

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091620\
 Data File : VX018432.D
 Acq On : 16 Sep 2020 11:31
 Operator : JC/SP
 Sample : VX0916WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBS01

Quant Time: Sep 16 15:09:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	424469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	639730	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	603706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	325323	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	297963	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
35) Dibromofluoromethane	5.46	113	229955	52.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.56%	
50) Toluene-d8	8.70	98	805897	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.12	95	316158	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.18	85	89417	17.302	ug/l 98
3) Chloromethane	1.31	50	82954	15.225	ug/l 99
4) Vinyl Chloride	1.39	62	89973	16.589	ug/l 96
5) Bromomethane	1.63	94	62657	23.951	ug/l 98
6) Chloroethane	1.72	64	53045	18.209	ug/l 98
7) Trichlorofluoromethane	1.92	101	155769	21.062	ug/l 100
8) Diethyl Ether	2.17	74	48953	19.518	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	78475	19.627	ug/l 96
10) Methyl Iodide	2.49	142	76759	21.333	ug/l 96
11) Tert butyl alcohol	3.01	59	95212	83.100	ug/l 98
12) 1,1-Dichloroethene	2.36	96	72767	17.542	ug/l 99
13) Acrolein	2.27	56	32660	68.746	ug/l 93
14) Allyl chloride	2.71	41	134753	18.081	ug/l 97
15) Acrylonitrile	3.11	53	223760	86.094	ug/l 99
16) Acetone	2.42	43	205823	89.638	ug/l 92
17) Carbon Disulfide	2.55	76	190963	15.229	ug/l 98
18) Methyl Acetate	2.75	43	119674	21.598	ug/l 98
19) Methyl tert-butyl Ether	3.17	73	274137	19.270	ug/l 98
20) Methylene Chloride	2.84	84	88470	18.099	ug/l 96
21) trans-1,2-Dichloroethene	3.14	96	82740	18.004	ug/l 97
22) Diisopropyl ether	3.82	45	280909	19.098	ug/l # 83
23) Vinyl Acetate	3.78	43	1167952	89.236	ug/l 99
24) 1,1-Dichloroethane	3.67	63	160296	19.144	ug/l 97
25) 2-Butanone	4.63	43	311479	82.540	ug/l 99
26) 2,2-Dichloropropane	4.55	77	151080	22.176	ug/l 97
27) cis-1,2-Dichloroethene	4.56	96	94094	17.770	ug/l 98
28) Bromochloromethane	4.98	49	74977	18.551	ug/l 98
29) Tetrahydrofuran	5.09	42	196827	81.935	ug/l 97
30) Chloroform	5.17	83	168528	19.438	ug/l 94
31) Cyclohexane	5.55	56	119203	16.901	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	154798	19.456	ug/l 97
36) 1,1-Dichloropropene	5.76	75	117558	19.923	ug/l 99
37) Ethyl Acetate	4.79	43	123971	18.090	ug/l 98
38) Carbon Tetrachloride	5.75	117	141910	21.341	ug/l 93

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBS01

Quant Time: Sep 16 15:09:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	121693	18.861	ug/l	99
40) Benzene	6.10	78	333852	19.255	ug/l	99
41) Methacrylonitrile	5.00	41	65687	17.457	ug/l	94
42) 1,2-Dichloroethane	6.16	62	140950	21.218	ug/l	98
43) Isopropyl Acetate	6.41	43	203258	18.363	ug/l	99
44) Trichloroethene	7.19	130	95961	19.588	ug/l	99
45) 1,2-Dichloropropane	7.49	63	89614	19.177	ug/l	99
46) Dibromomethane	7.63	93	64711	19.693	ug/l	100
47) Bromodichloromethane	7.87	83	138044	21.039	ug/l	96
48) Methyl methacrylate	7.74	41	98448	17.866	ug/l	97
49) 1,4-Dioxane	7.71	88	33498	335.606	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	633494	92.651	ug/l	99
52) Toluene	8.76	92	218100	19.838	ug/l	94
53) t-1,3-Dichloropropene	9.02	75	144908	19.927	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	155399	20.173	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	91024	19.413	ug/l	96
56) Ethyl methacrylate	9.16	69	127198	18.248	ug/l	95
57) 1,3-Dichloropropane	9.35	76	152185	19.678	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	332611	106.074	ug/l	98
59) 2-Hexanone	9.47	43	471571	90.703	ug/l	99
60) Dibromochloromethane	9.56	129	110888	20.160	ug/l	98
61) 1,2-Dibromoethane	9.65	107	99052	19.458	ug/l	99
64) Tetrachloroethene	9.32	164	91569	20.640	ug/l	88
65) Chlorobenzene	10.12	112	239192	19.838	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	101106	21.276	ug/l	98
67) Ethyl Benzene	10.23	91	409837	19.988	ug/l	99
68) m/p-Xylenes	10.34	106	308954	40.369	ug/l	96
69) o-Xylene	10.68	106	145757	19.646	ug/l	96
70) Styrene	10.70	104	251326	19.892	ug/l	97
71) Bromoform	10.84	173	81520	20.111	ug/l #	99
73) Isopropylbenzene	11.00	105	410863	19.147	ug/l	99
74) N-amyl acetate	10.88	43	171567	16.851	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	134193	17.727	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	164090	22.674	ug/l	84
77) Bromobenzene	11.24	156	110202	18.579	ug/l	97
78) n-propylbenzene	11.34	91	478583	19.642	ug/l	98
79) 2-Chlorotoluene	11.40	91	292070	19.402	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	353955	20.073	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	47588	17.760	ug/l	96
82) 4-Chlorotoluene	11.49	91	347330	19.409	ug/l	100
83) tert-Butylbenzene	11.76	119	340356	19.558	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	357561	19.833	ug/l	99
85) sec-Butylbenzene	11.93	105	397105	20.066	ug/l	100
86) p-Isopropyltoluene	12.05	119	373814	20.564	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	197725	18.986	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	201174	19.293	ug/l	99
89) n-Butylbenzene	12.37	91	334701	20.173	ug/l	98
90) Hexachloroethane	12.58	117	75153	21.013	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	188683	19.247	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	33265	17.575	ug/l	96

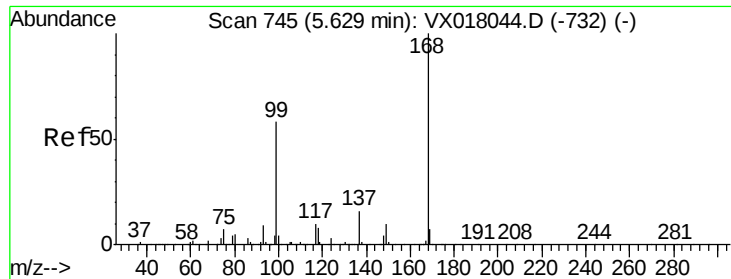
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091620\
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Acq On : 16 Sep 2020 11:31
Operator : JC/SP
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ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	124481	19.042	ug/l	98
94) Hexachlorobutadiene	13.77	225	57107	22.148	ug/l	98
95) Naphthalene	13.82	128	379657	17.647	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	127178	19.689	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

ClientSampleId :

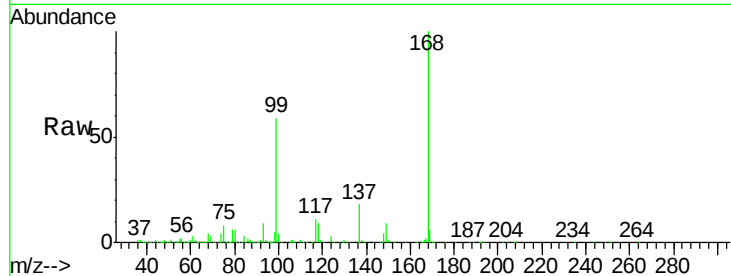
VX0916WBS01

Tgt Ion:168 Resp: 424469

Ion Ratio Lower Upper

168 100

99 58.3 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

150000

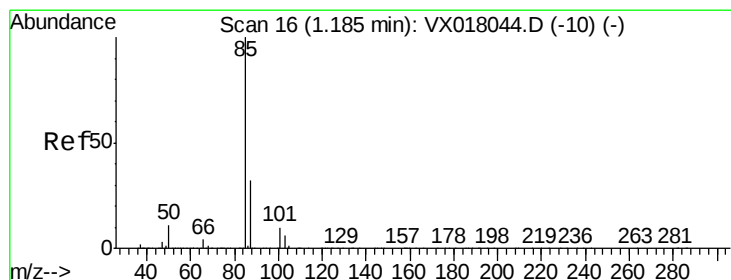
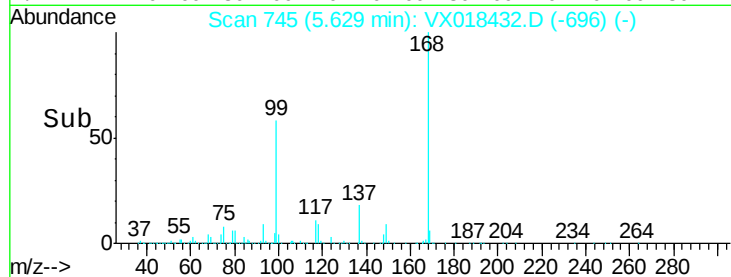
100000

50000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 17.302 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018432.D

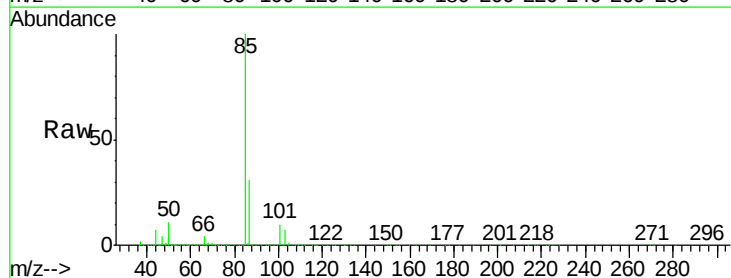
Acq: 16 Sep 2020 11:31

Tgt Ion: 85 Resp: 89417

Ion Ratio Lower Upper

85 100

87 30.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

100000

80000

60000

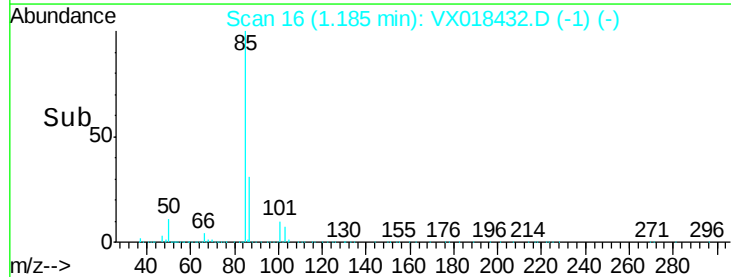
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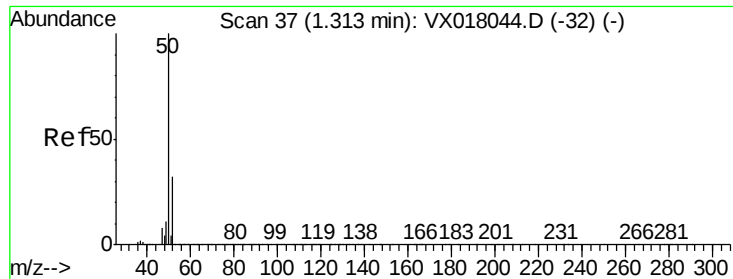
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 15.225 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

ClientSampleId :

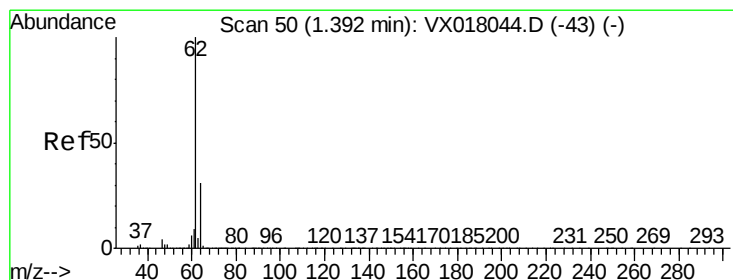
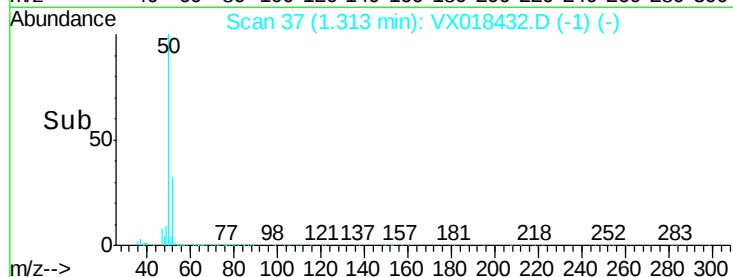
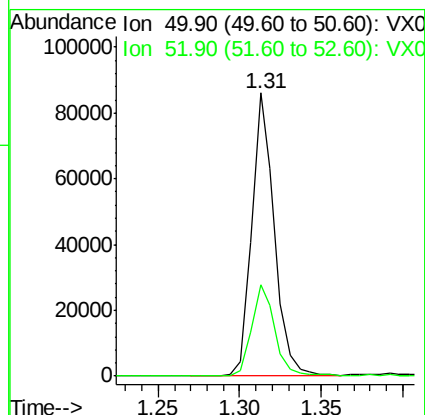
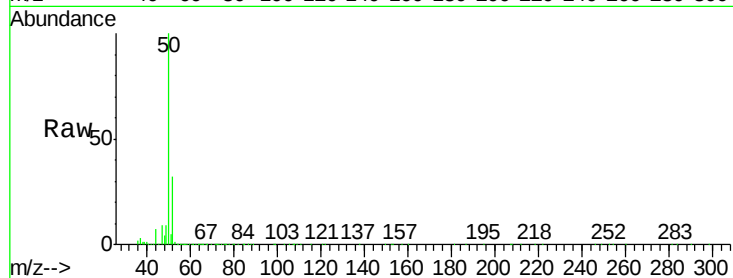
VX0916WBS01

Tgt Ion: 50 Resp: 82954

Ion Ratio Lower Upper

50 100

52 32.1 25.4 38.2



#4

Vinyl Chloride

Concen: 16.589 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018432.D

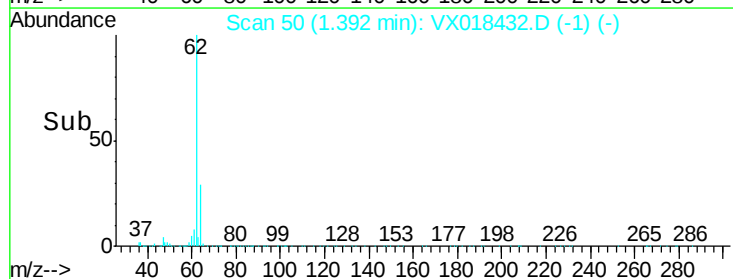
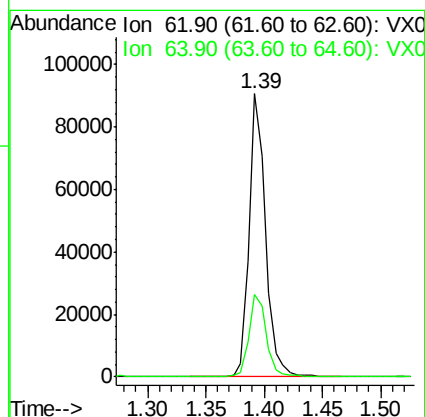
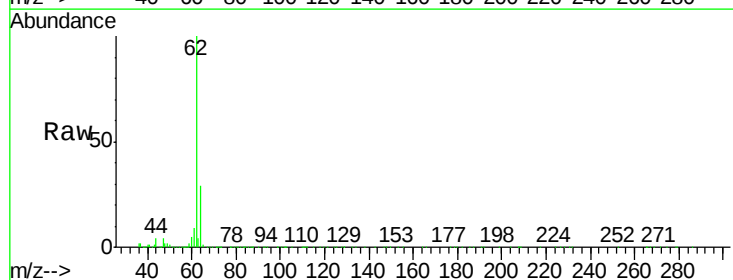
Acq: 16 Sep 2020 11:31

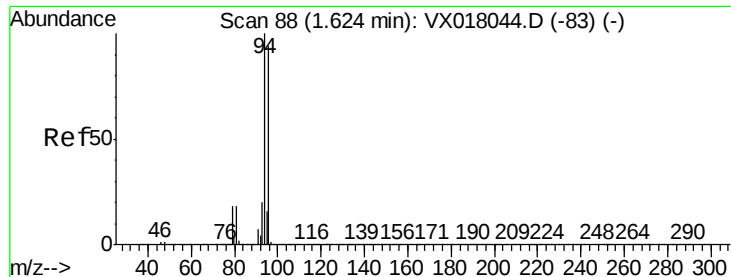
Tgt Ion: 62 Resp: 89973

Ion Ratio Lower Upper

62 100

64 29.2 25.1 37.7





#5

Bromomethane

Concen: 23.951 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

ClientSampleId :

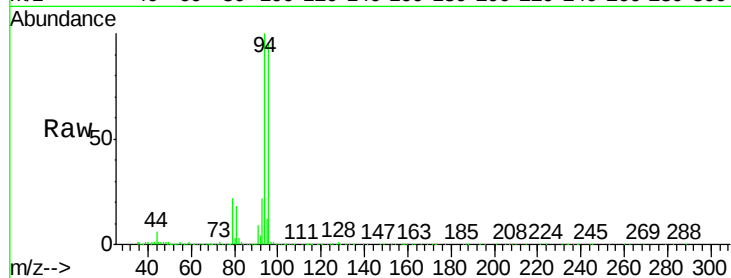
VX0916WBS01

Tgt Ion: 94 Resp: 62657

Ion Ratio Lower Upper

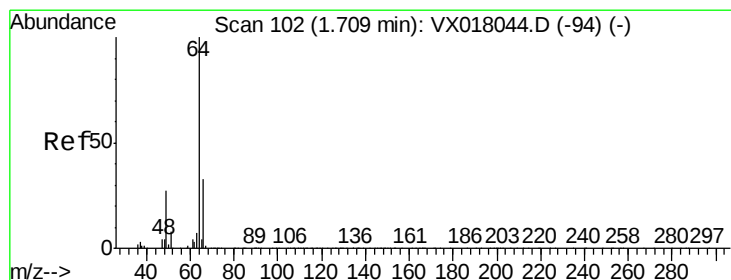
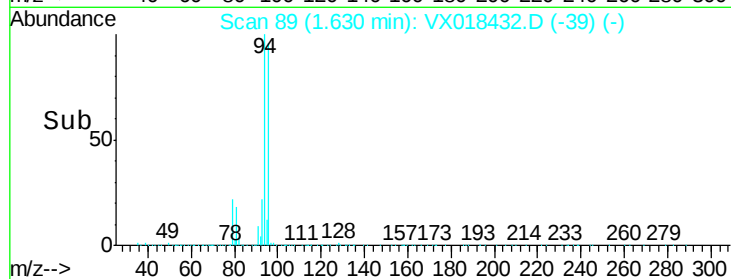
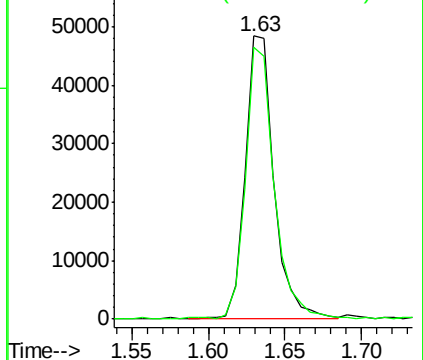
94 100

96 95.6 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.209 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018432.D

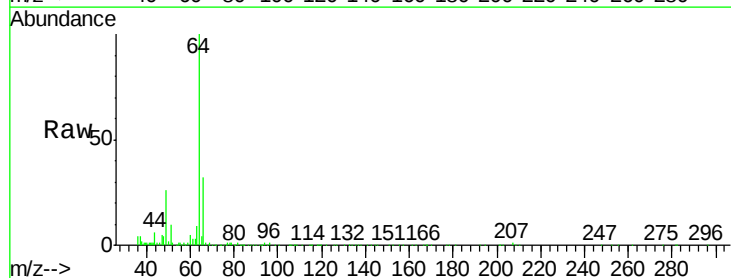
Acq: 16 Sep 2020 11:31

Tgt Ion: 64 Resp: 53045

Ion Ratio Lower Upper

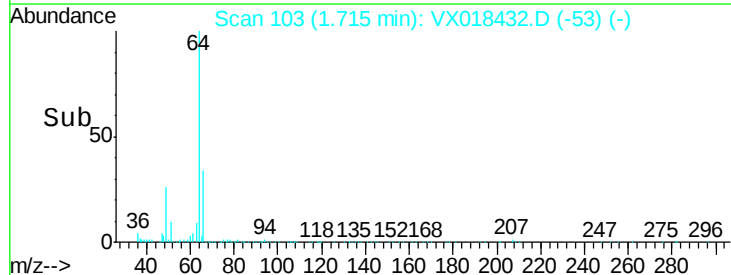
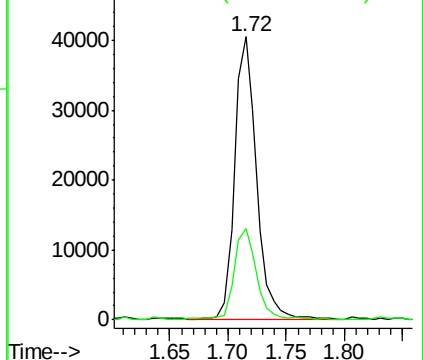
64 100

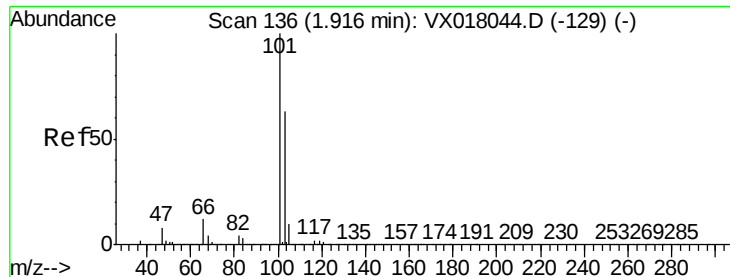
66 32.0 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



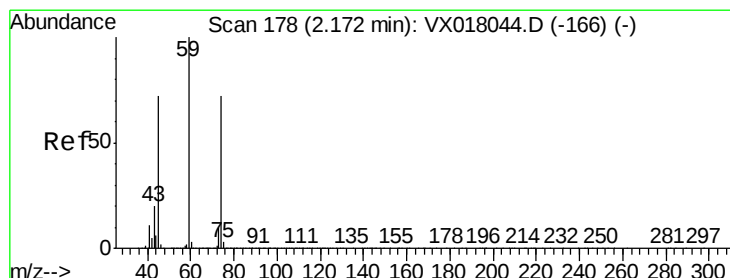
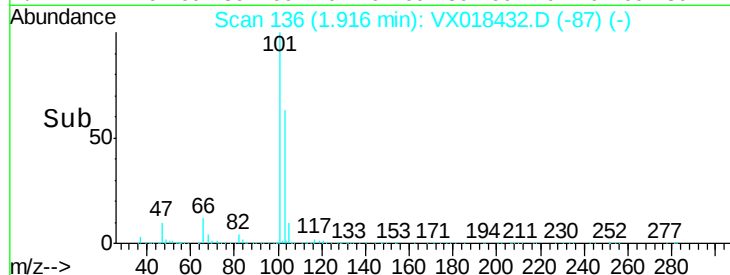
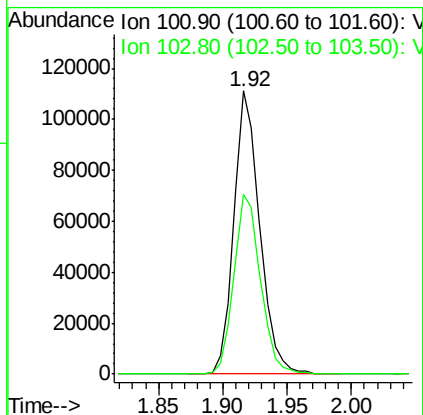
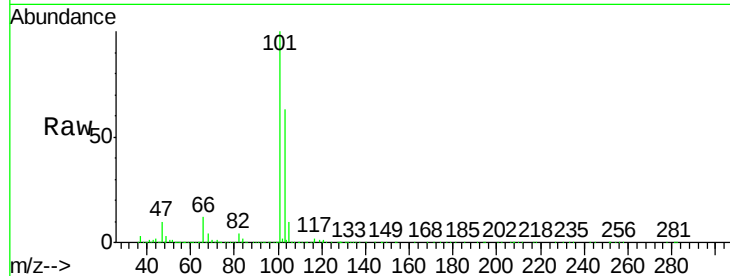


