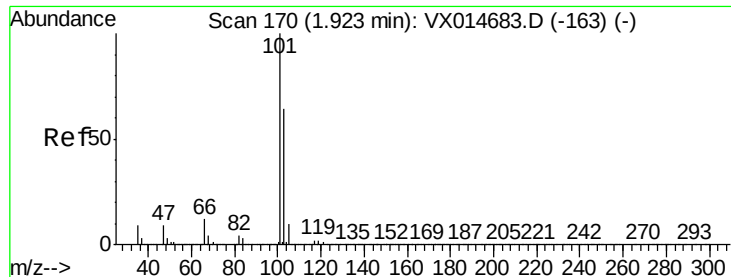
Tgt Ion: 64 Resp: 78845

Ion Ratio Lower Upper

64 100

66 30.1 25.2 37.8



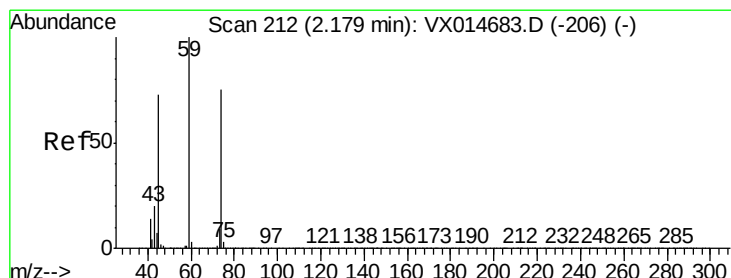
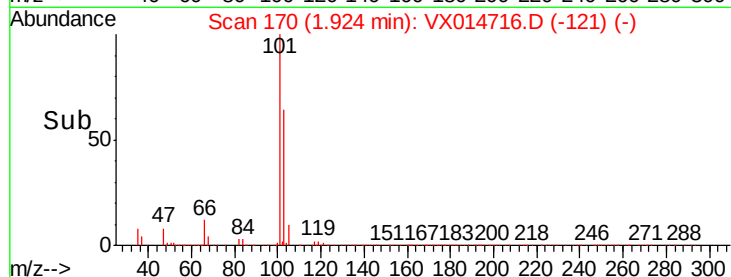
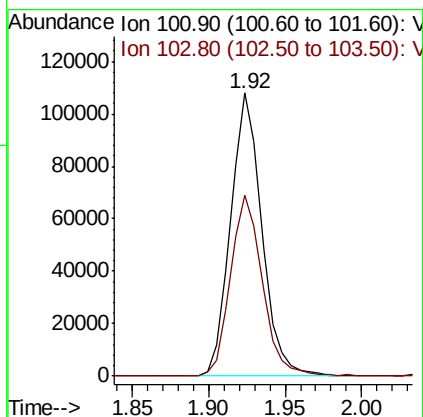
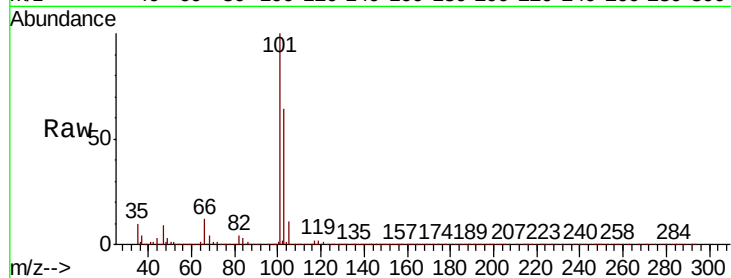


#7

Trichlorofluoromethane
Concen: 19.533 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :

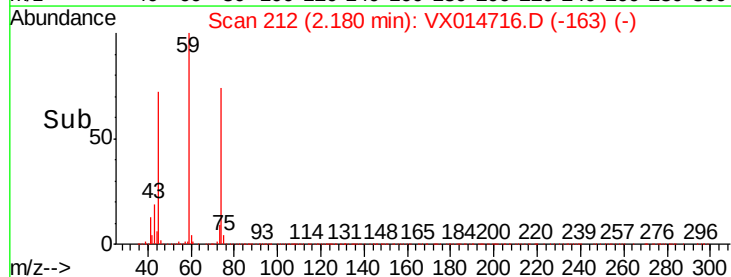
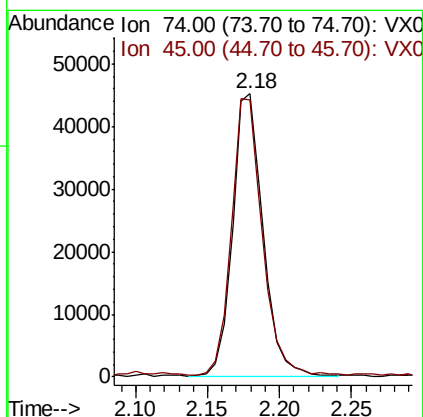
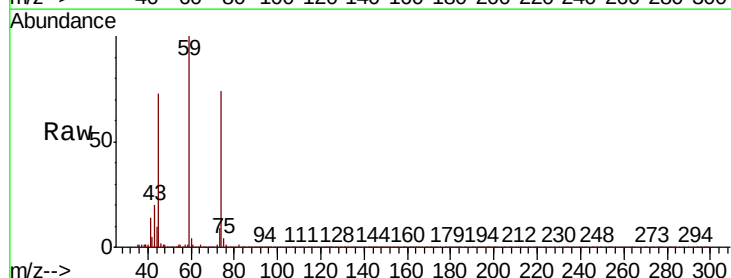
Tot Ion:101 Resp: 152490
Ion Ratio Lower Upper
101 100
103 63.5 51.0 76.6

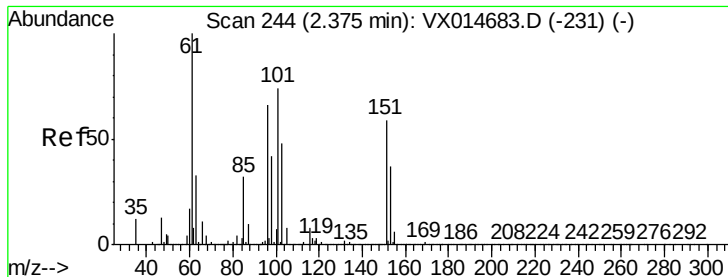


#8

Diethyl Ether
Concen: 19.410 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Tgt Ion: 74 Resp: 66137
Ion Ratio Lower Upper
74 100
45 99.2 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.424 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

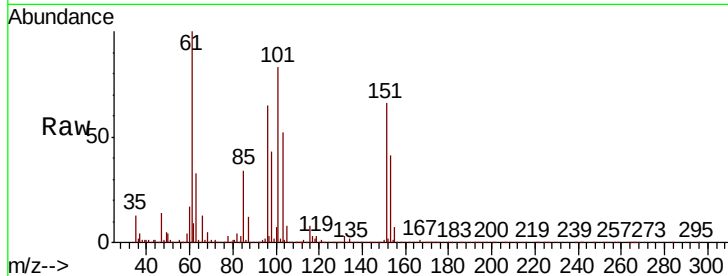
Tot Ion:101 Resp: 93599

Ion Ratio Lower Upper

101 100

85 41.0 34.7 52.1

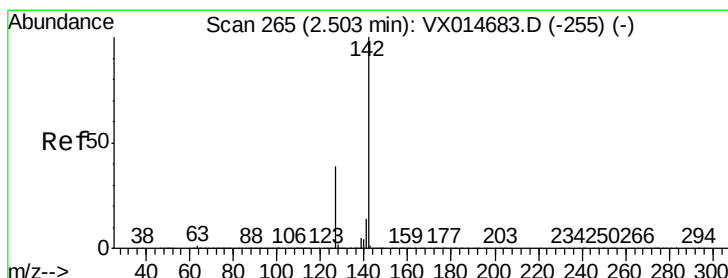
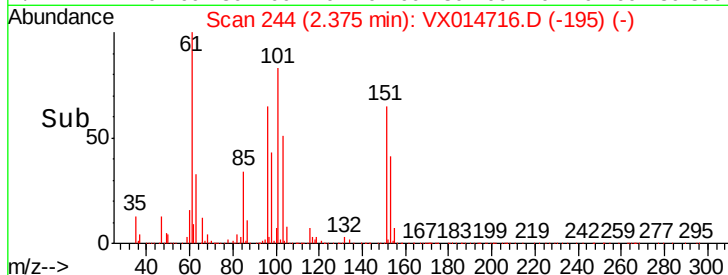
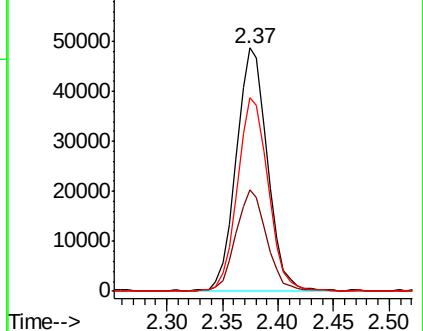
151 79.4 64.7 97.1



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: 18.947 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

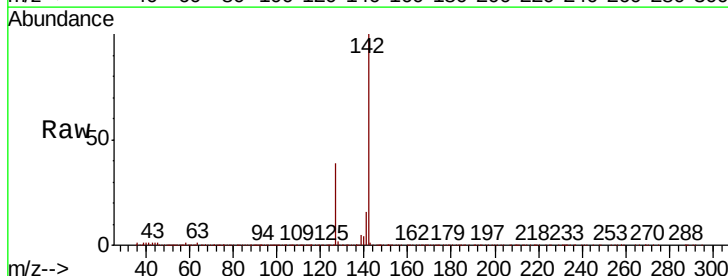
Tgt Ion:142 Resp: 113936

Ion Ratio Lower Upper

142 100

127 39.7 31.1 46.7

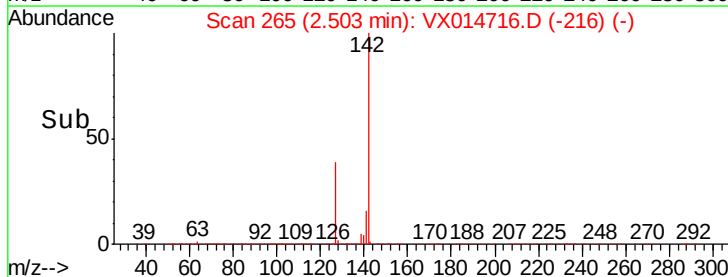
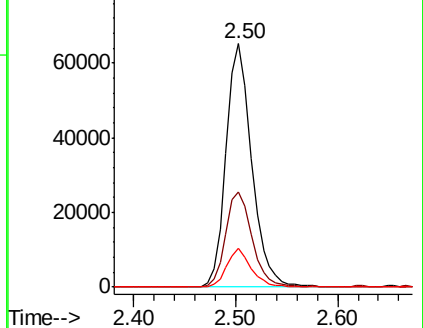
141 14.9 11.3 16.9

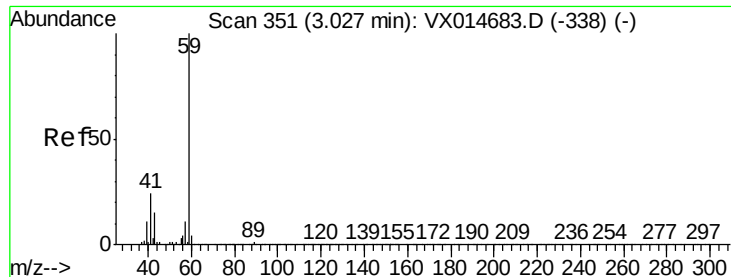


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



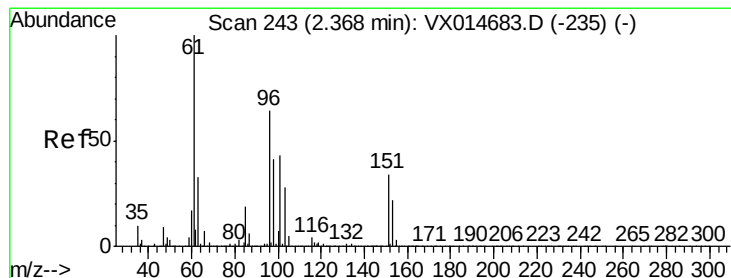
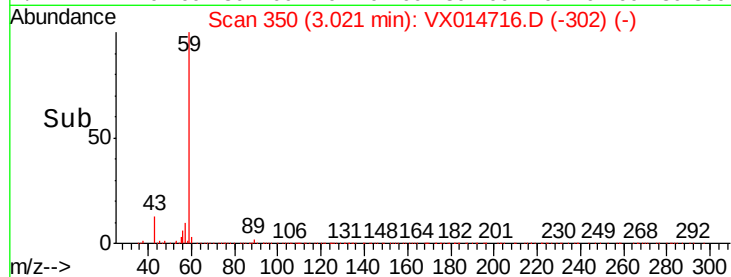
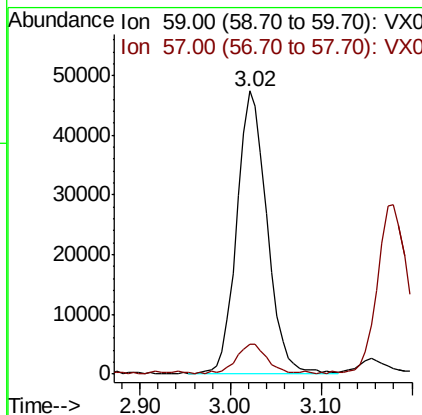
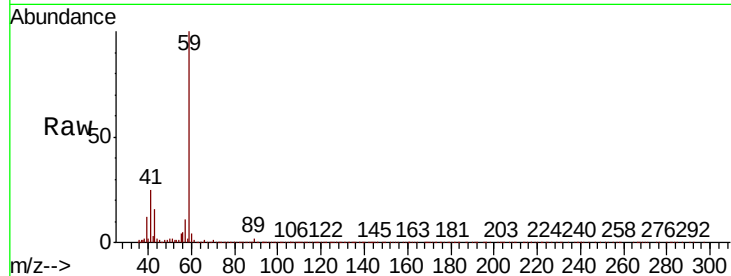


#11

Tert butyl alcohol
 Concen: 91.543 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX014716.D
 Acq: 27 Jan 2020 11:04

Instrument :
 MSVOA_X
 ClientSampled :

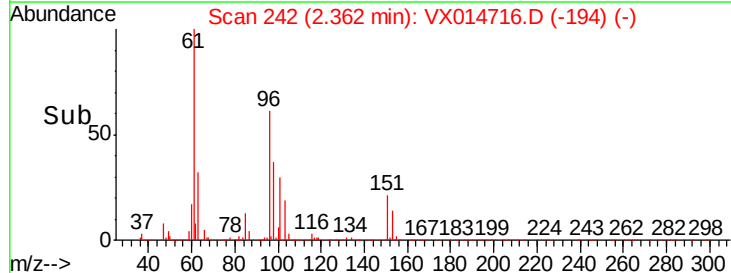
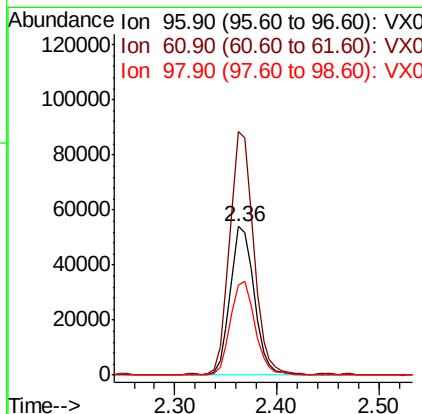
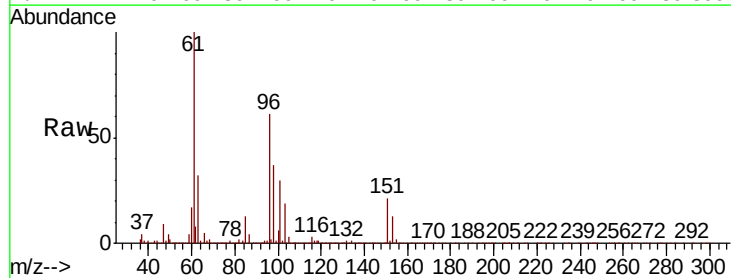
Tot Ion: 59 Resp: 110007
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.3 12.5

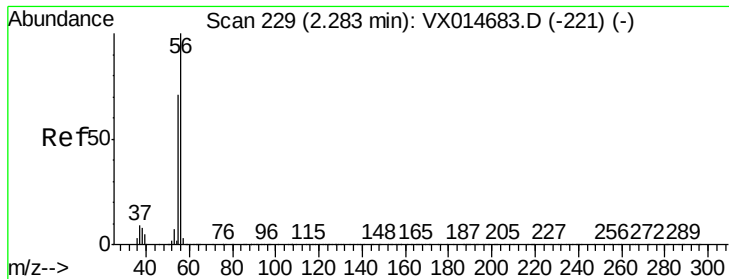


#12

1,1-Dichloroethene
 Concen: 19.108 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.01 min
 Lab File: VX014716.D
 Acq: 27 Jan 2020 11:04

Tgt Ion: 96 Resp: 87066
 Ion Ratio Lower Upper
 96 100
 61 163.9 125.8 188.8
 98 60.4 51.5 77.3

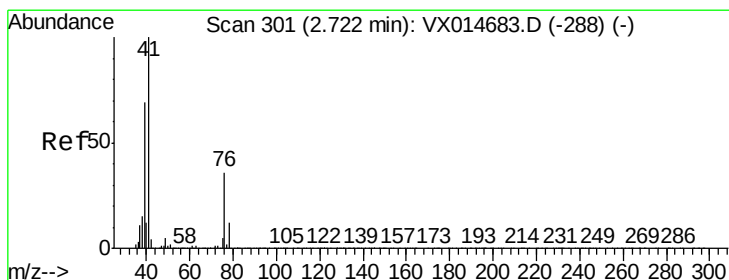
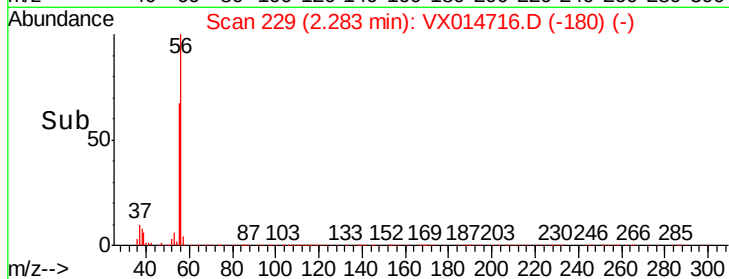
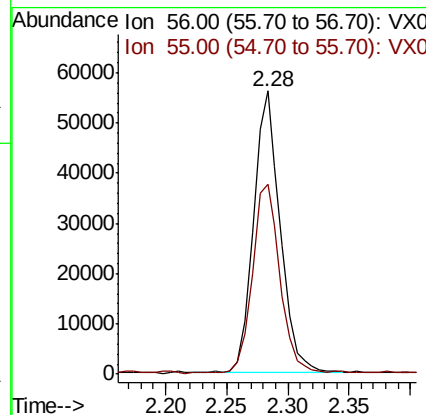
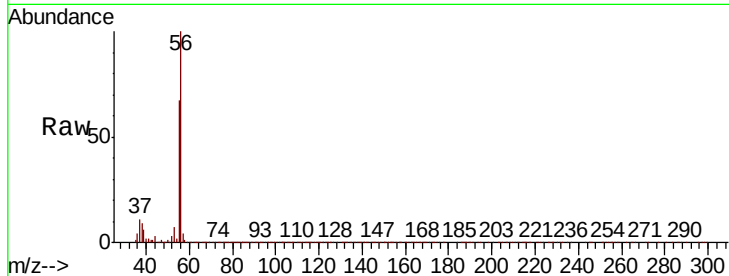




#13
Acrolein
Concen: 89.870 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

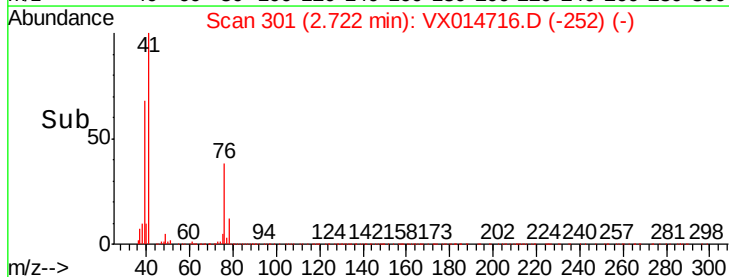
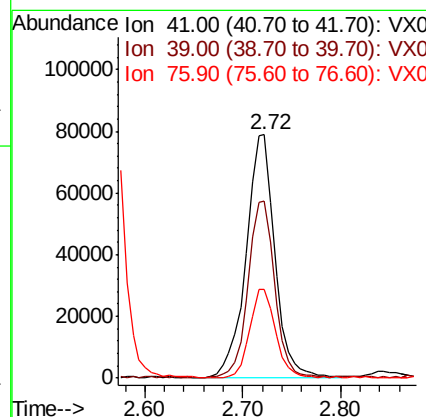
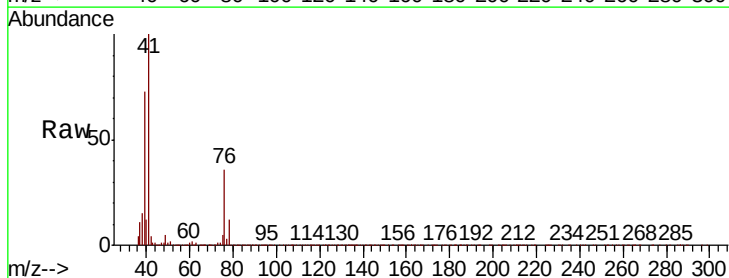
Instrument :
MSVOA_X
ClientSampleId :

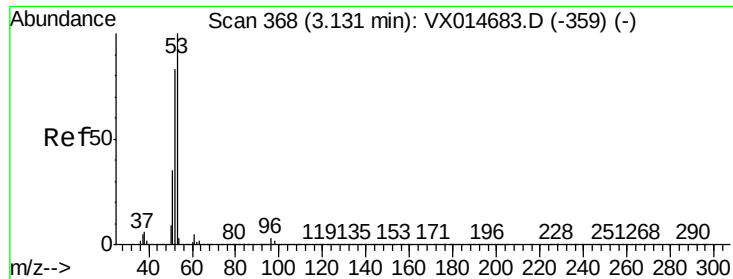
Tot Ion: 56 Resp: 85153
Ion Ratio Lower Upper
56 100
55 69.8 56.6 84.8



#14
Allyl chloride
Concen: 19.519 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Tgt Ion: 41 Resp: 159859
Ion Ratio Lower Upper
41 100
39 68.7 52.0 78.0
76 32.3 26.0 39.0





#15

Acrylonitrile

Concen: 95.264 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

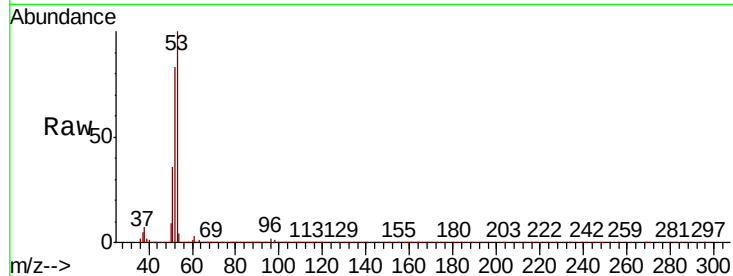
Tot Ion: 53 Resp: 264877

Ion Ratio Lower Upper

53 100

52 84.4 66.4 99.6

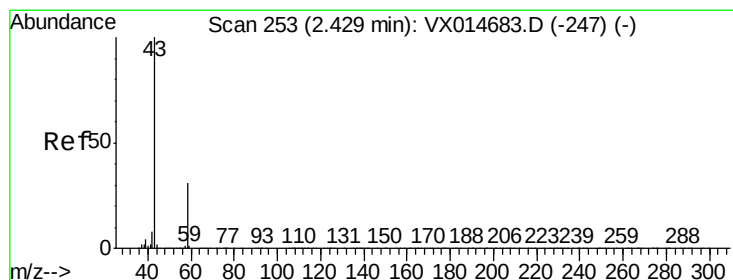
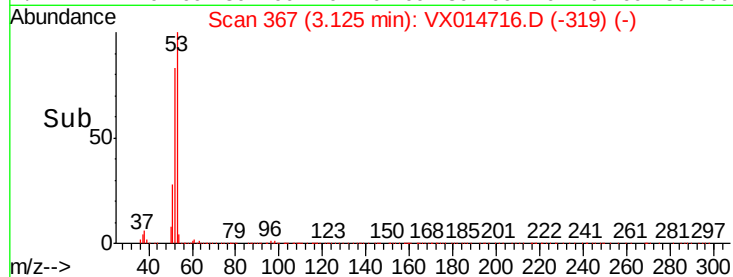
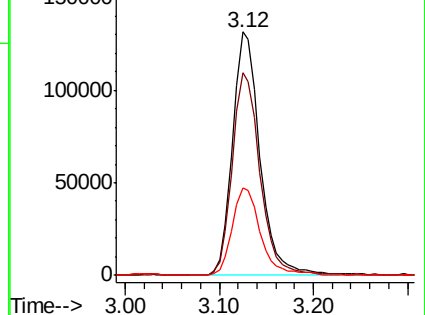
51 36.7 28.7 43.1



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: 103.289 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014716.D

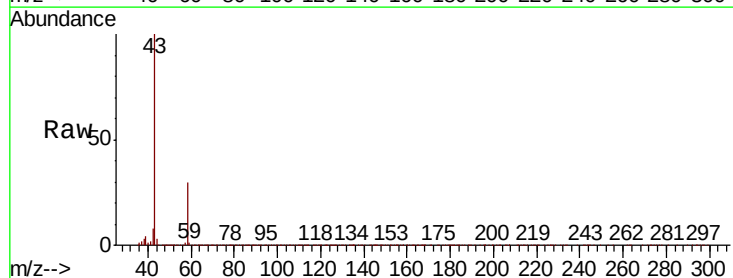
Acq: 27 Jan 2020 11:04

Tgt Ion: 43 Resp: 302745

Ion Ratio Lower Upper

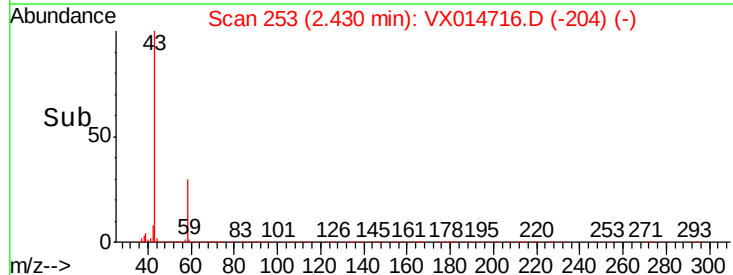
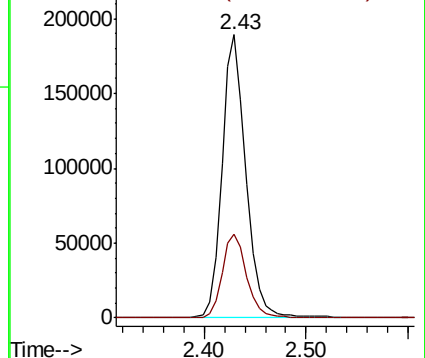
43 100

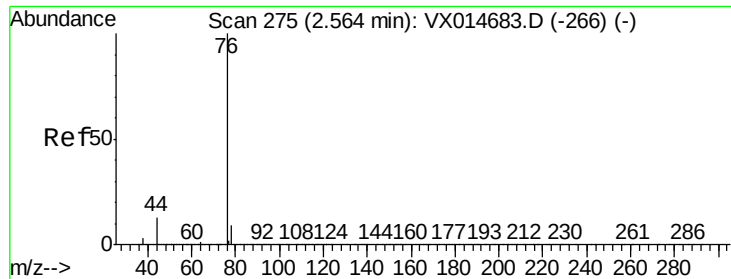
58 29.8 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 19.083 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :

MSVOA_X

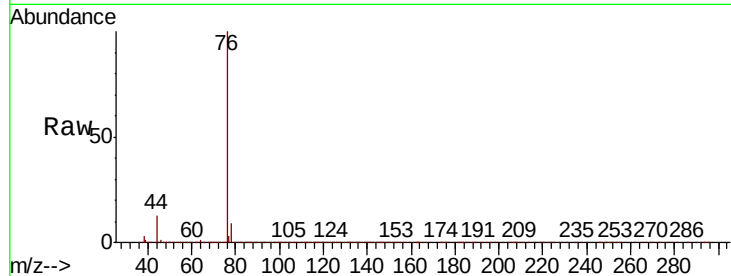
ClientSampleId :

Tot Ion: 76 Resp: 237643

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

150000

100000

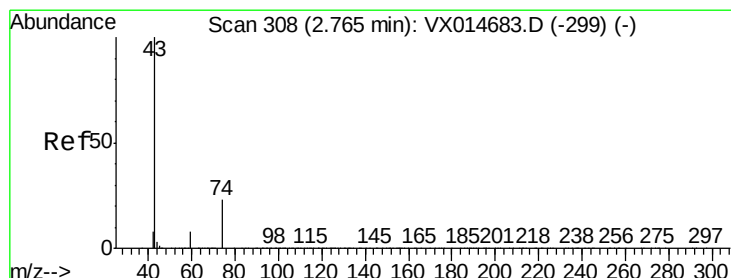
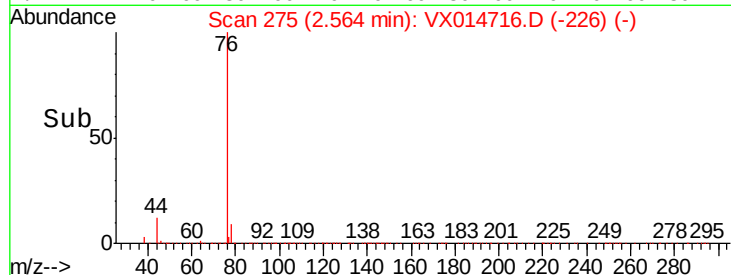
50000

0

2.56

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 19.801 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014716.D