#7

Trichlorofluoromethane
Concen: 21.062 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

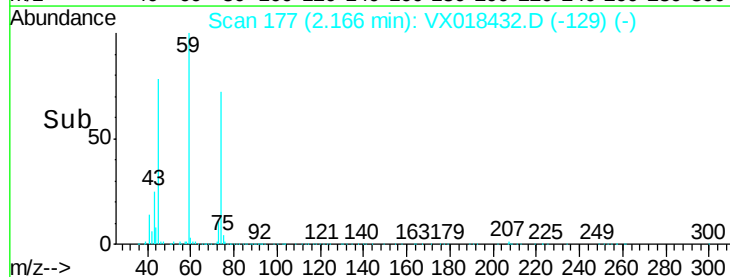
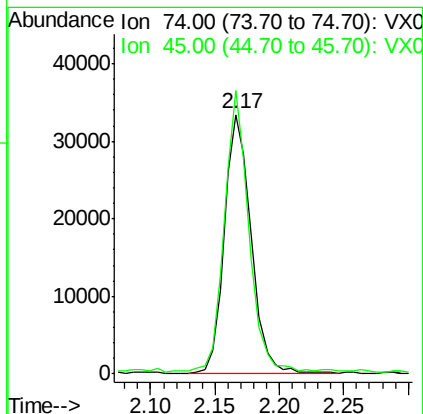
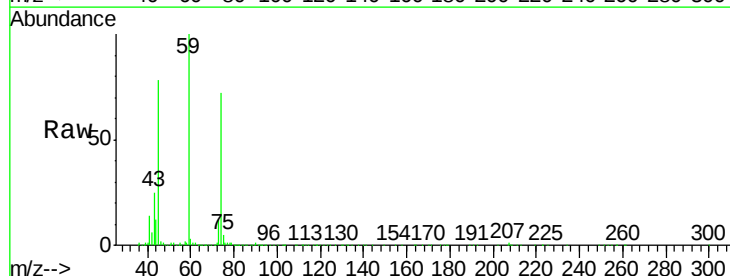
Tgt Ion:101 Resp: 155769
Ion Ratio Lower Upper
101 100
103 63.3 50.7 76.1

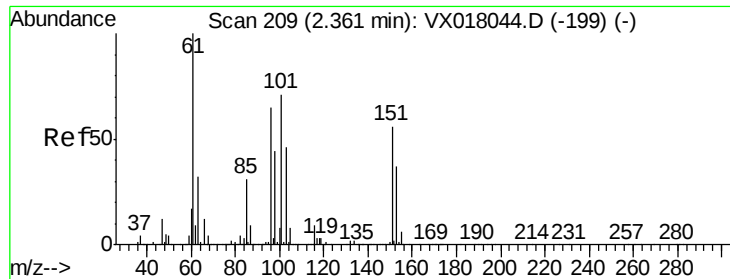


#8

Diethyl Ether
Concen: 19.518 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Tgt Ion: 74 Resp: 48953
Ion Ratio Lower Upper
74 100
45 97.4 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.627 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

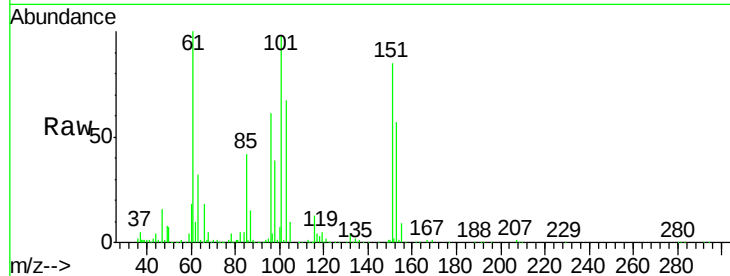
Tgt Ion:101 Resp: 78475

Ion Ratio Lower Upper

101 100

85 47.4 34.0 51.0

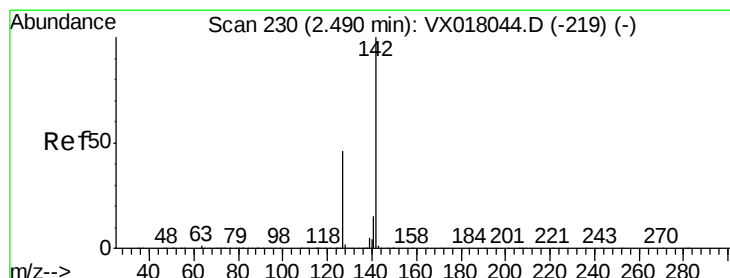
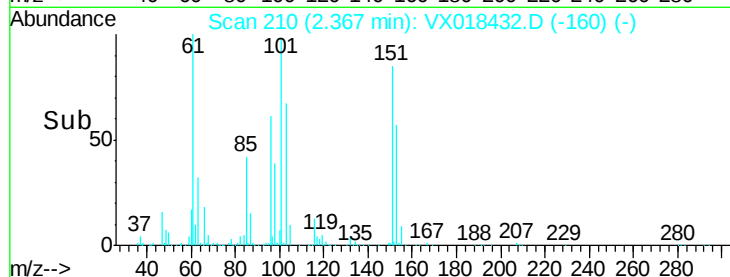
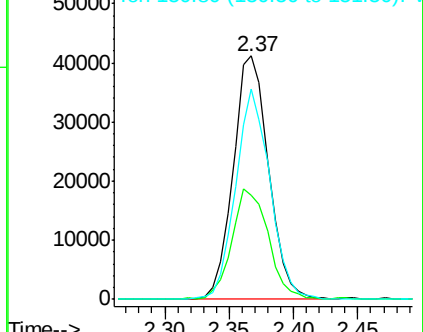
151 83.7 65.2 97.8



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: 21.333 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

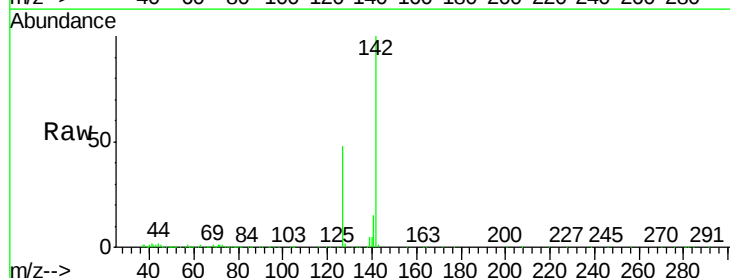
Tgt Ion:142 Resp: 76759

Ion Ratio Lower Upper

142 100

127 49.3 37.0 55.6

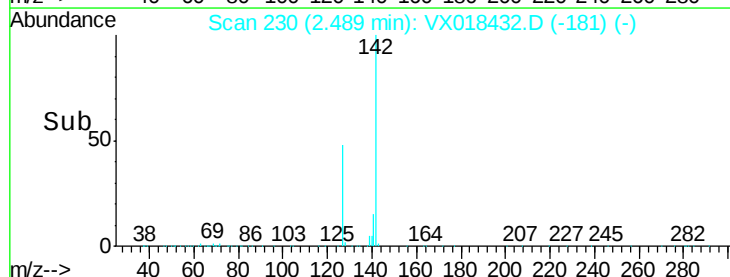
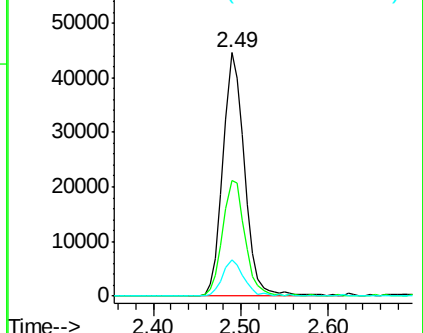
141 14.9 11.5 17.3

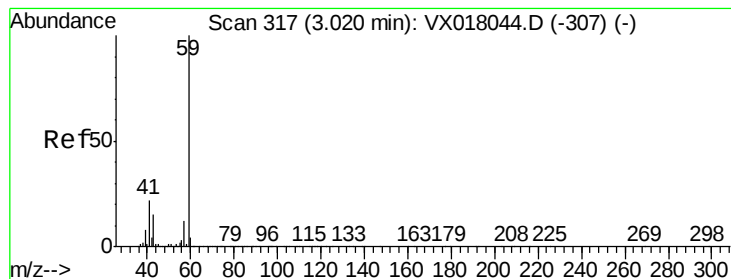


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



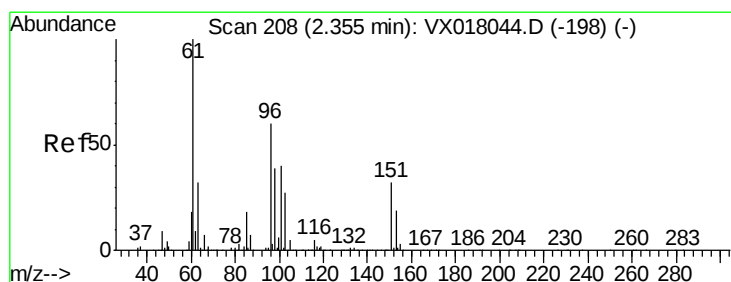
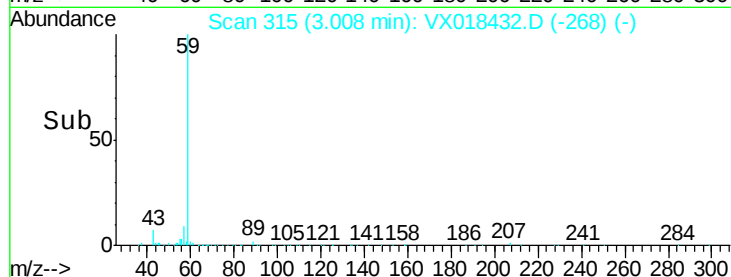
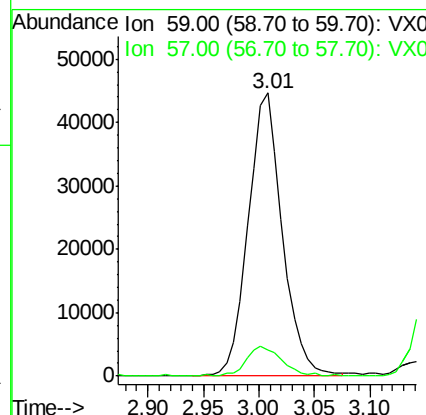
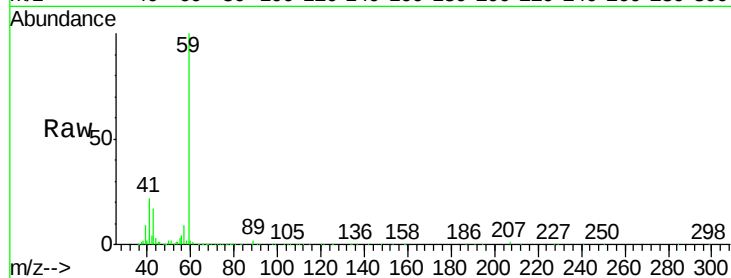


#11

Tert butyl alcohol
 Concen: 83.100 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX018432.D
 Acq: 16 Sep 2020 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBS01

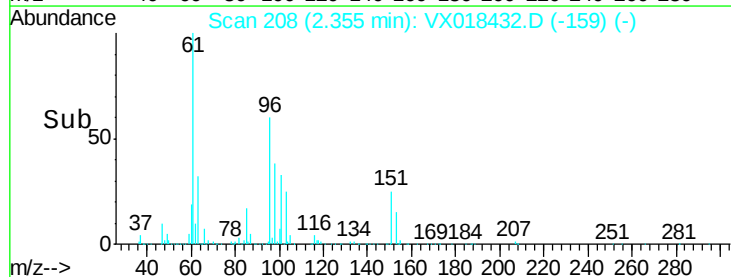
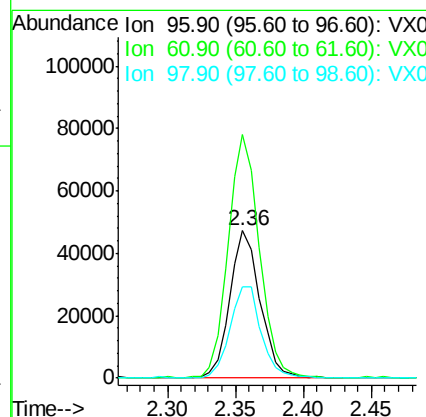
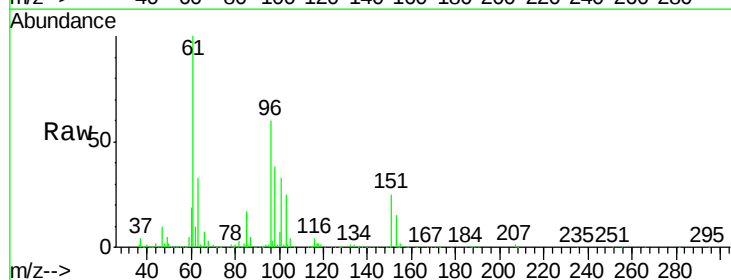
Tgt Ion: 59 Resp: 95212
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.9 13.3

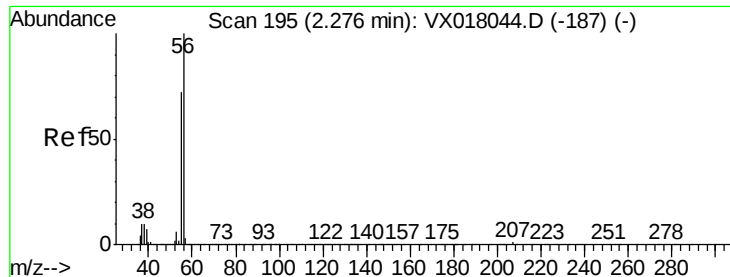


#12

1,1-Dichloroethene
 Concen: 17.542 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX018432.D
 Acq: 16 Sep 2020 11:31

Tgt Ion: 96 Resp: 72767
 Ion Ratio Lower Upper
 96 100
 61 165.1 133.0 199.4
 98 61.9 51.6 77.4





#13

Acrolein

Concen: 68.746 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

ClientSampleId :

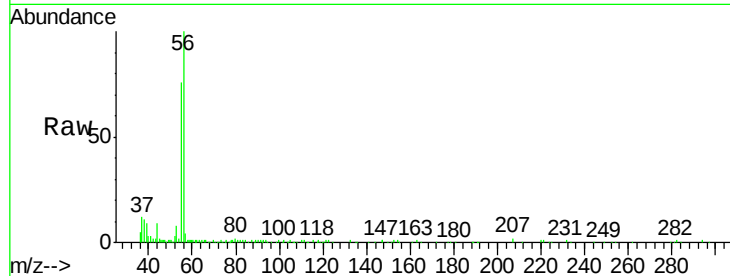
VX0916WBS01

Tgt Ion: 56 Resp: 32660

Ion Ratio Lower Upper

56 100

55 77.2 57.0 85.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

20000

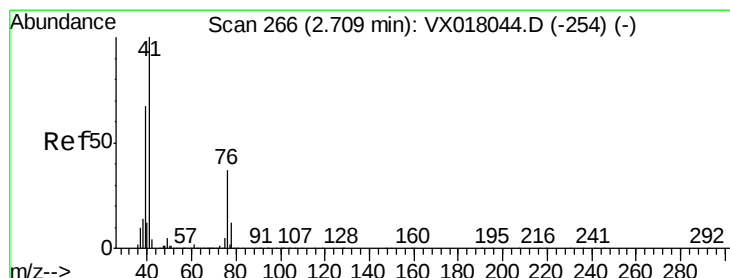
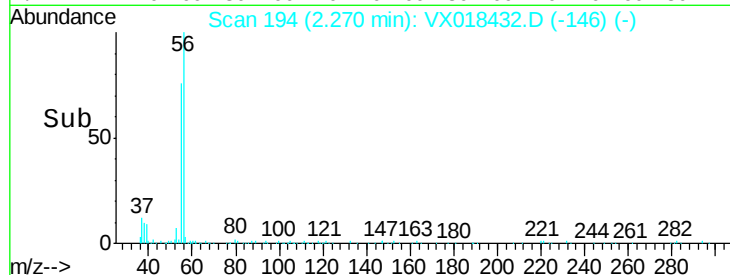
15000

10000

5000

0

Time--> 2.20 2.25 2.30



#14

Allyl chloride

Concen: 18.081 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

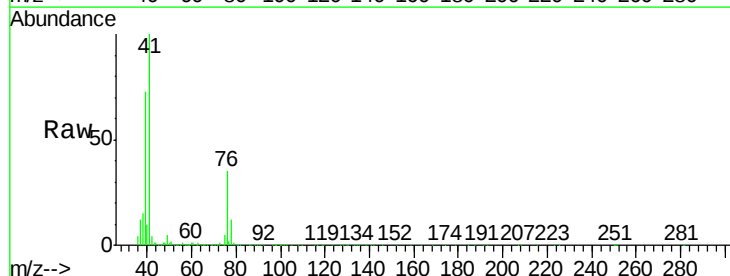
Tgt Ion: 41 Resp: 134753

Ion Ratio Lower Upper

41 100

39 66.9 50.6 76.0

76 32.9 26.2 39.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

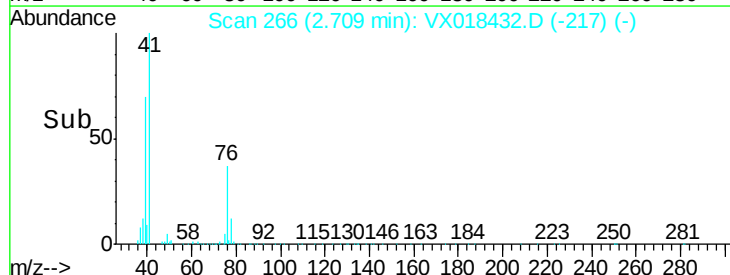
150000

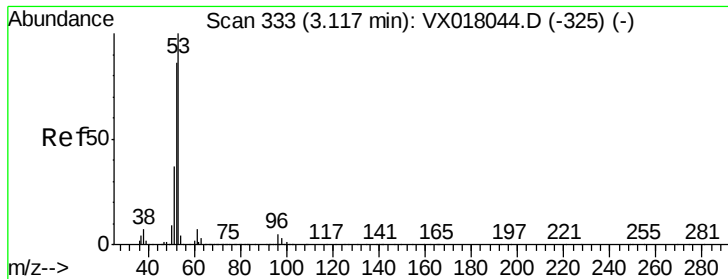
100000

50000

0

Time--> 2.60 2.70 2.80





#15

Acrylonitrile

Concen: 86.094 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

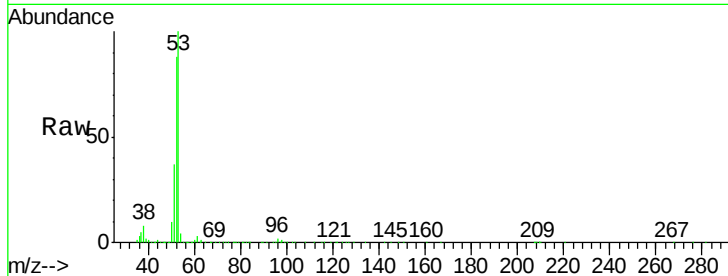
Tgt Ion: 53 Resp: 223760

Ion Ratio Lower Upper

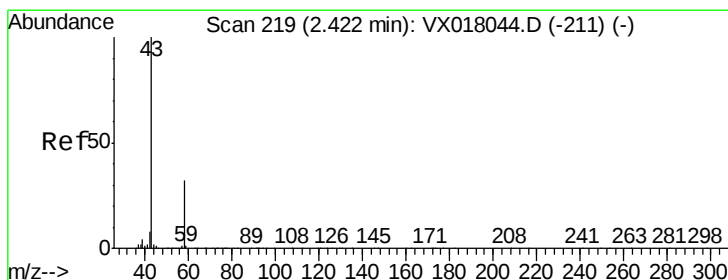
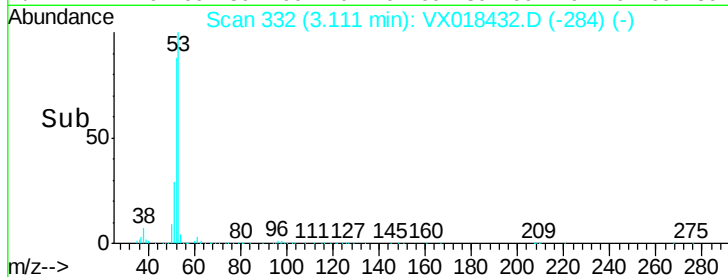
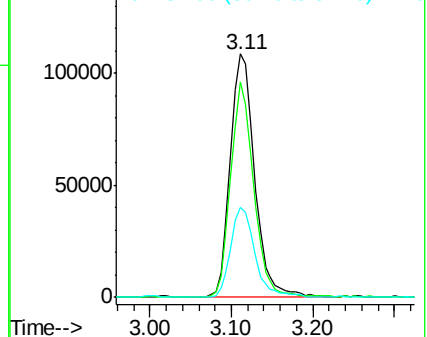
53 100

52 83.8 66.9 100.3

51 36.9 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: 89.638 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX018432.D

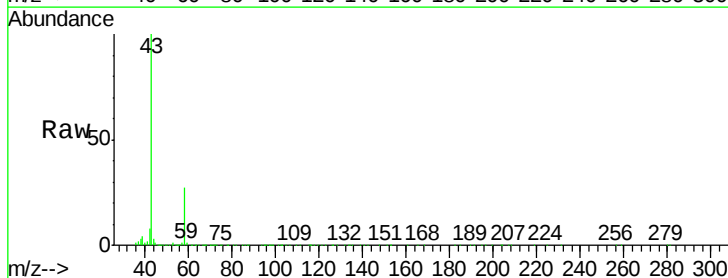
Acq: 16 Sep 2020 11:31

Tgt Ion: 43 Resp: 205823

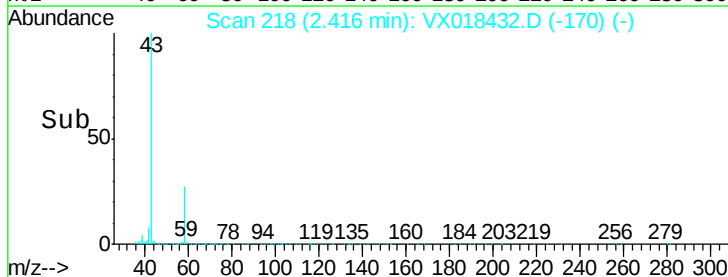
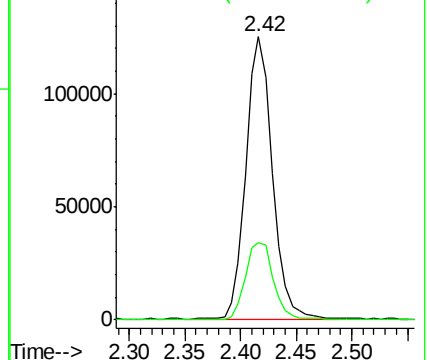
Ion Ratio Lower Upper

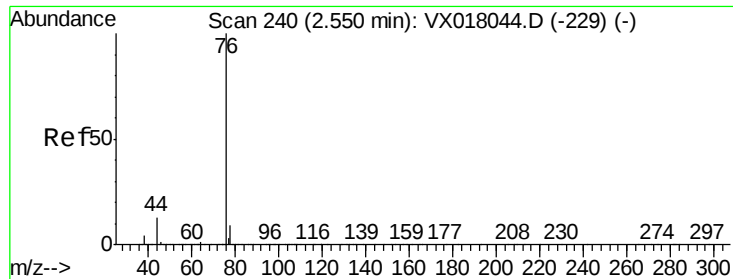
43 100

58 27.3 25.5 38.3



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





#17

Carbon Disulfide

Concen: 15.229 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

ClientSampled :

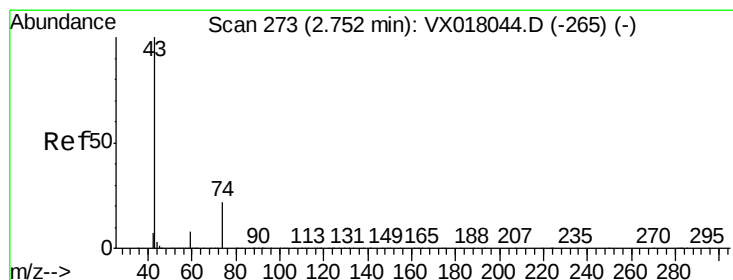
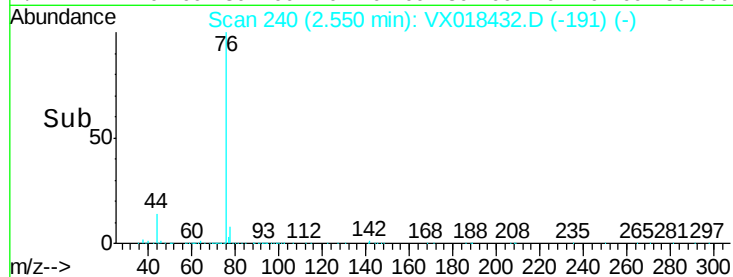
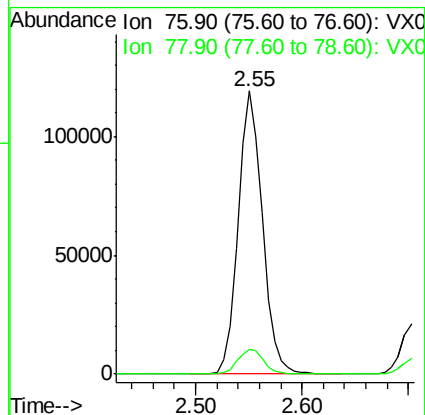
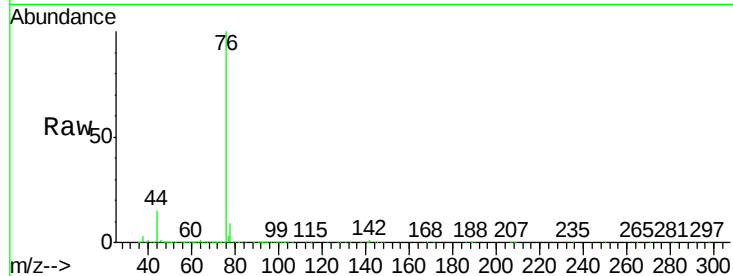
VX0916WBS01

Tgt Ion: 76 Resp: 190963

Ion Ratio Lower Upper

76 100

78 8.5 7.4 11.0



#18

Methyl Acetate

Concen: 21.598 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX018432.D

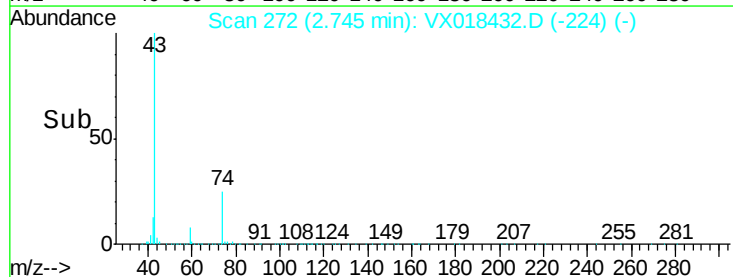
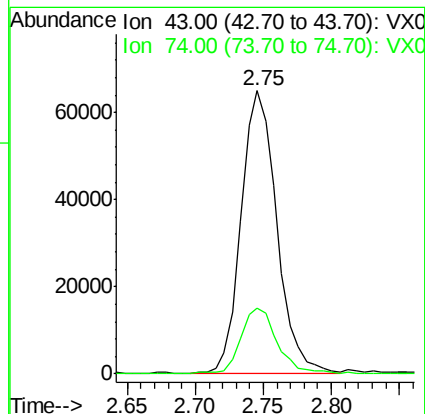
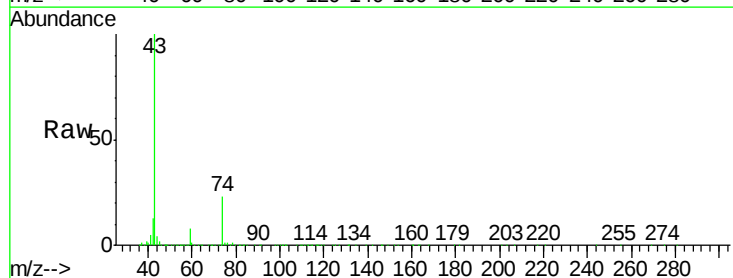
Acq: 16 Sep 2020 11:31

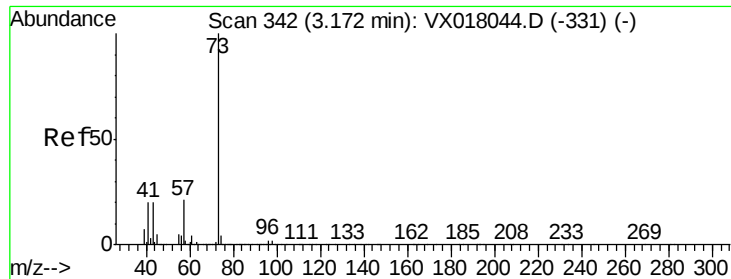
Tgt Ion: 43 Resp: 119674

Ion Ratio Lower Upper

43 100

74 24.0 18.2 27.4

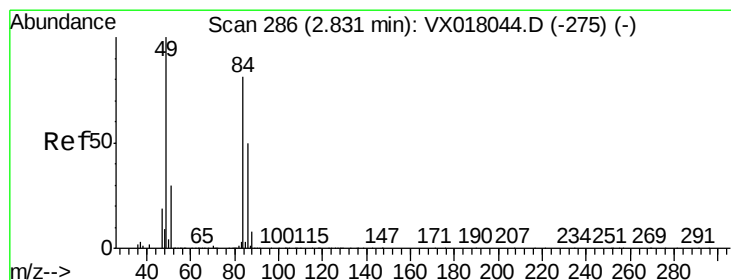
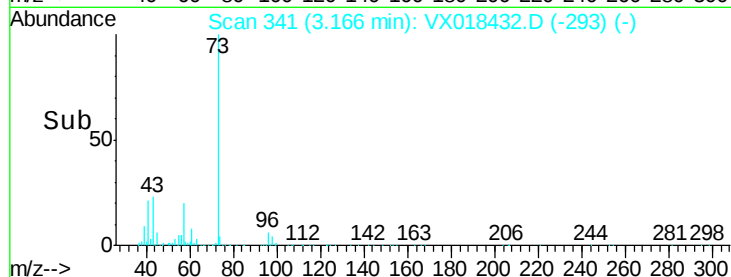
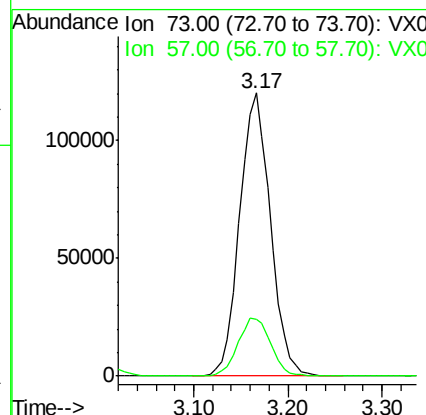
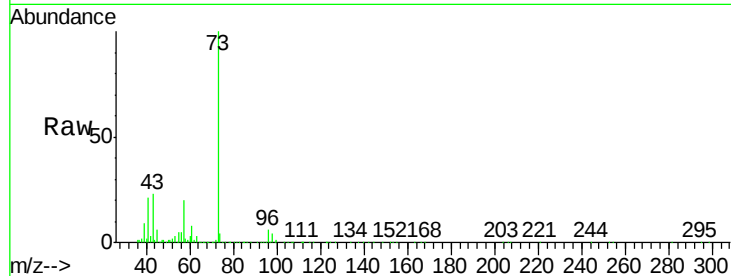




#19
Methyl tert-butyl Ether
Concen: 19.270 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

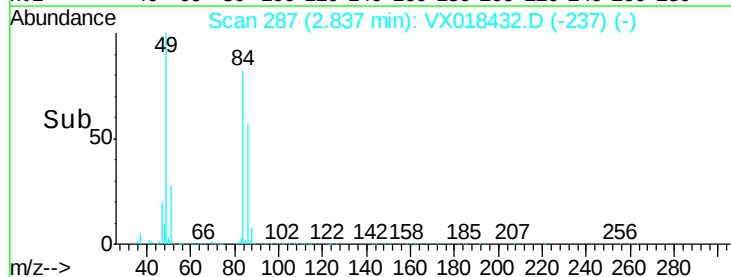
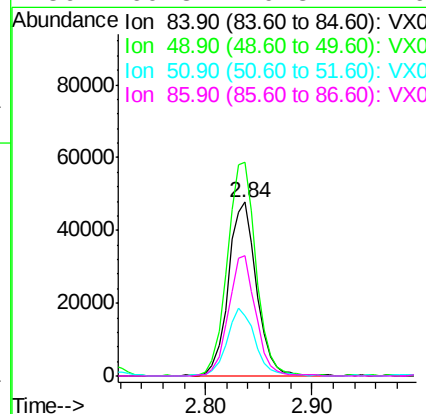
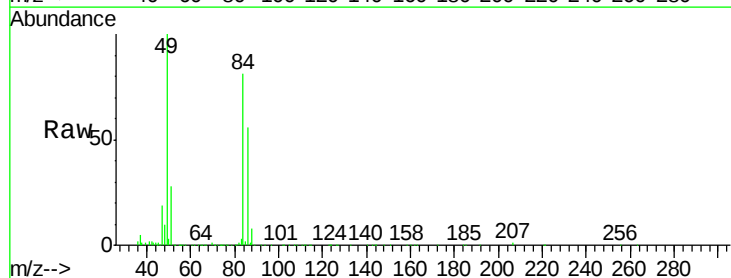
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

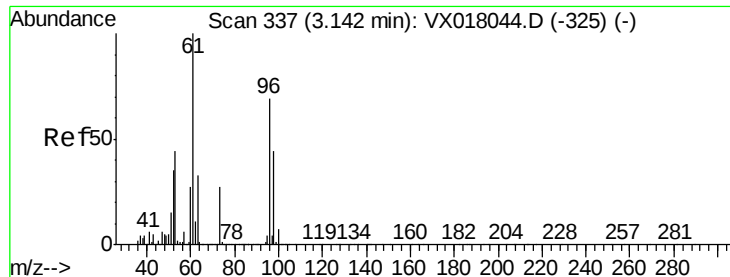
Tgt Ion: 73 Resp: 274137
Ion Ratio Lower Upper
73 100
57 20.3 16.8 25.2



#20
Methylene Chloride
Concen: 18.099 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Tgt Ion: 84 Resp: 88470
Ion Ratio Lower Upper
84 100
49 122.6 98.6 148.0
51 34.7 29.6 44.4
86 69.3 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 18.004 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

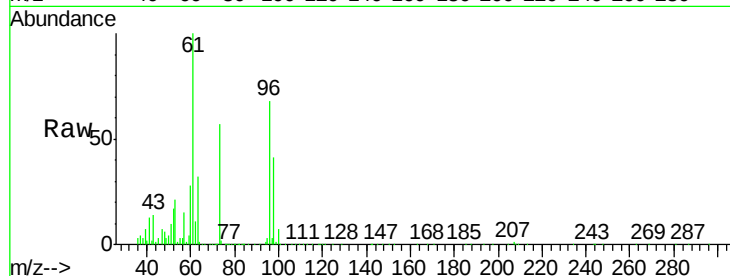
Tgt Ion: 96 Resp: 82740

Ion Ratio Lower Upper

96 100

61 146.4 115.4 173.0

98 60.0 51.1 76.7

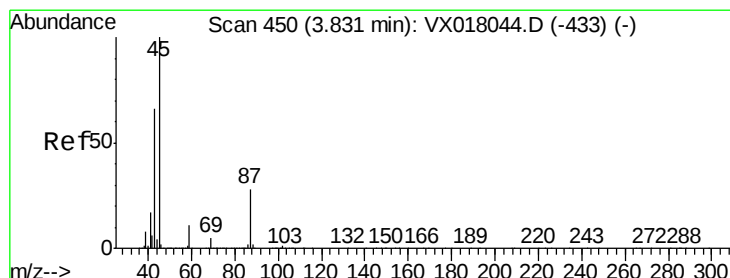
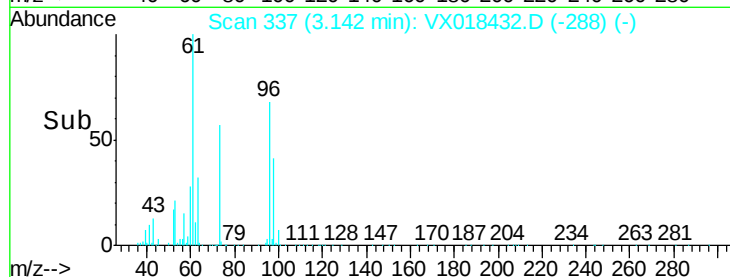
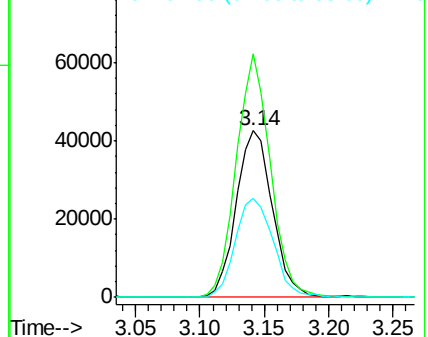


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.098 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Tgt Ion: 45 Resp: 280909

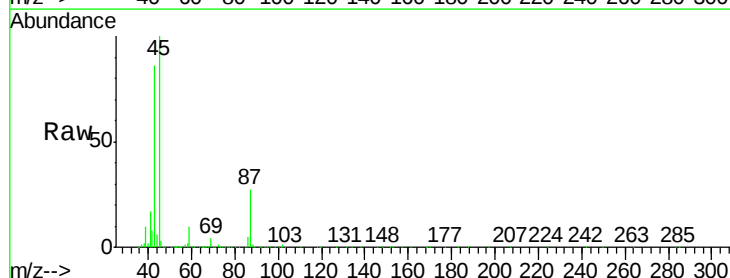
Ion Ratio Lower Upper

45 100

43 86.1 52.8 79.2#

87 26.7 22.5 33.7

59 10.3 9.0 13.6



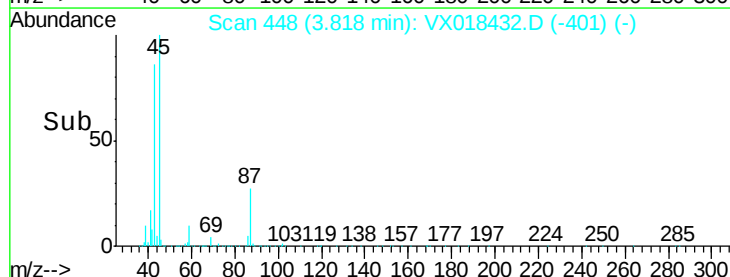
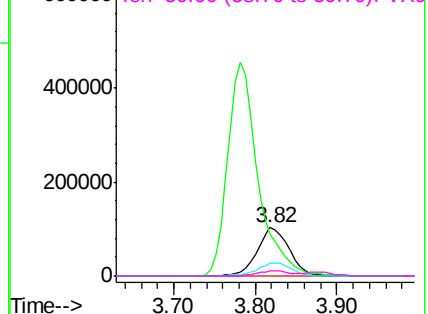
Abundance

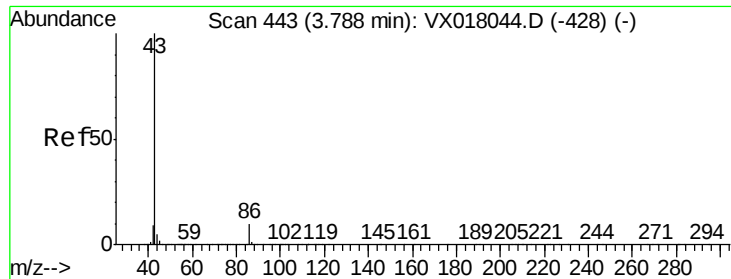
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

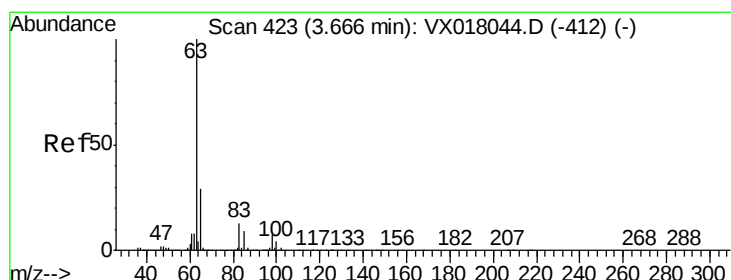
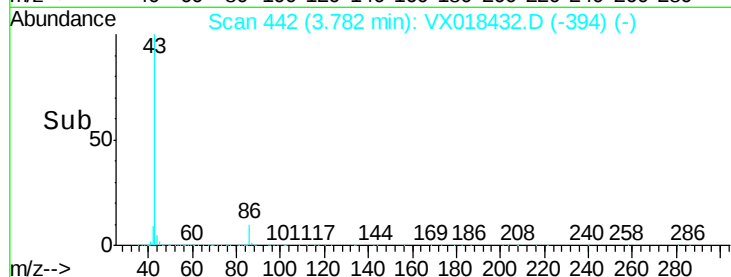
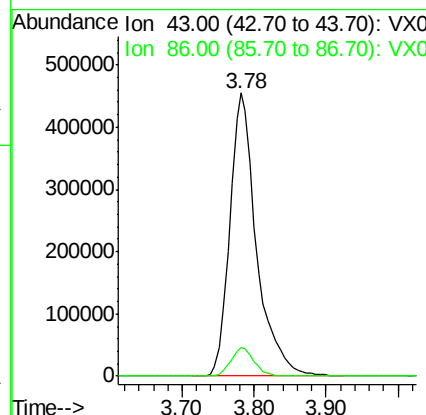
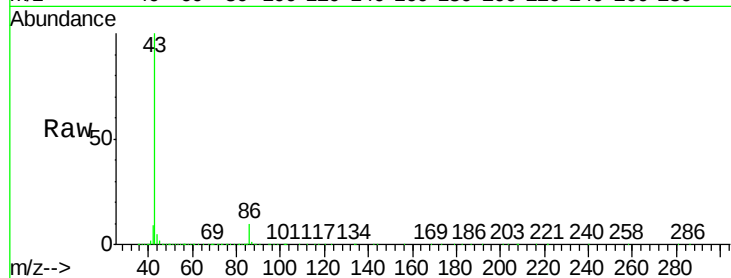




#23
 Vinyl Acetate
 Concen: 89.236 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. -0.01 min
 Lab File: VX018432.D
 Acq: 16 Sep 2020 11:31

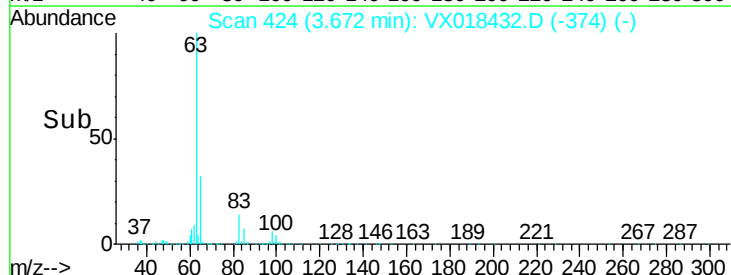
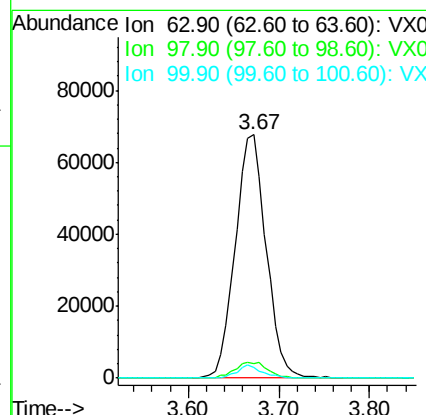
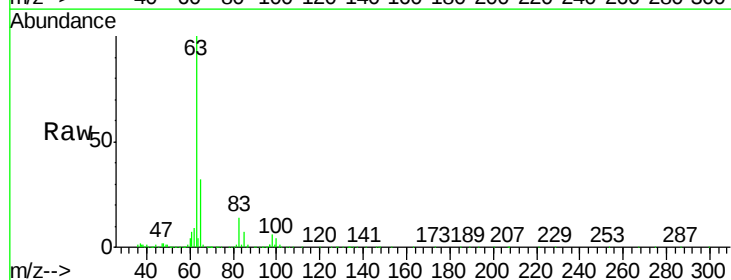
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBS01

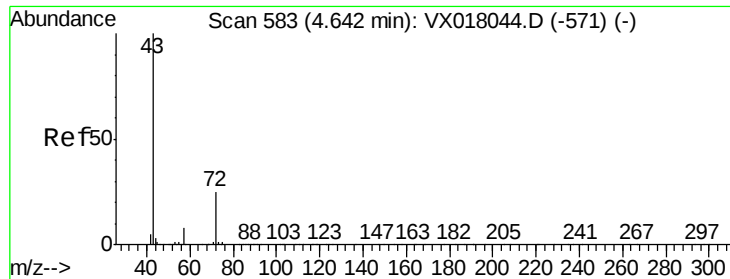
Tgt Ion: 43 Resp: 1167952
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 19.144 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.01 min
 Lab File: VX018432.D
 Acq: 16 Sep 2020 11:31

Tgt Ion: 63 Resp: 160296
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.6 10.8
 100 4.3 2.0 6.0

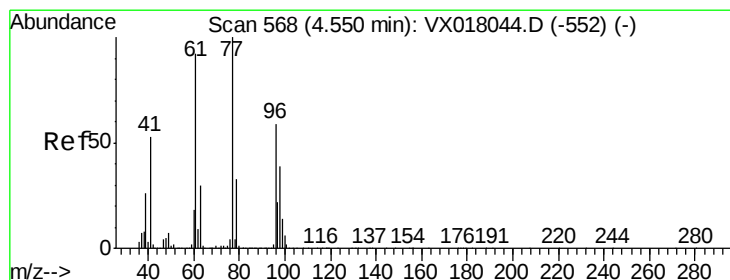
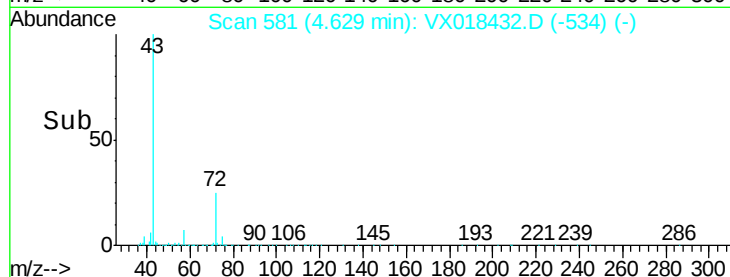
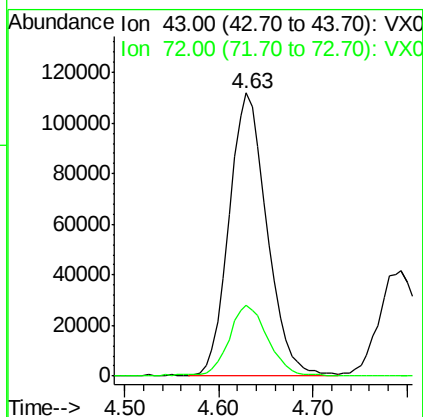
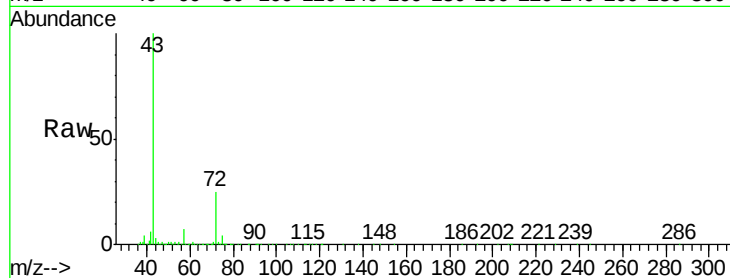




#25
2-Butanone
Concen: 82.540 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