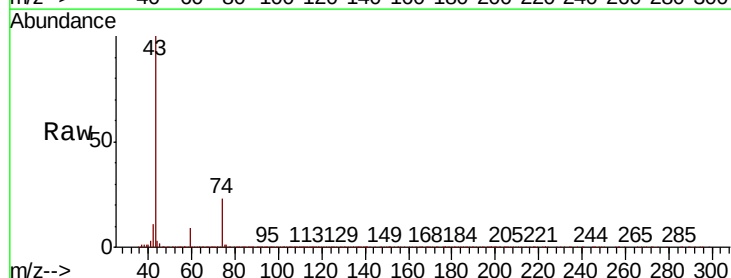
Acq: 27 Jan 2020 11:04

Tgt Ion: 43 Resp: 165804

Ion Ratio Lower Upper

43 100

74 23.5 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

100000

80000

60000

40000

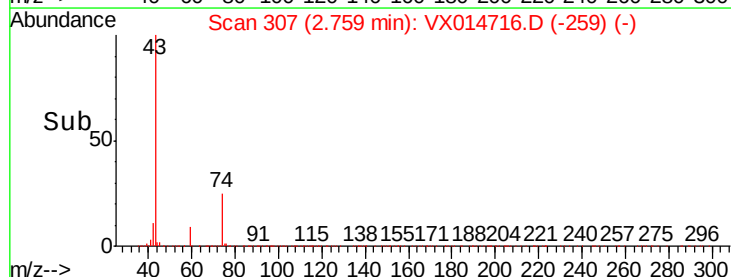
20000

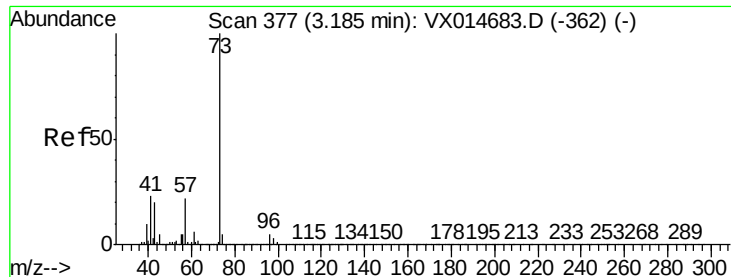
0

2.76

2.65 2.70 2.75 2.80 2.85

Time-->

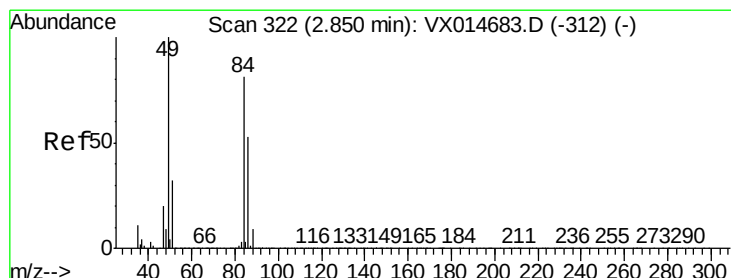
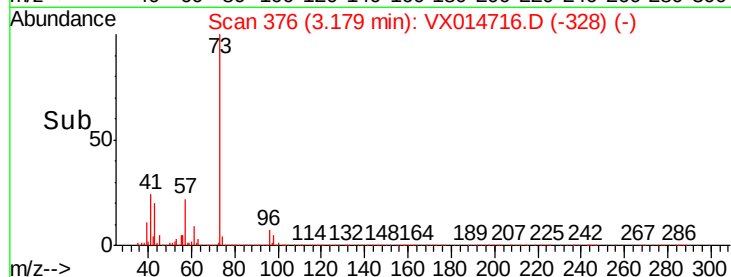
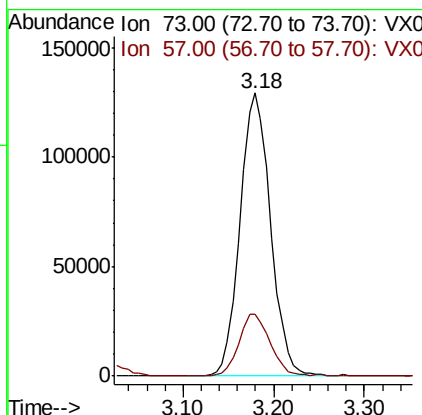
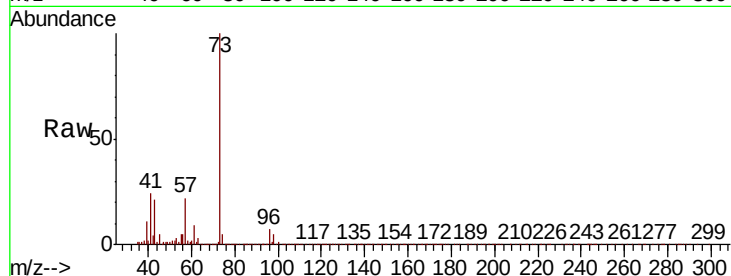




#19
Methyl tert-butyl Ether
Concen: 20.082 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

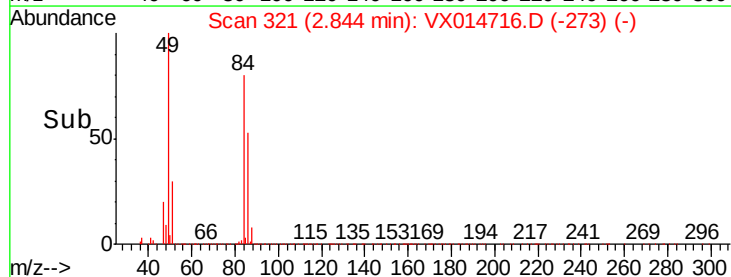
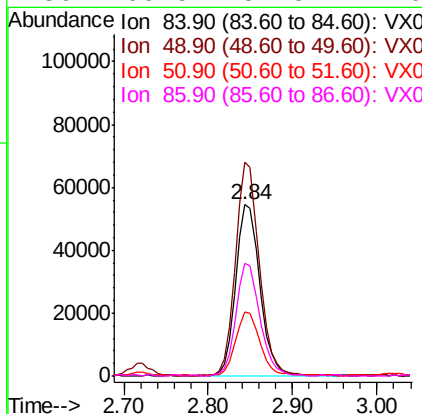
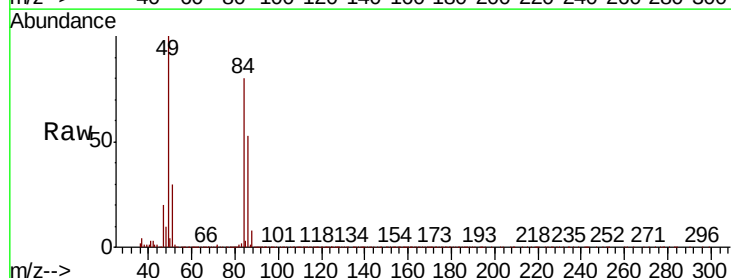
Instrument :
MSVOA_X
ClientSampled :

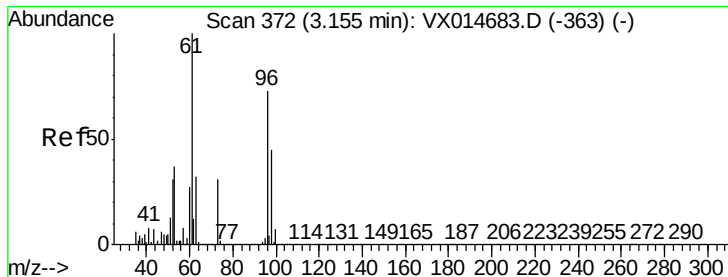
Tot Ion: 73 Resp: 299706
Ion Ratio Lower Upper
73 100
57 21.9 18.0 27.0



#20
Methylene Chloride
Concen: 19.441 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Tgt Ion: 84 Resp: 105528
Ion Ratio Lower Upper
84 100
49 124.8 98.2 147.4
51 37.5 31.3 46.9
86 65.5 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.981 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :

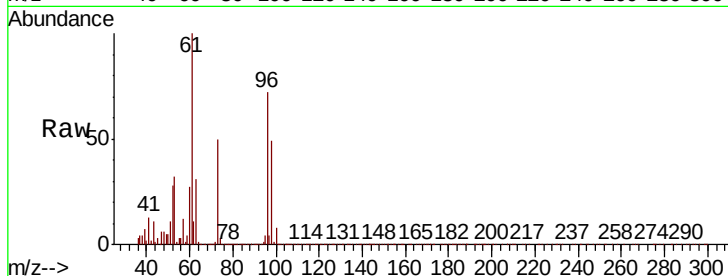
Tot Ion: 96 Resp: 95227

Ion Ratio Lower Upper

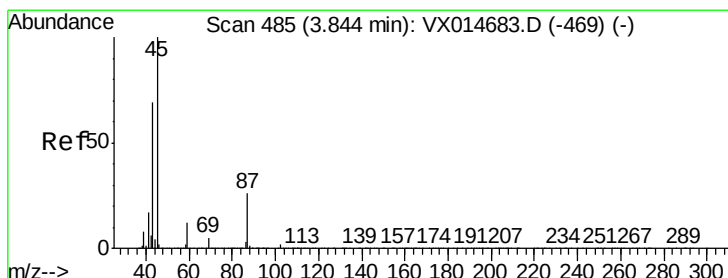
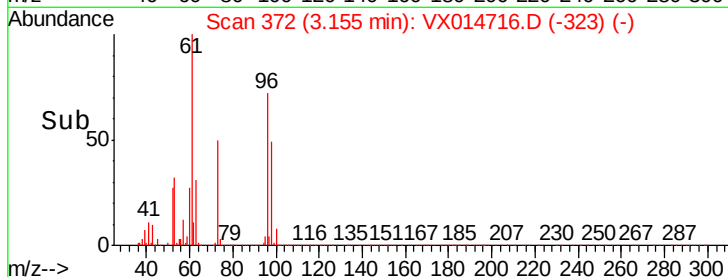
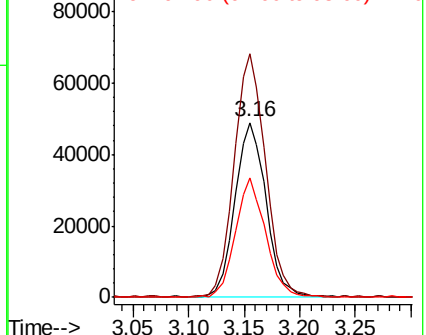
96 100

61 139.2 109.8 164.6

98 67.7 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: 20.613 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Tgt Ion: 45 Resp: 335873

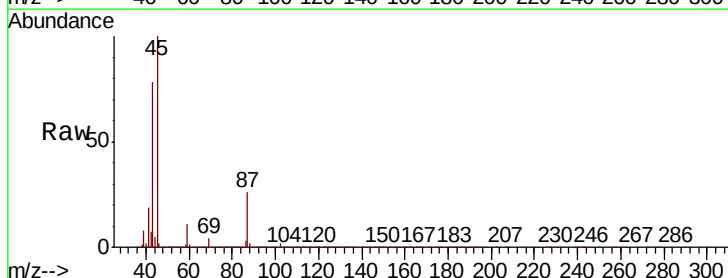
Ion Ratio Lower Upper

45 100

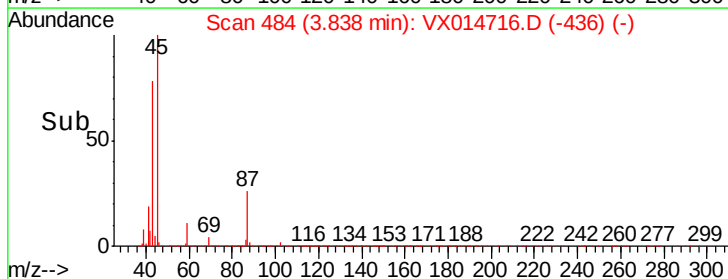
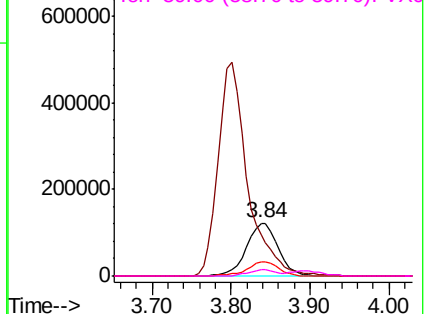
43 77.7 55.1 82.7

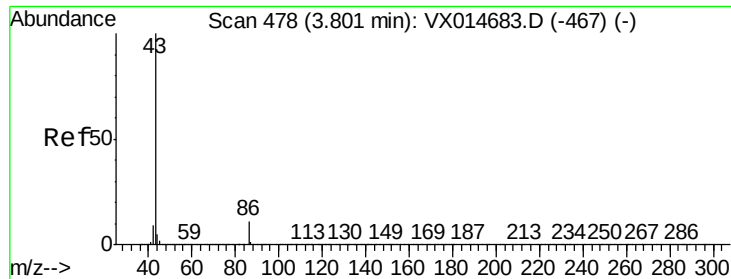
87 26.2 20.7 31.1

59 10.9 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: 103.738 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :

MSVOA_X

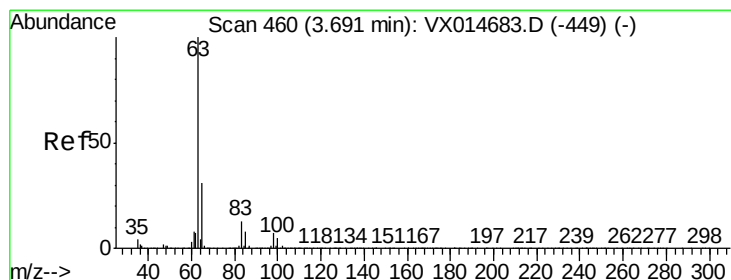
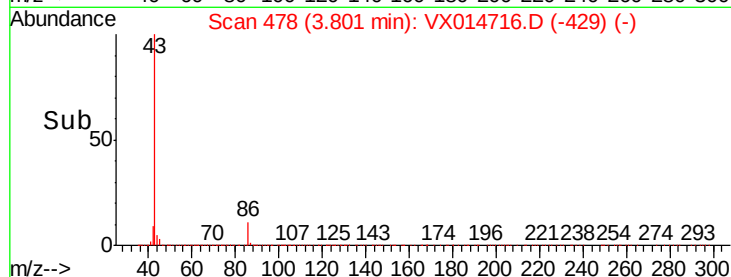
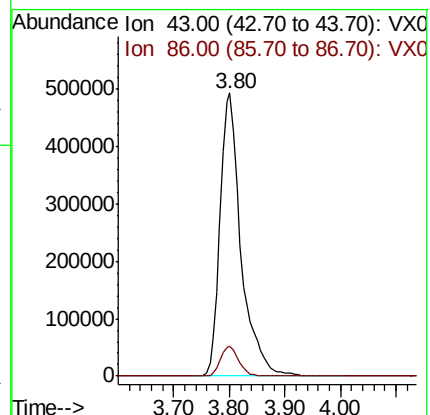
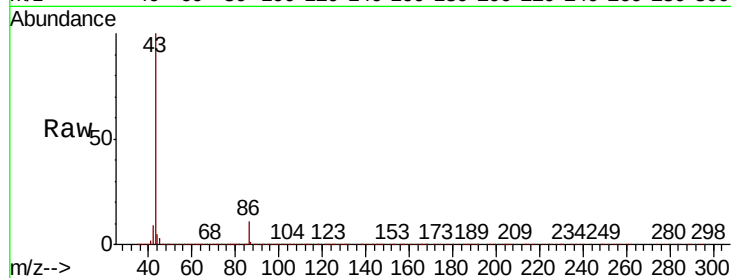
ClientSampled :

Tot Ion: 43 Resp: 1288534

Ion Ratio Lower Upper

43 100

86 10.5 8.4 12.6



#24

1,1-Dichloroethane

Concen: 19.974 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

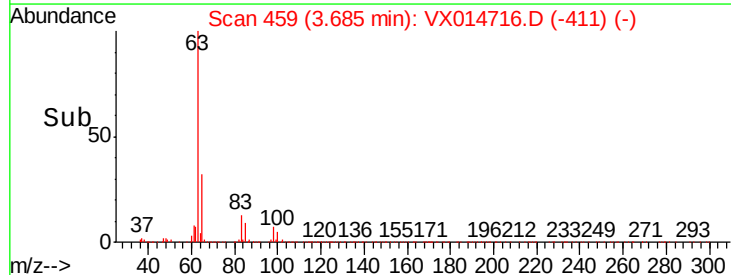
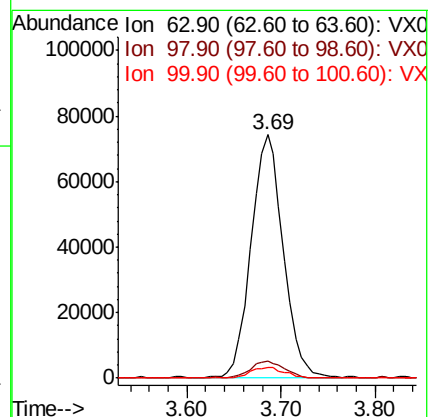
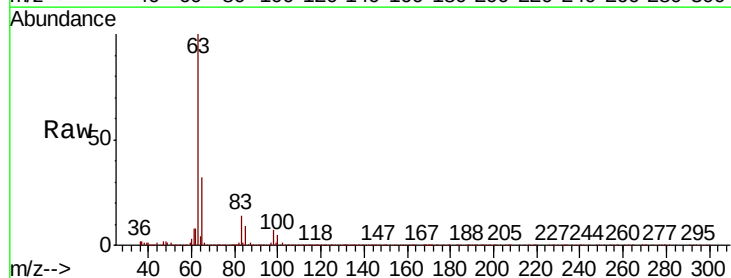
Tgt Ion: 63 Resp: 176750

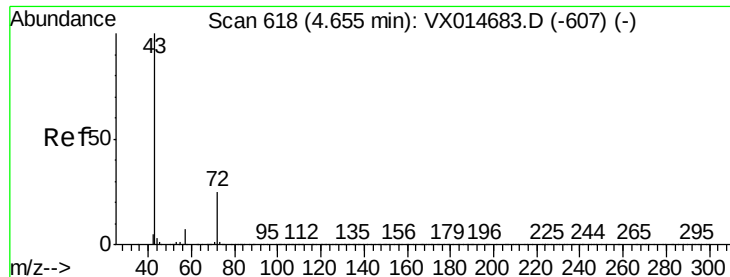
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 4.2 2.2 6.6





#25

2-Butanone

Concen: 96.487 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

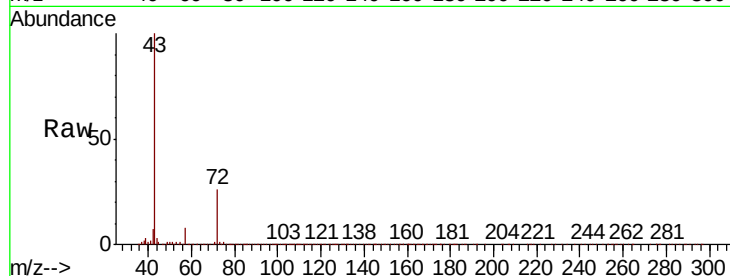
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 405538

Ion Ratio Lower Upper

43 100

72 26.1 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

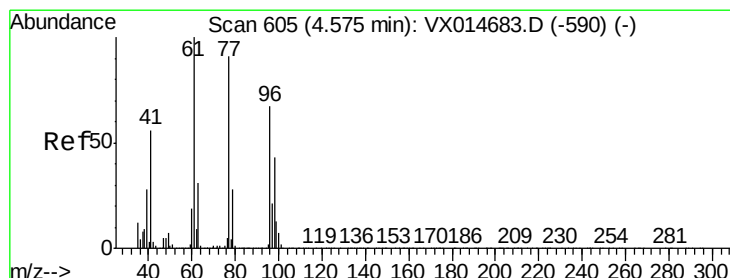
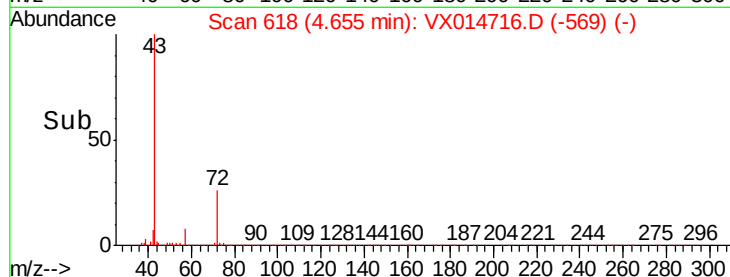
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 20.021 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014716.D

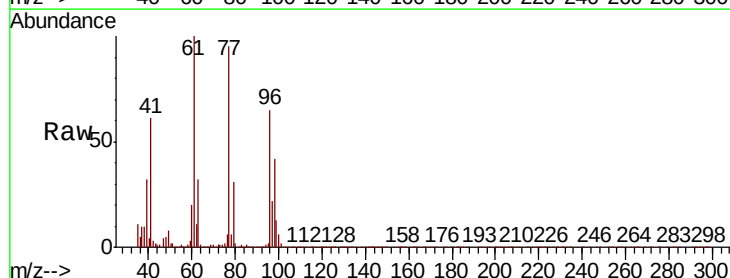
Acq: 27 Jan 2020 11:04

Tgt Ion: 77 Resp: 141812

Ion Ratio Lower Upper

77 100

97 24.4 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

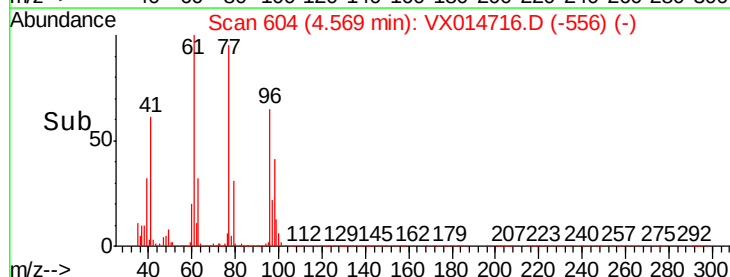
20000

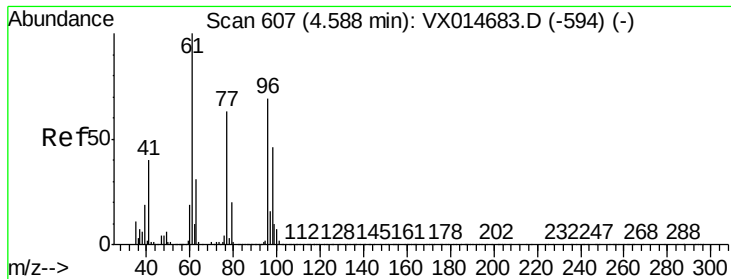
10000

0

4.40 4.50 4.60 4.70

Time-->



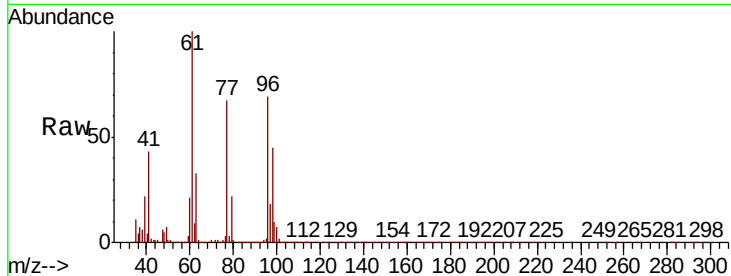


#27

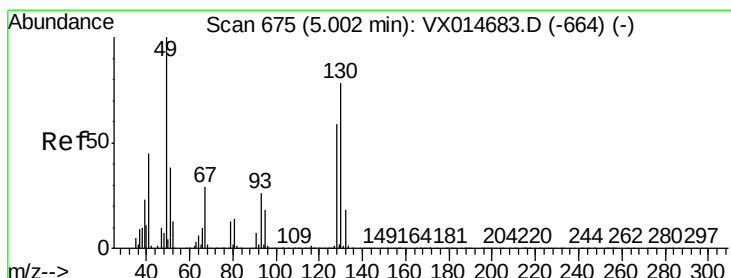
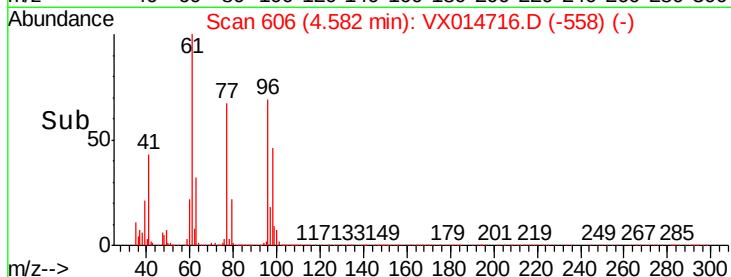
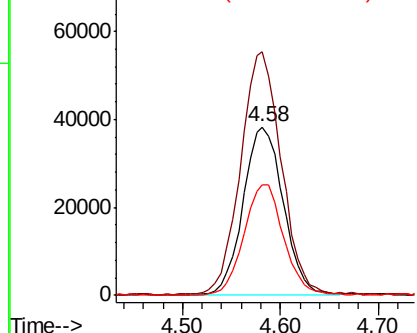
cis-1,2-Dichloroethene
Concen: 19.410 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.2	0.0	291.0
98	64.9	0.0	129.8



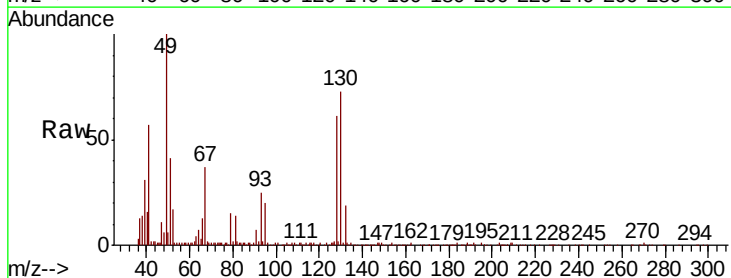
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



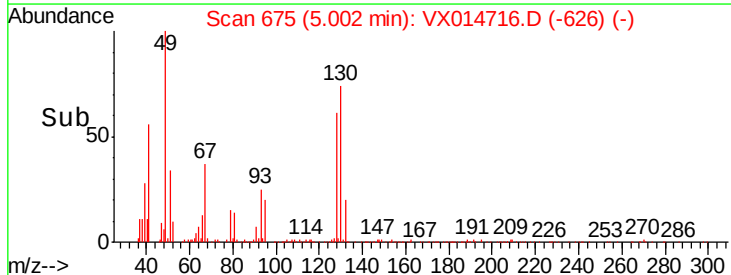
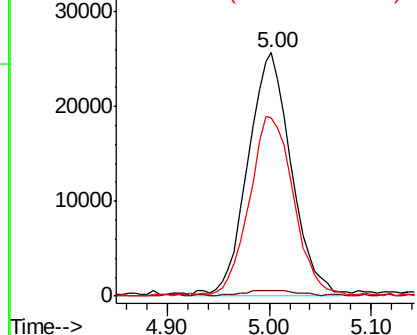
#28

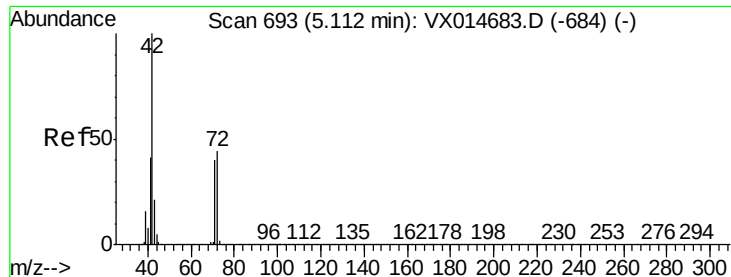
Bromochloromethane
Concen: 19.528 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	4.8
130	73.4	62.4	93.6



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





#29

Tetrahydrofuran

Concen: 95.853 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

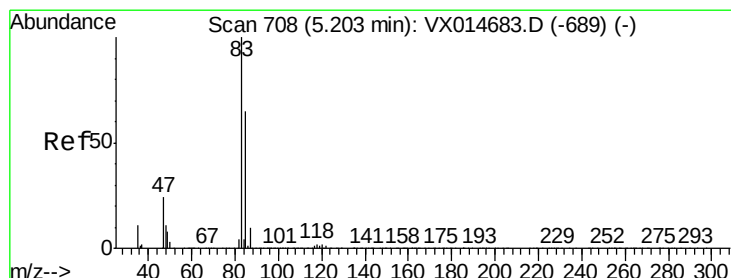
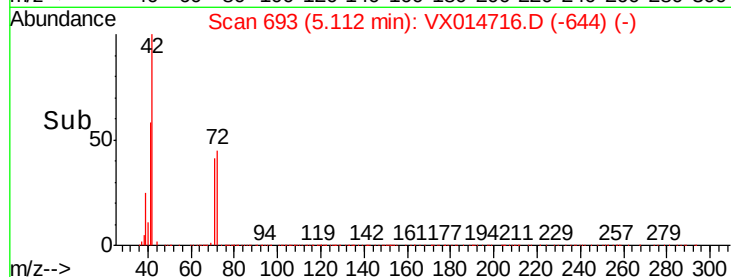
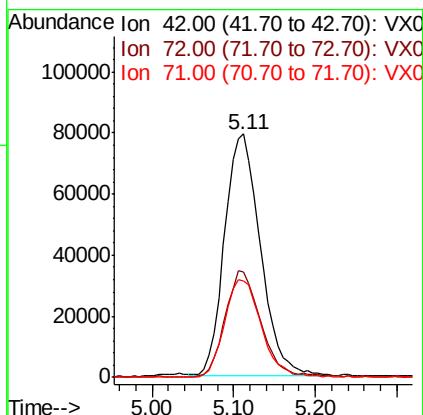
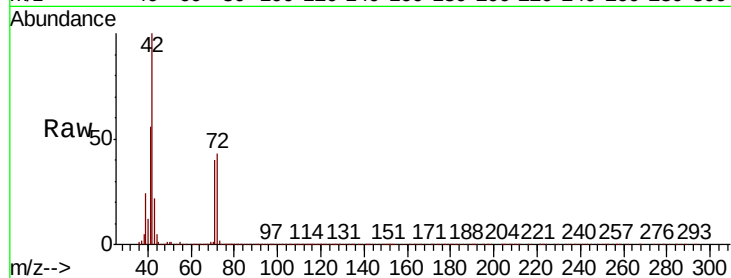
Tot Ion: 42 Resp: 239113