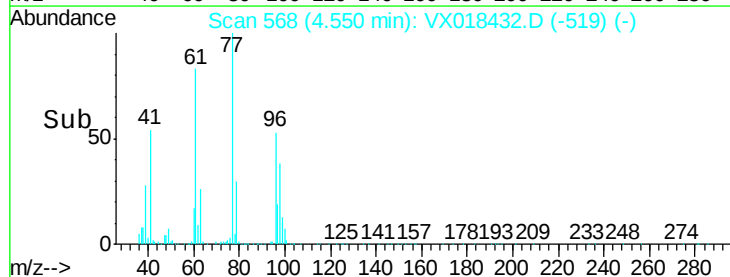
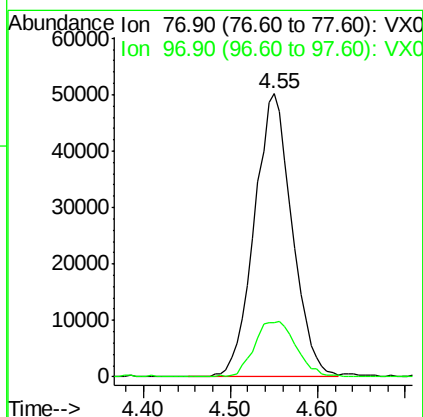
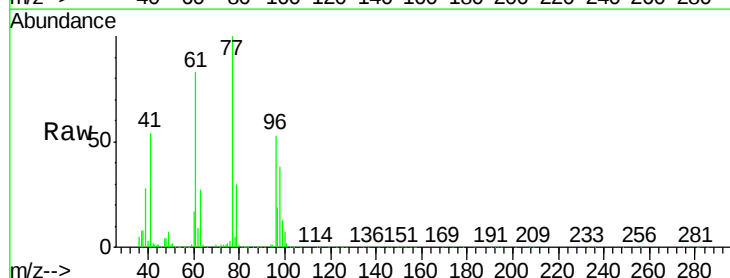
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tgt Ion: 43 Resp: 311479
Ion Ratio Lower Upper
43 100
72 25.1 19.8 29.6



#26
2,2-Dichloropropane
Concen: 22.176 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Tgt Ion: 77 Resp: 151080
Ion Ratio Lower Upper
77 100
97 21.6 11.5 34.5



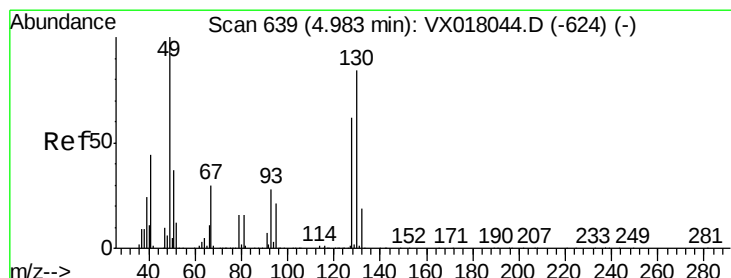
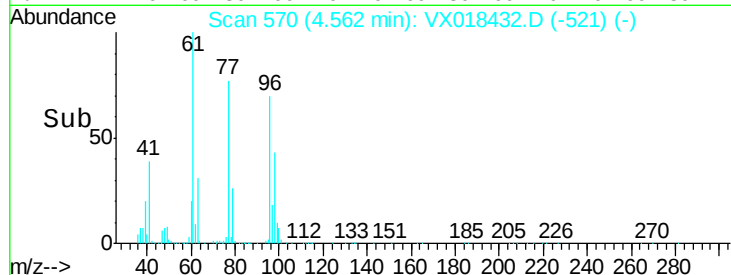
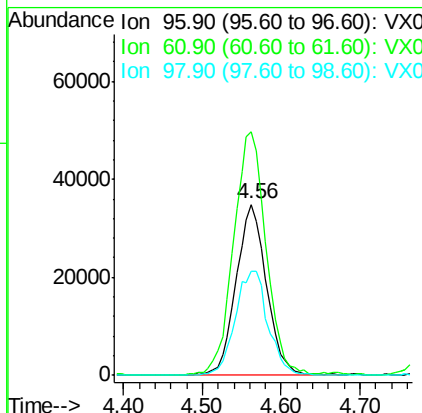
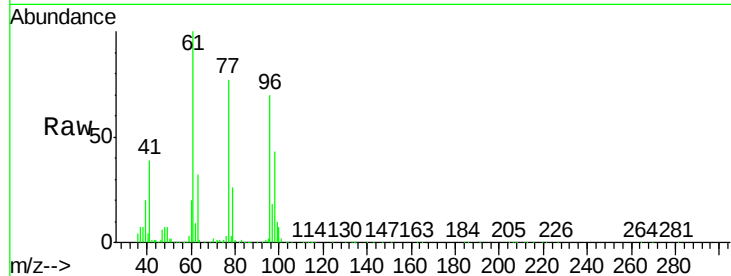


#27

cis-1,2-Dichloroethene
 Concen: 17.770 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX018432.D
 Acq: 16 Sep 2020 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBS01

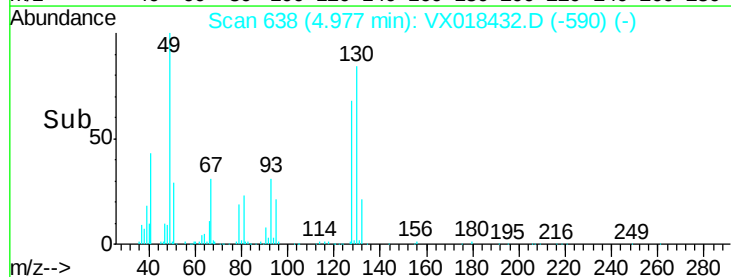
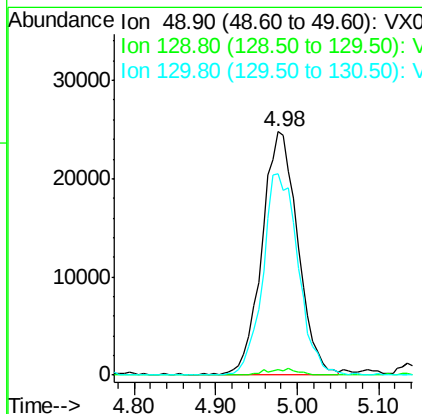
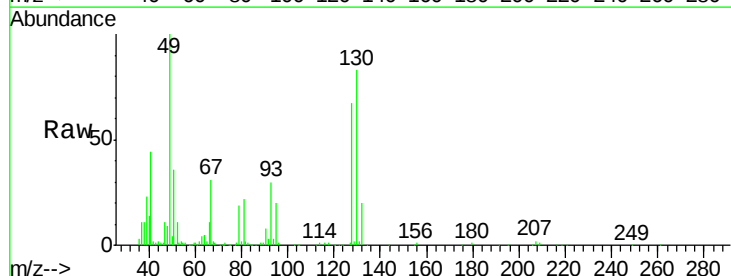
Tgt Ion: 96 Resp: 94094
 Ion Ratio Lower Upper
 96 100
 61 151.5 0.0 296.6
 98 65.4 0.0 130.2

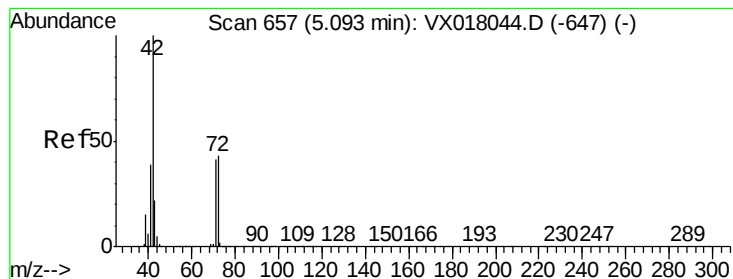


#28

Bromochloromethane
 Concen: 18.551 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX018432.D
 Acq: 16 Sep 2020 11:31

Tgt Ion: 49 Resp: 74977
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 82.2 64.6 96.8





#29

Tetrahydrofuran

Concen: 81.935 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

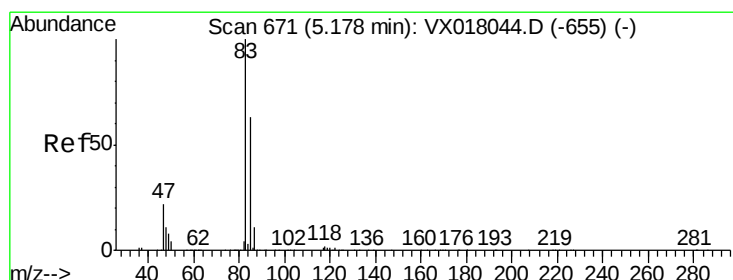
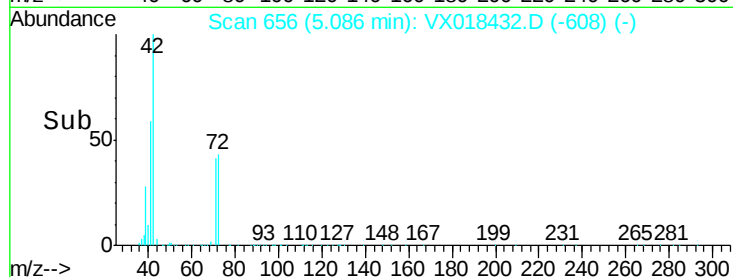
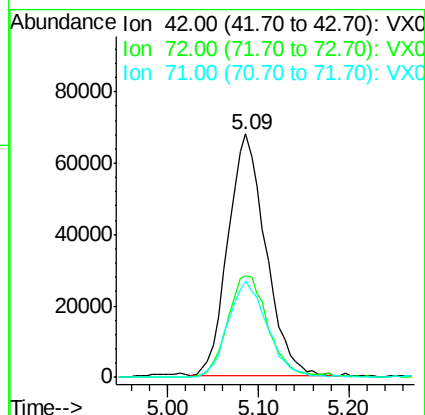
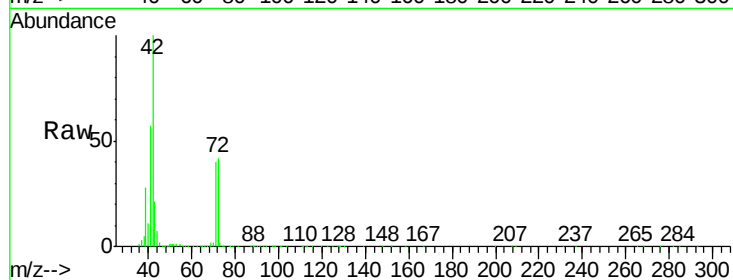
Tgt Ion: 42 Resp: 196827

Ion Ratio Lower Upper

42 100

72 44.7 34.2 51.4

71 41.7 32.1 48.1



#30

Chloroform

Concen: 19.438 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX018432.D

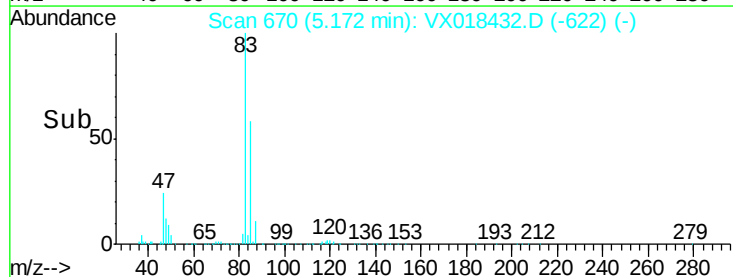
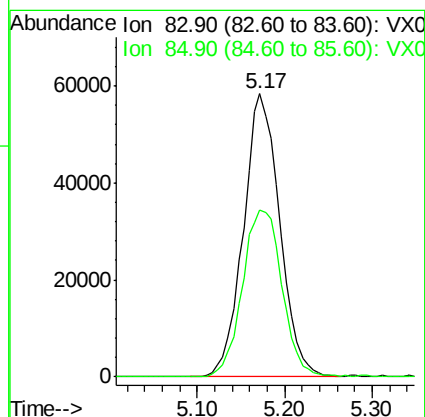
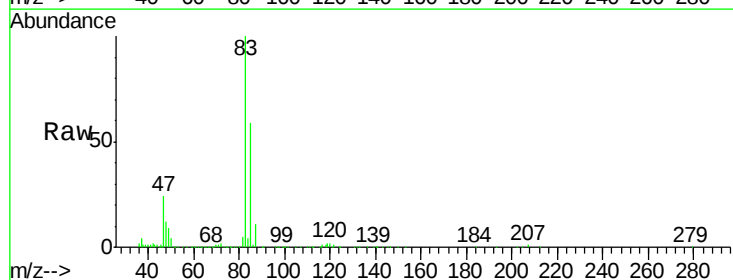
Acq: 16 Sep 2020 11:31

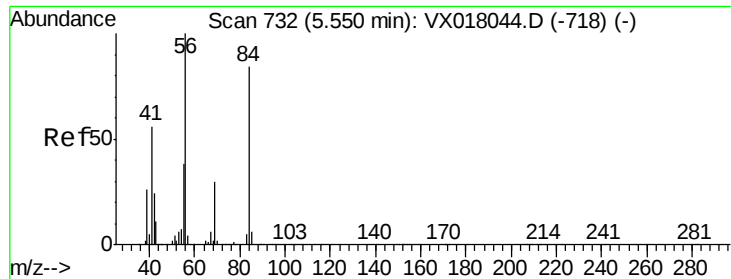
Tgt Ion: 83 Resp: 168528

Ion Ratio Lower Upper

83 100

85 58.8 50.7 76.1

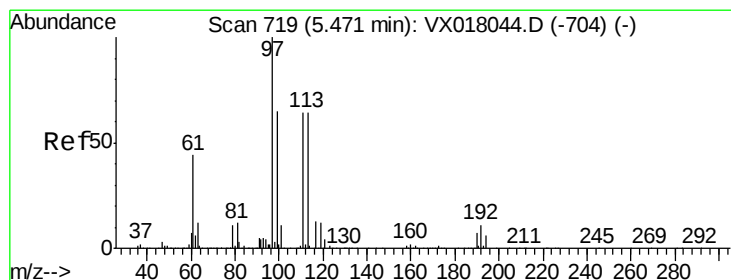
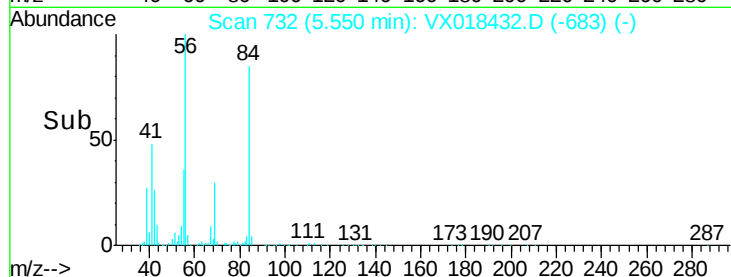
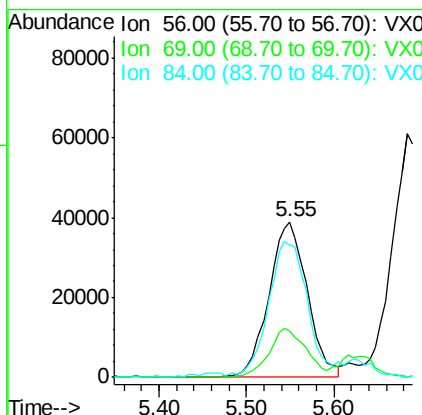
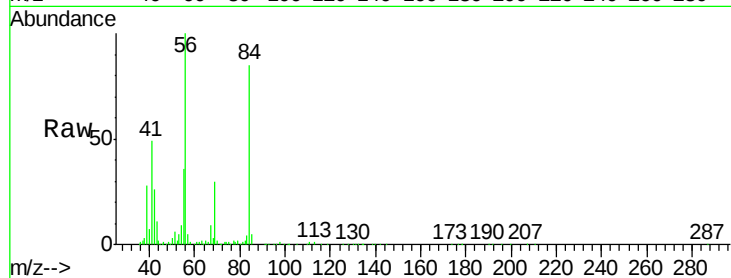




#31
Cyclohexane
Concen: 16.901 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

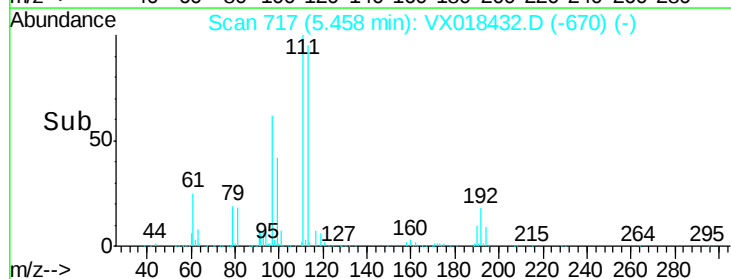
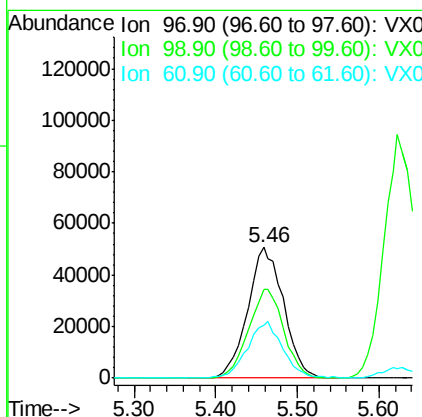
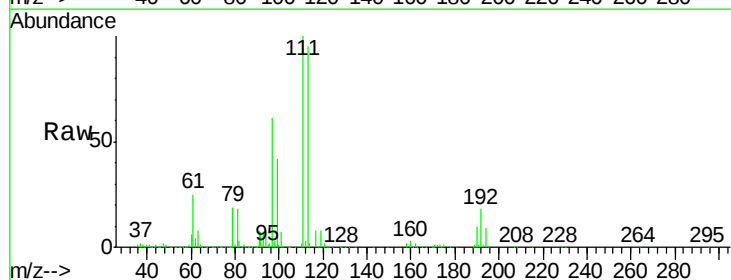
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

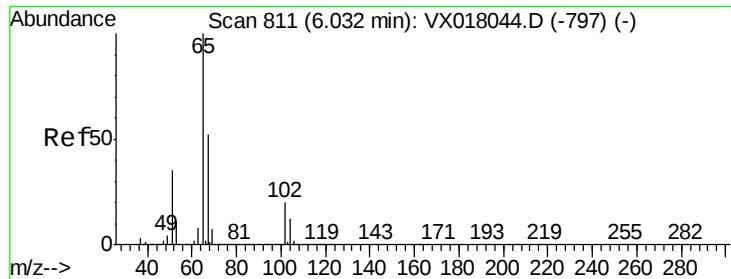
Tgt Ion: 56 Resp: 119203
Ion Ratio Lower Upper
56 100
69 29.6 23.9 35.9
84 82.8 67.0 100.4



#32
1,1,1-Trichloroethane
Concen: 19.456 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Tgt Ion: 97 Resp: 154798
Ion Ratio Lower Upper
97 100
99 67.2 51.4 77.0
61 42.4 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 50.565 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

ClientSampleId :

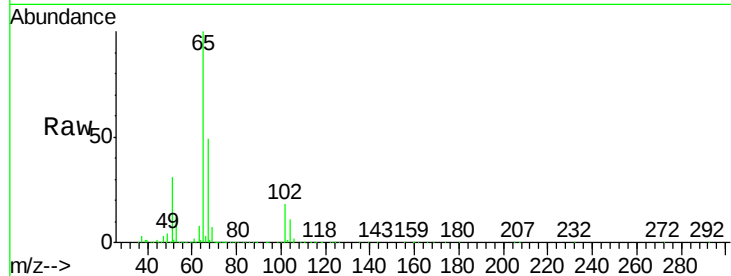
VX0916WBS01

Tgt Ion: 65 Resp: 297963

Ion Ratio Lower Upper

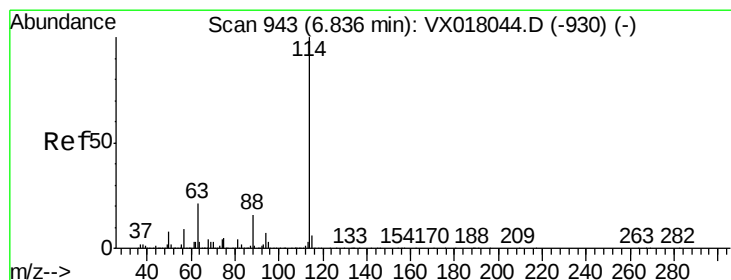
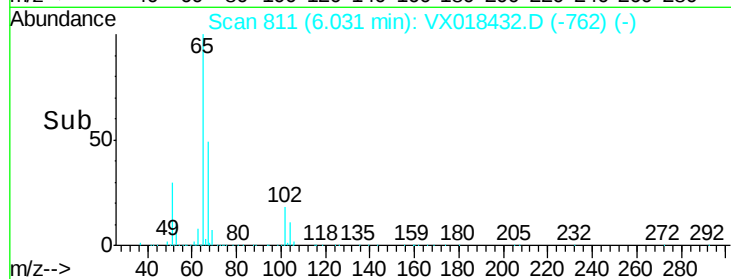
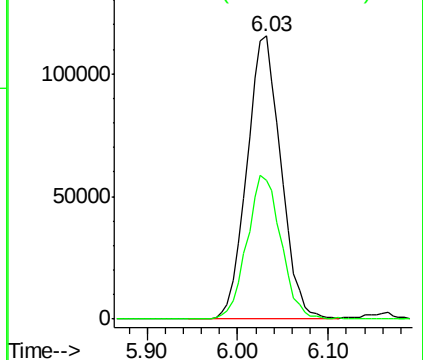
65 100

67 50.8 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

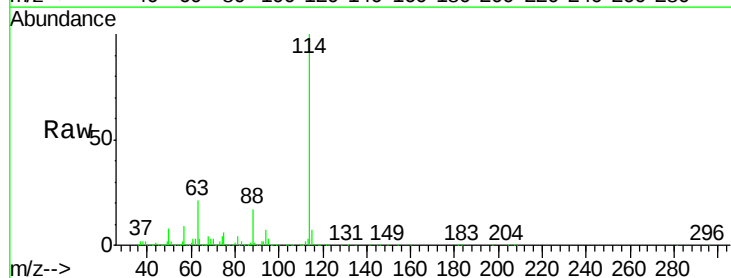
Tgt Ion: 114 Resp: 639730

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.6

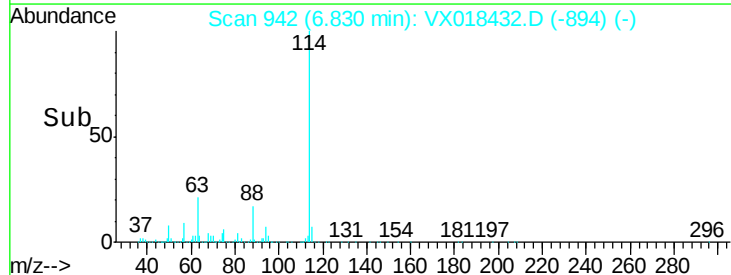
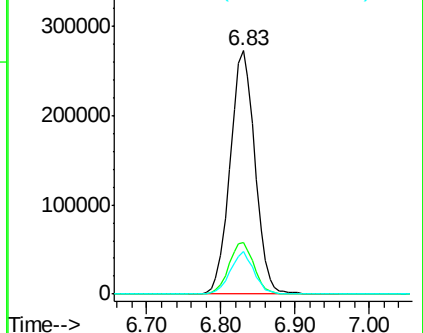
88 17.4 0.0 31.8

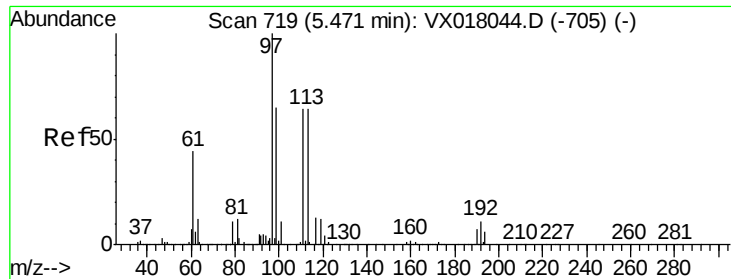


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.780 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

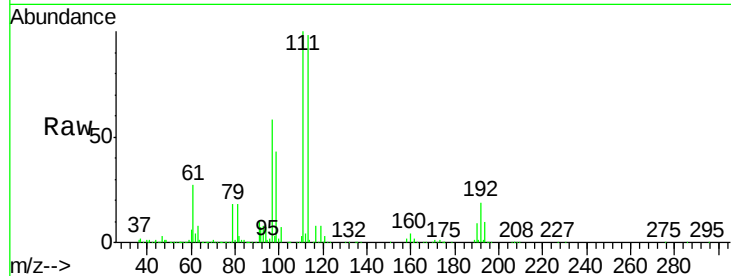
Tgt Ion:113 Resp: 229955

Ion Ratio Lower Upper

113 100

111 103.4 81.6 122.4

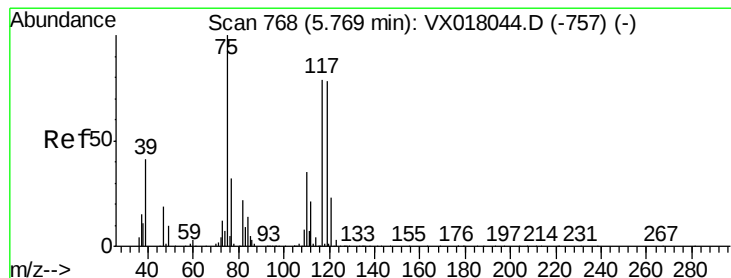
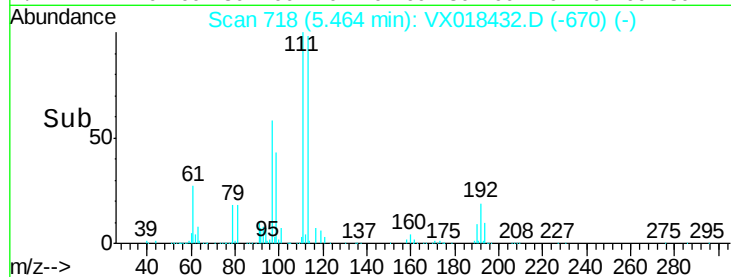
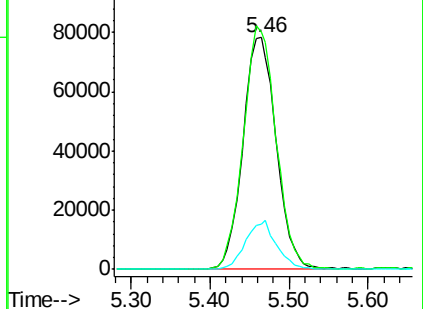
192 19.4 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.923 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