Ion Ratio Lower Upper

42 100

72 44.0 35.3 52.9

71 41.3 33.1 49.7



#30

Chloroform

Concen: 19.882 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014716.D

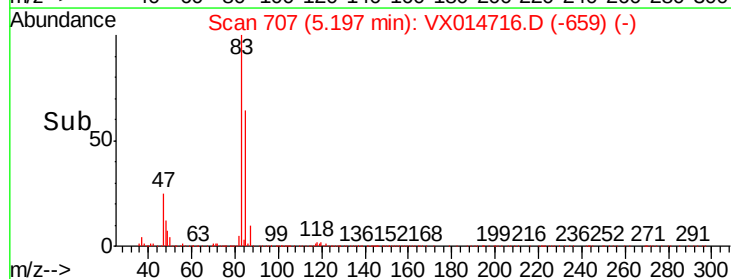
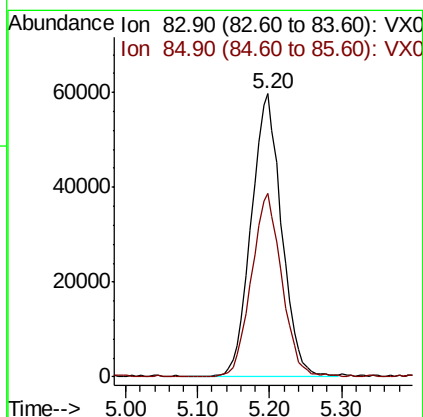
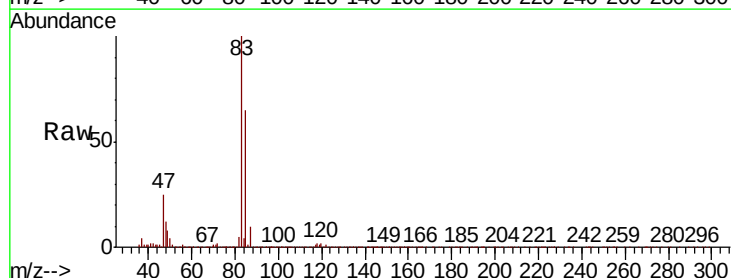
Acq: 27 Jan 2020 11:04

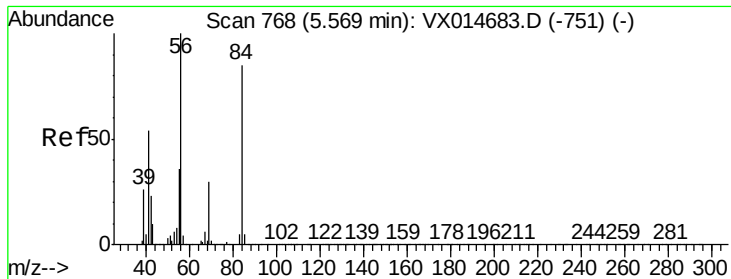
Tgt Ion: 83 Resp: 174287

Ion Ratio Lower Upper

83 100

85 64.7 51.7 77.5

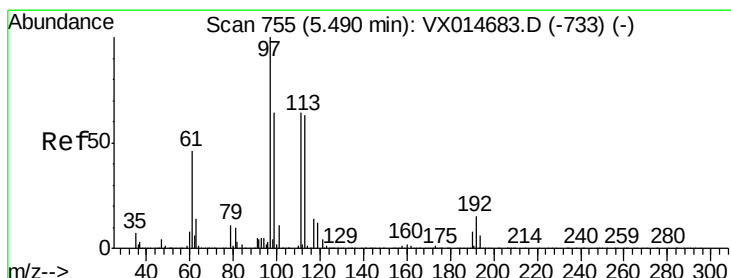
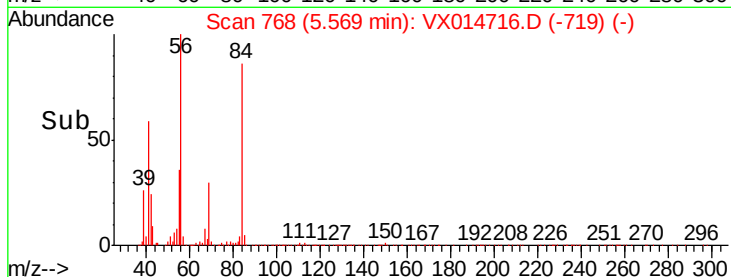
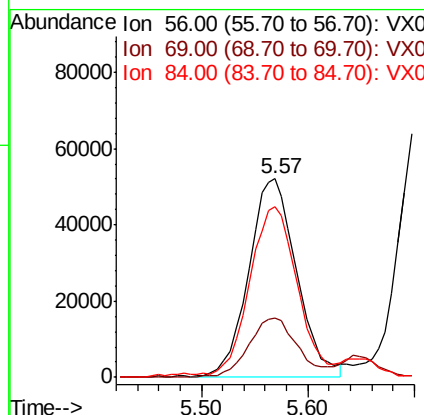
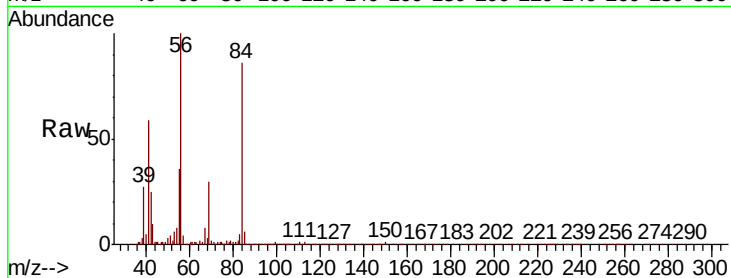




#31
Cyclohexane
Concen: 19.477 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

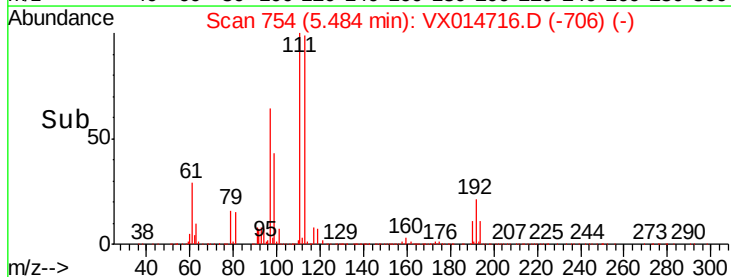
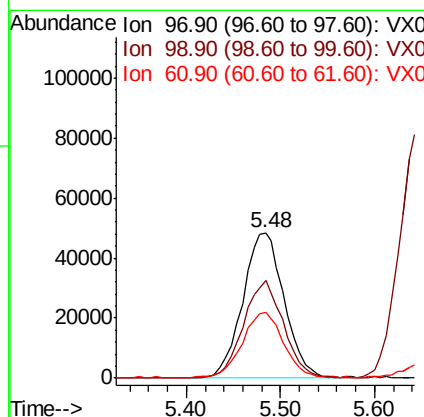
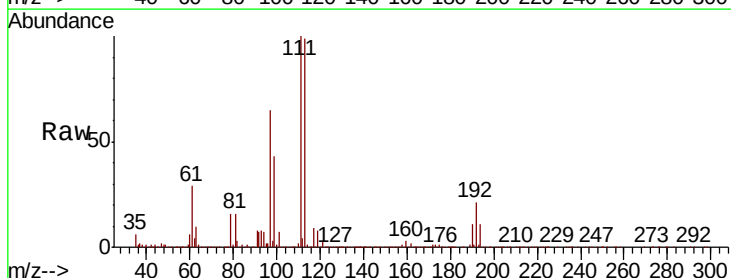
Instrument :
MSVOA_X
ClientSampleId :

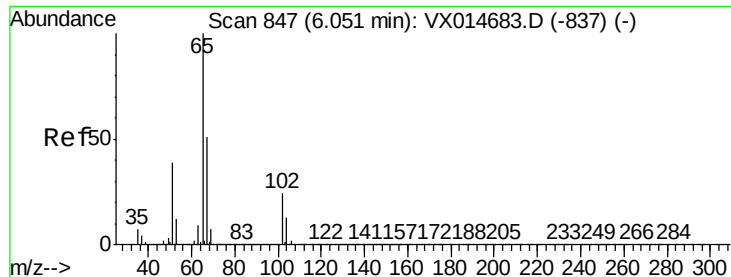
Tot Ion: 56 Resp: 162110
Ion Ratio Lower Upper
56 100
69 29.7 23.4 35.2
84 84.4 68.4 102.6



#32
1,1,1-Trichloroethane
Concen: 19.971 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Tgt Ion: 97 Resp: 147976
Ion Ratio Lower Upper
97 100
99 64.8 52.3 78.5
61 44.4 37.2 55.8

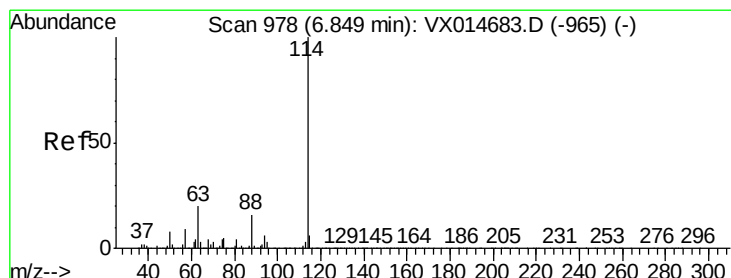
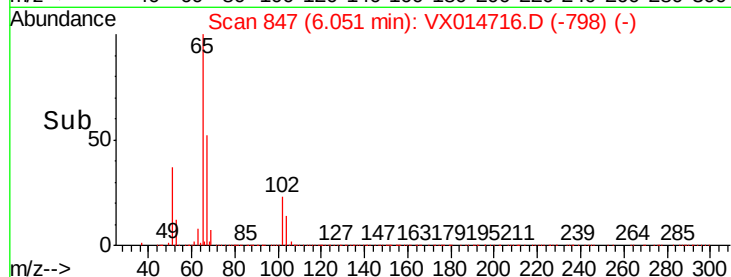
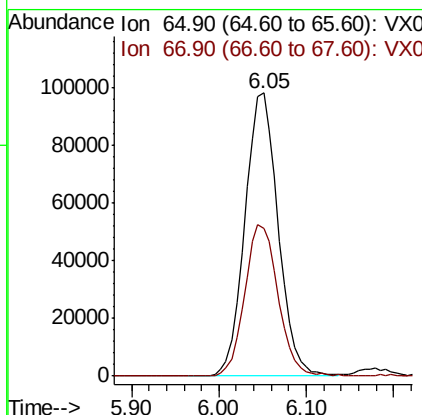
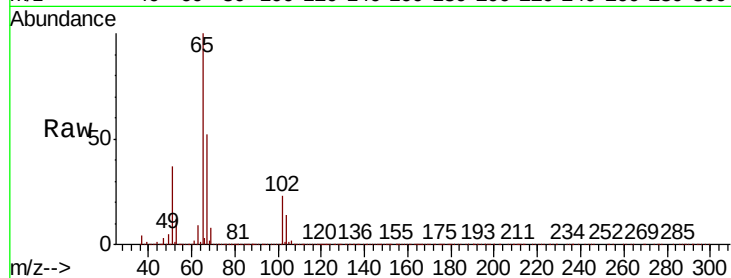




#33
 1,2-Dichloroethane-d4
 Concen: 48.411 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014716.D
 Acq: 27 Jan 2020 11:04

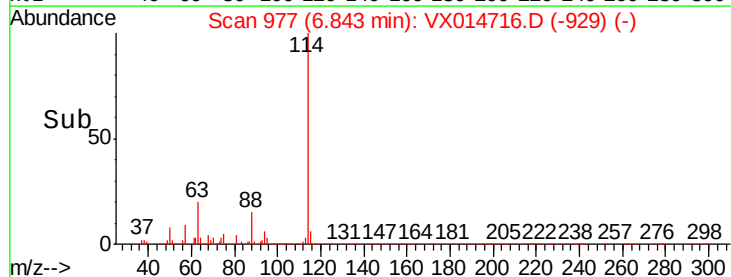
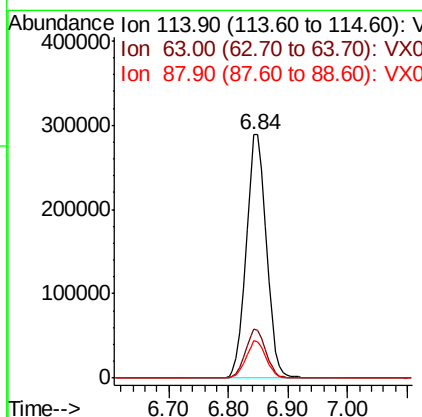
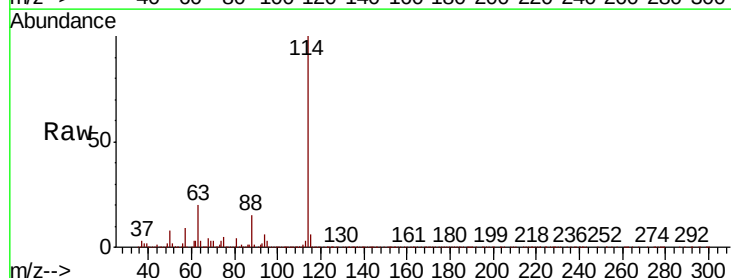
Instrument :
 MSVOA_X
 ClientSampled :

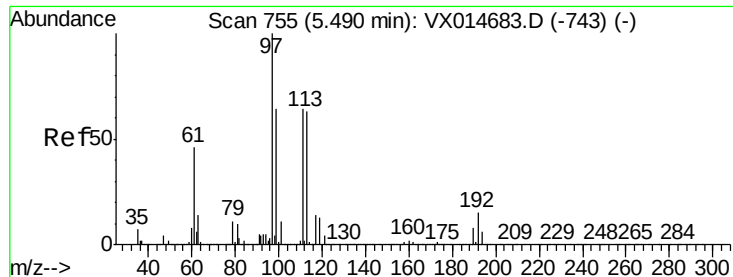
Tot Ion: 65 Resp: 259123
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX014716.D
 Acq: 27 Jan 2020 11:04

Tgt Ion: 114 Resp: 684583
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.6
 88 15.3 0.0 31.2

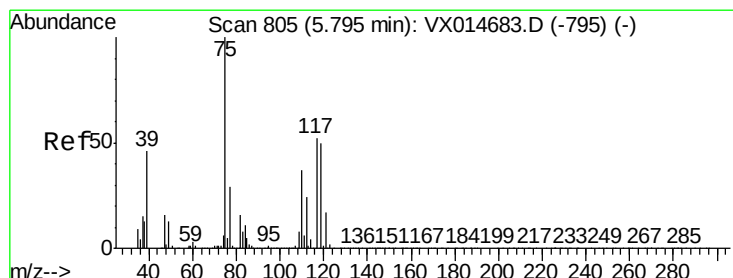
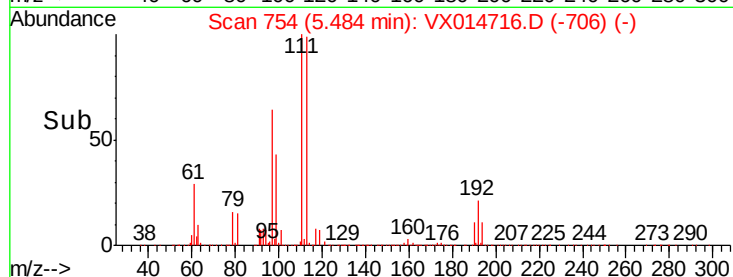
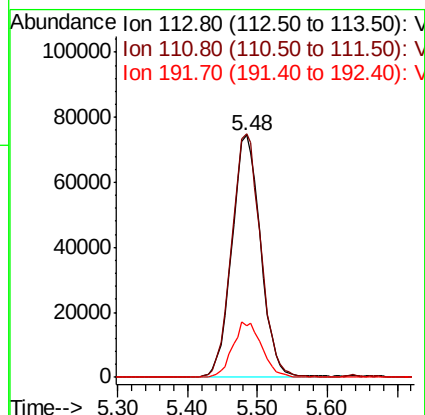
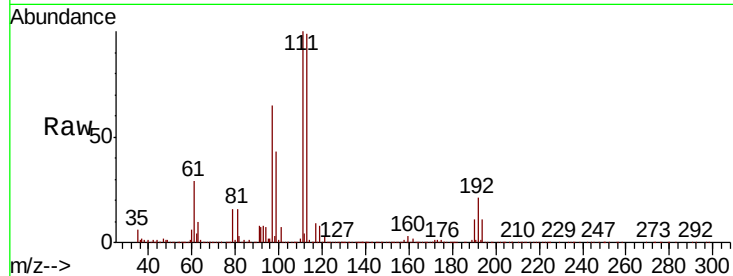




#35
 Dibromofluoromethane
 Concen: 48.973 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014716.D
 Acq: 27 Jan 2020 11:04

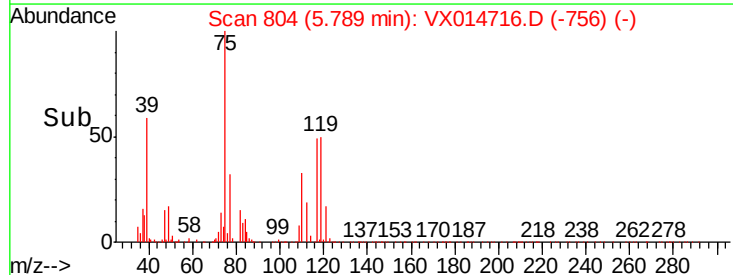
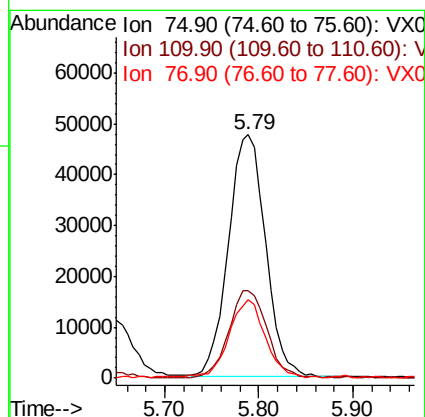
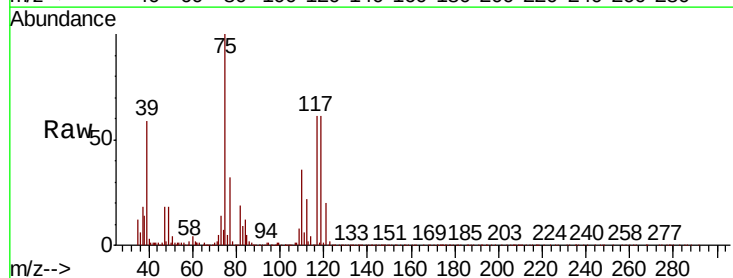
Instrument :
 MSVOA_X
 ClientSampleId :

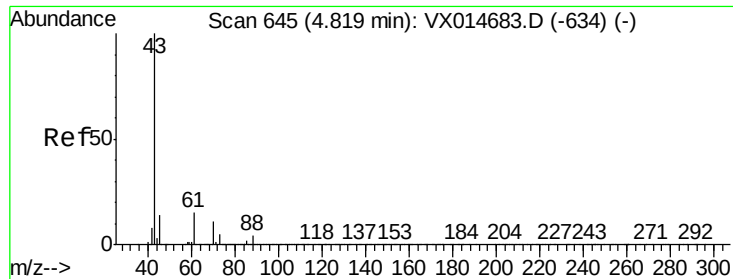
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	80.7	121.1
192	23.5	18.5	27.7



#36
 1,1-Dichloropropene
 Concen: 20.476 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX014716.D
 Acq: 27 Jan 2020 11:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.9	17.9	53.7
77	30.6	24.1	36.1

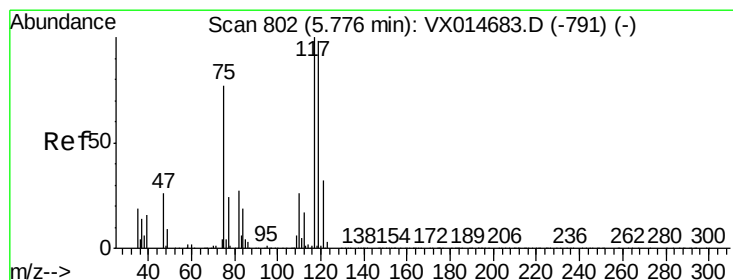
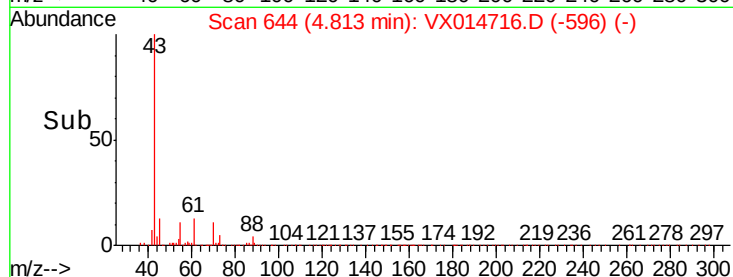
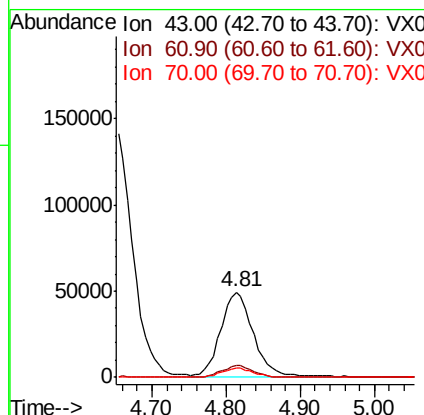
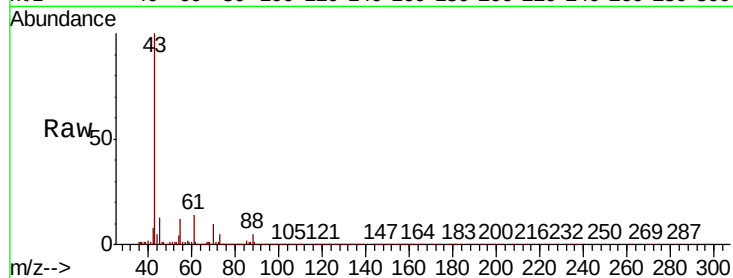




#37
Ethyl Acetate
Concen: 20.289 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

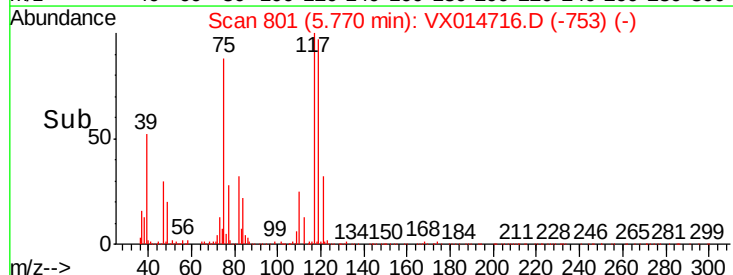
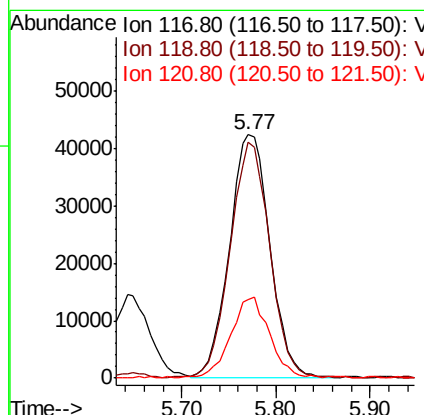
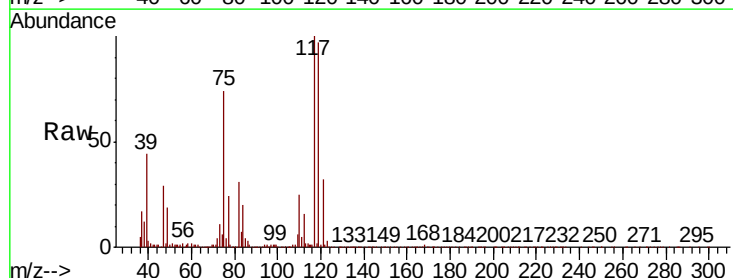
Instrument :
MSVOA_X
ClientSampleId :

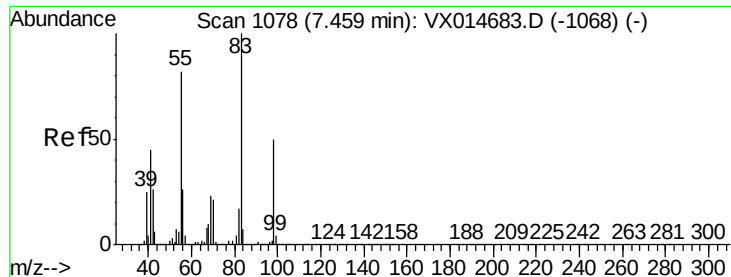
Tot Ion: 43 Resp: 147816
Ion Ratio Lower Upper
43 100
61 12.7 11.0 16.4
70 10.6 8.5 12.7



#38
Carbon Tetrachloride
Concen: 20.795 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Tgt Ion: 117 Resp: 126330
Ion Ratio Lower Upper
117 100
119 97.1 77.9 116.9
121 31.6 25.4 38.2

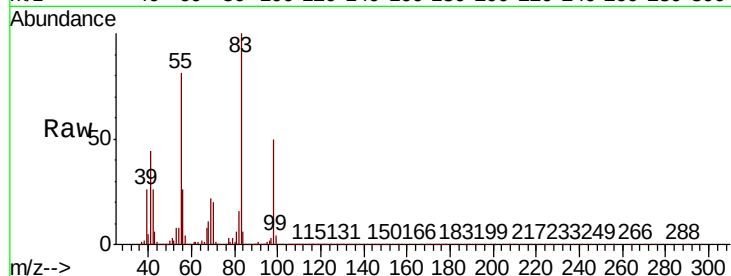




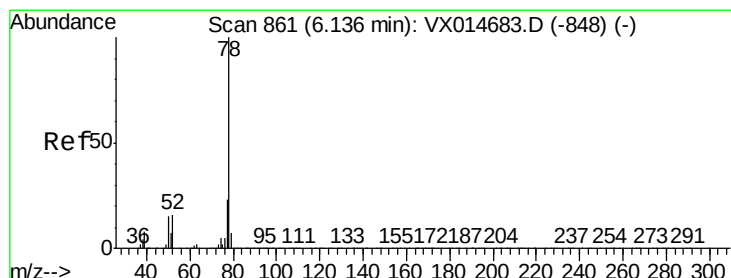
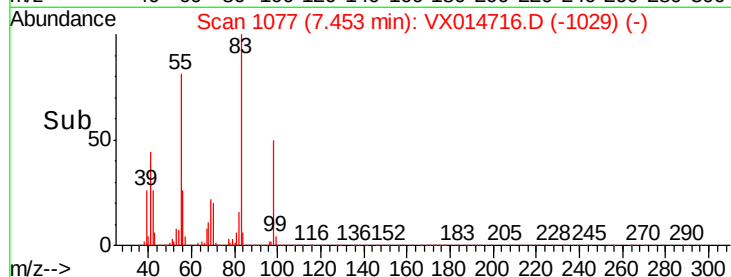
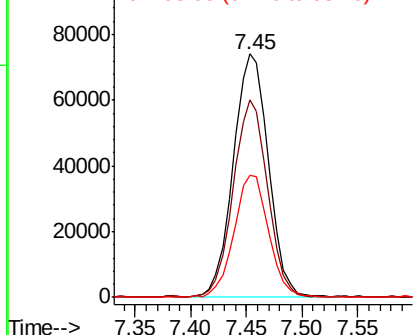
#39
Methylvlcyclohexane
Concen: 20.198 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.9	65.6	98.4
98	50.2	40.2	60.4

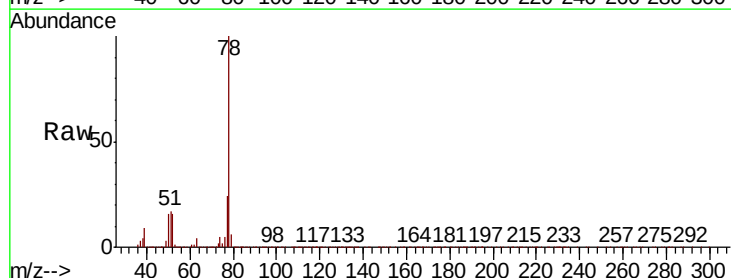


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

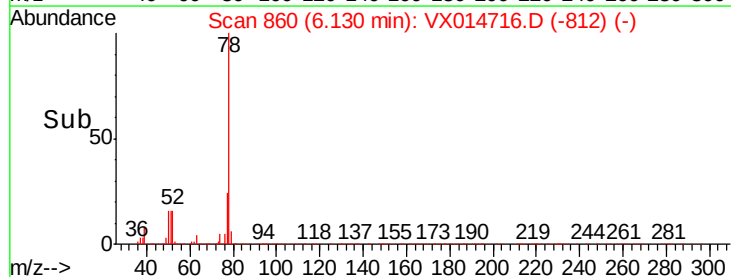
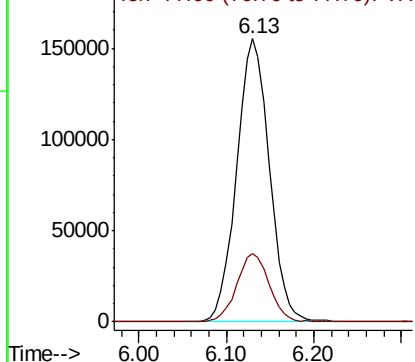


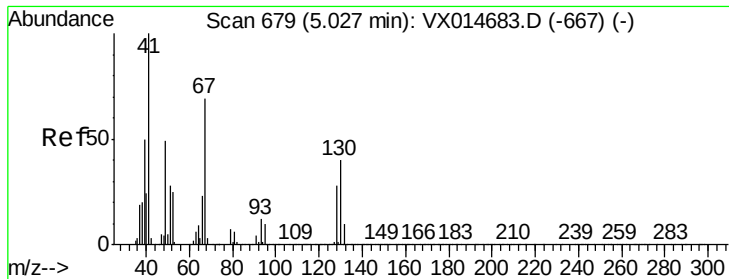
#40
Benzene
Concen: 20.464 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.7	28.1