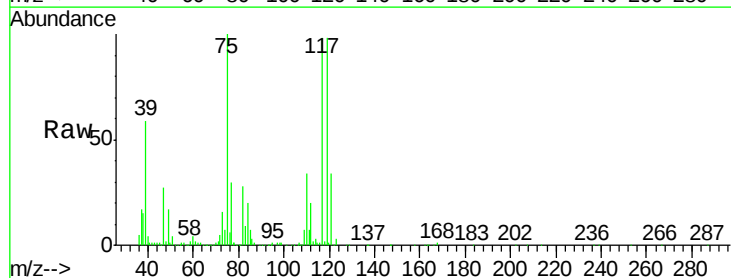
Tgt Ion: 75 Resp: 117558

Ion Ratio Lower Upper

75 100

110 35.7 18.0 54.0

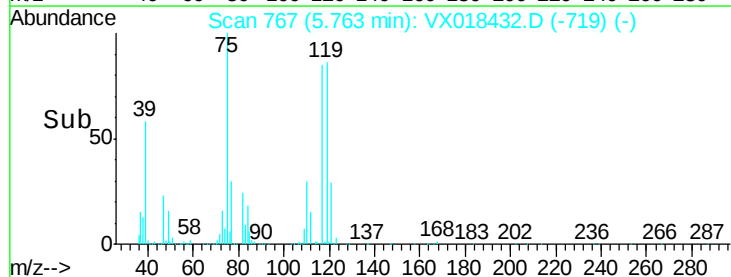
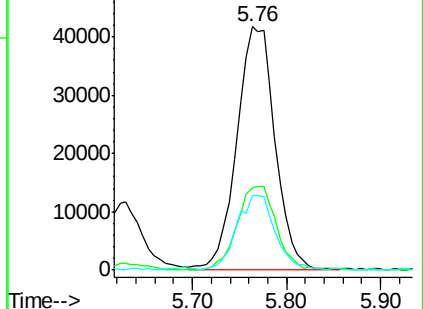
77 31.4 24.4 36.6

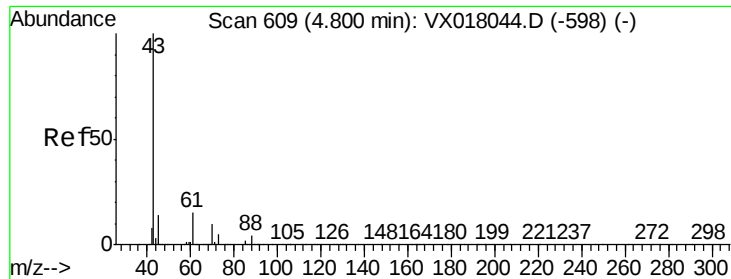


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

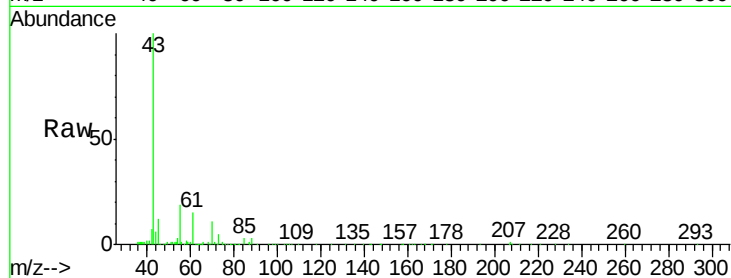




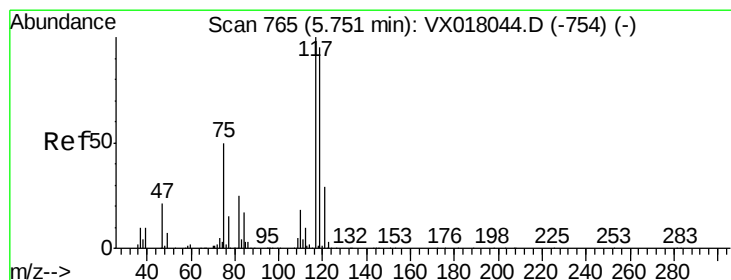
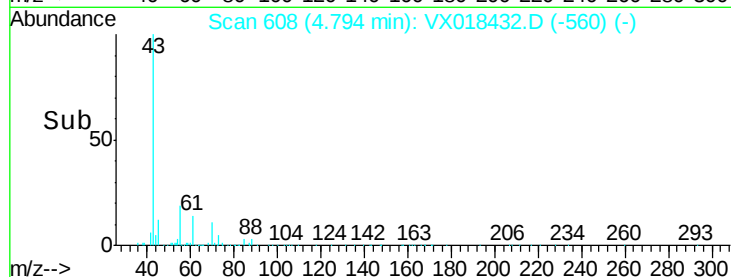
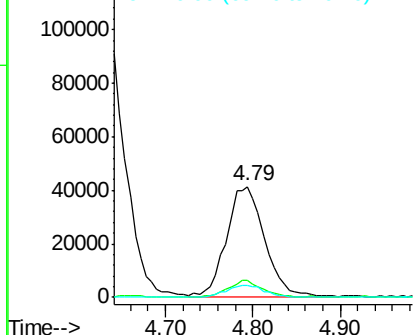
#37
Ethyl Acetate
Concen: 18.090 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Instrument :
MSVOA_X
ClientSampled :
VX0916WBS01

Tgt Ion: 43 Resp: 123971
Ion Ratio Lower Upper
43 100
61 14.7 11.3 16.9
70 11.3 8.2 12.4

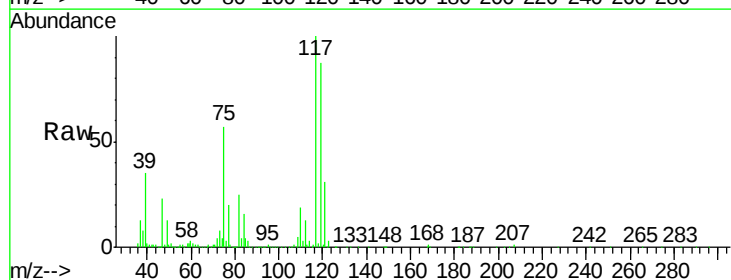


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

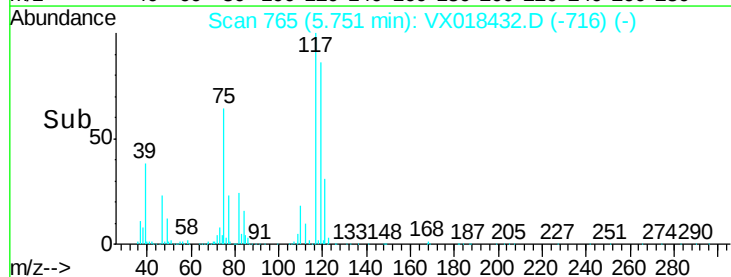
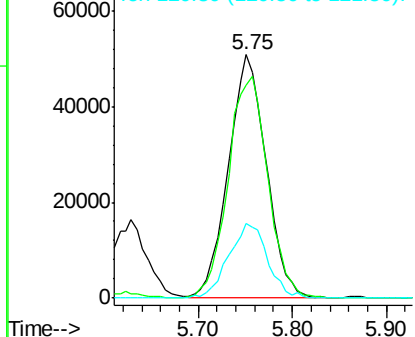


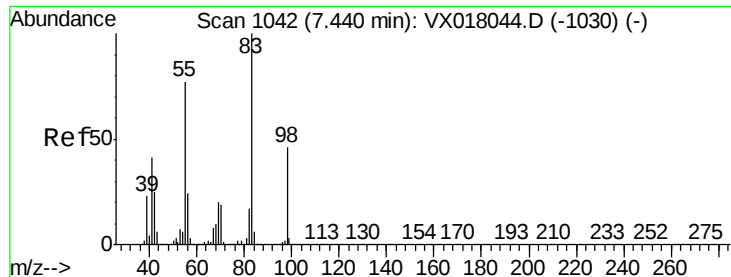
#38
Carbon Tetrachloride
Concen: 21.341 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Tgt Ion: 117 Resp: 141910
Ion Ratio Lower Upper
117 100
119 87.4 75.8 113.6
121 30.9 23.4 35.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

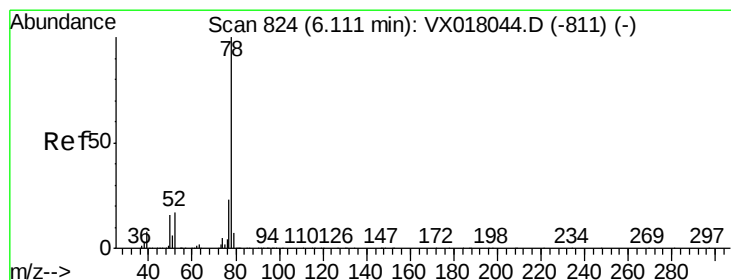
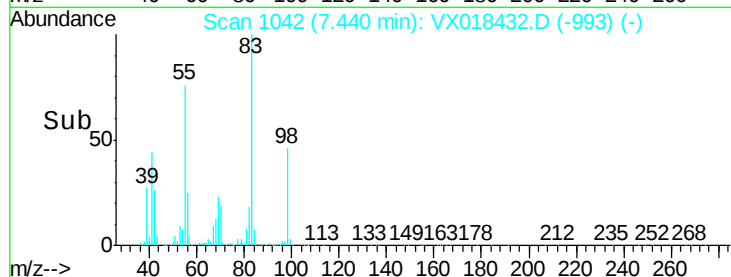
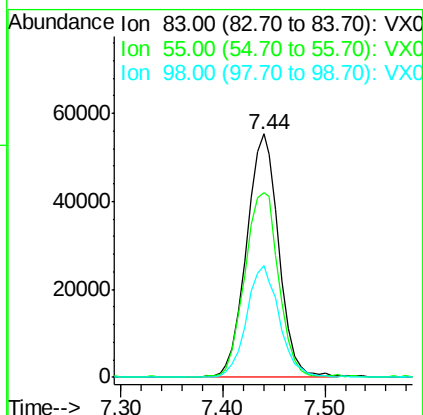
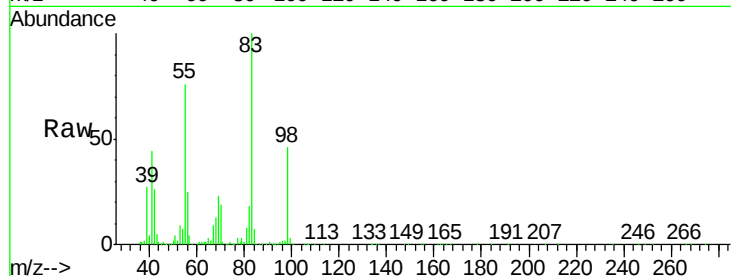




#39
Methylcyclohexane
Concen: 18.861 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

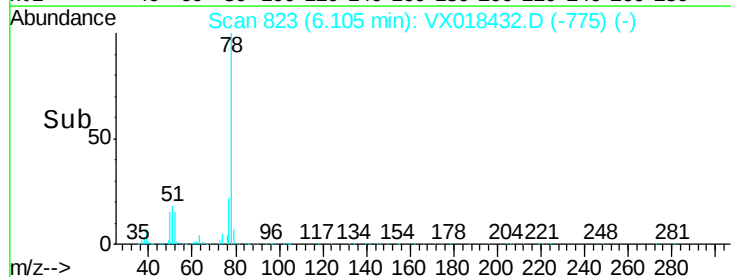
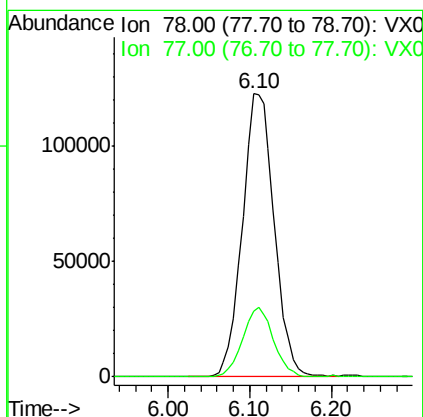
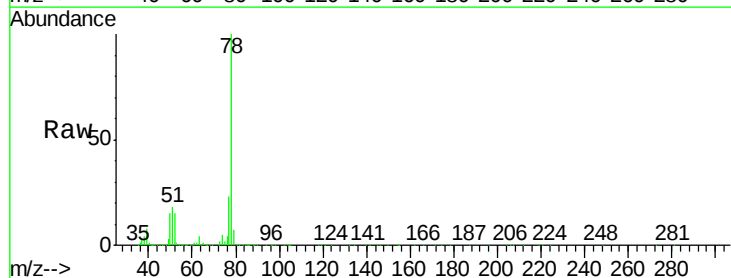
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

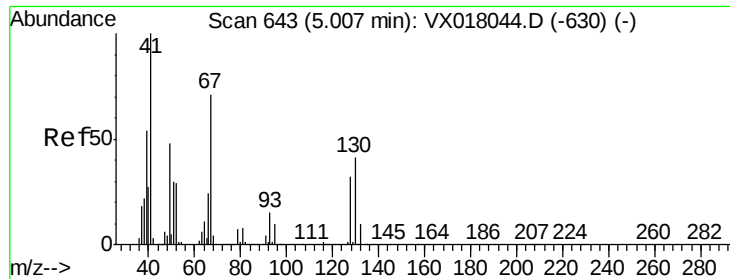
Tgt Ion: 83 Resp: 121693
Ion Ratio Lower Upper
83 100
55 75.6 61.8 92.6
98 46.0 36.6 55.0



#40
Benzene
Concen: 19.255 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Tgt Ion: 78 Resp: 333852
Ion Ratio Lower Upper
78 100
77 23.1 18.2 27.2





#41

Methacrylonitrile

Concen: 17.457 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

Tgt Ion: 41 Resp: 65687

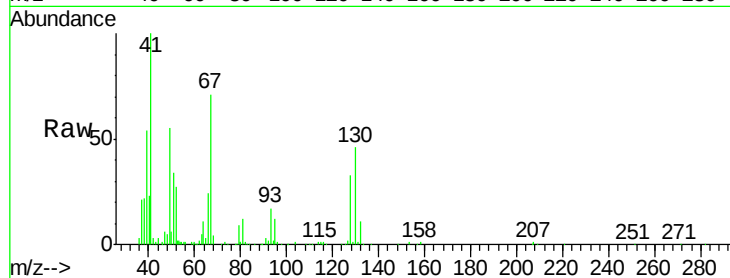
Ion Ratio Lower Upper

41 100

39 59.2 43.1 64.7

67 75.0 56.0 84.0

52 31.5 22.7 34.1

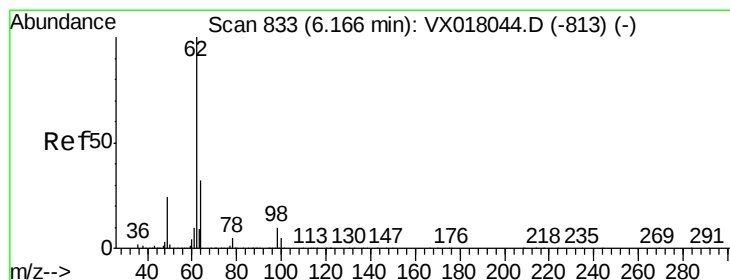
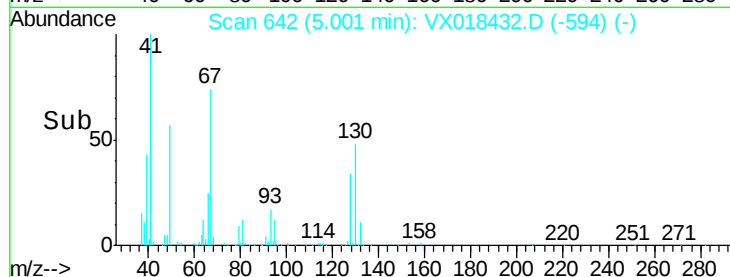
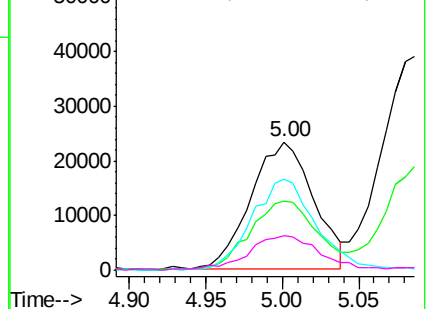


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 21.218 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX018432.D

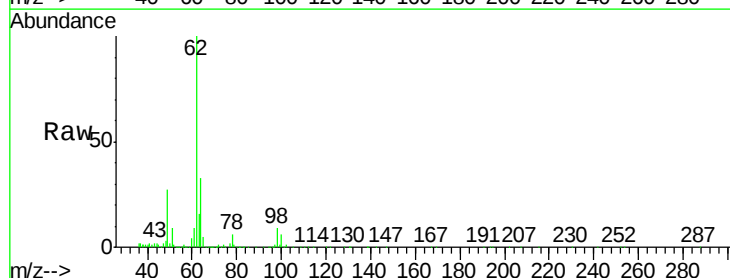
Acq: 16 Sep 2020 11:31

Tgt Ion: 62 Resp: 140950

Ion Ratio Lower Upper

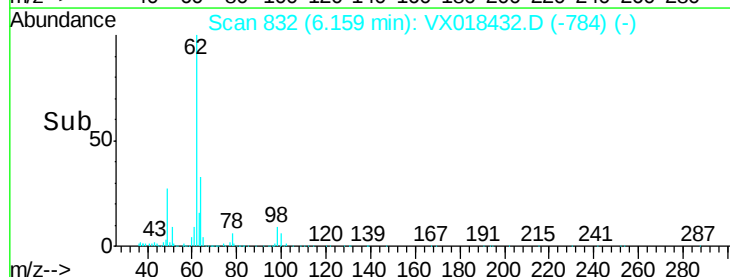
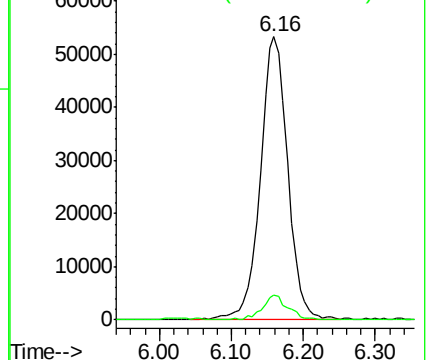
62 100

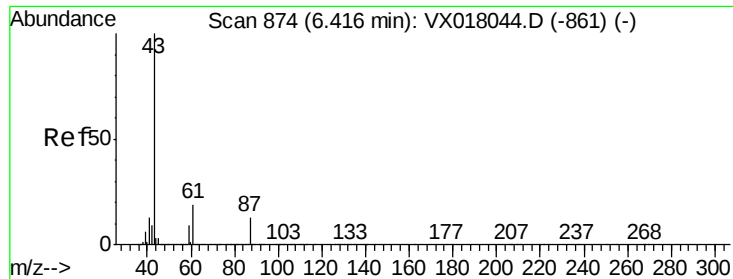
98 8.3 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



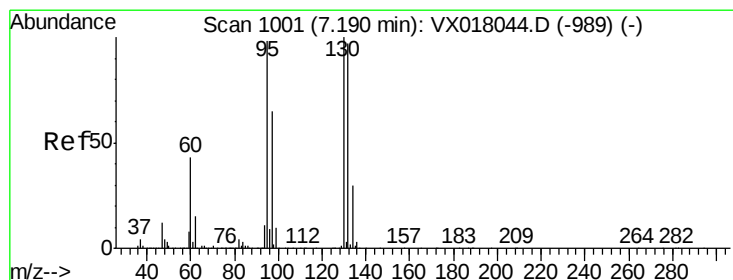
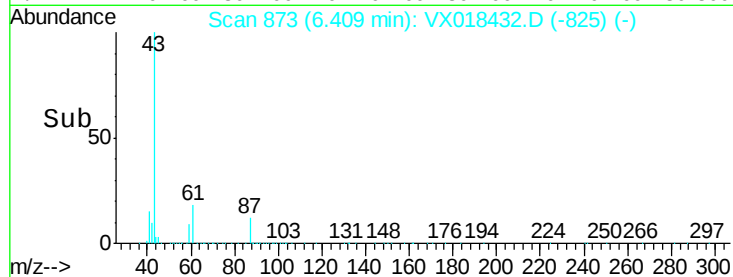
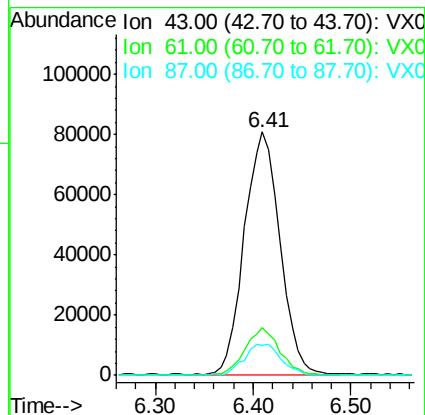
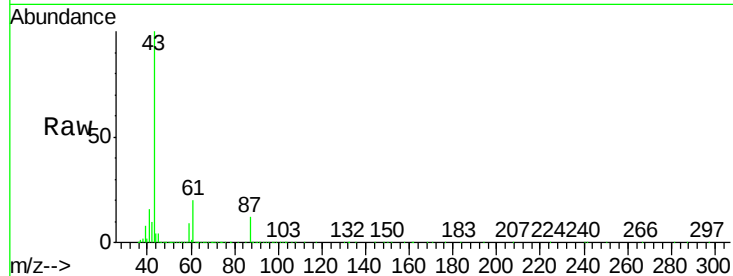


#43

Isopropyl Acetate
 Concen: 18.363 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018432.D
 Acq: 16 Sep 2020 11:31

Instrument :
 MSVOA_X
 ClientSampled :
 VX0916WBS01

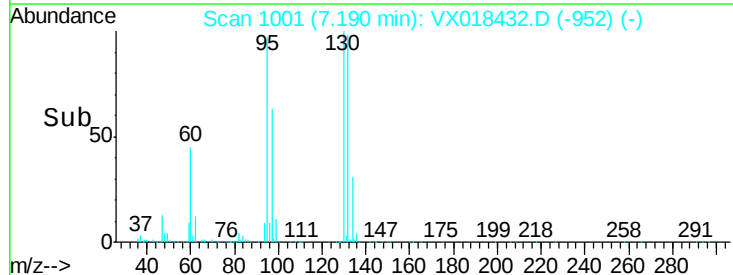
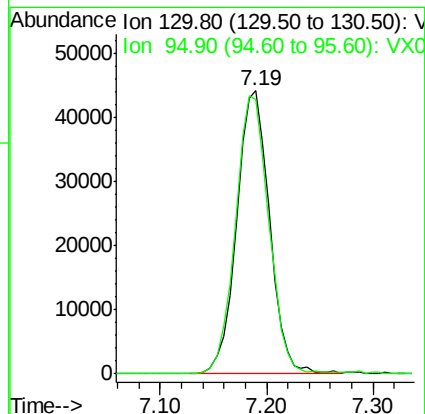
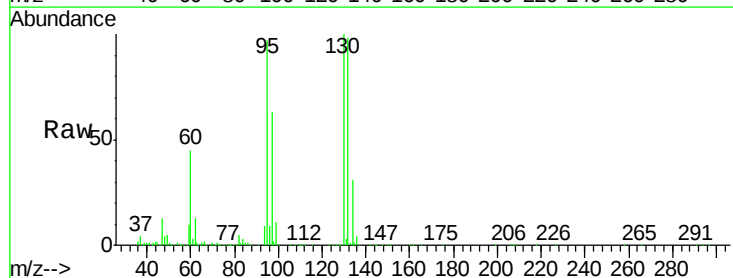
Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.7	23.5
87	13.7	10.3	15.5



#44

Trichloroethene
 Concen: 19.588 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018432.D
 Acq: 16 Sep 2020 11:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.7	0.0	196.4

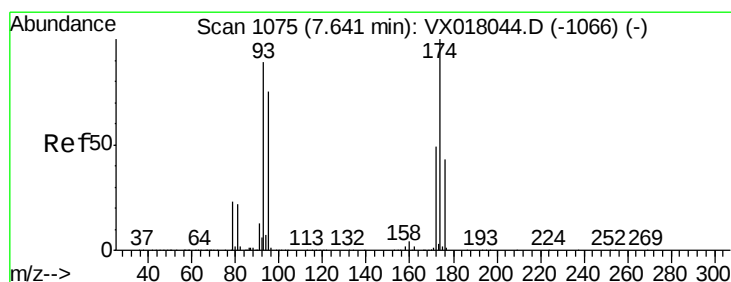
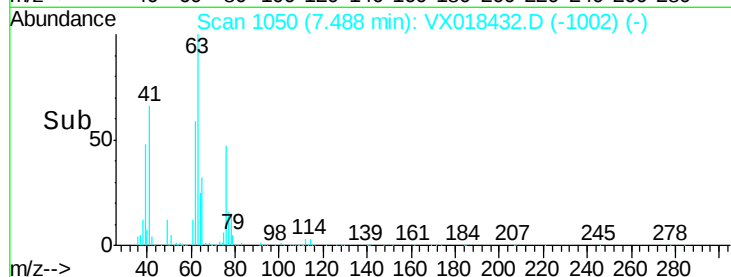
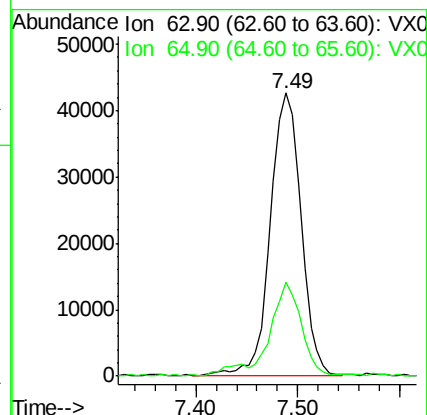
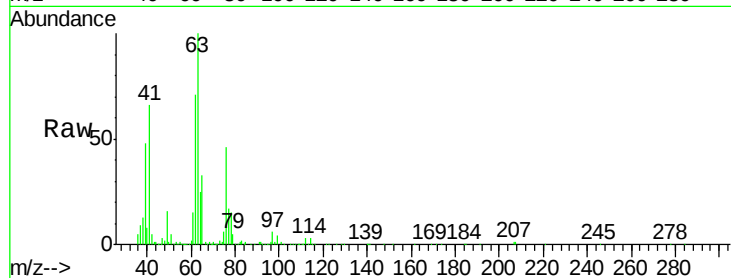




#45
 1,2-Dichloropropane
 Concen: 19.177 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX018432.D
 Acq: 16 Sep 2020 11:31

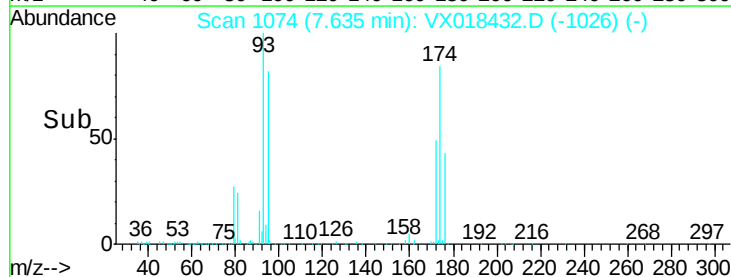
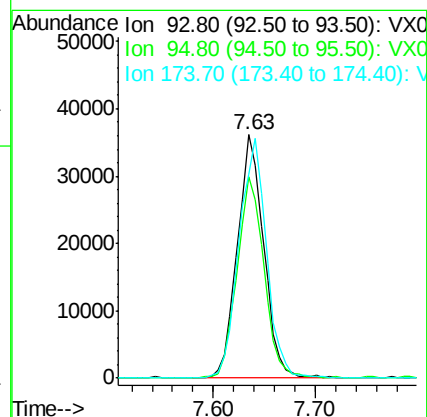
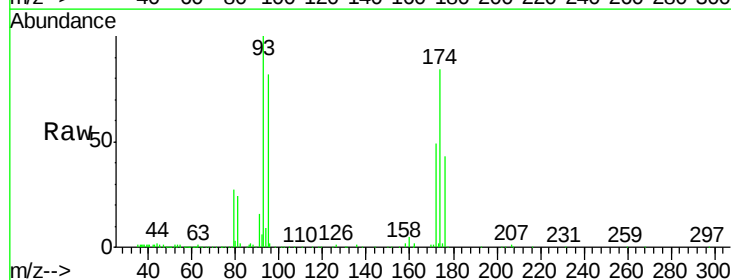
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBS01

Tgt Ion: 63 Resp: 89614
 Ion Ratio Lower Upper
 63 100
 65 32.7 25.7 38.5



#46
 Dibromomethane
 Concen: 19.693 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX018432.D
 Acq: 16 Sep 2020 11:31

Tgt Ion: 93 Resp: 64711
 Ion Ratio Lower Upper
 93 100
 95 84.4 67.3 100.9
 174 102.5 82.2 123.2





#47

Bromodichloromethane

Concen: 21.039 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

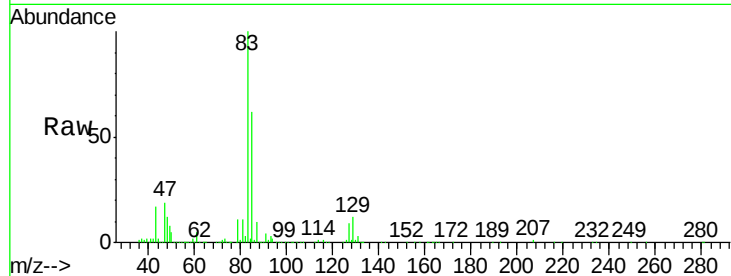
Tgt Ion: 83 Resp: 138044

Ion Ratio Lower Upper

83 100

85 61.7 51.8 77.6

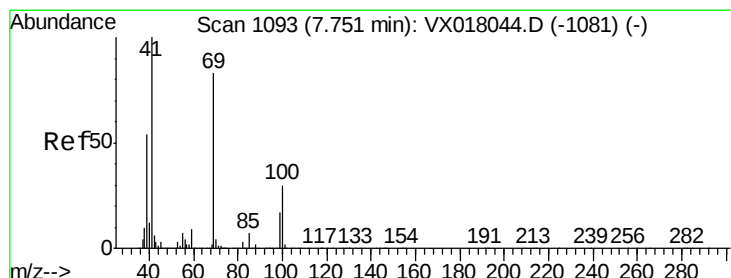
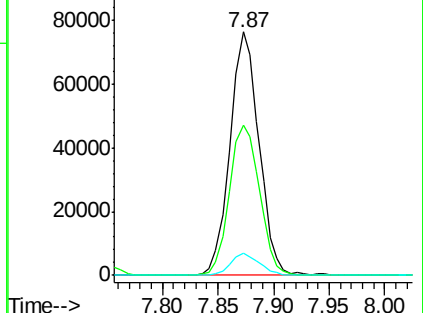
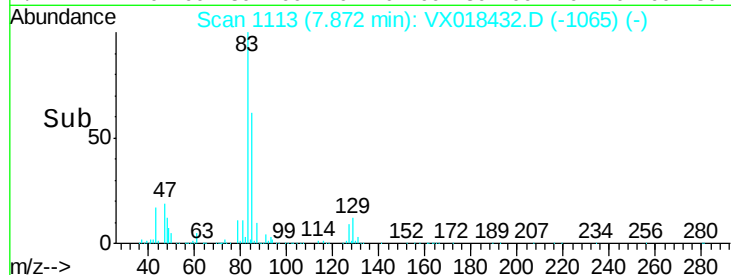
127 8.9 7.7 11.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 17.866 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

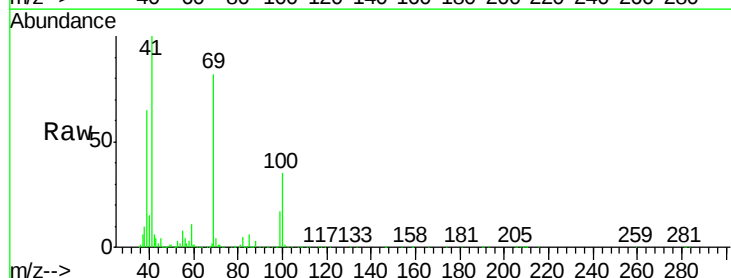
Tgt Ion: 41 Resp: 98448

Ion Ratio Lower Upper

41 100

69 80.6 65.5 98.3

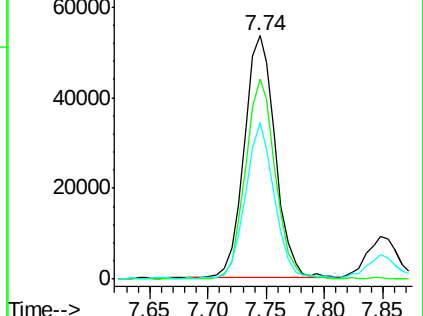
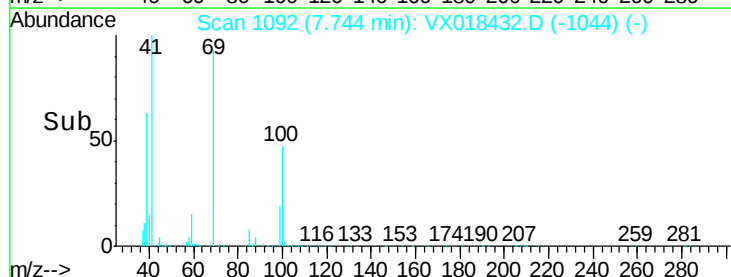
39 60.1 44.5 66.7

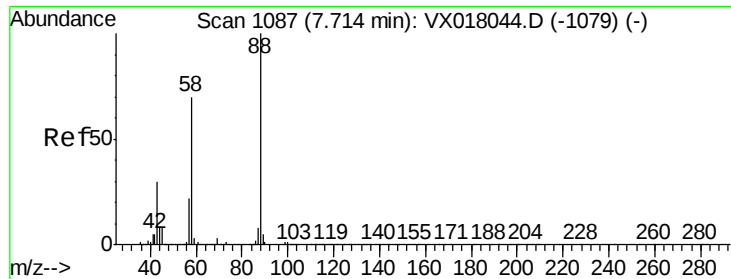


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

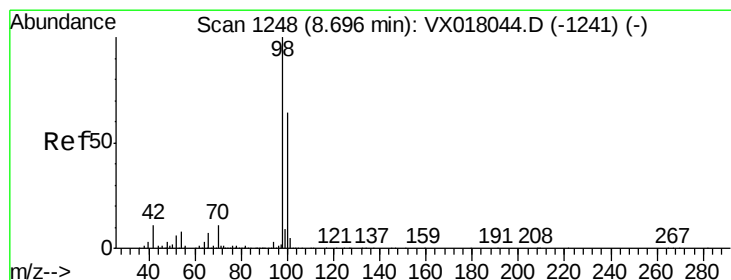
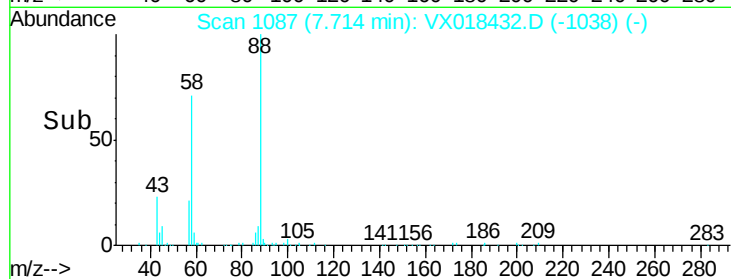
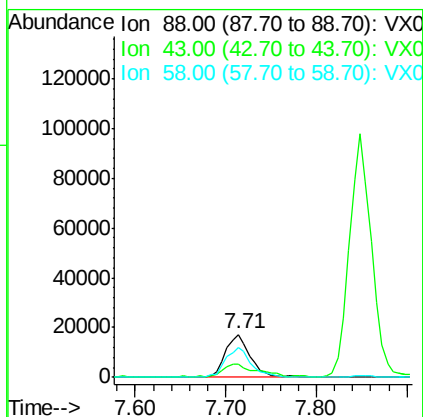
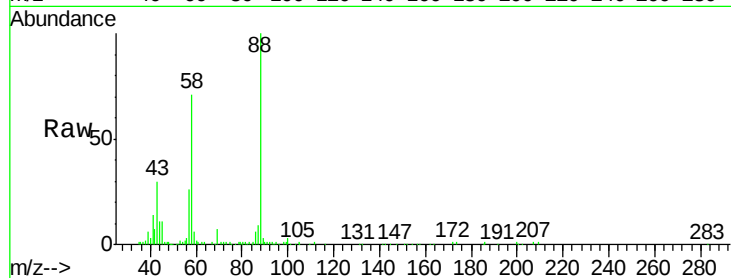




#49
1,4-Dioxane
Concen: 335.606 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

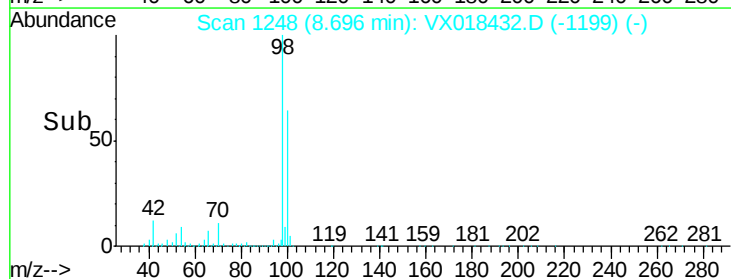
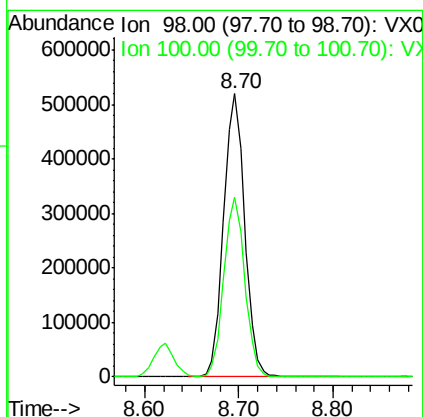
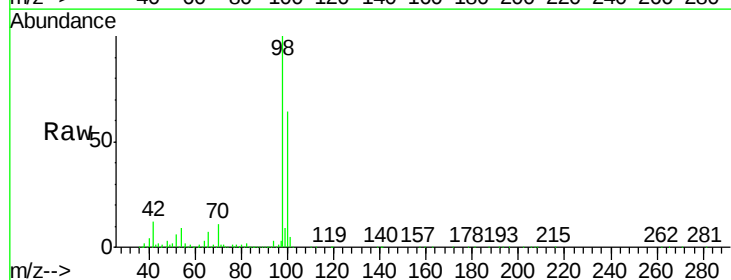
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

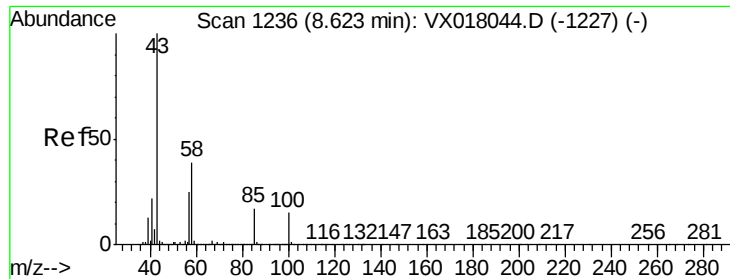
Tgt Ion: 88 Resp: 33498
Ion Ratio Lower Upper
88 100
43 37.1 27.4 41.0
58 71.0 56.4 84.6



#50
Toluene-d8
Concen: 49.663 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Tgt Ion: 98 Resp: 805897
Ion Ratio Lower Upper
98 100
100 63.3 52.2 78.4

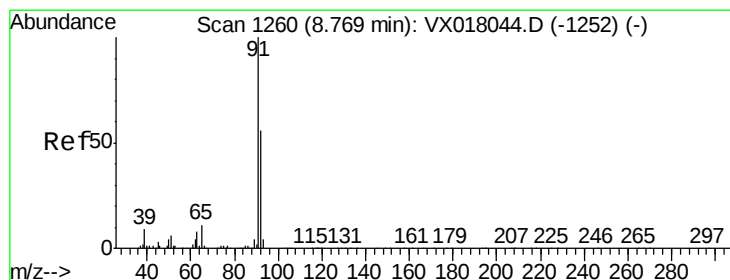
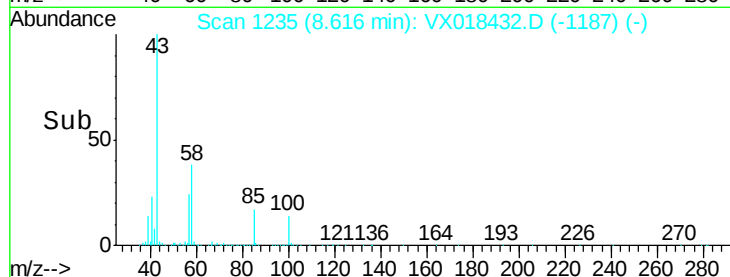
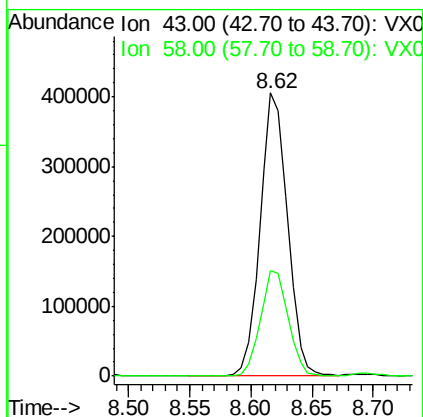
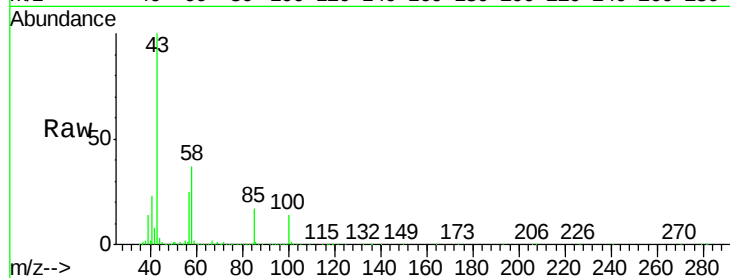




#51
 4-Methyl-2-Pentanone
 Concen: 92.651 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX018432.D
 Acq: 16 Sep 2020 11:31

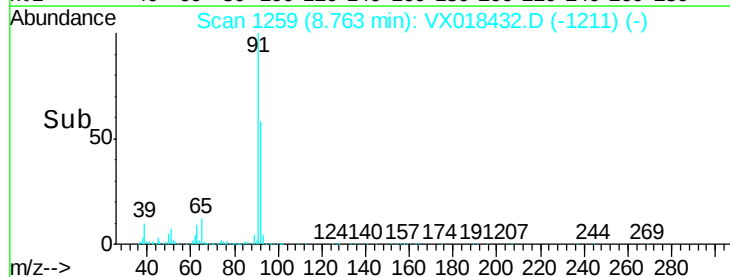
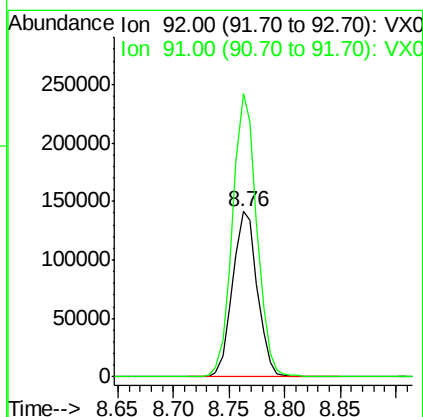
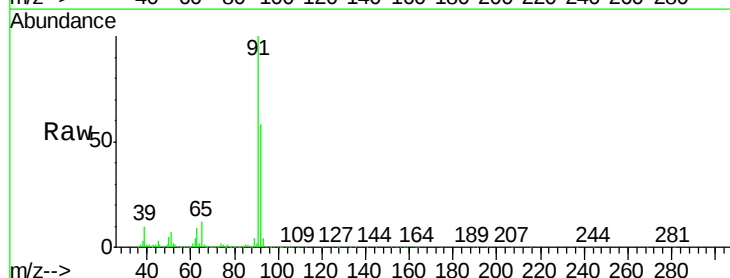
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBS01

Tgt Ion: 43 Resp: 633494
 Ion Ratio Lower Upper
 43 100
 58 37.9 30.7 46.1



#52
 Toluene
 Concen: 19.838 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX018432.D
 Acq: 16 Sep 2020 11:31

Tgt Ion: 92 Resp: 218100
 Ion Ratio Lower Upper
 92 100
 91 167.5 140.3 210.5

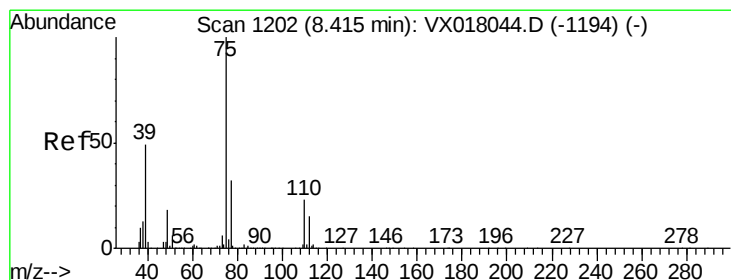
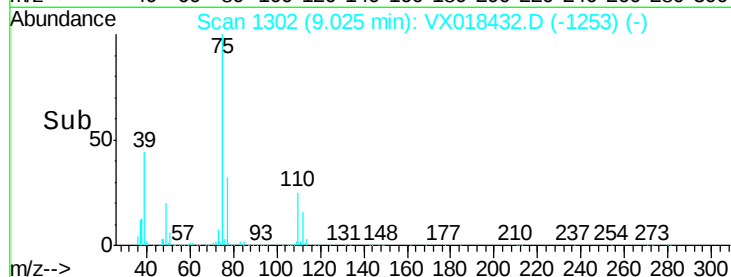
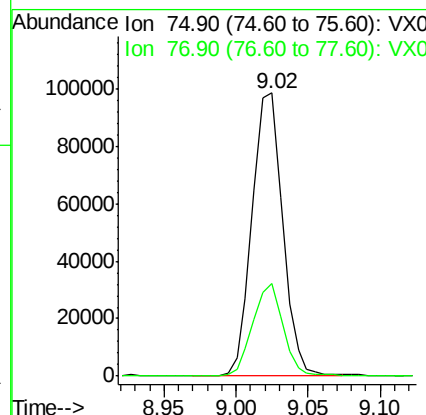
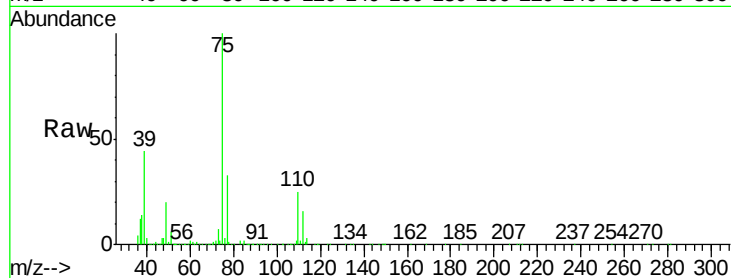




#53
 t-1,3-Dichloropropene
 Concen: 19.927 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX018432.D
 Acq: 16 Sep 2020 11:31