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

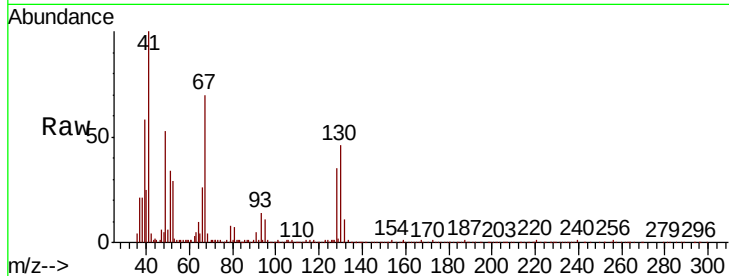




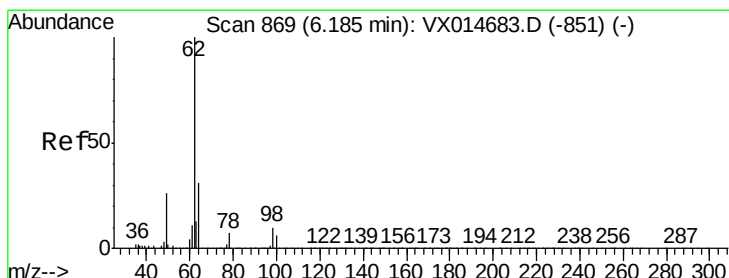
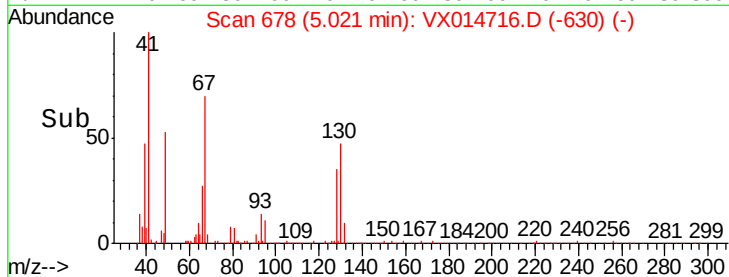
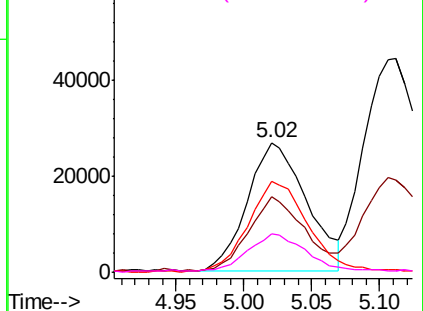
#41
Methacrylonitrile
Concen: 19.400 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	81285
Ion	Ratio	Lower	Upper
41	100		
39	53.9	42.2	63.2
67	70.7	55.4	83.0
52	28.2	22.1	33.1

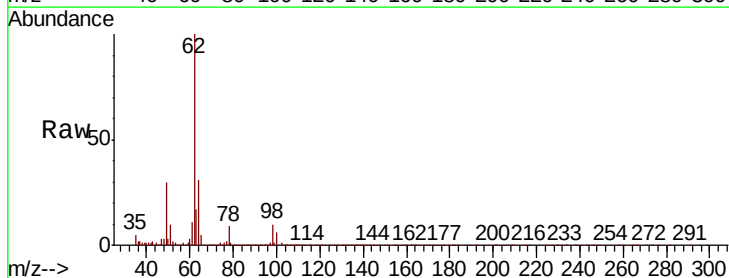


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

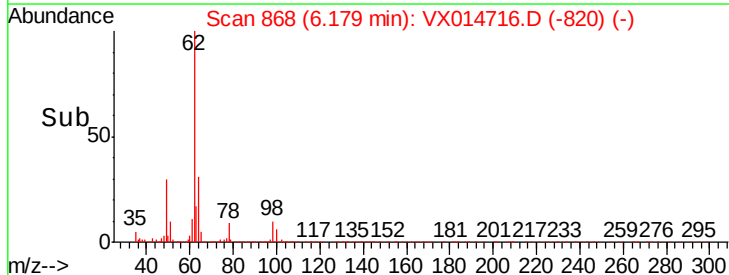
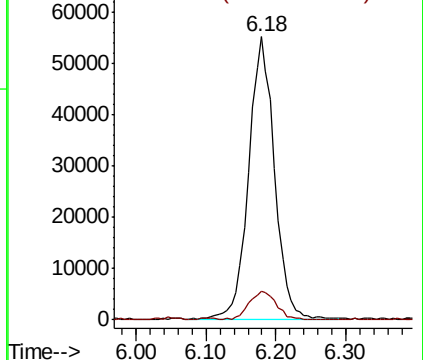


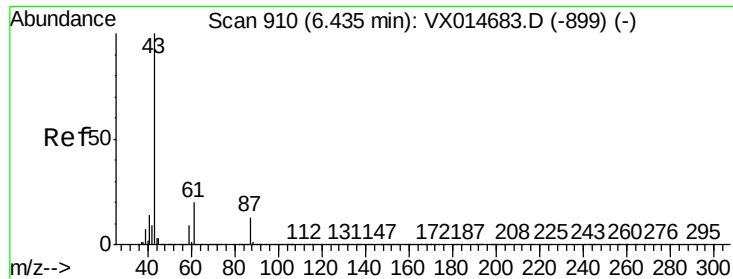
#42
1,2-Dichloroethane
Concen: 21.014 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Tgt Ion:	62	Resp:	142624
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.0



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





#43

Isopropyl Acetate

Concen: 19.751 ug/l

RT: 6.43 min Scan# 909

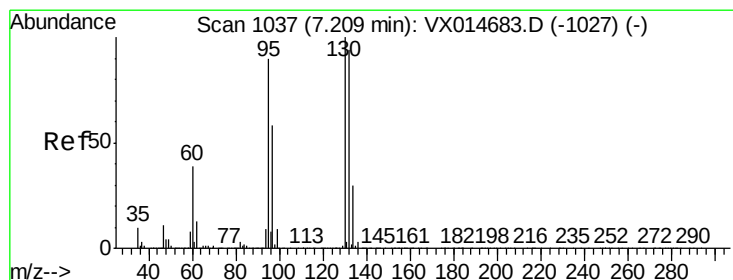
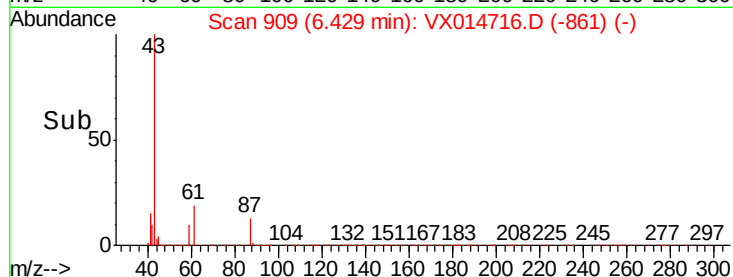
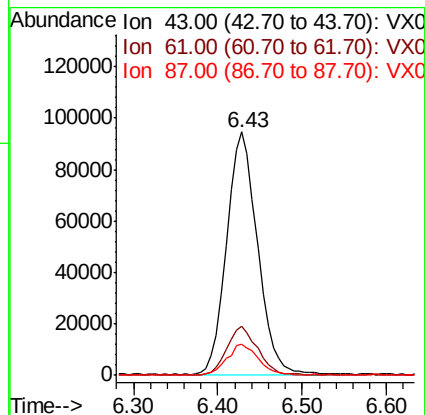
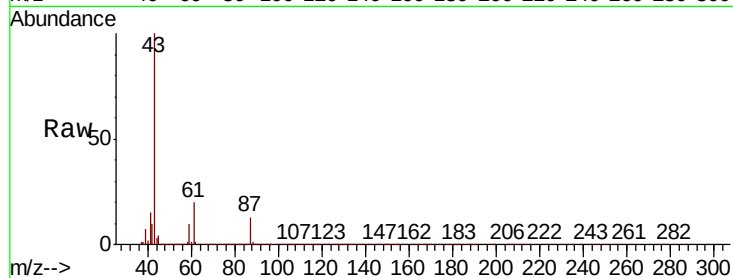
Delta R.T. -0.01 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	43	Resp:	235642
Ion	Ratio	Lower	Upper
43	100		
61	19.7	16.2	24.4
87	13.2	10.5	15.7



#44

Trichloroethene

Concen: 19.681 ug/l

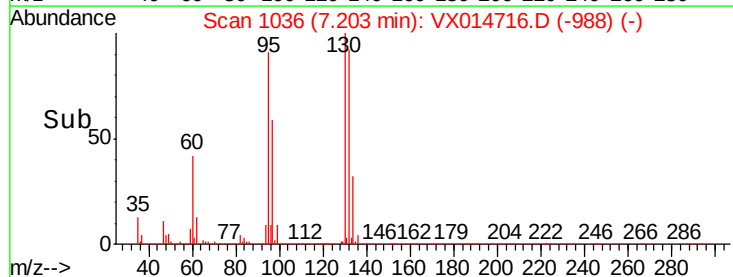
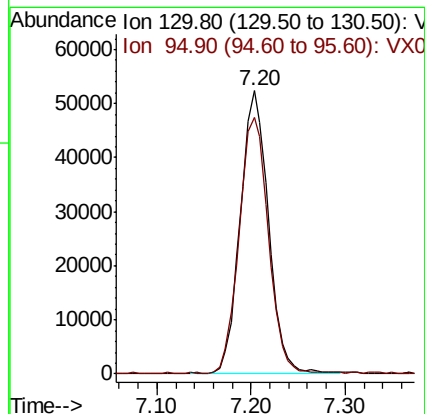
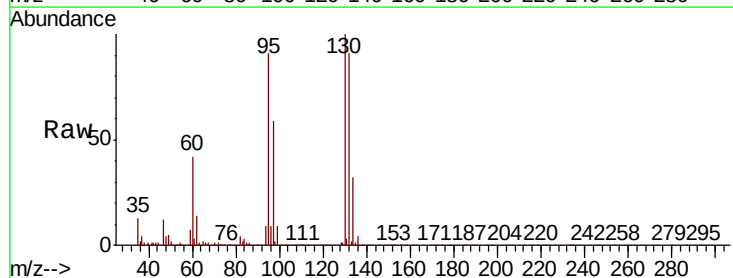
RT: 7.20 min Scan# 1036

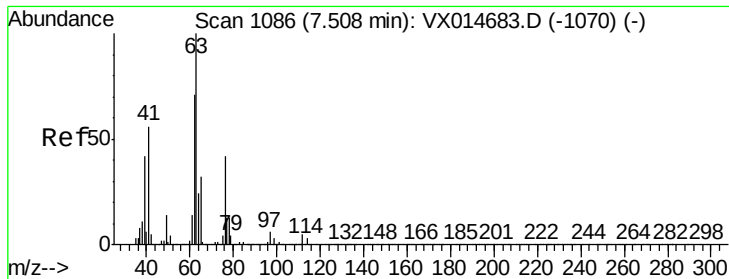
Delta R.T. -0.01 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Tgt Ion:	130	Resp:	109265
Ion	Ratio	Lower	Upper
130	100		
95	90.5	0.0	179.8

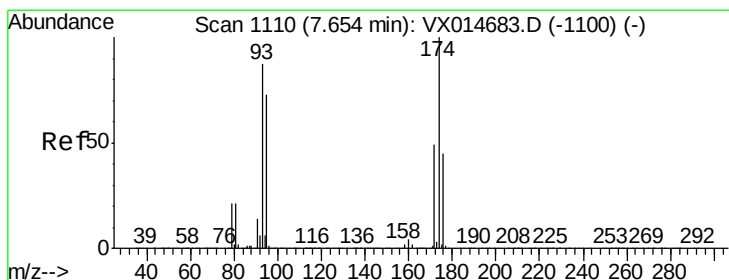
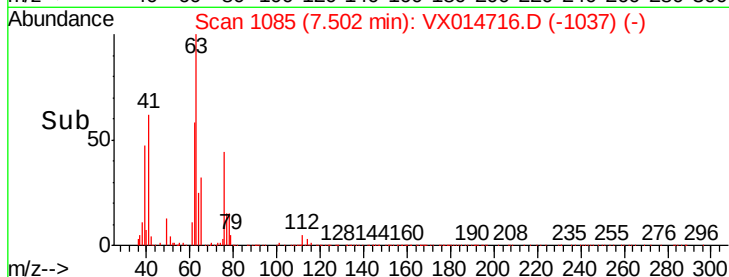
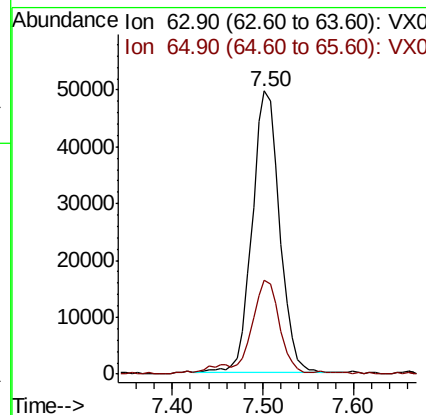
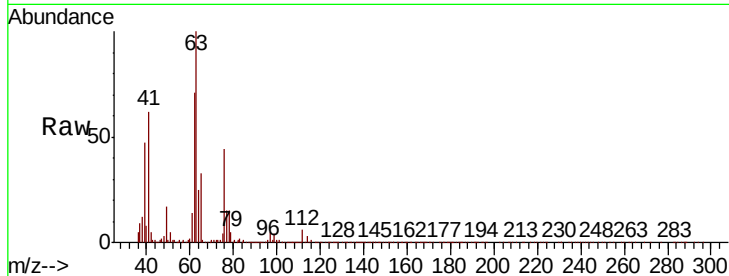




#45
 1,2-Dichloropropane
 Concen: 20.491 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014716.D
 Acq: 27 Jan 2020 11:04

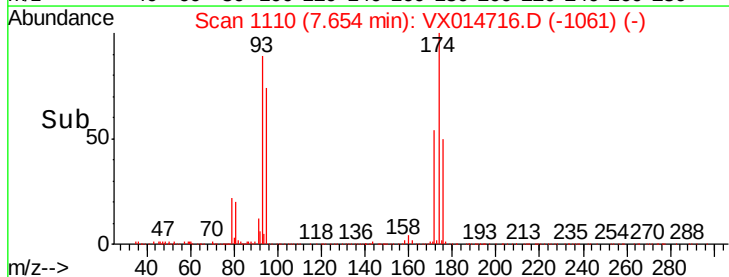
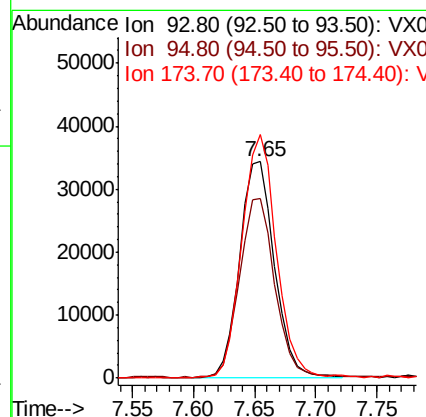
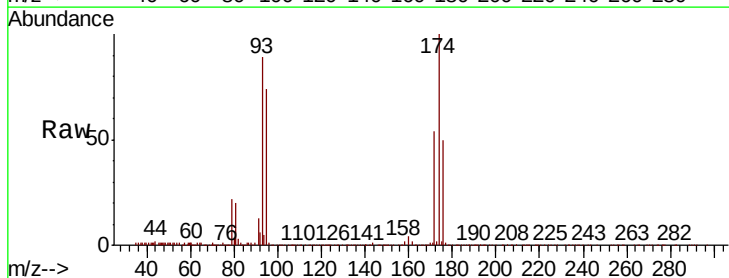
Instrument :
 MSVOA_X
 ClientSampled :

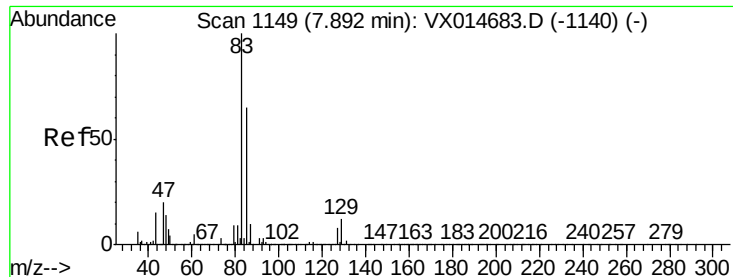
Tot Ion: 63 Resp: 103758
 Ion Ratio Lower Upper
 63 100
 65 32.9 25.2 37.8



#46
 Dibromomethane
 Concen: 20.587 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014716.D
 Acq: 27 Jan 2020 11:04

Tgt Ion: 93 Resp: 67512
 Ion Ratio Lower Upper
 93 100
 95 83.8 67.0 100.4
 174 112.0 90.2 135.2





#47

Bromodichloromethane

Concen: 20.610 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :

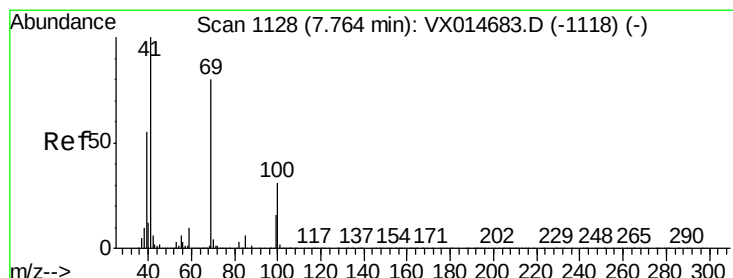
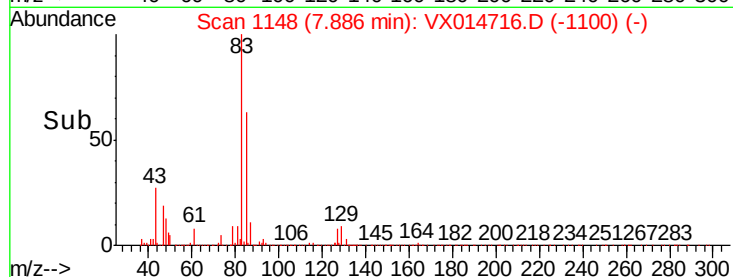
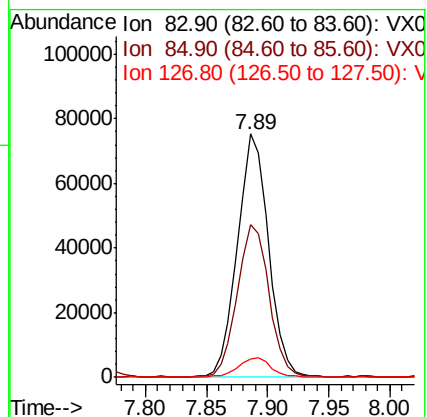
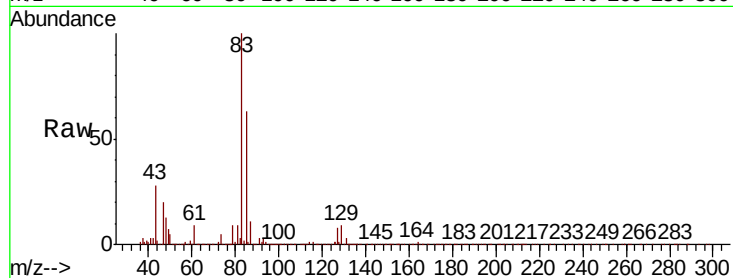
Tot Ion: 83 Resp: 132560

Ion Ratio Lower Upper

83 100

85 62.7 52.2 78.2

127 7.5 6.4 9.6



#48

Methyl methacrylate

Concen: 20.423 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

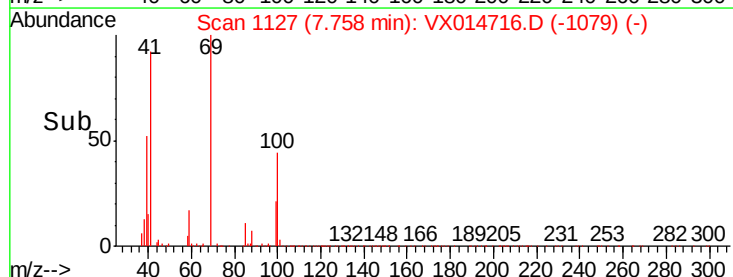
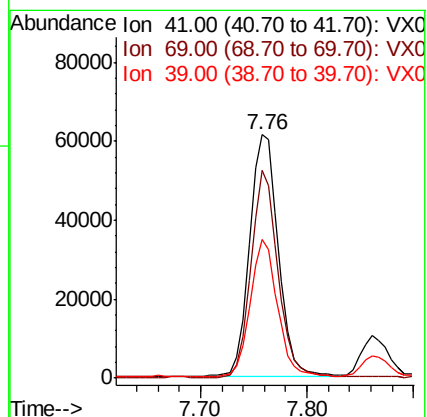
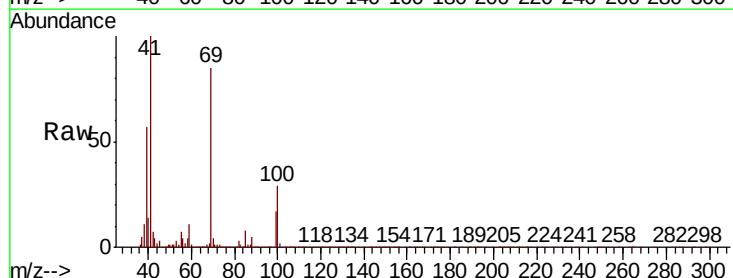
Tgt Ion: 41 Resp: 116419

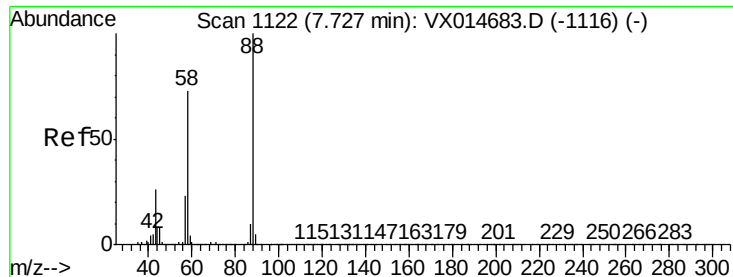
Ion Ratio Lower Upper

41 100

69 80.3 63.5 95.3

39 54.1 43.7 65.5

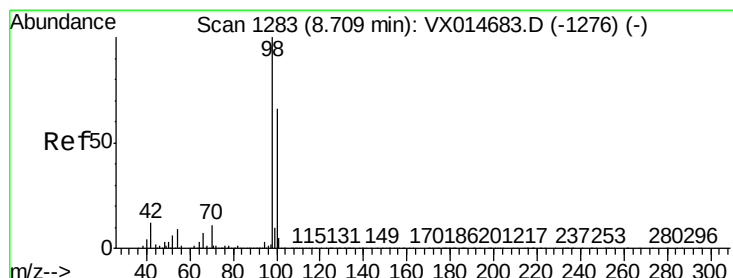
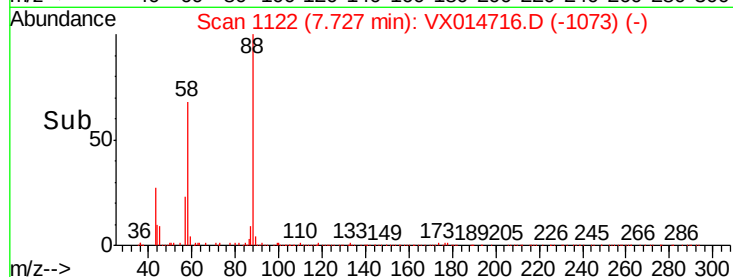
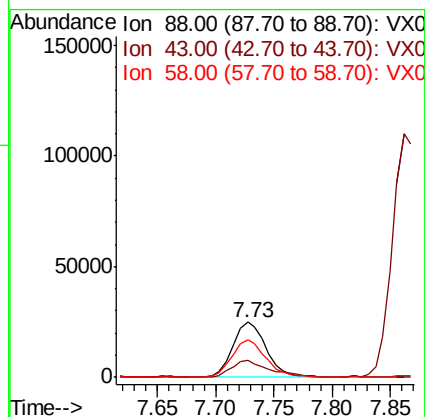
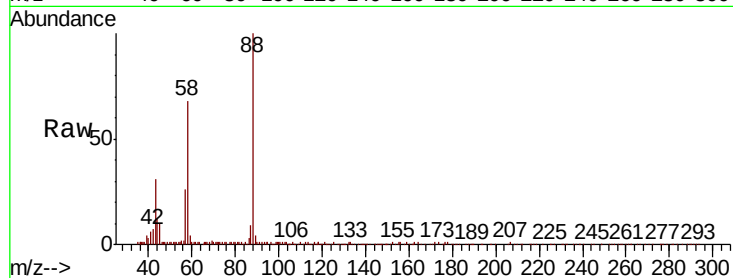




#49
1,4-Dioxane
Concen: 401.923 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

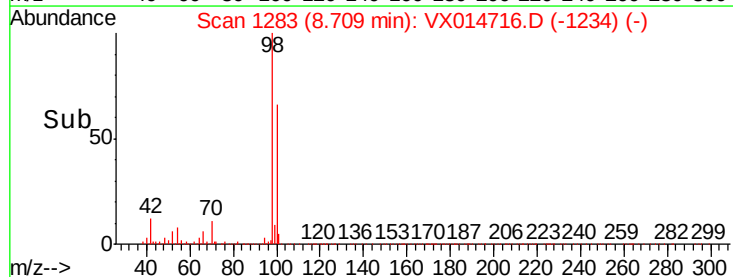
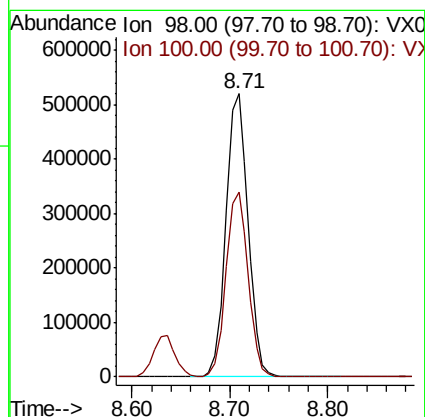
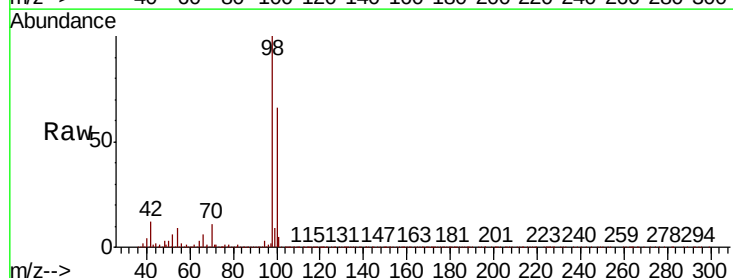
Instrument :
MSVOA_X
ClientSampled :

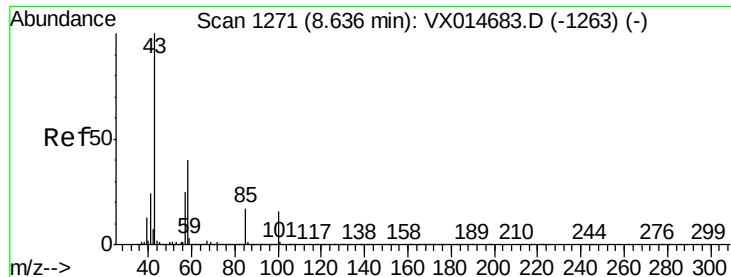
Tot Ion: 88 Resp: 48566
Ion Ratio Lower Upper
88 100
43 34.2 26.2 39.2
58 69.9 56.6 85.0



#50
Toluene-d8
Concen: 48.824 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Tgt Ion: 98 Resp: 810799
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 99.440 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :

MSVOA_X

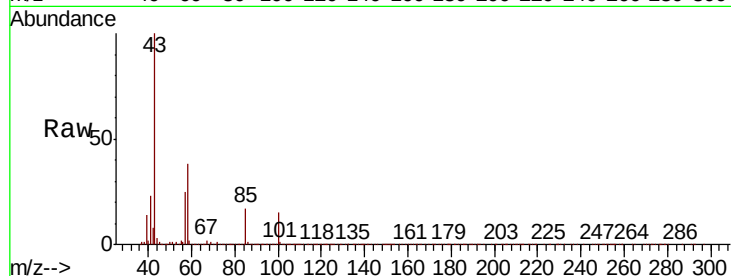
ClientSampled :

Tot Ion: 43 Resp: 748783

Ion Ratio Lower Upper

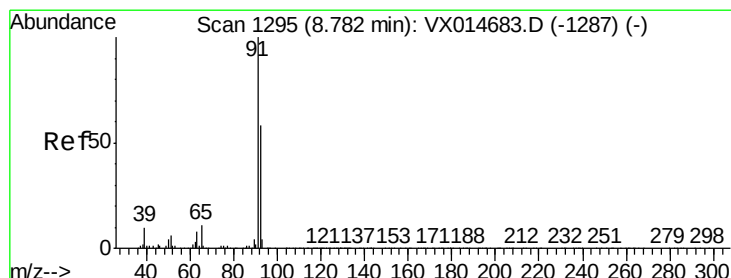
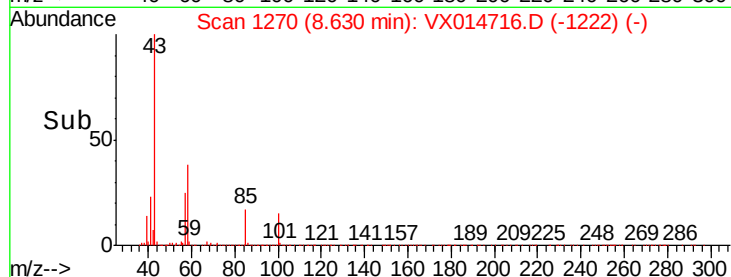
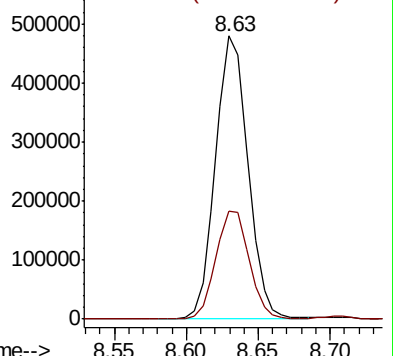
43 100