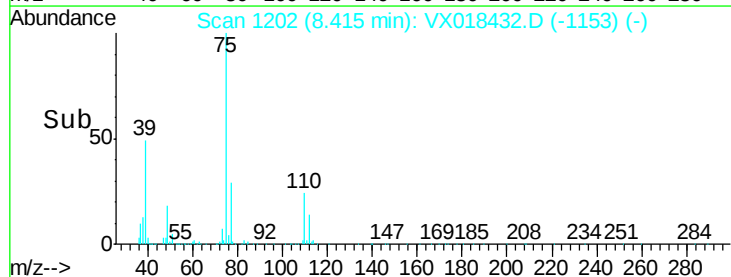
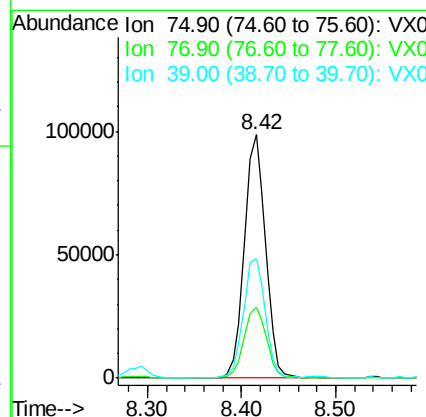
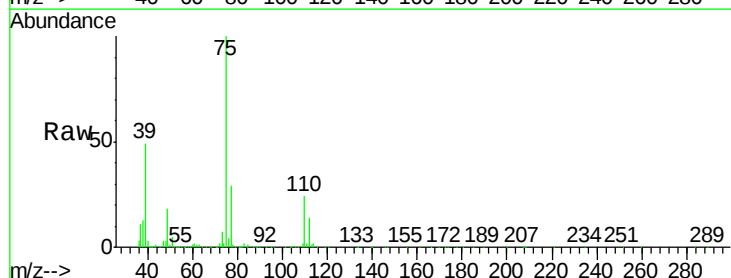
Instrument :
 MSVOA_X
 ClientSampled :
 VX0916WBS01

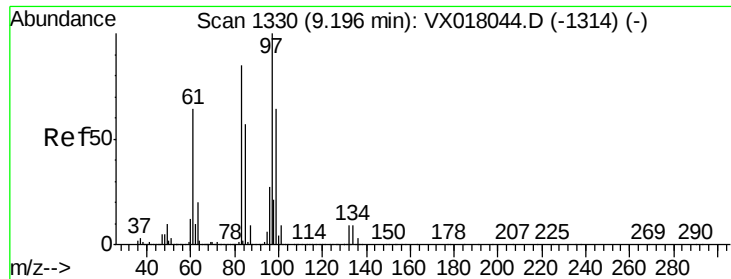
Tgt Ion: 75 Resp: 144908
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.6 39.8



#54
 cis-1,3-Dichloropropene
 Concen: 20.173 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX018432.D
 Acq: 16 Sep 2020 11:31

Tgt Ion: 75 Resp: 155399
 Ion Ratio Lower Upper
 75 100
 77 29.2 25.8 38.8
 39 48.7 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 19.413 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

Tgt Ion: 97 Resp: 91024

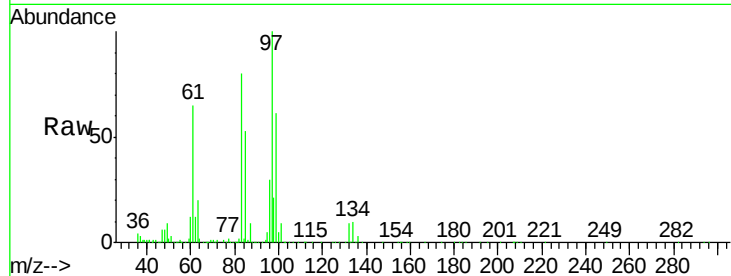
Ion Ratio Lower Upper

97 100

83 79.9 67.8 101.6

85 53.3 45.3 67.9

99 61.2 50.9 76.3

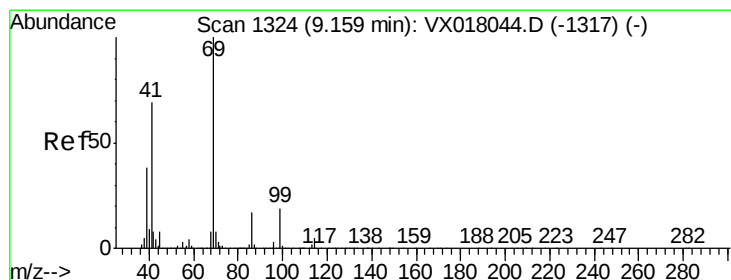
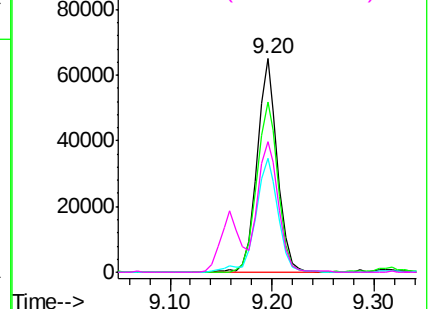
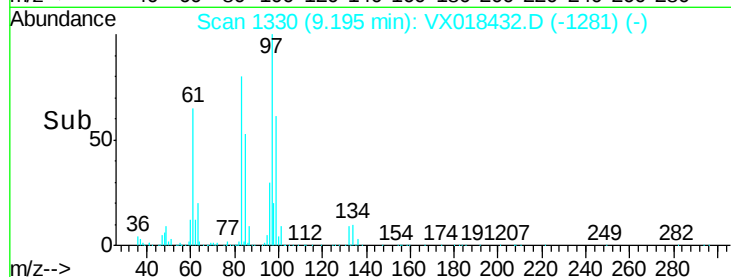


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 18.248 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

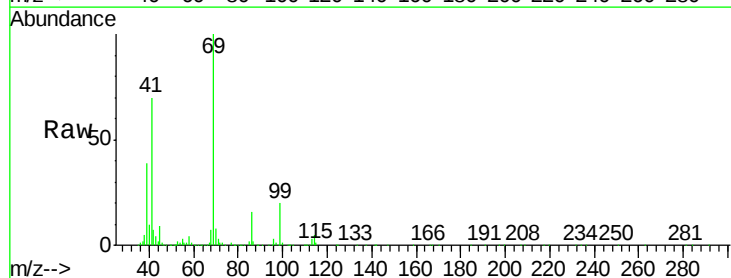
Tgt Ion: 69 Resp: 127198

Ion Ratio Lower Upper

69 100

41 71.1 54.6 81.8

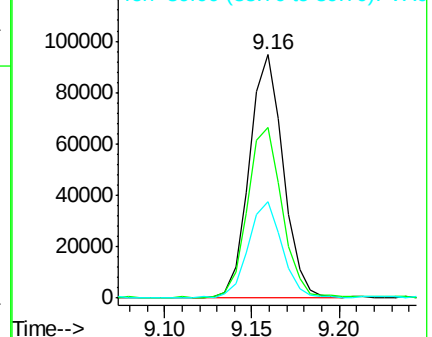
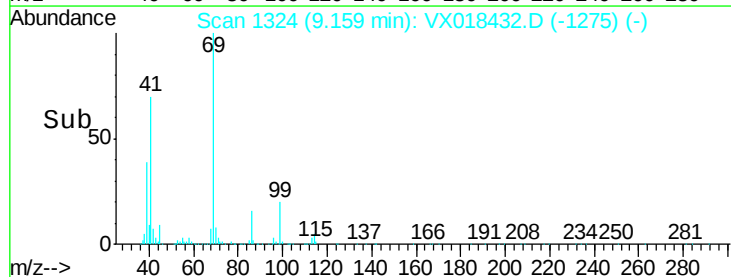
39 40.3 29.1 43.7

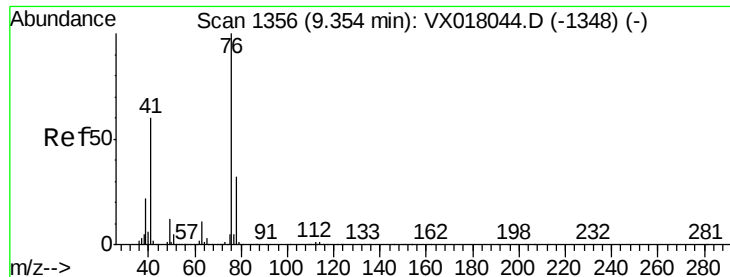


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.678 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

ClientSampleId :

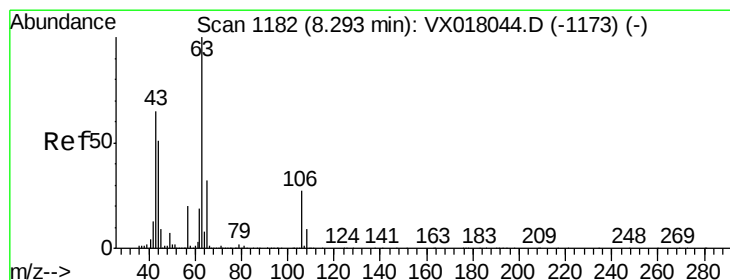
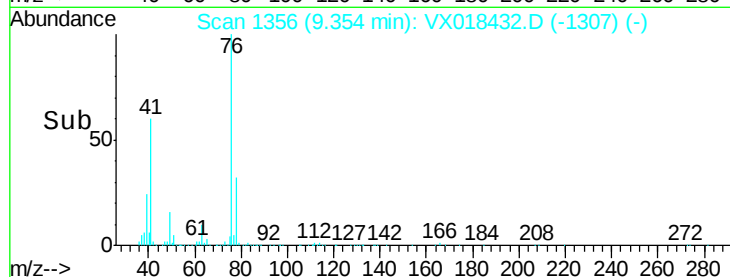
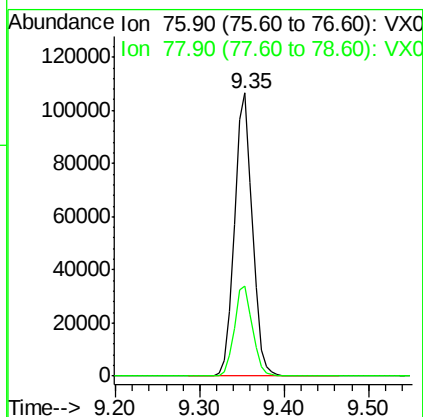
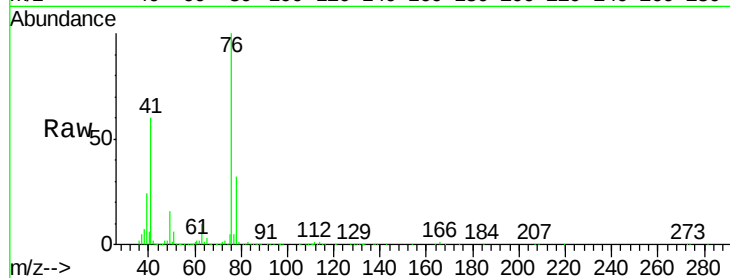
VX0916WBS01

Tgt Ion: 76 Resp: 152185

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 106.074 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018432.D

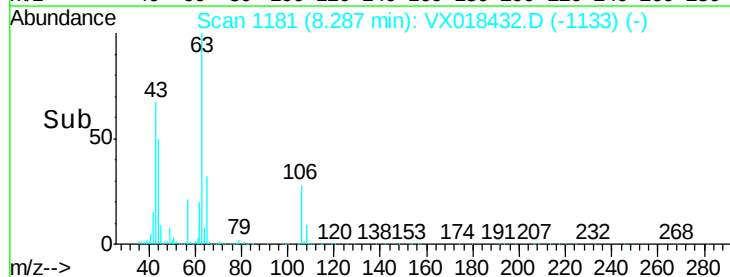
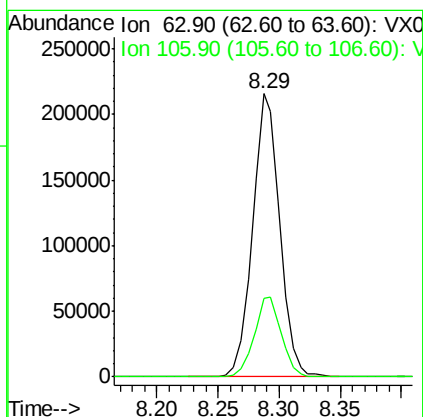
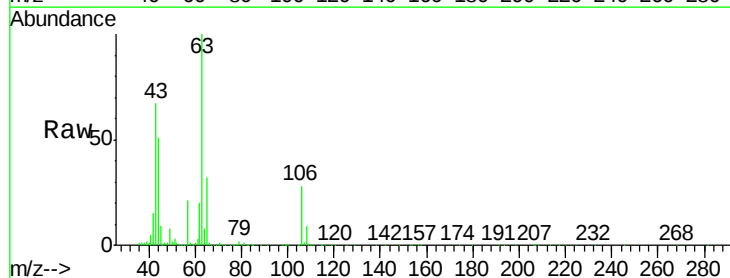
Acq: 16 Sep 2020 11:31

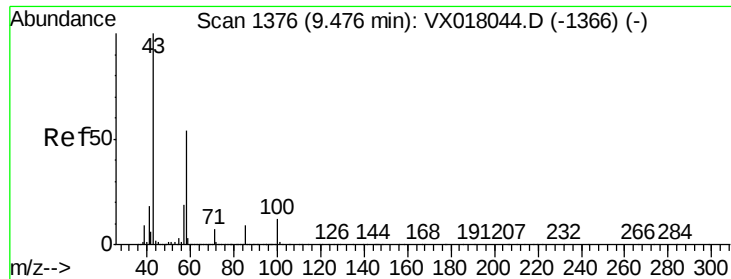
Tgt Ion: 63 Resp: 332611

Ion Ratio Lower Upper

63 100

106 28.4 22.1 33.1

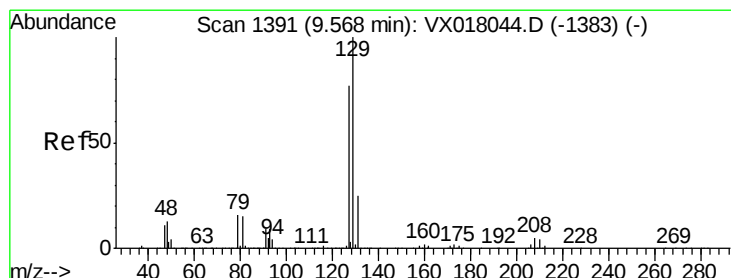
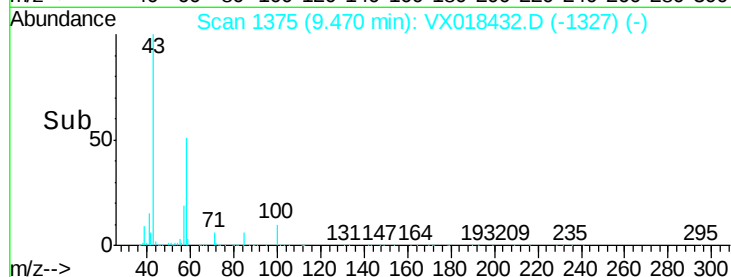
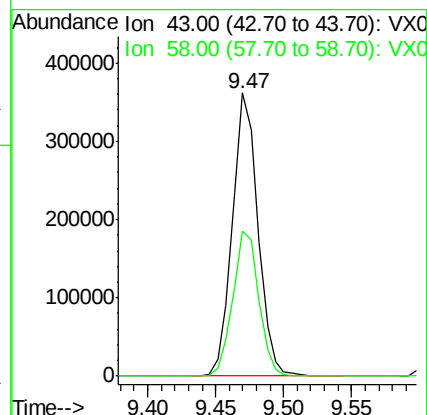
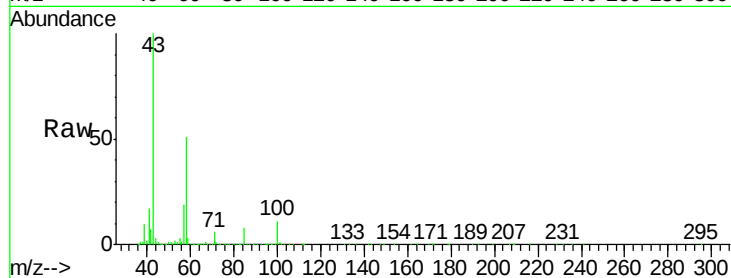




#59
2-Hexanone
Concen: 90.703 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

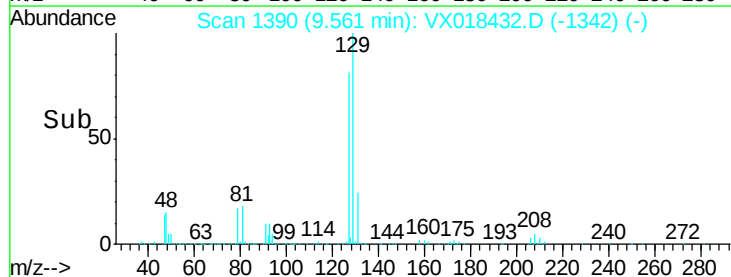
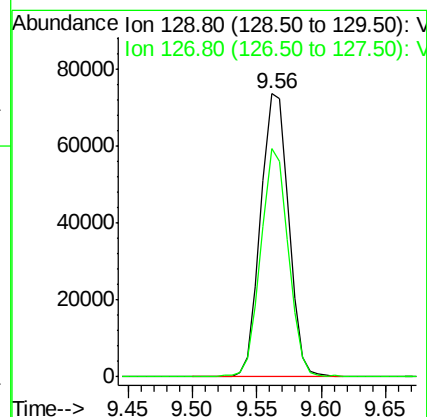
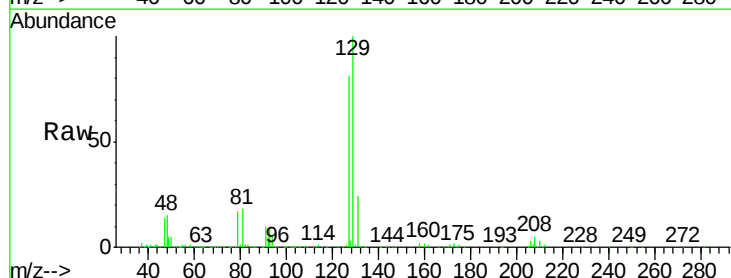
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

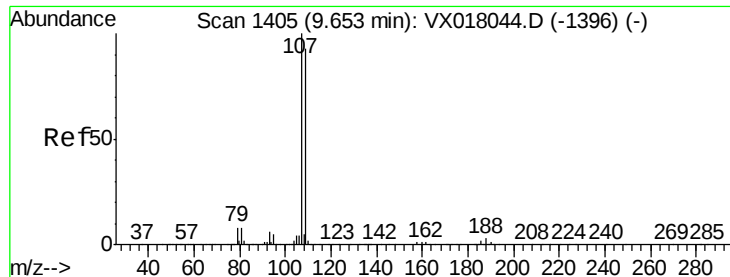
Tgt Ion: 43 Resp: 471571
Ion Ratio Lower Upper
43 100
58 52.4 26.6 79.7



#60
Dibromochloromethane
Concen: 20.160 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Tgt Ion: 129 Resp: 110888
Ion Ratio Lower Upper
129 100
127 79.4 38.9 116.6





#61

1,2-Dibromoethane

Concen: 19.458 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

ClientSampleId :

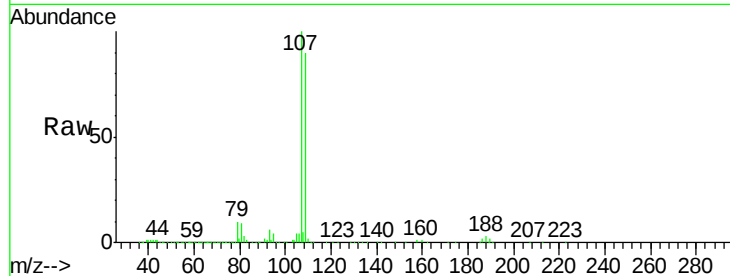
VX0916WBS01

Tgt Ion: 107 Resp: 99052

Ion Ratio Lower Upper

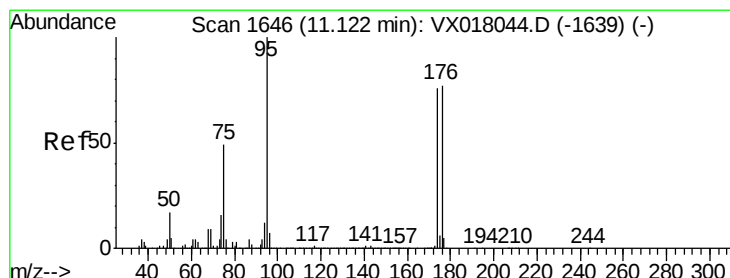
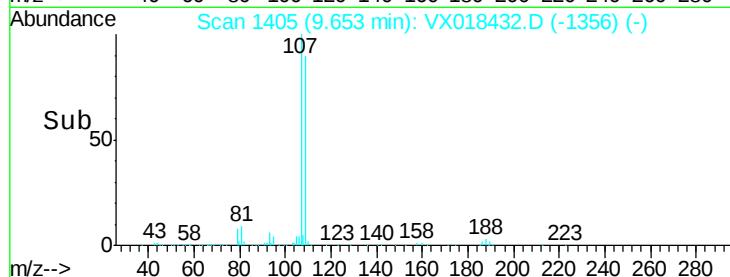
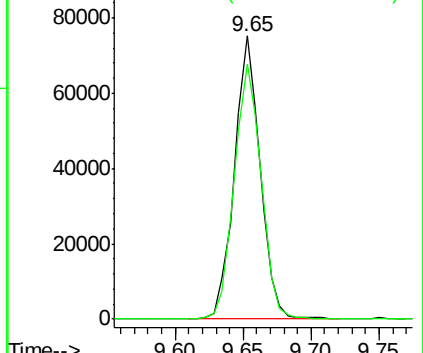
107 100

109 94.0 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.519 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

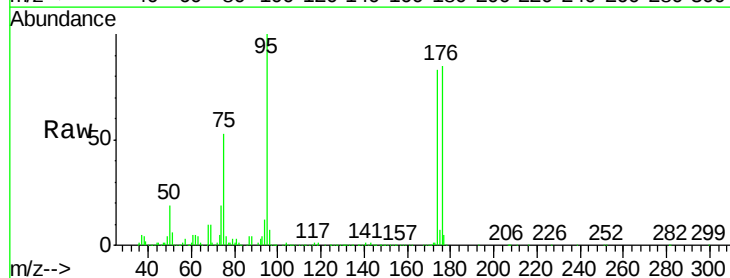
Tgt Ion: 95 Resp: 316158

Ion Ratio Lower Upper

95 100

174 80.3 0.0 160.2

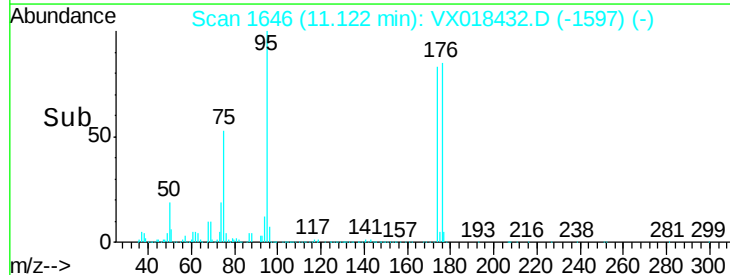
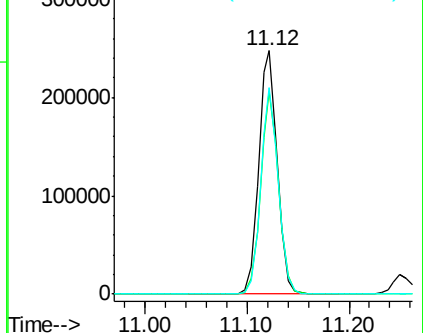
176 80.3 0.0 155.8