58 39.3 31.6 47.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.897 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014716.D

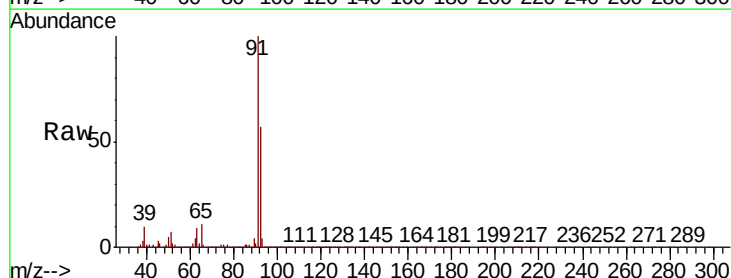
Acq: 27 Jan 2020 11:04

Tgt Ion: 92 Resp: 252479

Ion Ratio Lower Upper

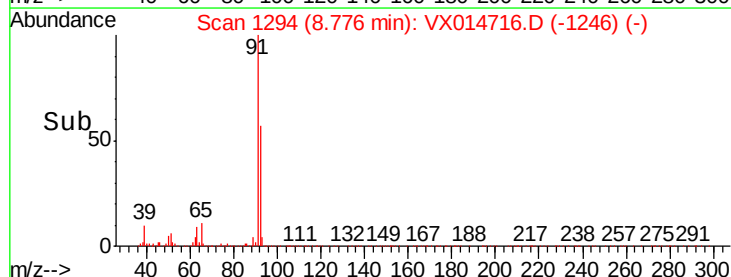
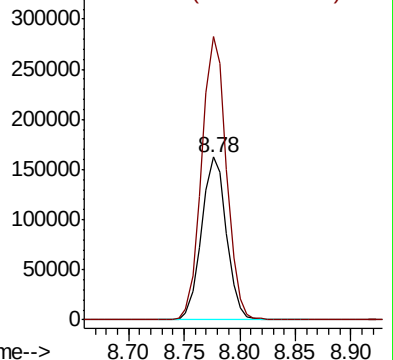
92 100

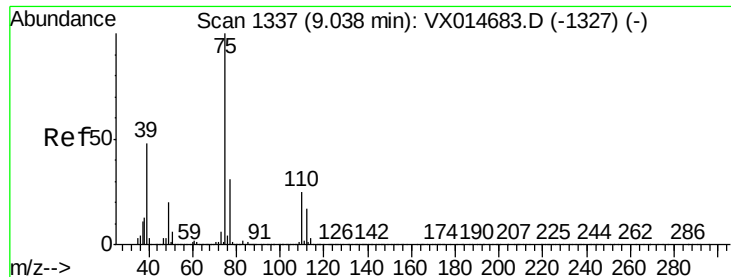
91 172.7 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 20.692 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :

MSVOA_X

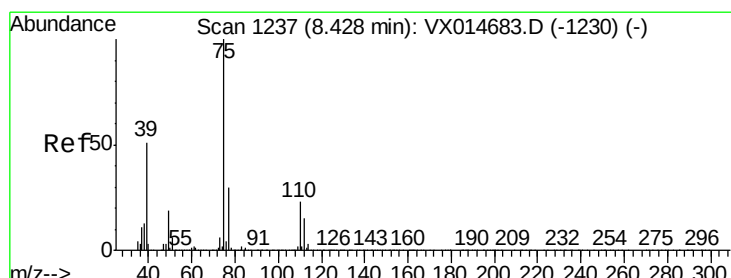
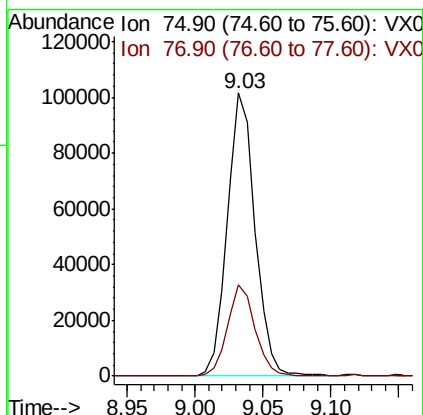
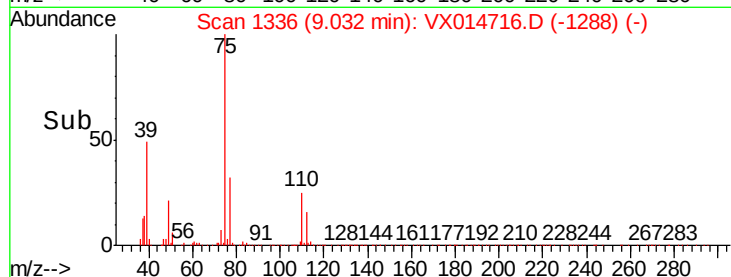
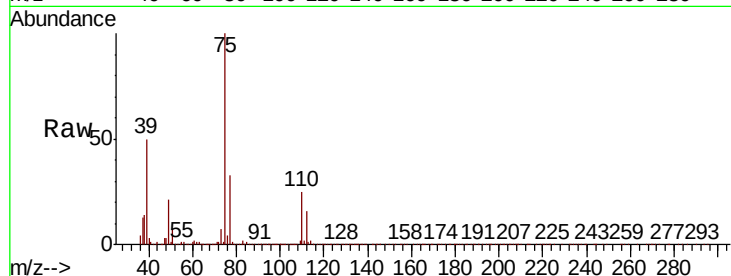
ClientSampleId :

Tot Ion: 75 Resp: 143303

Ion Ratio Lower Upper

75 100

77 32.2 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 21.582 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

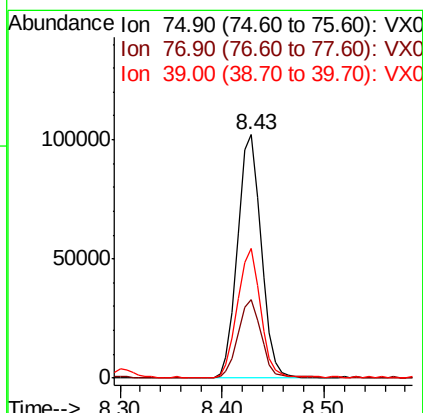
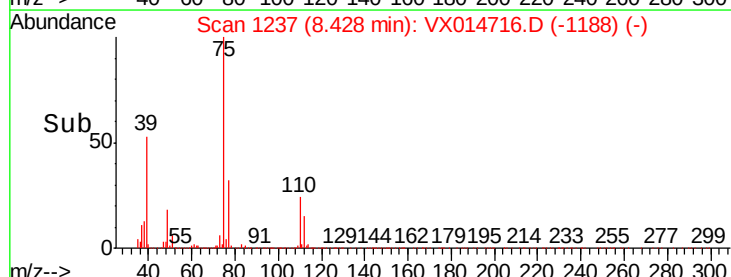
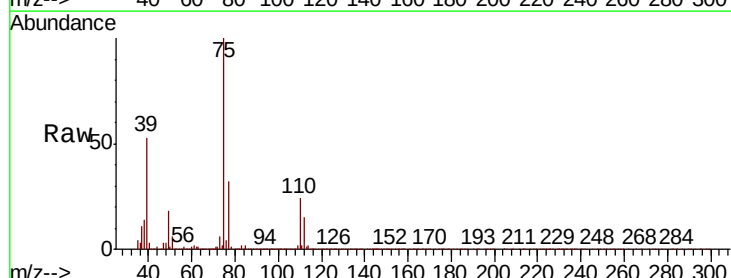
Tgt Ion: 75 Resp: 164431

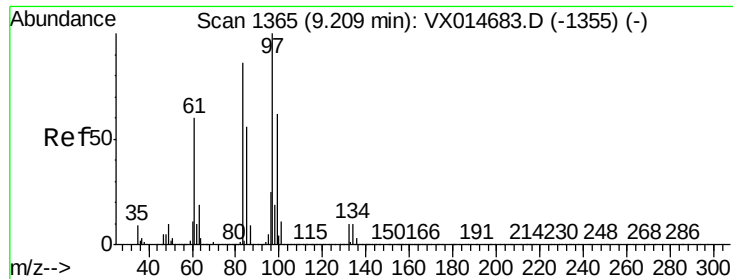
Ion Ratio Lower Upper

75 100

77 32.0 23.9 35.9

39 53.2 40.9 61.3

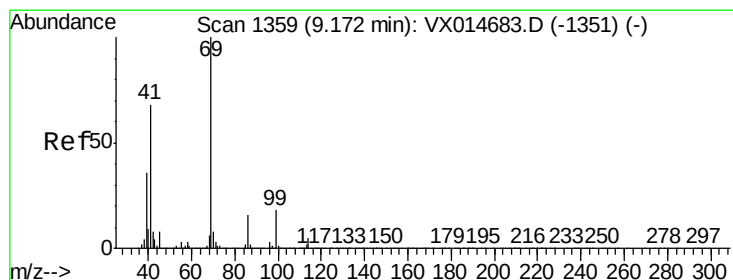
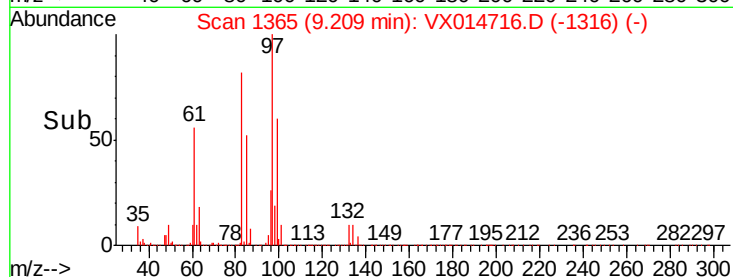
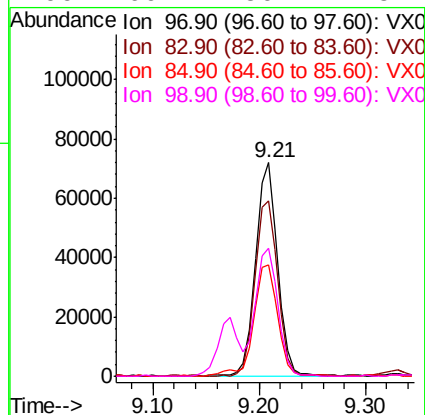
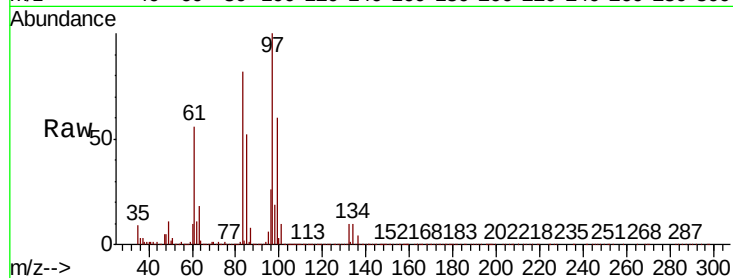




#55
 1,1,2-Trichloroethane
 Concen: 20.918 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014716.D
 Acq: 27 Jan 2020 11:04

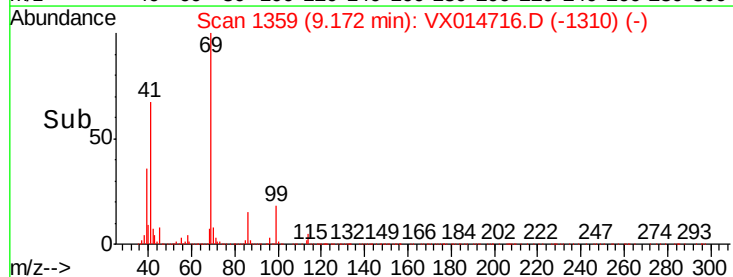
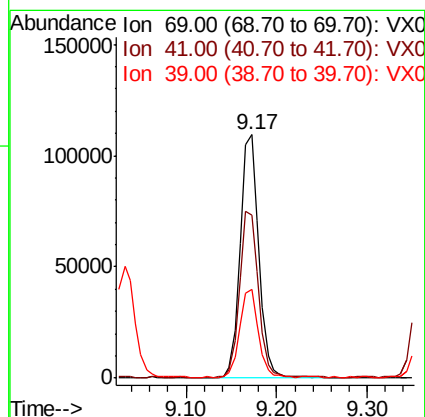
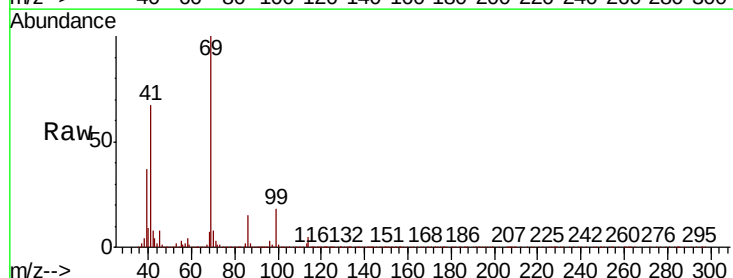
Instrument :
 MSVOA_X
 ClientSampleId :

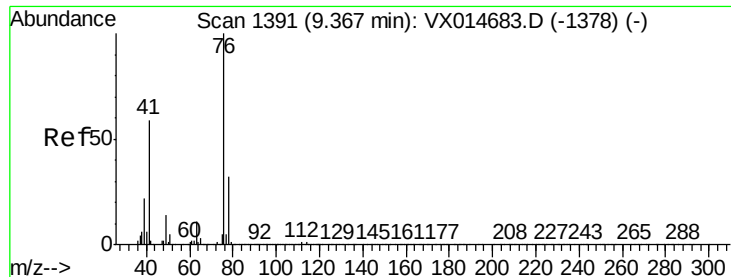
Tot Ion:	97	Resp:	103473
Ion	Ratio	Lower	Upper
97	100		
83	82.3	69.2	103.8
85	52.0	44.6	67.0
99	60.1	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 19.573 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014716.D
 Acq: 27 Jan 2020 11:04

Tgt Ion:	69	Resp:	154696
Ion	Ratio	Lower	Upper
69	100		
41	69.2	54.9	82.3
39	36.2	29.3	43.9

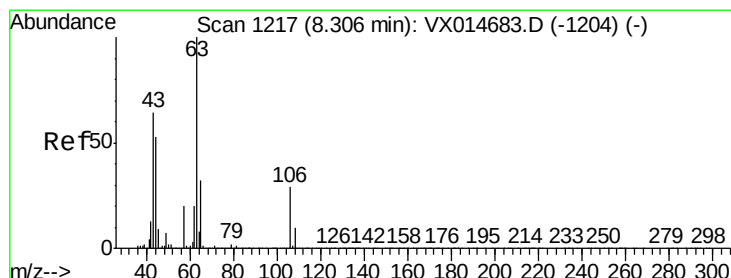
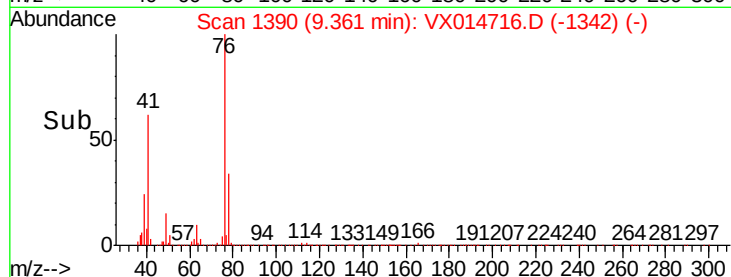
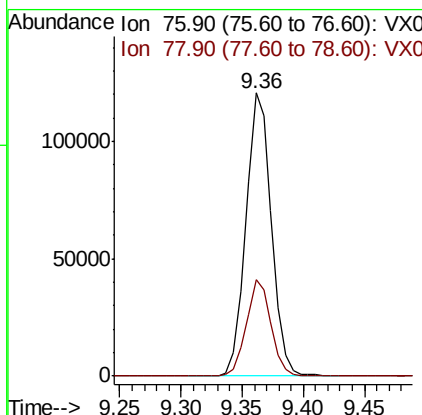
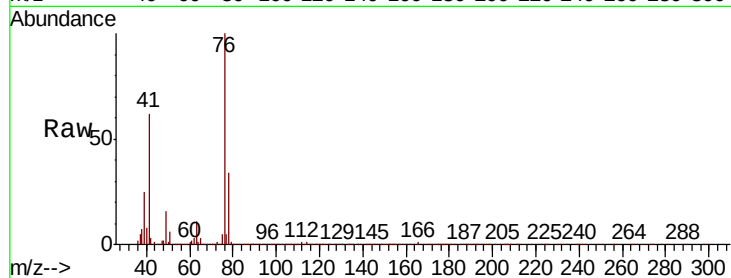




#57
 1,3-Dichloropropane
 Concen: 20.563 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX014716.D
 Acq: 27 Jan 2020 11:04

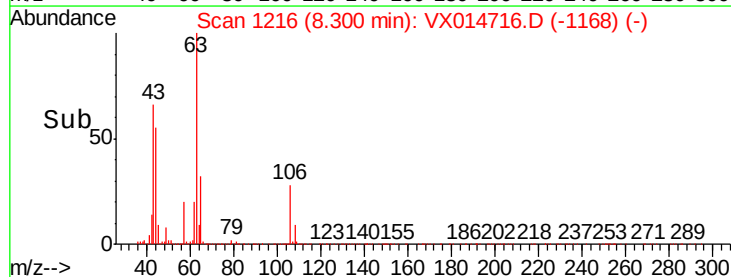
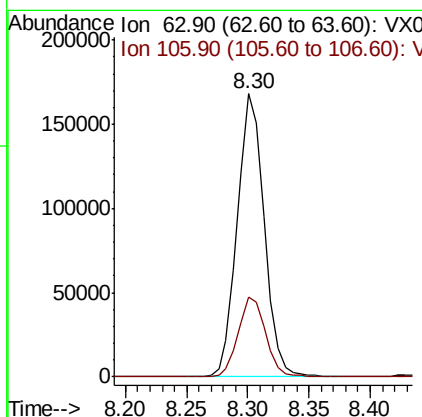
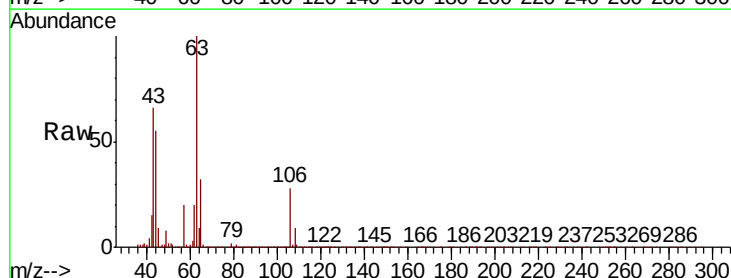
Instrument :
 MSVOA_X
 ClientSampleId :

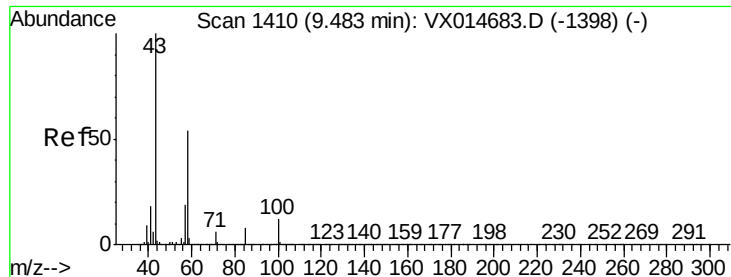
Tot Ion: 76 Resp: 173880
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.019 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX014716.D
 Acq: 27 Jan 2020 11:04

Tgt Ion: 63 Resp: 256277
 Ion Ratio Lower Upper
 63 100
 106 28.4 22.7 34.1

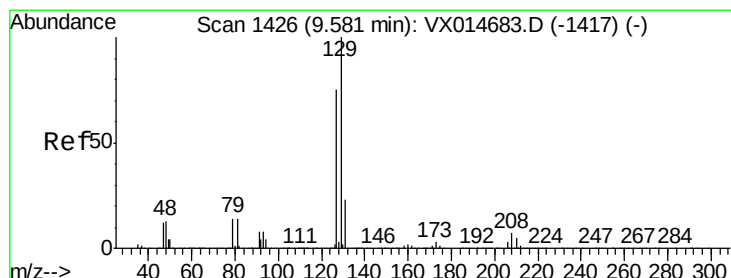
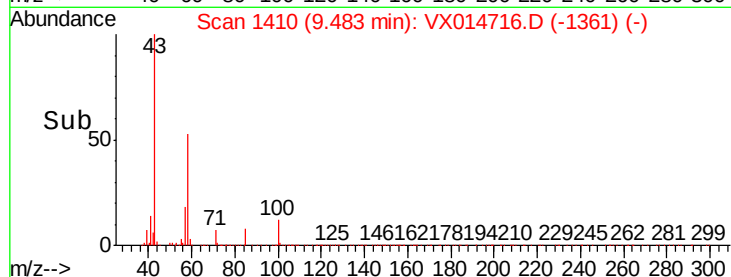
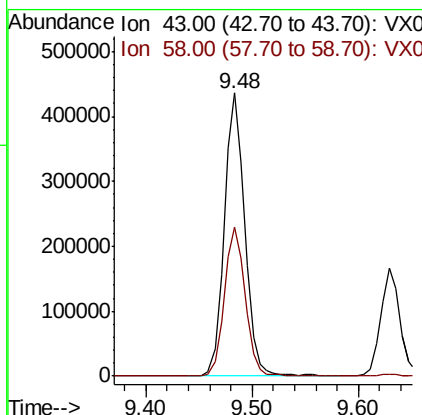
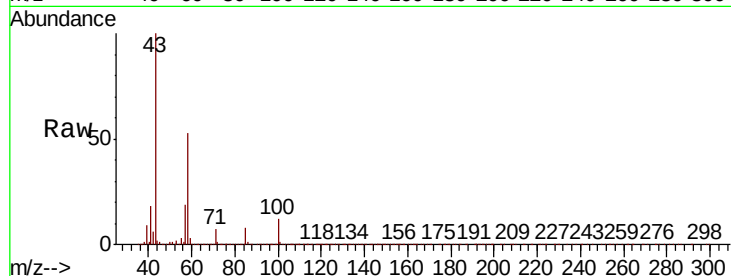




#59
2-Hexanone
Concen: 100.023 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

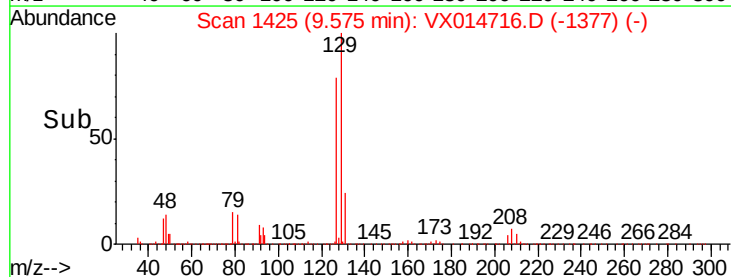
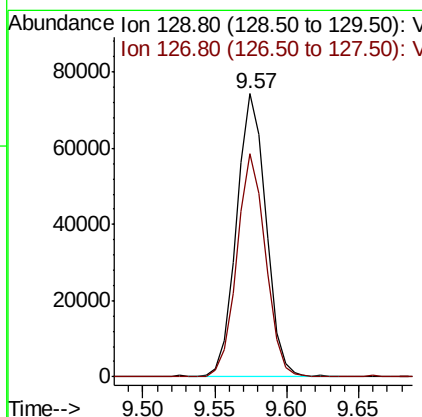
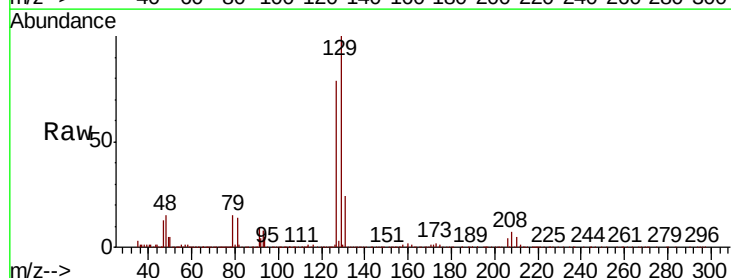
Instrument :
MSVOA_X
ClientSampleId :

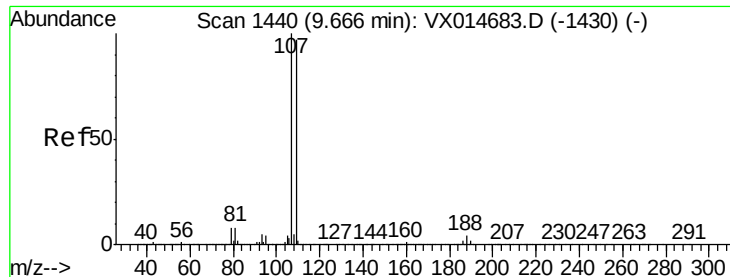
Tot Ion: 43 Resp: 584450
Ion Ratio Lower Upper
43 100
58 53.7 27.2 81.5



#60
Dibromochloromethane
Concen: 20.460 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Tgt Ion: 129 Resp: 105640
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.643 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :

MSVOA_X

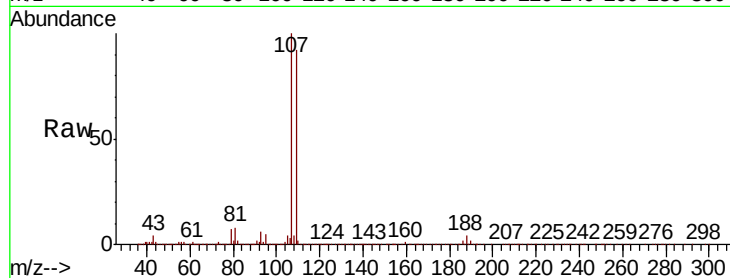
ClientSampleId :

Tot Ion:107 Resp: 107965

Ion Ratio Lower Upper

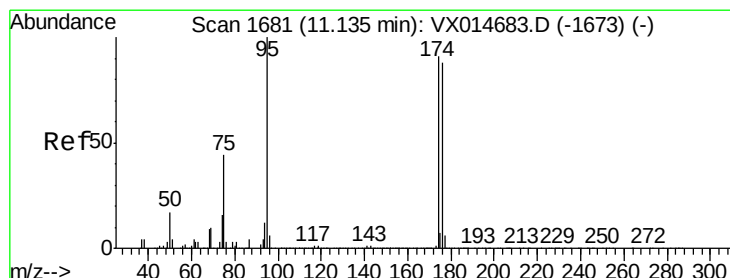
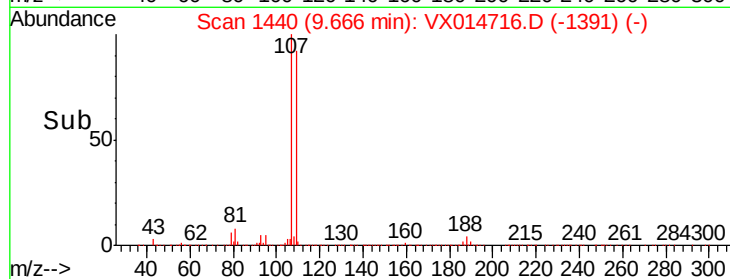
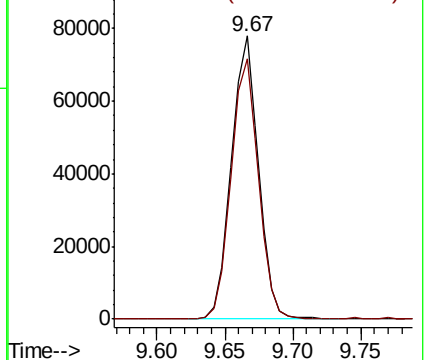
107 100

109 92.4 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: 47.482 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

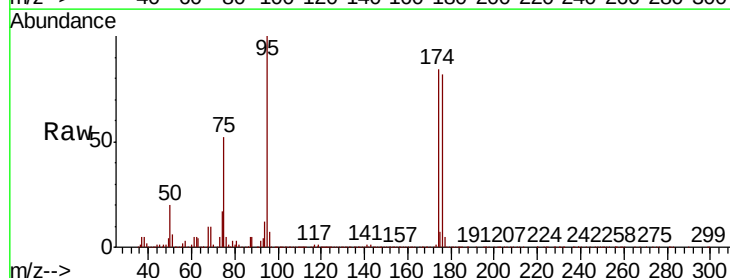
Tgt Ion: 95 Resp: 280887

Ion Ratio Lower Upper

95 100

174 89.1 0.0 176.0

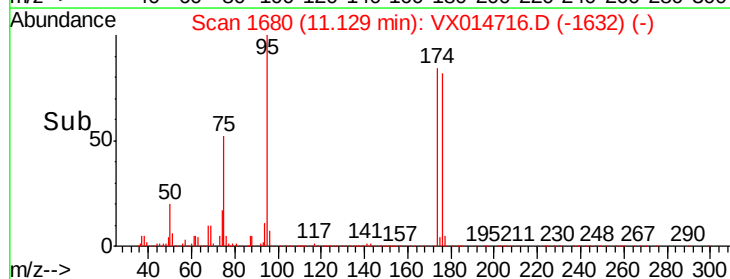
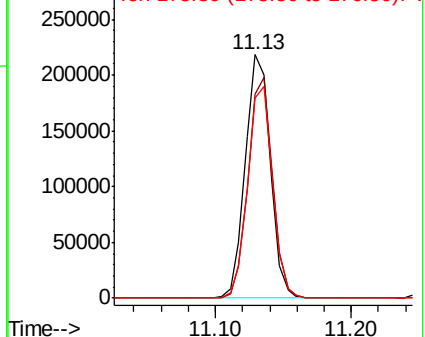
176 86.7 0.0 172.2

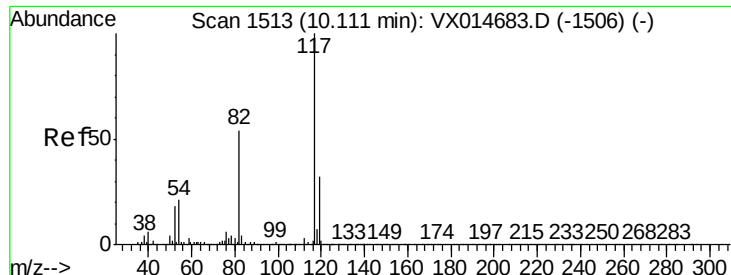


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

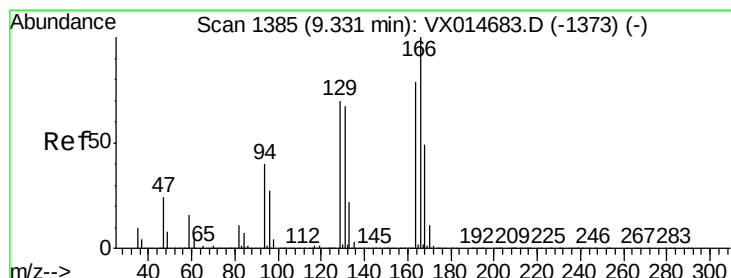
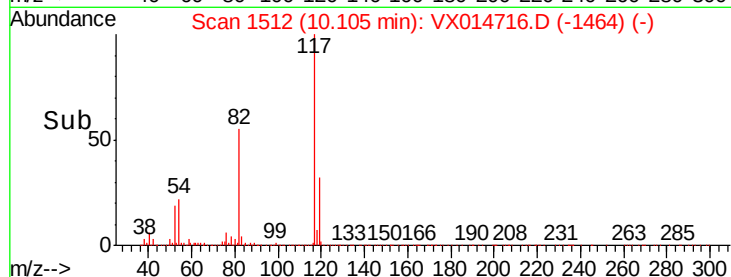
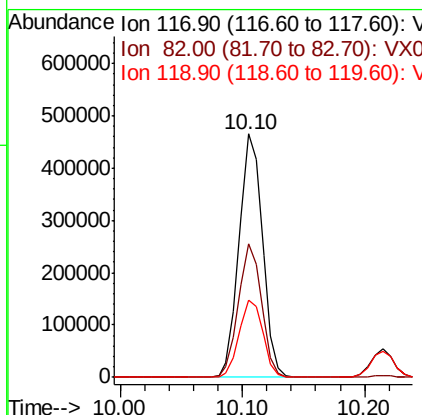
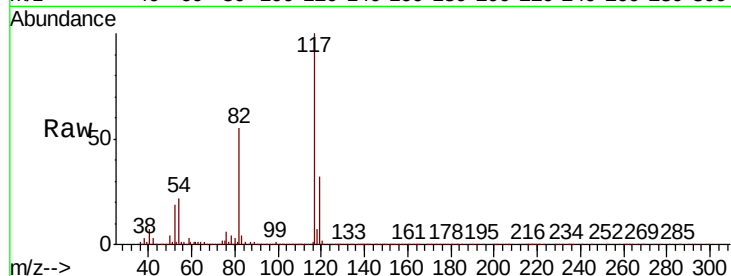




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

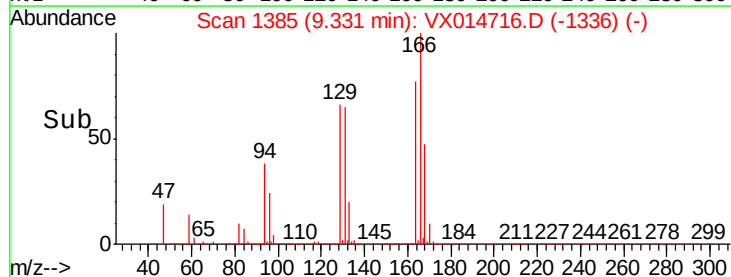
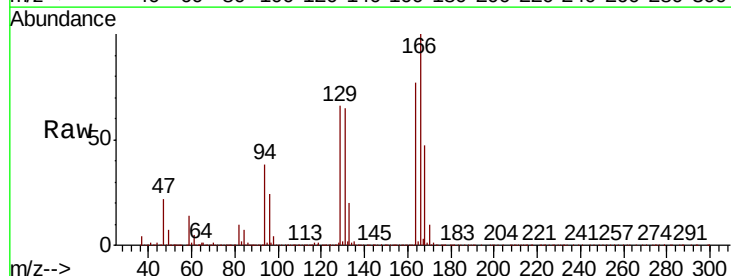
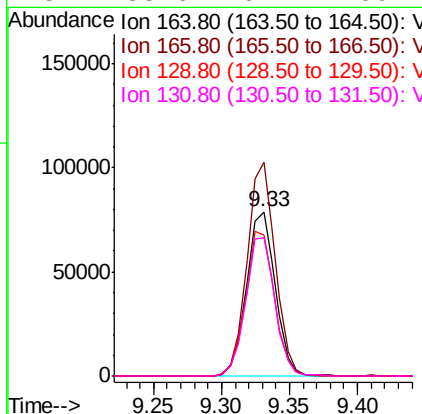
Instrument :
MSVOA_X
ClientSampled :

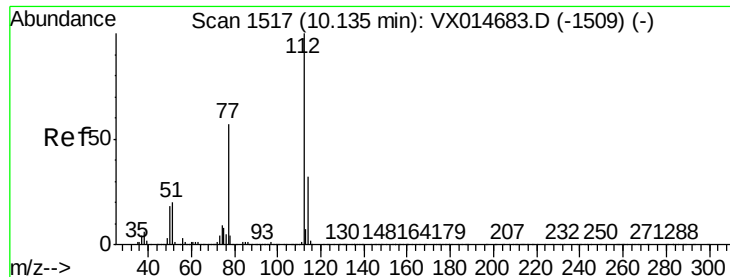
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	43.2	64.8
119	31.8	25.8	38.6



#64
Tetrachloroethene
Concen: 19.091 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.7	100.9	151.3
129	85.4	71.0	106.6
131	83.6	67.1	100.7





#65

Chlorobenzene

Concen: 20.370 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :

MSVOA_X

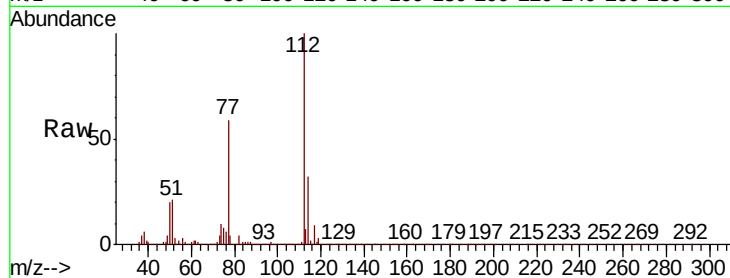
ClientSampled :

Tot Ion:112 Resp: 269943

Ion Ratio Lower Upper

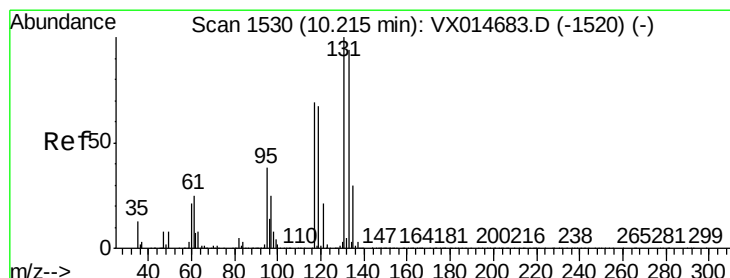
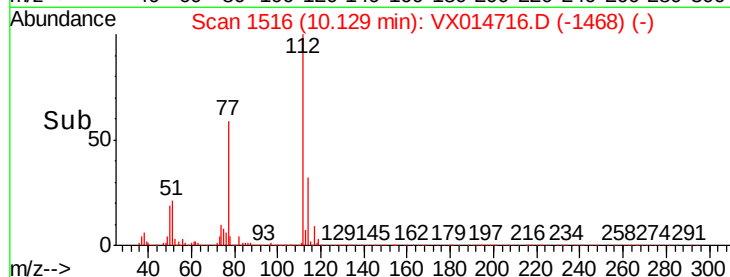
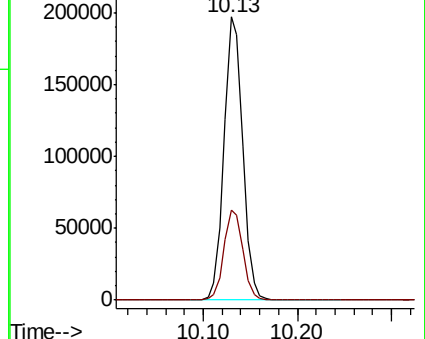
112 100

114 31.8 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.265 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

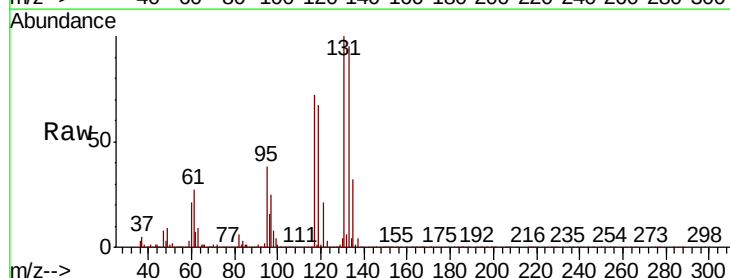
Tgt Ion:131 Resp: 99015

Ion Ratio Lower Upper

131 100

133 96.1 47.4 142.3

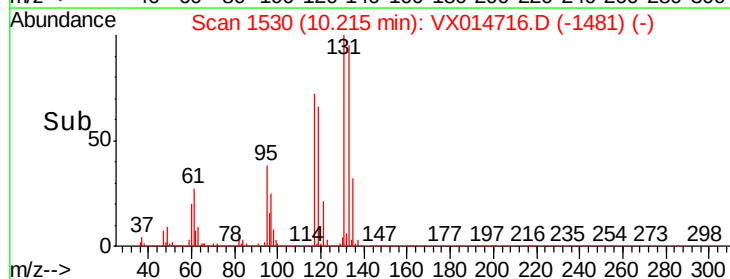
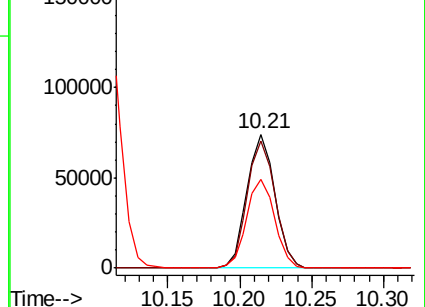
119 67.2 33.3 99.8

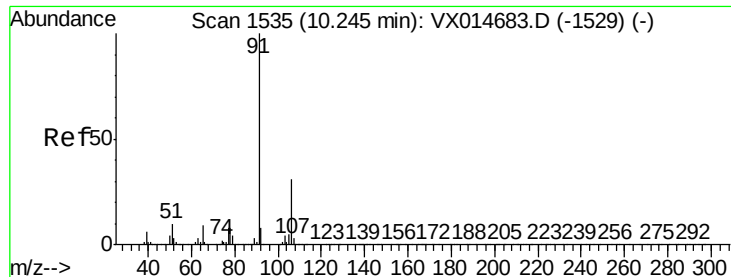


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.719 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :

MSVOA_X

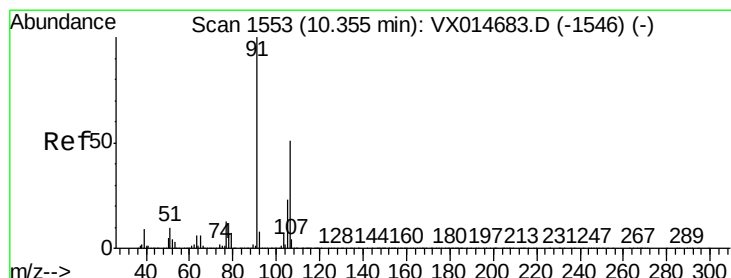
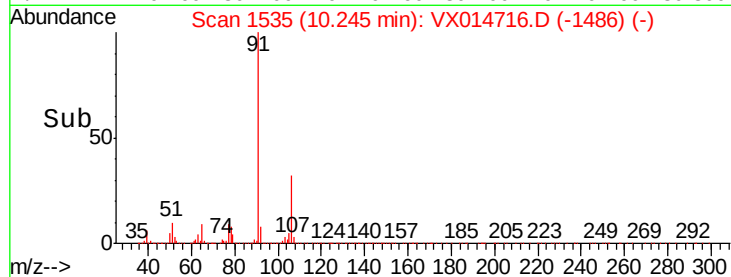
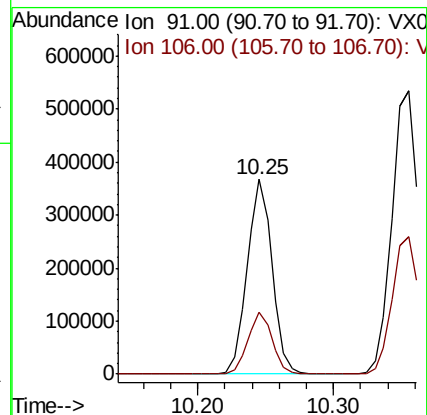
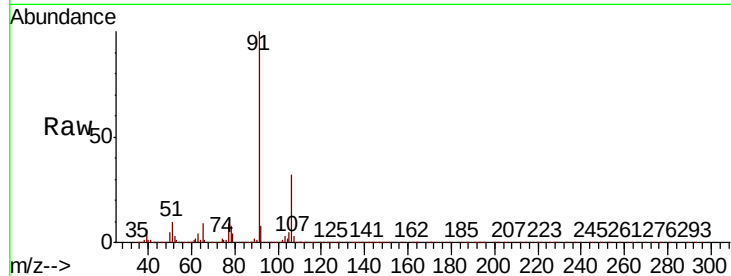
ClientSampled :

Tot Ion: 91 Resp: 468830

Ion Ratio Lower Upper

91 100

106 31.7 24.9 37.3



#68

m/p-Xylenes

Concen: 41.937 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014716.D

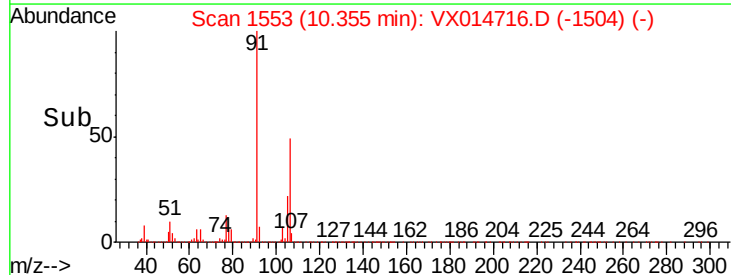
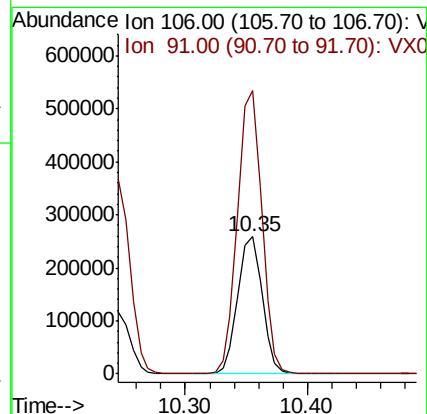
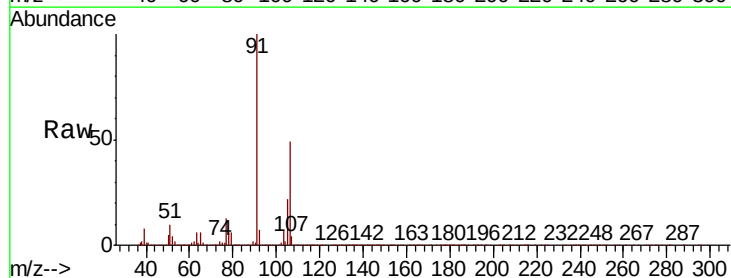
Acq: 27 Jan 2020 11:04

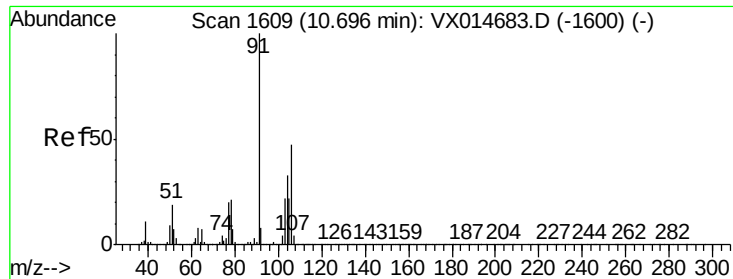
Tgt Ion: 106 Resp: 359497

Ion Ratio Lower Upper

106 100

91 204.5 159.4 239.2

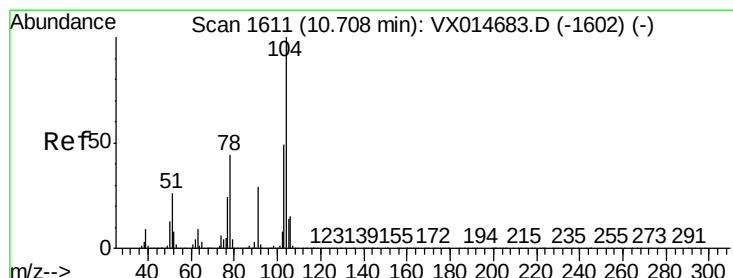
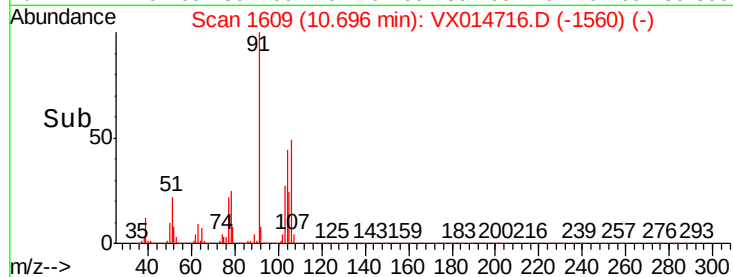
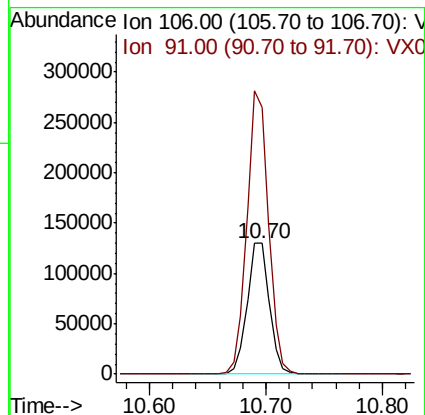
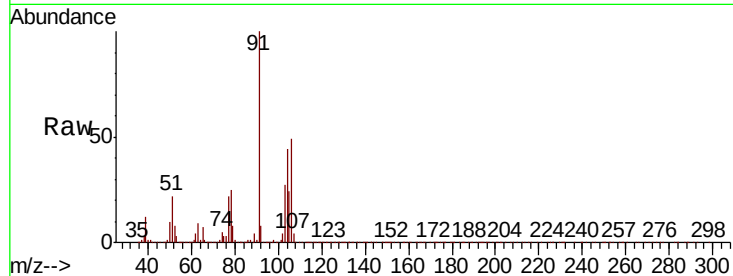




#69
o-Xylene
Concen: 21.048 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

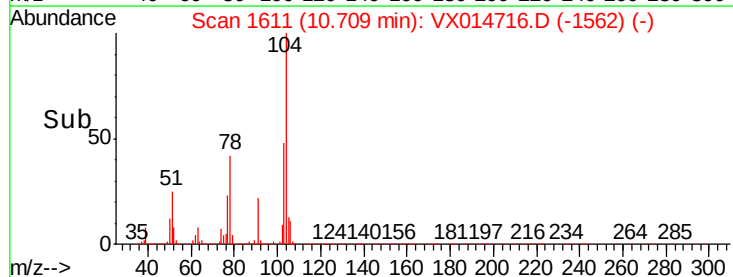
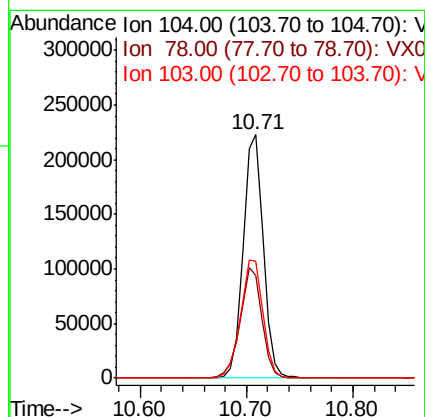
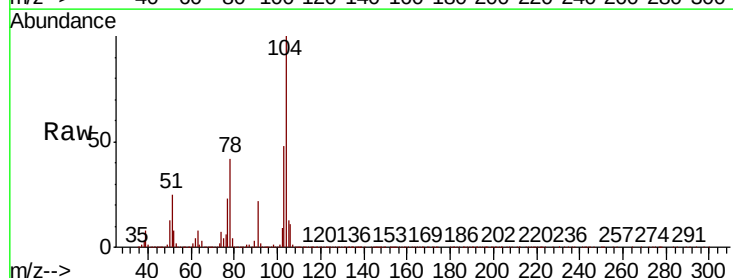
Instrument :
MSVOA_X
ClientSampled :

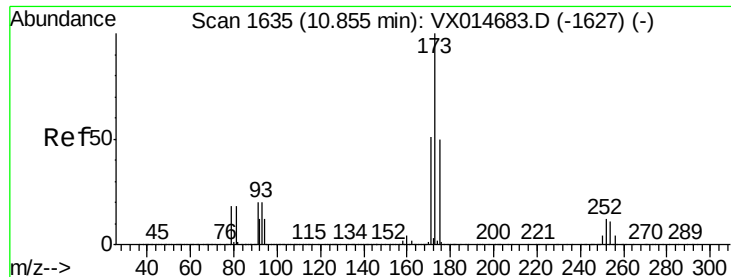
Tot Ion:106 Resp: 174187
Ion Ratio Lower Upper
106 100
91 209.5 106.2 318.6



#70
Styrene
Concen: 21.398 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Tgt Ion:104 Resp: 297057
Ion Ratio Lower Upper
104 100
78 48.8 39.3 58.9
103 54.4 43.5 65.3





#71

Bromoform

Concen: 20.498 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

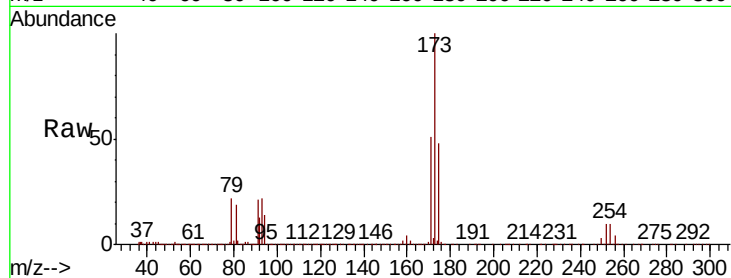
Tot Ion:173 Resp: 79645

Ion Ratio Lower Upper

173 100

175 47.6 24.6 73.6

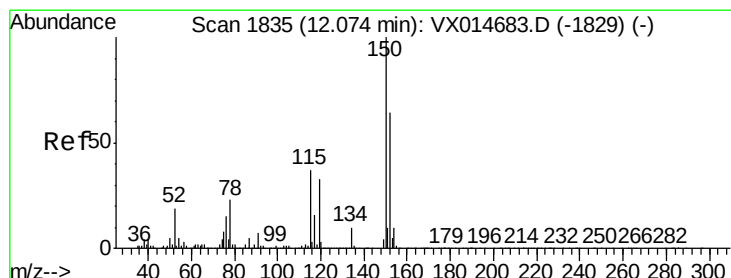
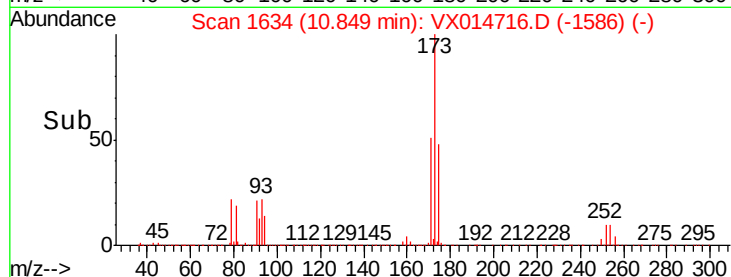
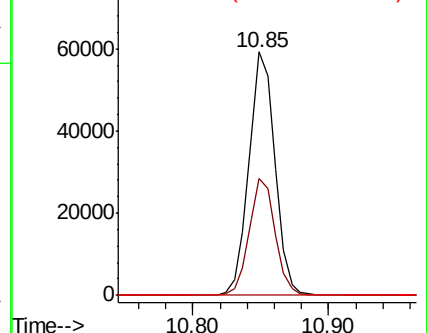
254 0.3 0.1 0.1#



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: VX014716.D

Acq: 27 Jan 2020 11:04

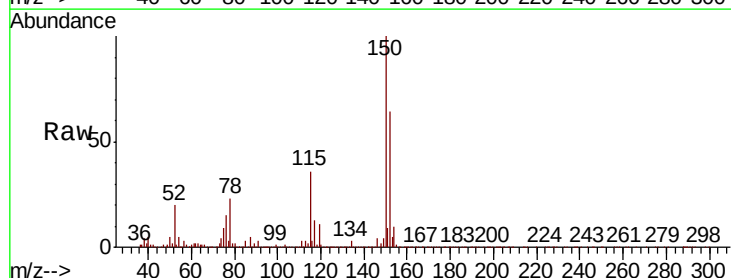
Tgt Ion:152 Resp: 310606

Ion Ratio Lower Upper

152 100

115 64.9 39.4 118.1

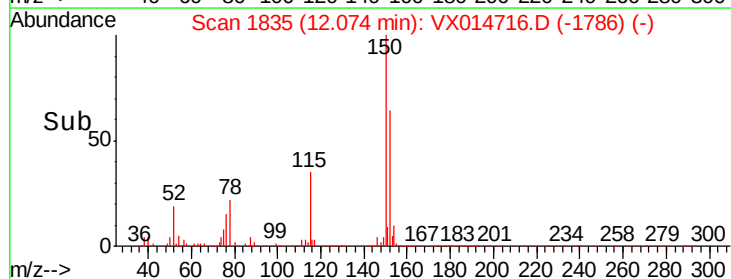
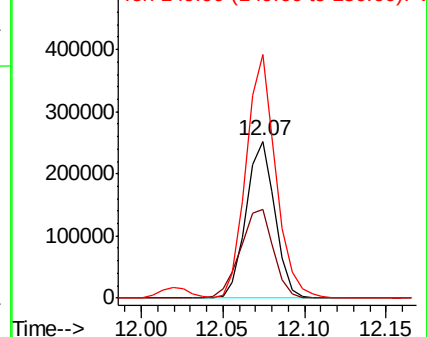
150 159.8 0.0 351.2

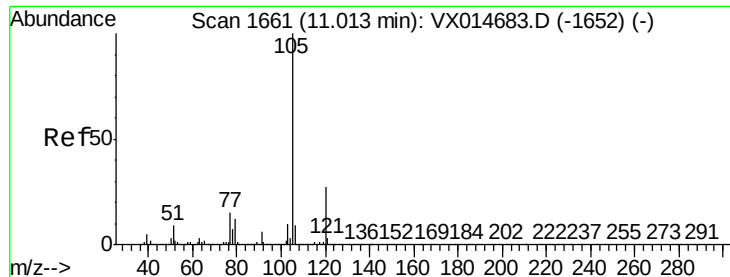


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.051 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :

MSVOA_X

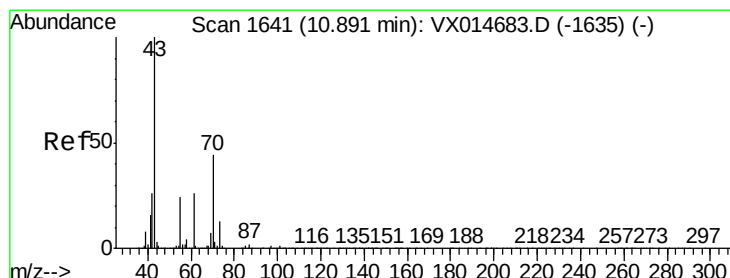
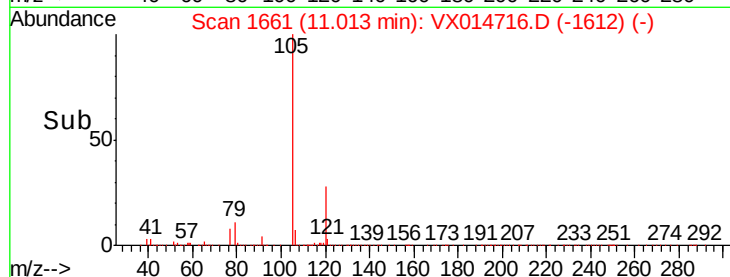
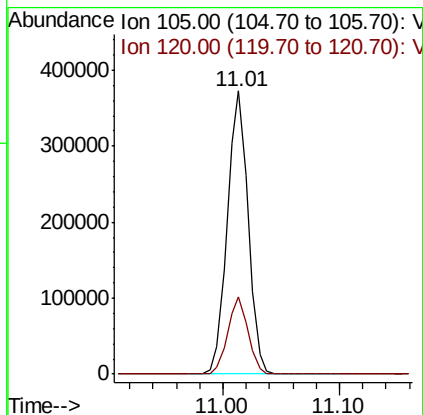
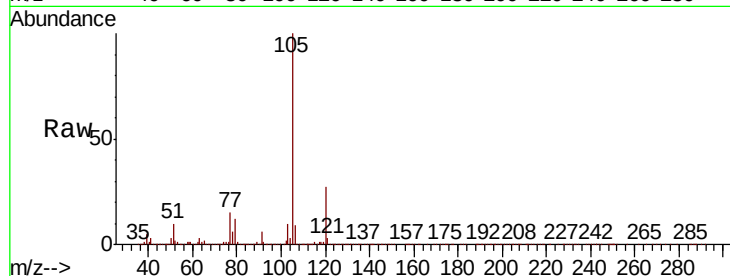
ClientSampleId :

Tot Ion:105 Resp: 459749

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5



#74

N-ethyl acetate

Concen: 20.177 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Tgt Ion: 43 Resp: 193106

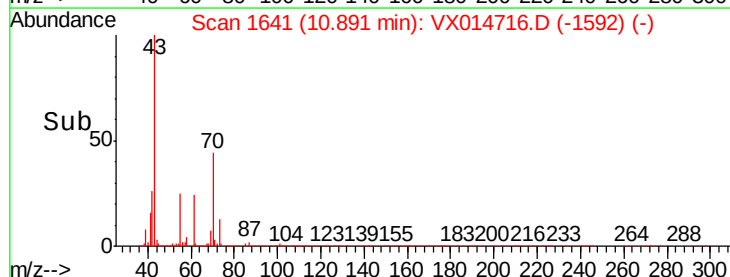
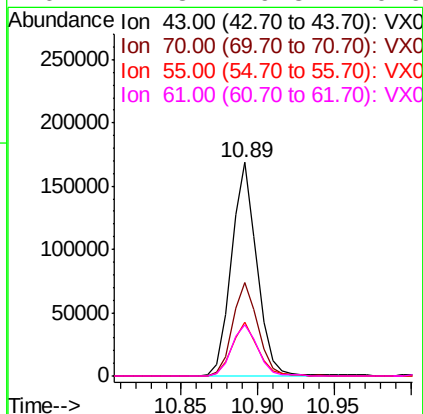
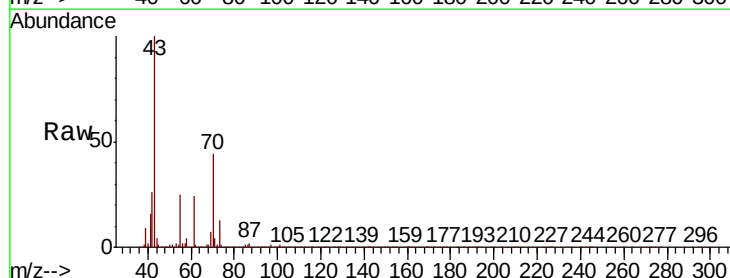
Ion Ratio Lower Upper

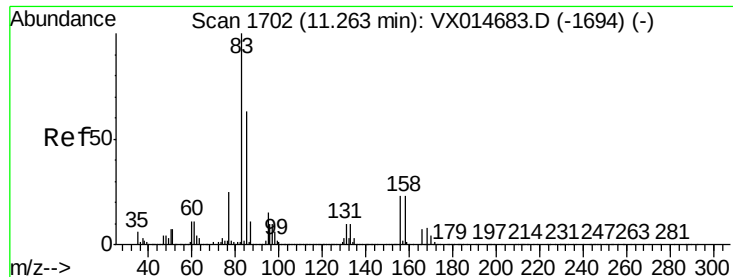
43 100

70 43.5 34.6 52.0

55 25.5 19.4 29.2

61 24.8 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.352 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

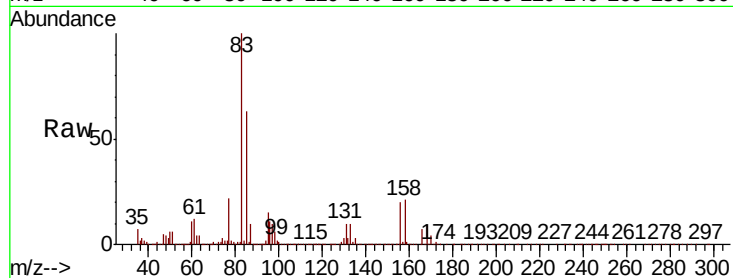
Tot Ion: 83 Resp: 150901

Ion Ratio Lower Upper

83 100

131 10.1 5.0 15.0

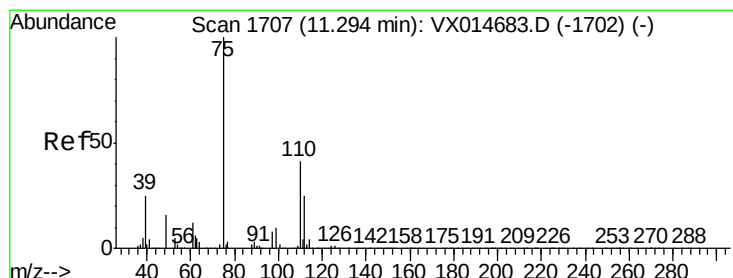
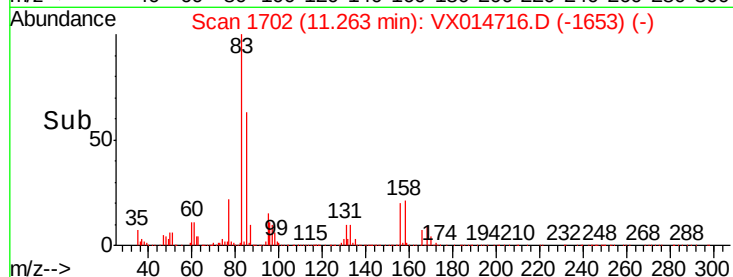
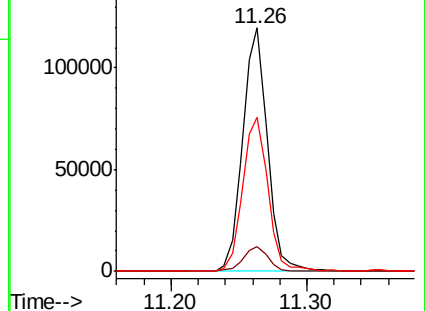
85 65.4 31.7 95.1



Abundance Ion 82.90 (82.60 to 83.60): VX014716.D (-1653) (-)

Ion 130.80 (130.50 to 131.50): VX014716.D (-1653) (-)

Ion 84.90 (84.60 to 85.60): VX014716.D (-1653) (-)



#76

1,2,3-Trichloropropane

Concen: 23.943 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014716.D

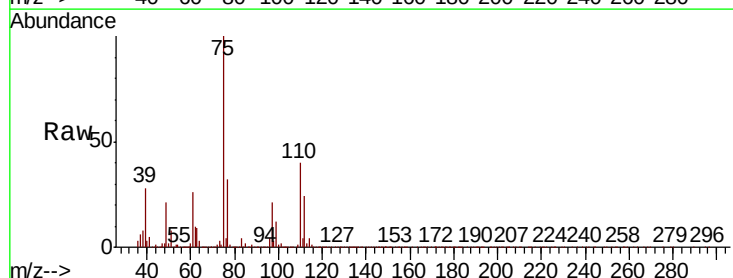
Acq: 27 Jan 2020 11:04

Tgt Ion: 75 Resp: 173021

Ion Ratio Lower Upper

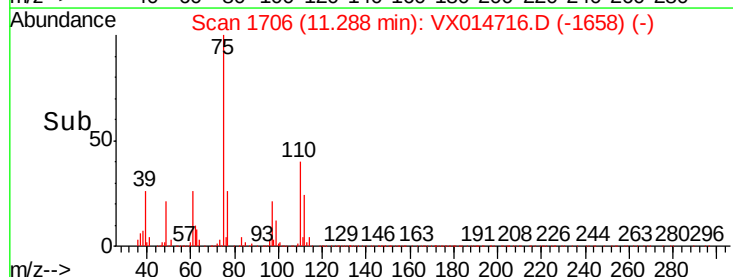
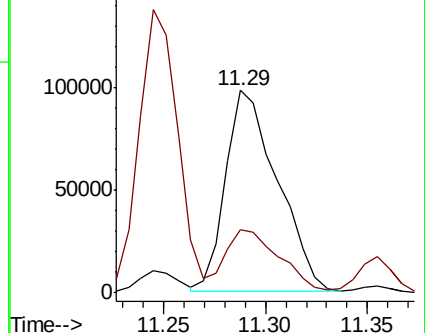
75 100

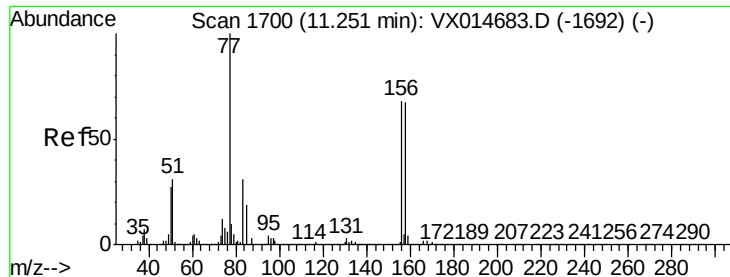
77 33.0 18.7 56.1



Abundance Ion 74.90 (74.60 to 75.60): VX014716.D (-1658) (-)

Ion 77.00 (76.70 to 77.70): VX014716.D (-1658) (-)





#77

Bromobenzene

Concen: 20.607 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

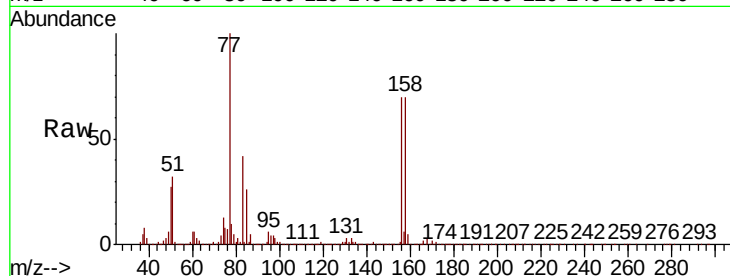
Tot Ion:156 Resp: 120908

Ion Ratio Lower Upper

156 100

77 150.1 77.5 232.5

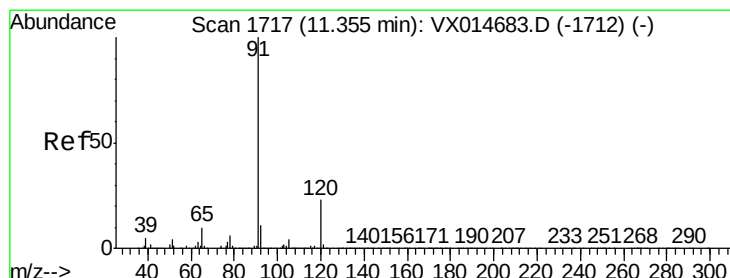
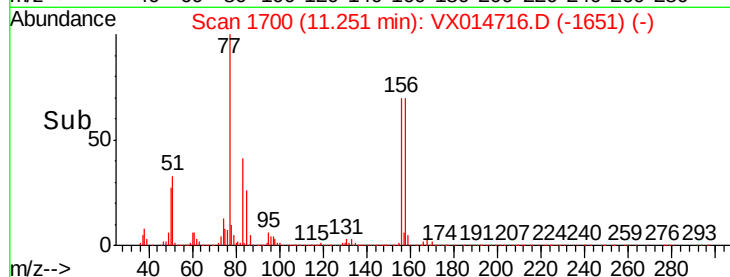
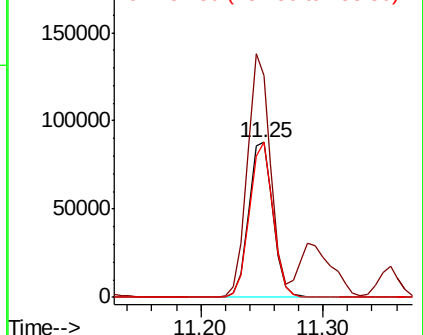
158 97.2 49.1 147.3



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: 21.443 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014716.D

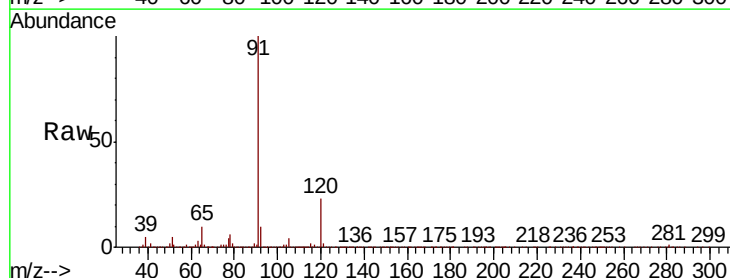
Acq: 27 Jan 2020 11:04

Tgt Ion: 91 Resp: 531580

Ion Ratio Lower Upper

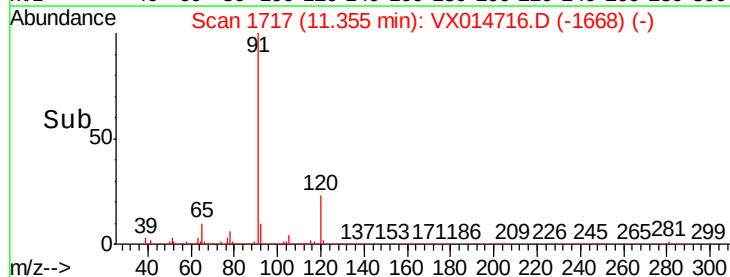
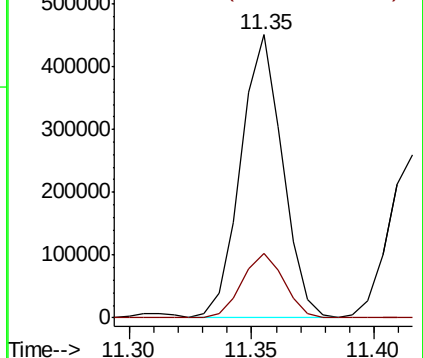
91 100

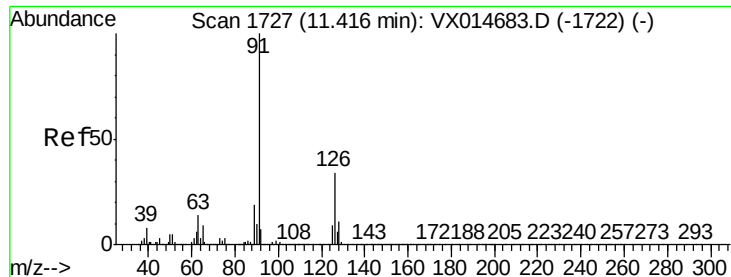
120 23.2 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

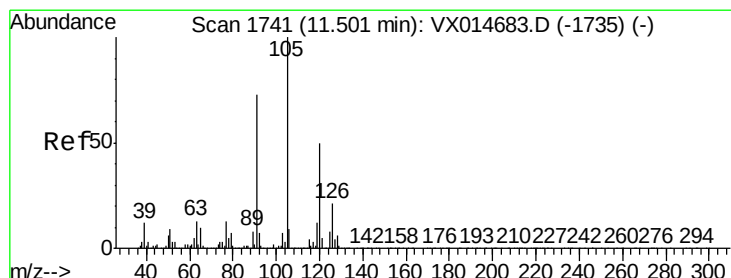
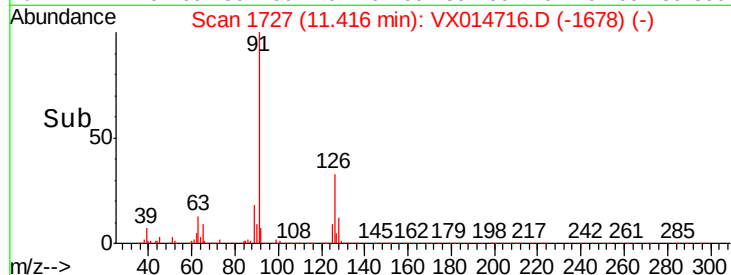
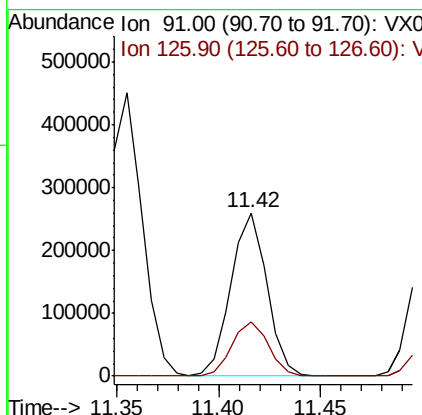
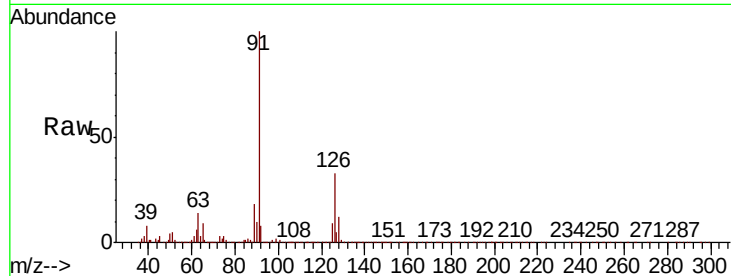




#79
 2-Chlorotoluene
 Concen: 21.061 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014716.D
 Acq: 27 Jan 2020 11:04

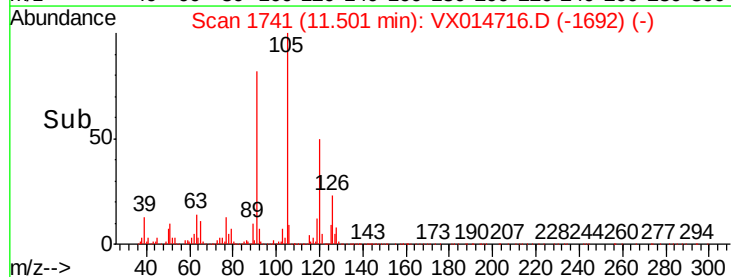
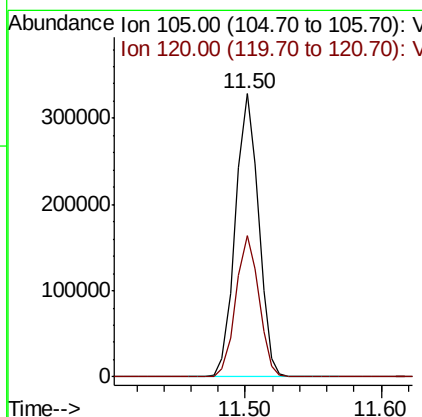
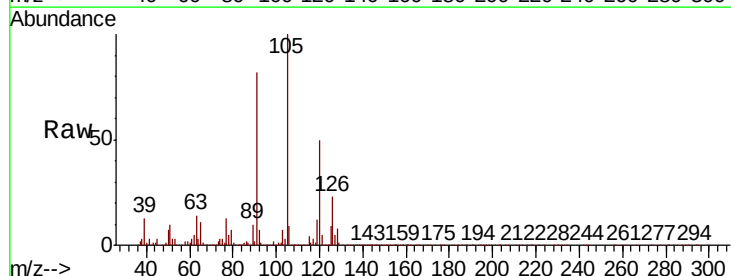
Instrument :
 MSVOA_X
 ClientSampleId :

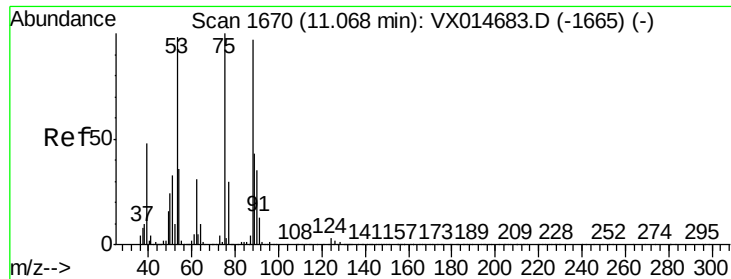
Tot Ion: 91 Resp: 315899
 Ion Ratio Lower Upper
 91 100
 126 34.1 17.3 51.9



#80
 1,3,5-Trimethylbenzene
 Concen: 21.547 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014716.D
 Acq: 27 Jan 2020 11:04

Tgt Ion: 105 Resp: 390560
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.9 74.6

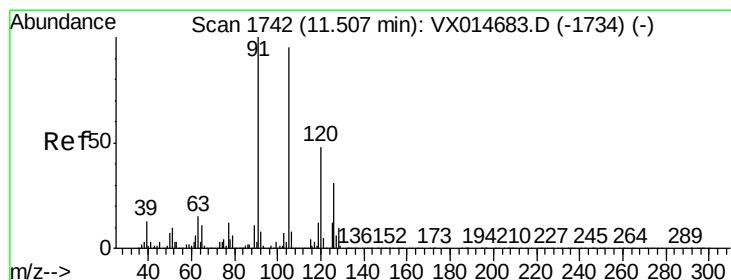
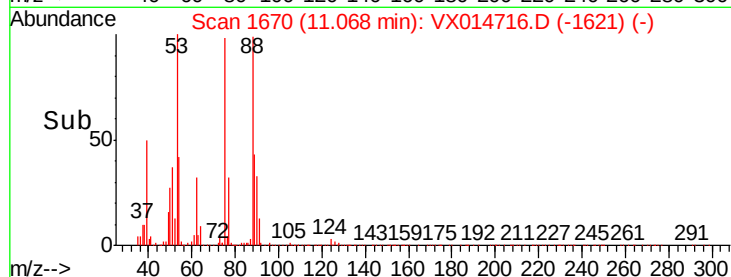
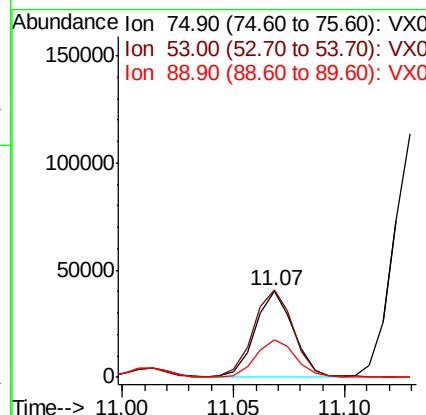
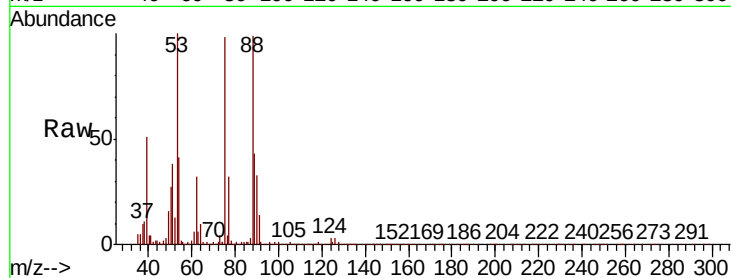




#81
trans-1,4-Dichloro-2-butene
Concen: 18.782 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

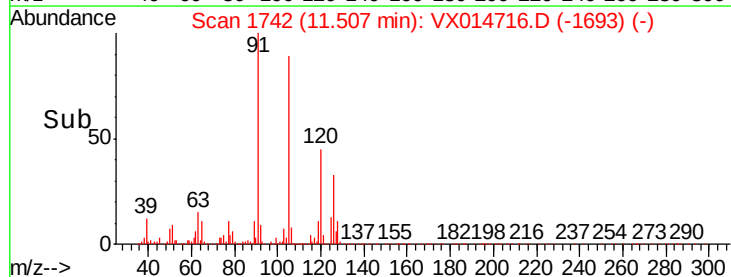
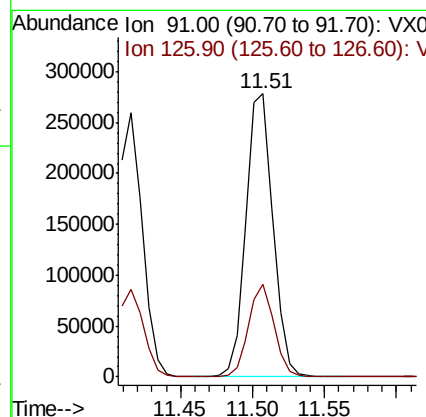
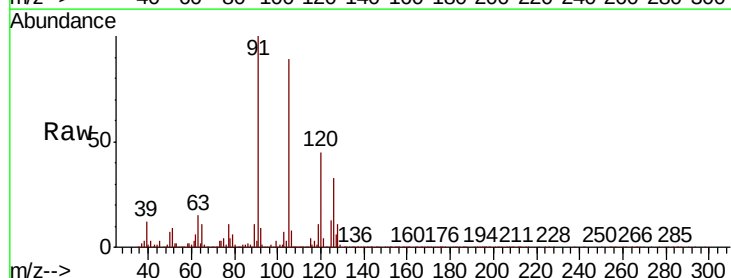
Instrument :
MSVOA_X
ClientSampled :

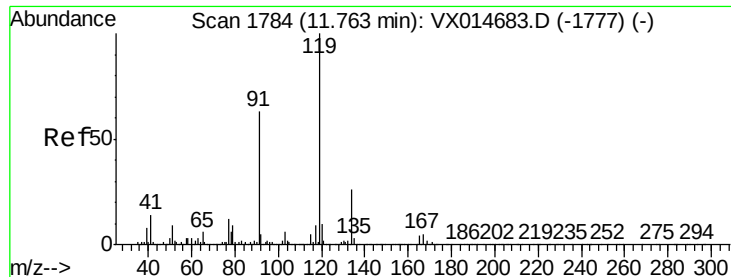
Tot Ion: 75 Resp: 47693
Ion Ratio Lower Upper
75 100
53 106.3 78.8 118.2
89 46.7 35.4 53.0



#82
4-Chlorotoluene
Concen: 21.064 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Tgt Ion: 91 Resp: 359699
Ion Ratio Lower Upper
91 100
126 30.9 15.4 46.4





#83

tert-Butylbenzene

Concen: 21.321 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

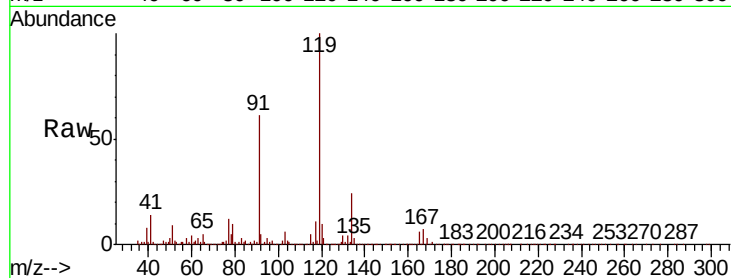
Tot Ion:119 Resp: 363152

Ion Ratio Lower Upper

119 100

91 58.2 30.0 90.0

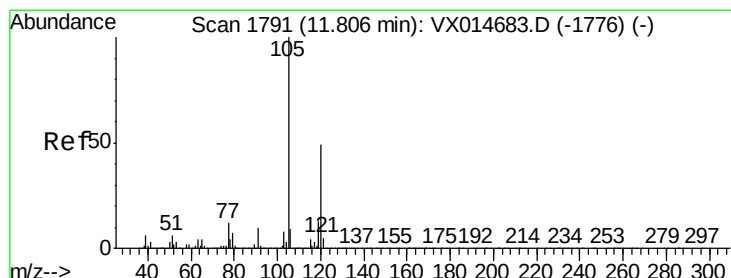
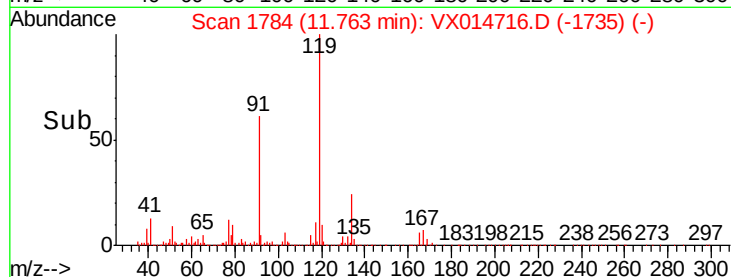
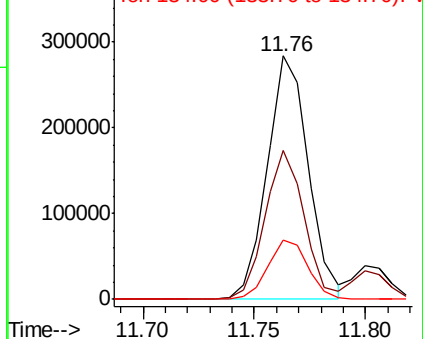
134 24.1 12.7 38.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.498 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX014716.D

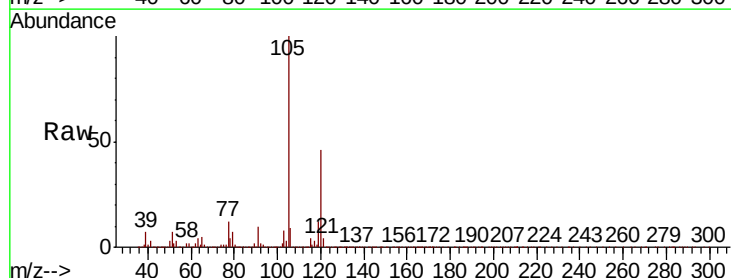
Acq: 27 Jan 2020 11:04

Tgt Ion:105 Resp: 390860

Ion Ratio Lower Upper

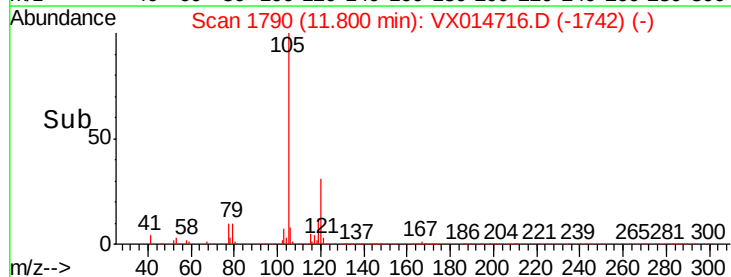
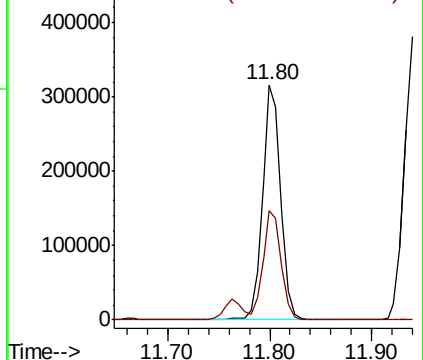
105 100

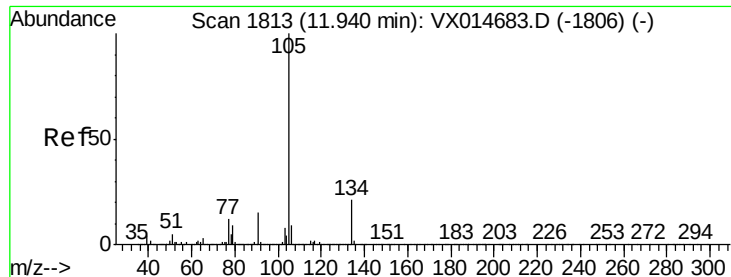
120 46.2 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.358 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :

MSVOA_X

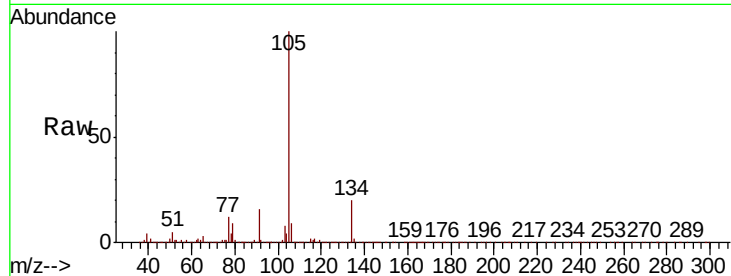
ClientSampleId :

Tot Ion:105 Resp: 445665

Ion Ratio Lower Upper

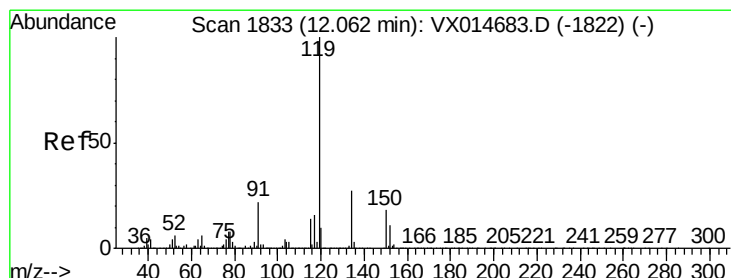
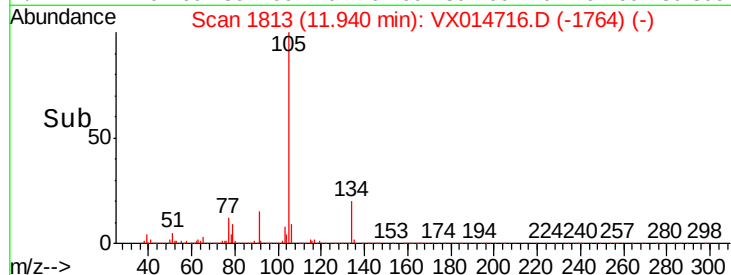
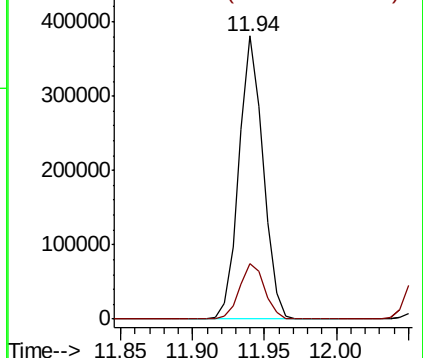
105 100

134 20.3 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.314 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

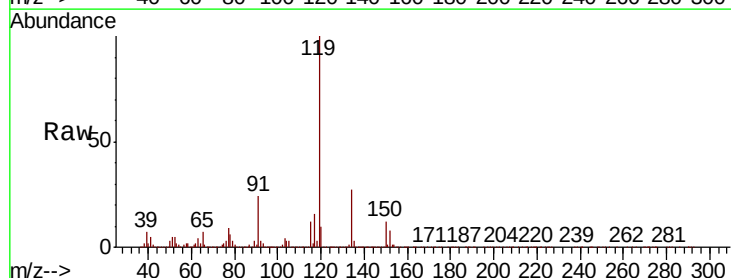
Tgt Ion:119 Resp: 411009

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

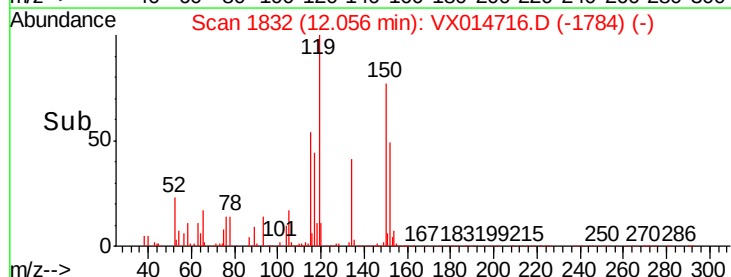
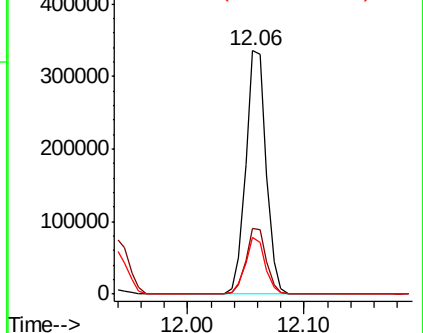
91 22.8 11.3 33.8

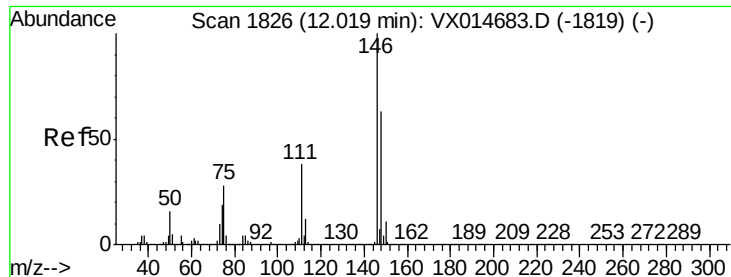


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 20.122 ug/l

RT: 12.02 min Scan# 1826

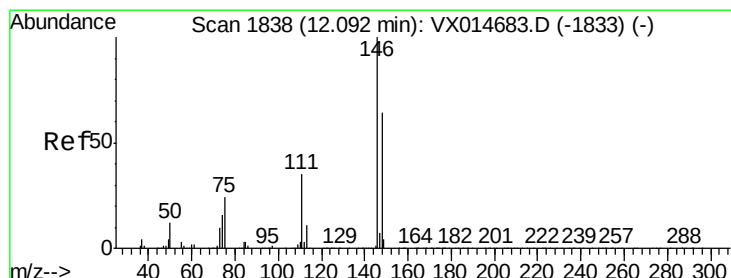
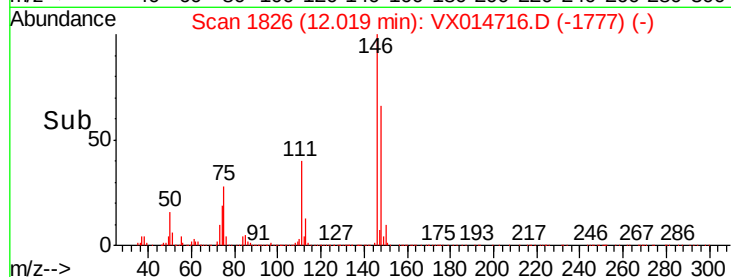
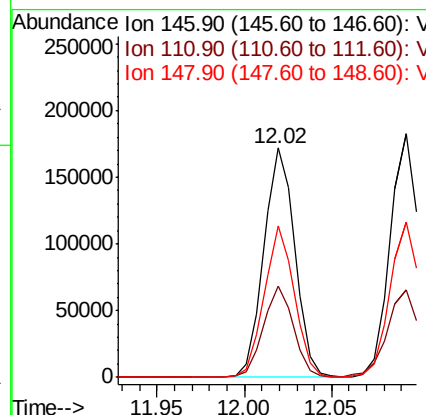
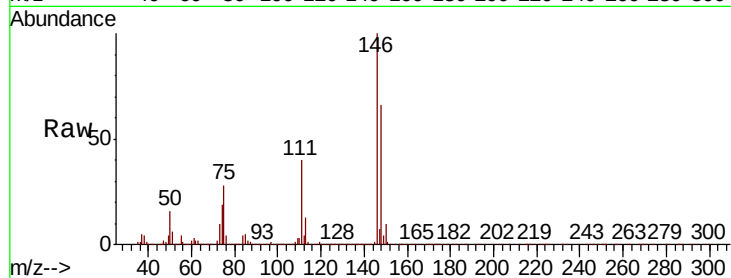
Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.0	57.0
148	63.8	31.6	95.0



#88

1,4-Dichlorobenzene

Concen: 20.315 ug/l

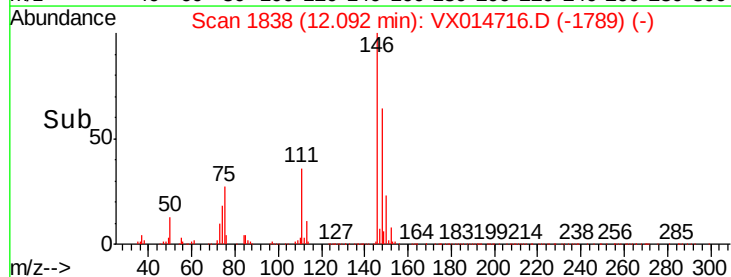
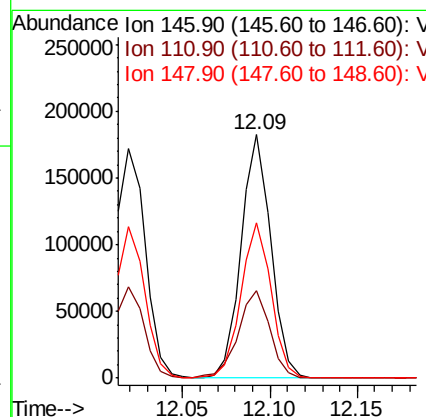
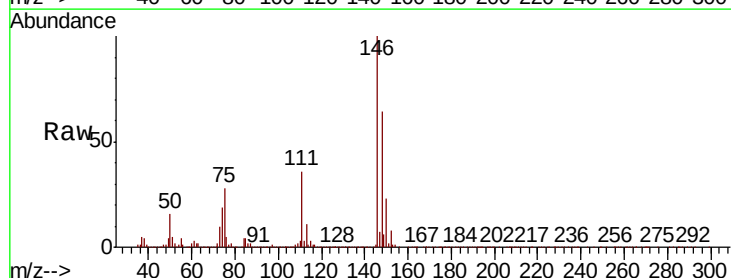
RT: 12.09 min Scan# 1838

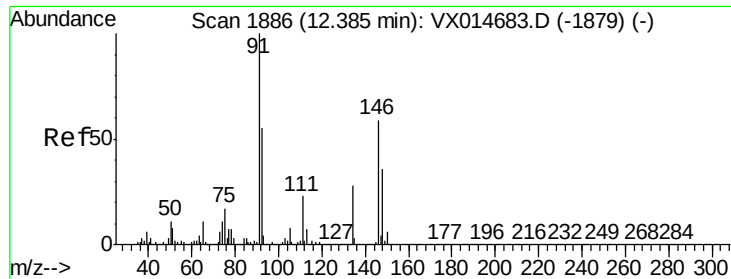
Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.6	55.8
148	64.7	32.0	96.2

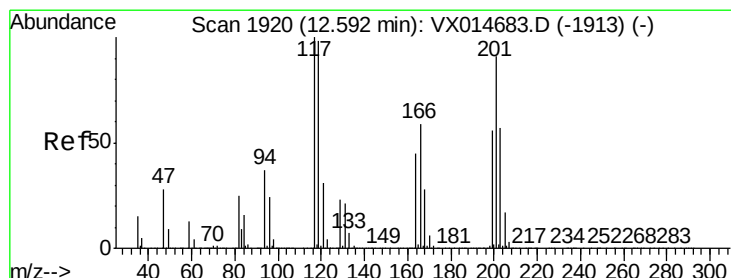
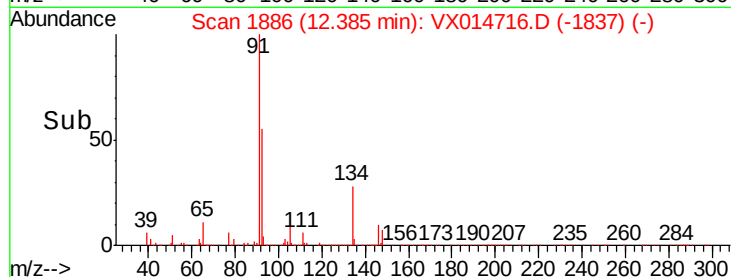
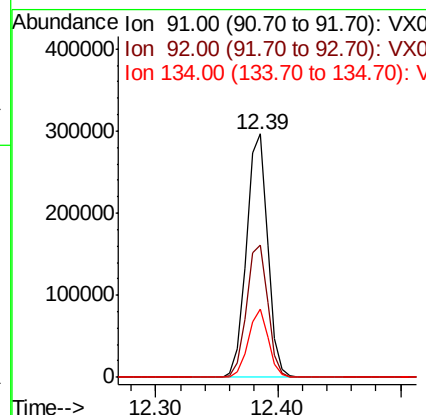
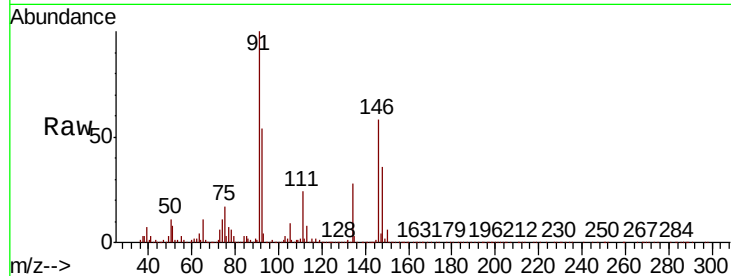




#89
n-Butylbenzene
Concen: 21.003 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

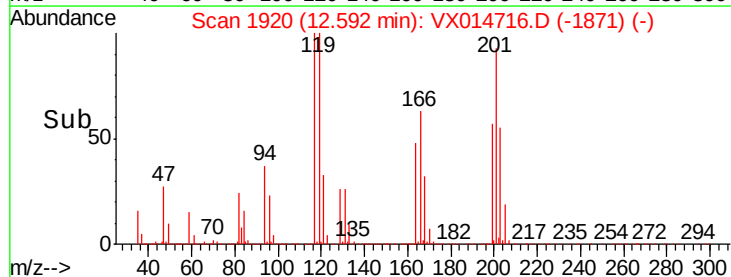
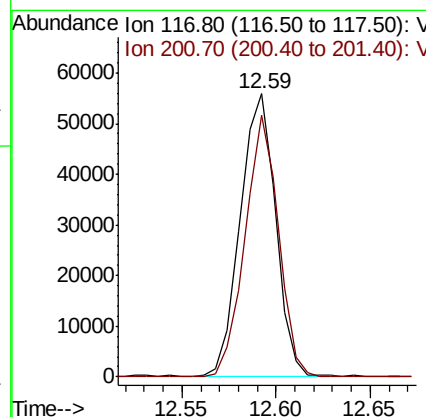
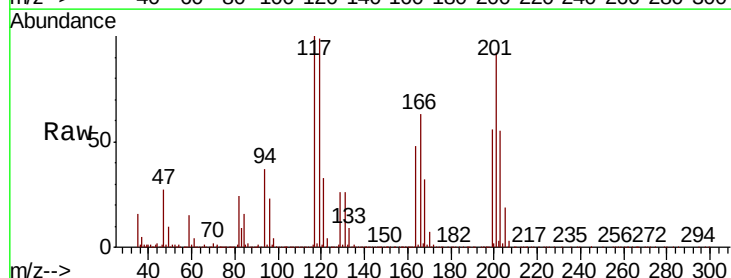
Instrument :
MSVOA_X
ClientSampleId :

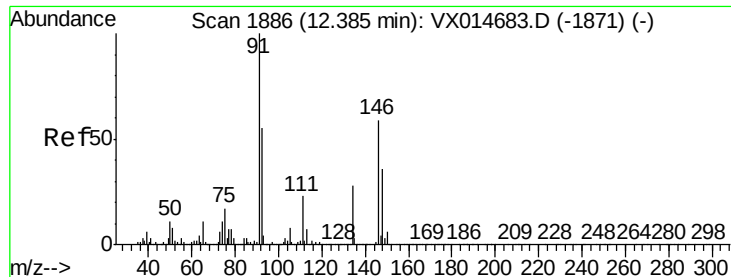
Tot Ion: 91 Resp: 352738
Ion Ratio Lower Upper
91 100
92 54.7 27.6 82.7
134 26.8 13.3 39.8



#90
Hexachloroethane
Concen: 20.334 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Tgt Ion: 117 Resp: 72831
Ion Ratio Lower Upper
117 100
201 87.6 44.4 133.1

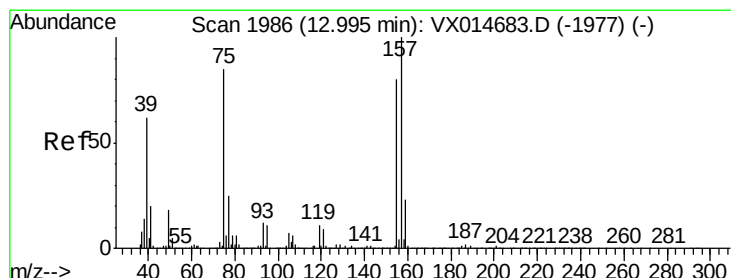
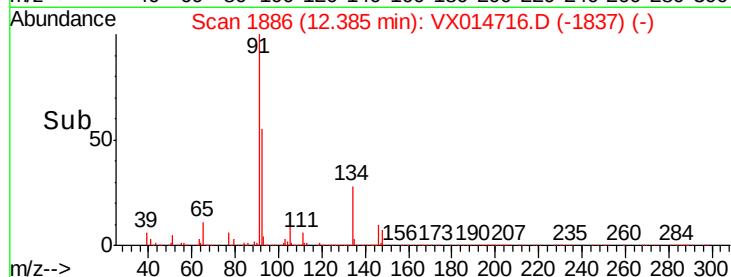
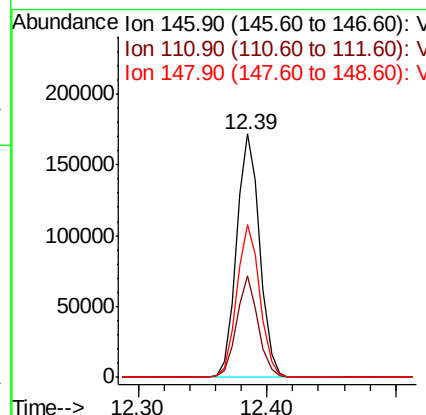
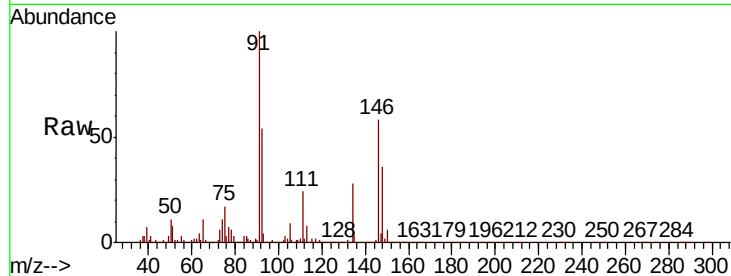




#91
 1,2-Dichlorobenzene
 Concen: 20.459 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014716.D
 Acq: 27 Jan 2020 11:04

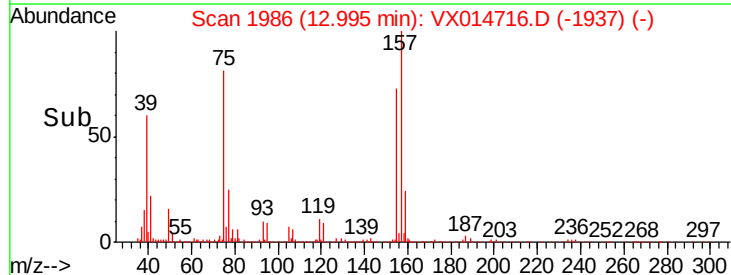
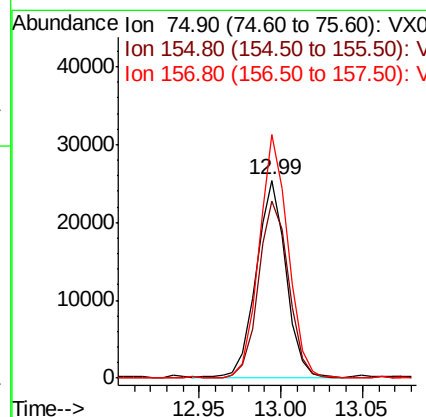
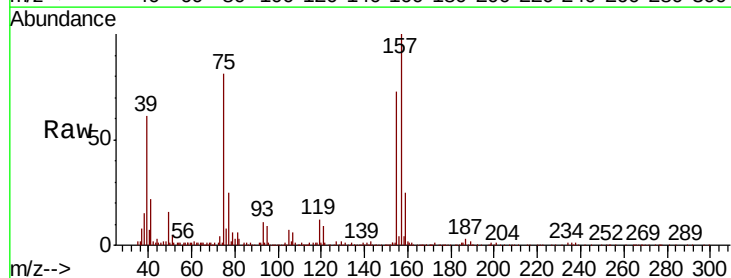
Instrument :
 MSVOA_X
 ClientSampleId :

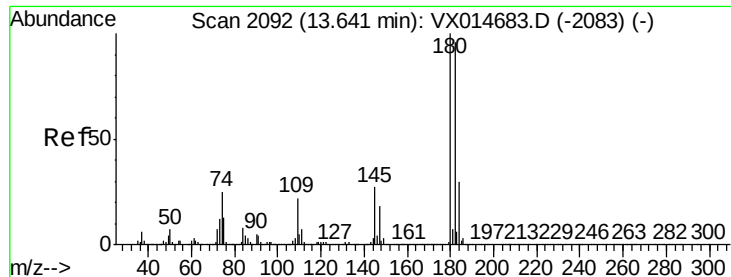
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.6	58.8
148	63.1	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.053 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014716.D
 Acq: 27 Jan 2020 11:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.7	45.6	136.9
157	119.8	60.3	180.9

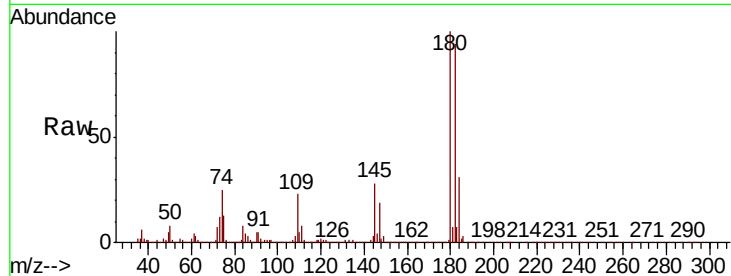




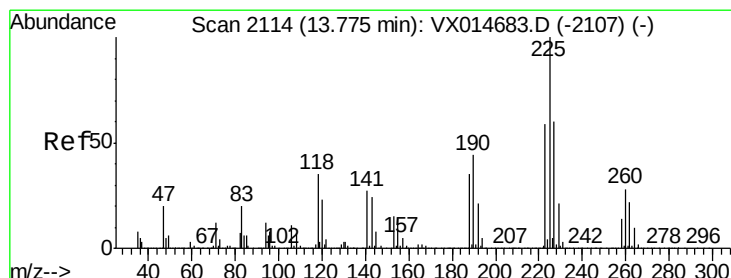
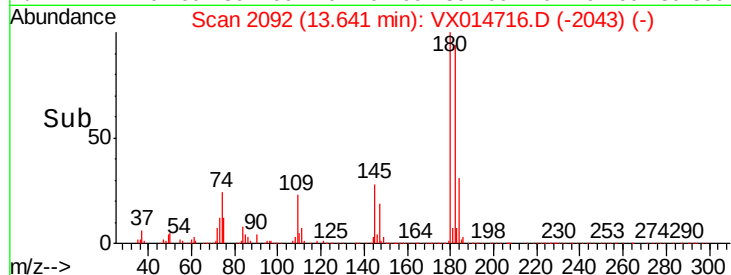
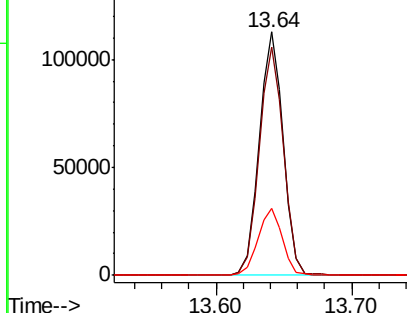
#93
 1,2,4-Trichlorobenzene
 Concen: 20.613 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014716.D
 Acq: 27 Jan 2020 11:04

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.5	145.6
145	27.9	14.0	41.9

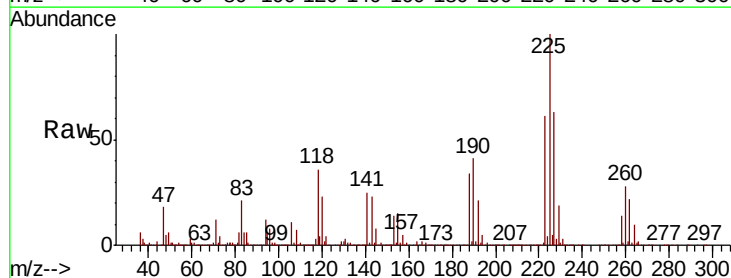


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

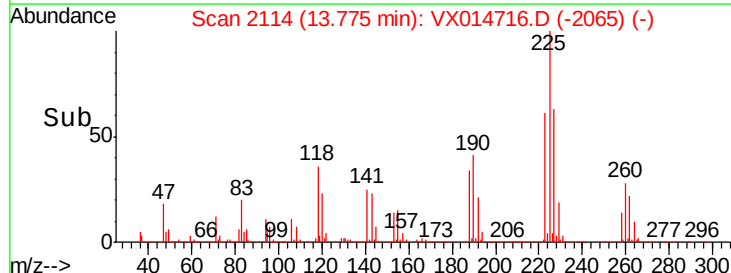
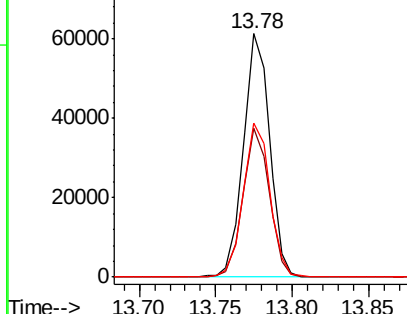


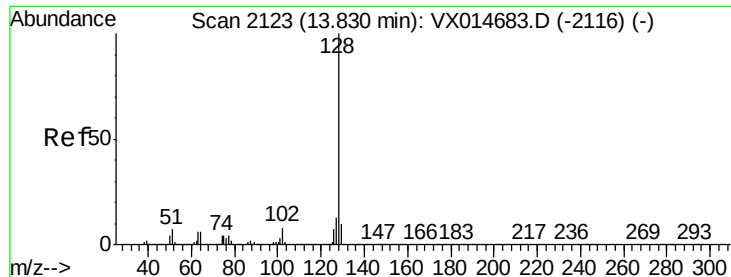
#94
 Hexachlorobutadiene
 Concen: 21.029 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014716.D
 Acq: 27 Jan 2020 11:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	30.6	91.8
227	64.2	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

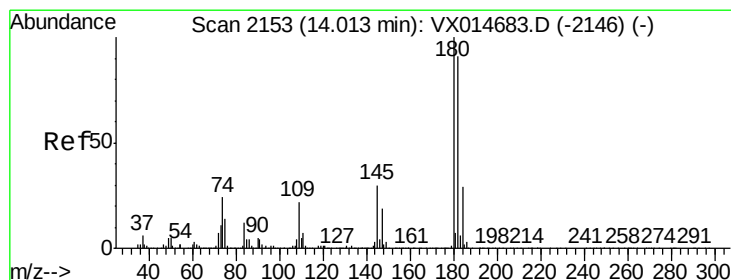
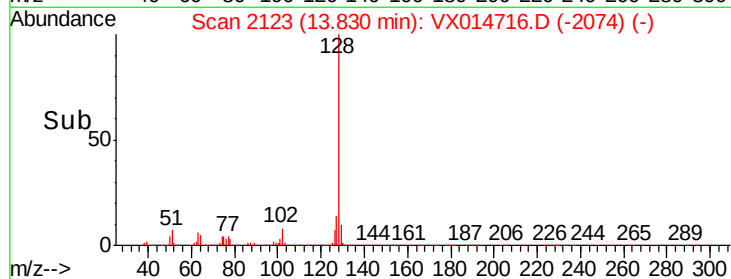
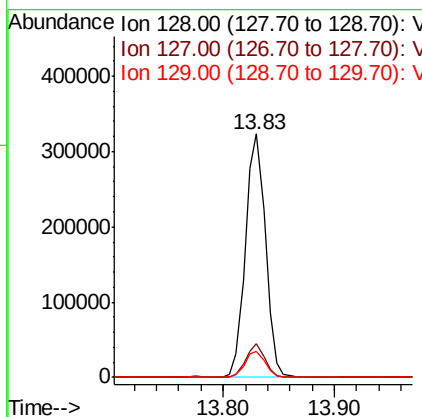
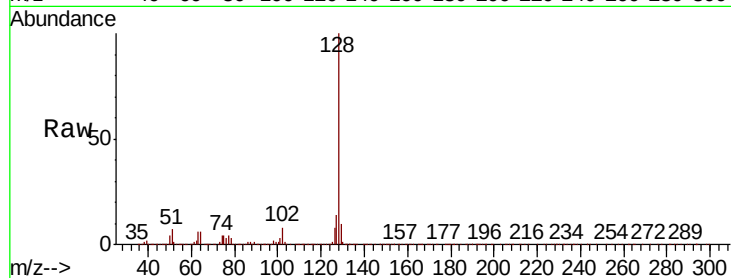




#95
Naphthalene
Concen: 19.144 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 404072
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.6 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.709 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Tgt Ion:180 Resp: 141385
Ion Ratio Lower Upper
180 100
182 96.4 46.6 139.7
145 30.1 14.7 44.1