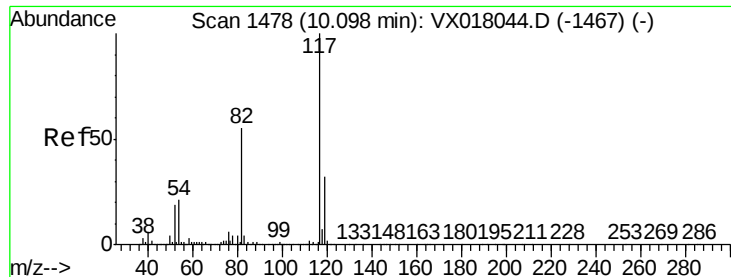


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

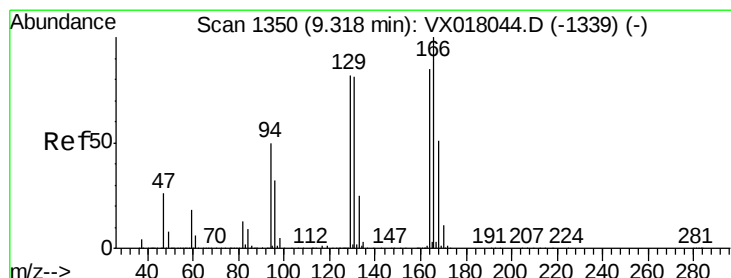
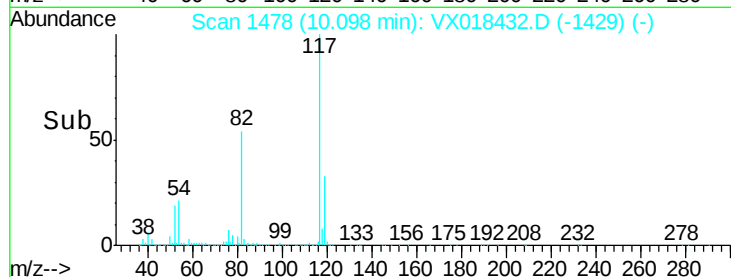
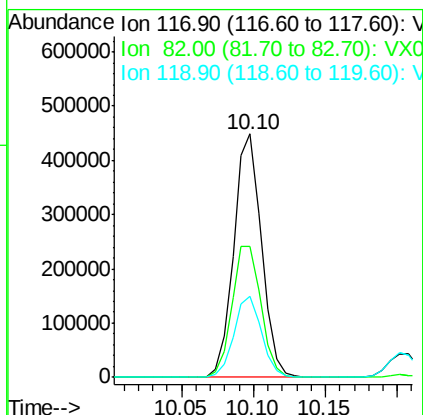
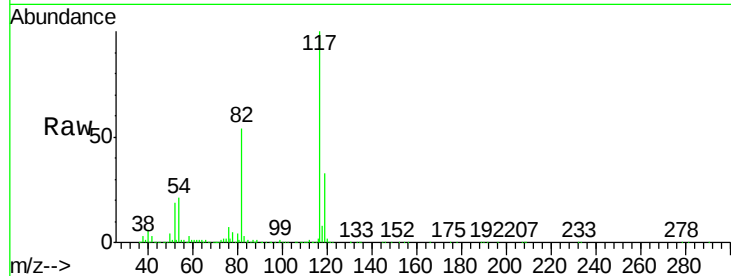




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

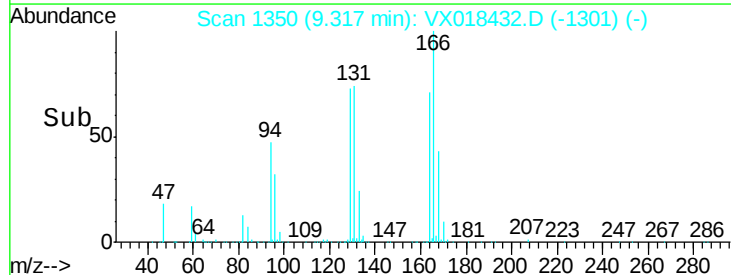
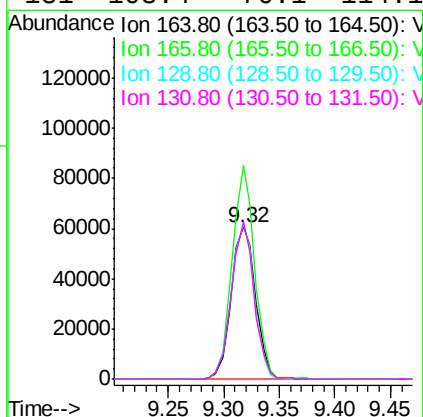
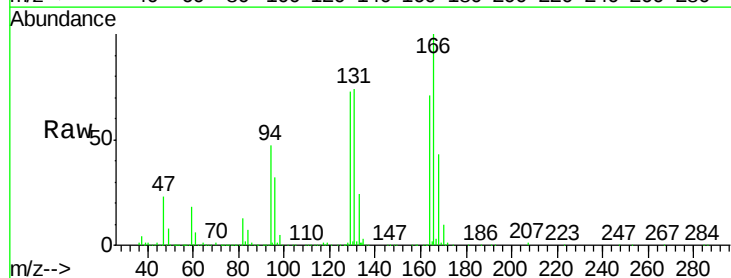
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

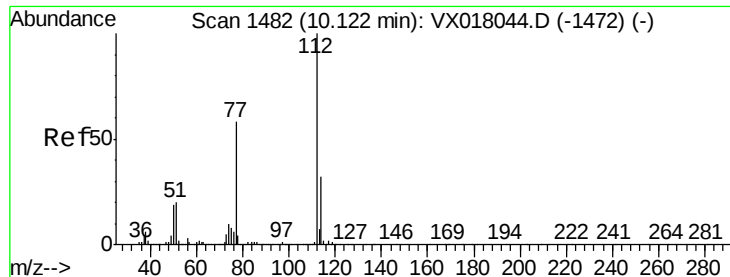
Tgt Ion:117 Resp: 603706
Ion Ratio Lower Upper
117 100
82 53.6 44.2 66.2
119 33.4 25.7 38.5



#64
Tetrachloroethene
Concen: 20.640 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Tgt Ion:164 Resp: 91569
Ion Ratio Lower Upper
164 100
166 140.3 94.2 141.2
129 102.1 76.9 115.3
131 103.4 76.1 114.1





#65

Chlorobenzene

Concen: 19.838 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

ClientSampleId :

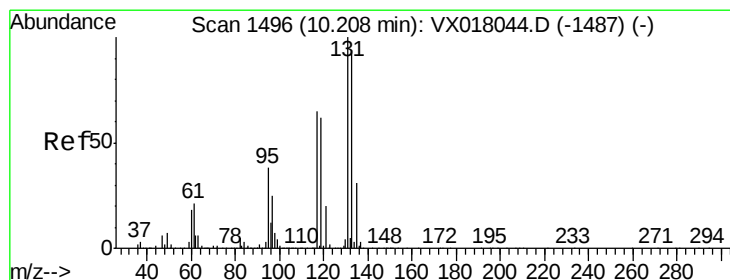
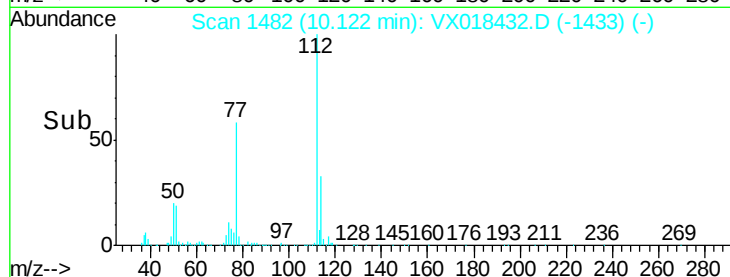
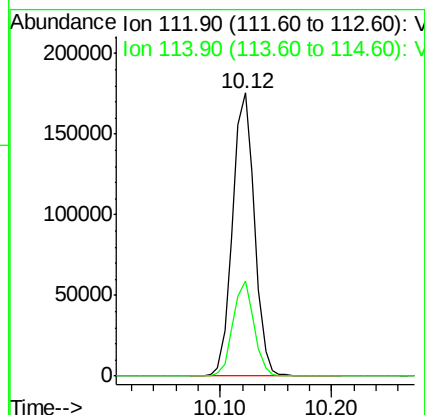
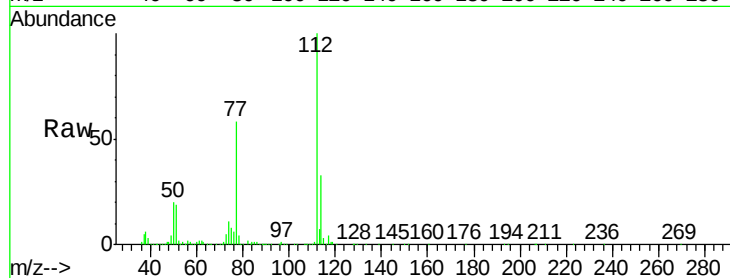
VX0916WBS01

Tgt Ion:112 Resp: 239192

Ion Ratio Lower Upper

112 100

114 33.4 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 21.276 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

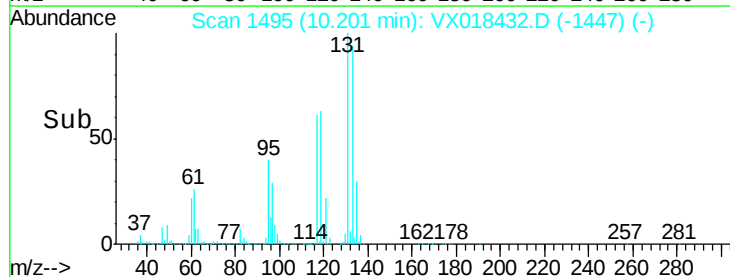
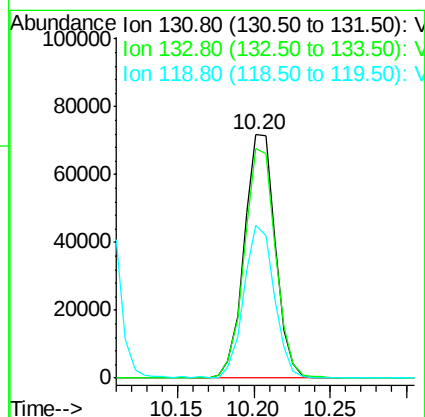
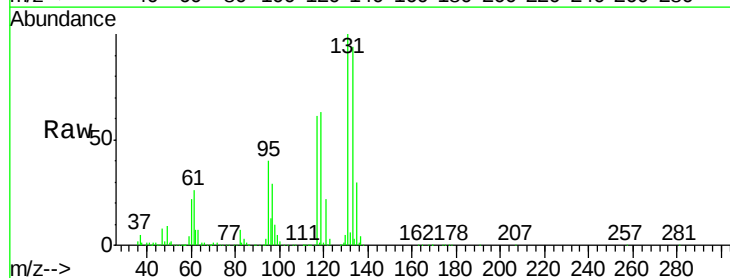
Tgt Ion:131 Resp: 101106

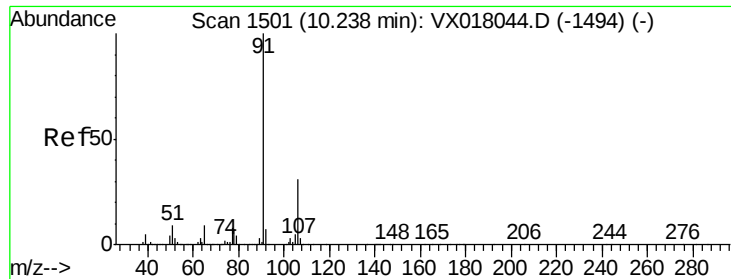
Ion Ratio Lower Upper

131 100

133 94.9 46.7 140.1

119 61.5 31.8 95.4

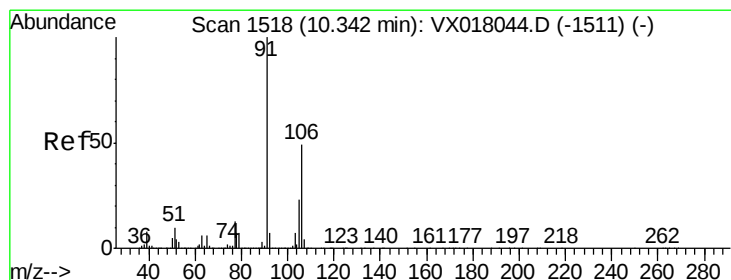
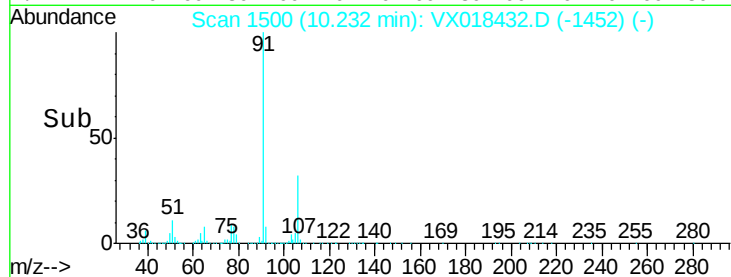
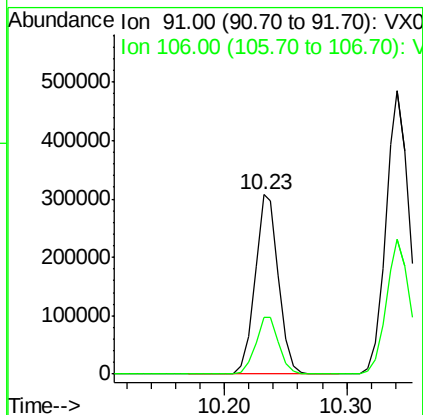
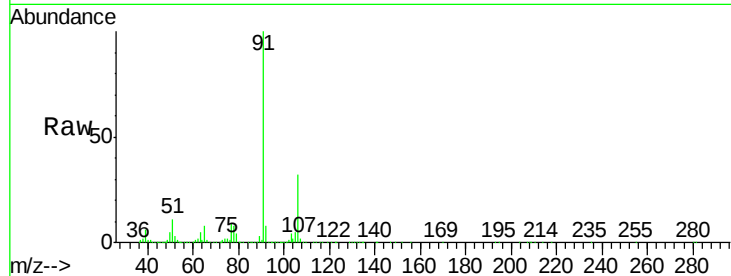




#67
Ethyl Benzene
Concen: 19.988 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

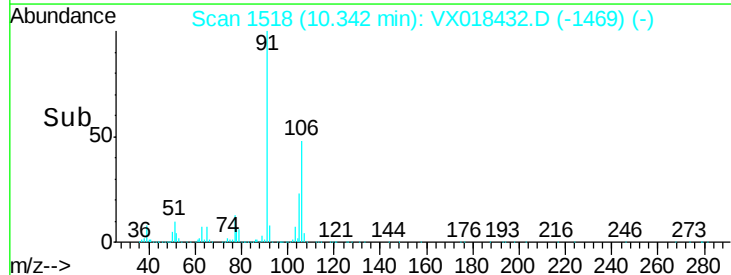
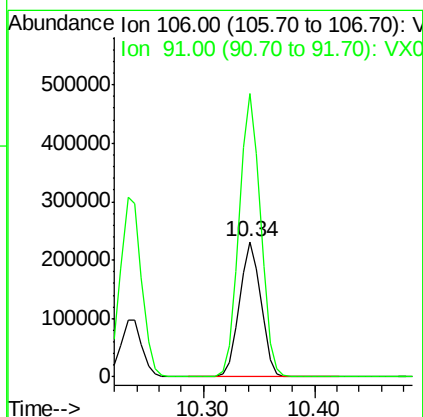
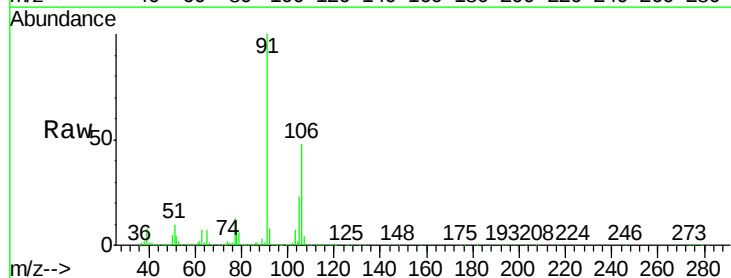
Instrument :
MSVOA_X
ClientSampled :
VX0916WBS01

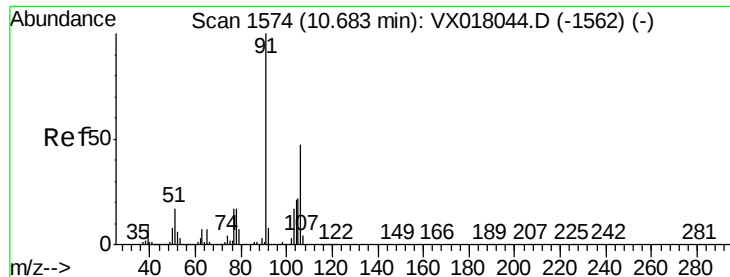
Tgt Ion: 91 Resp: 409837
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3



#68
m/p-Xylenes
Concen: 40.369 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Tgt Ion: 106 Resp: 308954
Ion Ratio Lower Upper
106 100
91 209.4 162.2 243.2

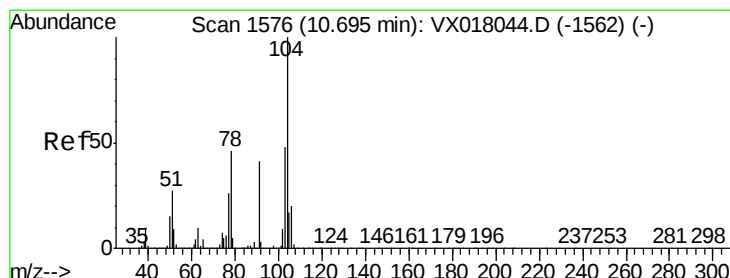
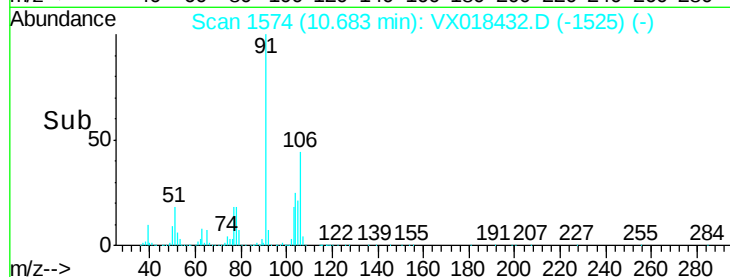
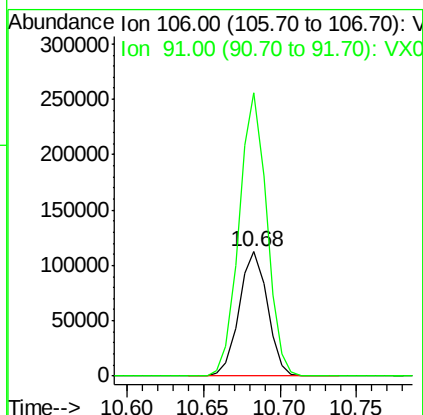
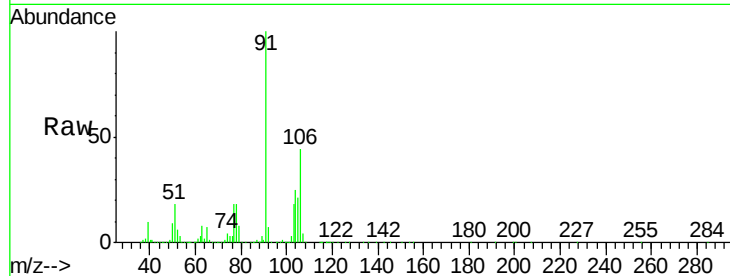




#69
o-Xylene
Concen: 19.646 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

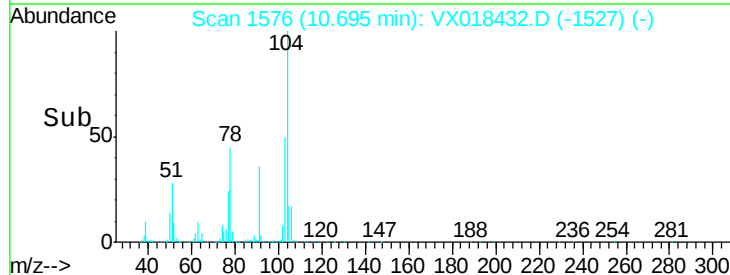
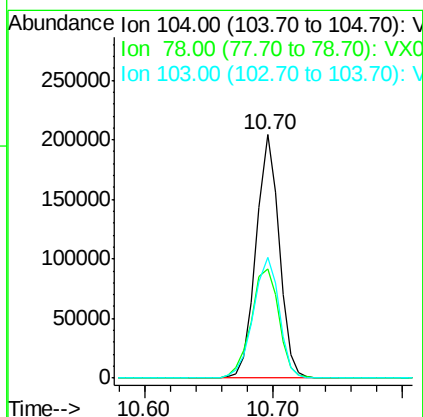
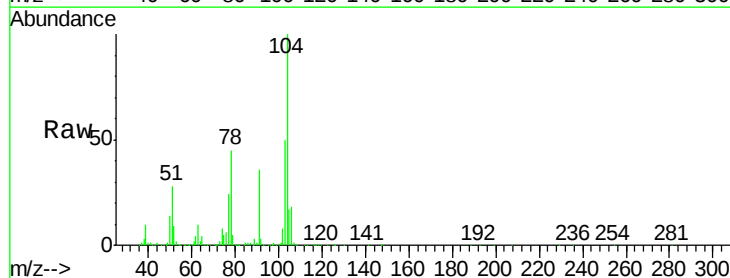
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

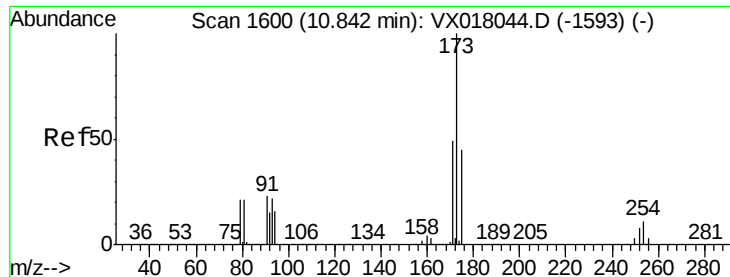
Tgt Ion:106 Resp: 145757
Ion Ratio Lower Upper
106 100
91 220.5 107.1 321.3



#70
Styrene
Concen: 19.892 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Tgt Ion:104 Resp: 251326
Ion Ratio Lower Upper
104 100
78 53.9 40.9 61.3
103 55.9 43.6 65.4





#71

Bromoform

Concen: 20.111 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

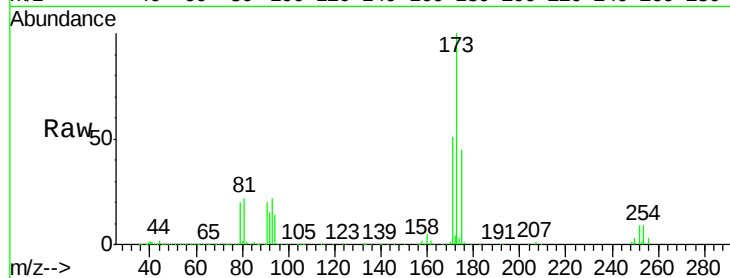
Tgt Ion:173 Resp: 81520

Ion Ratio Lower Upper

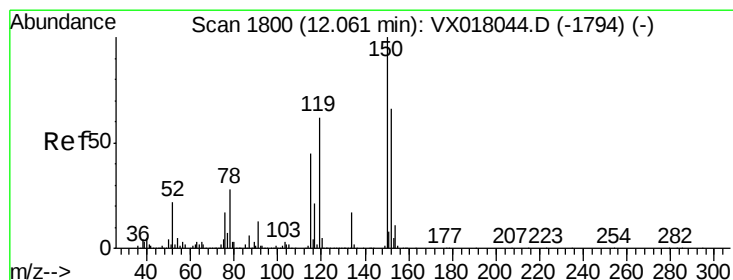
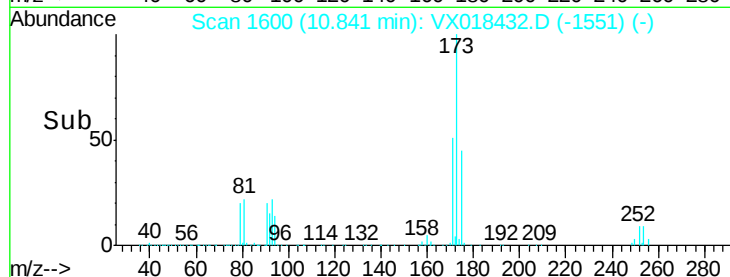
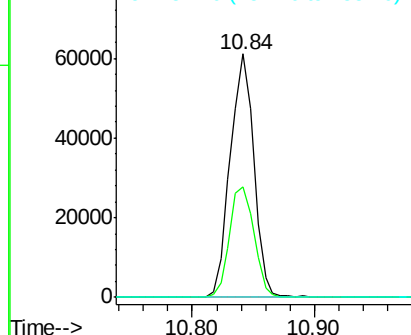
173 100

175 47.3 23.9 71.8

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

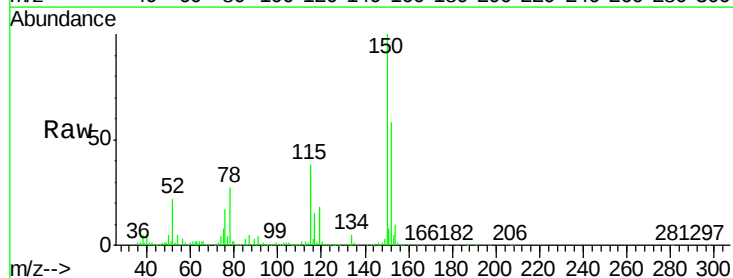
Tgt Ion:152 Resp: 325323

Ion Ratio Lower Upper

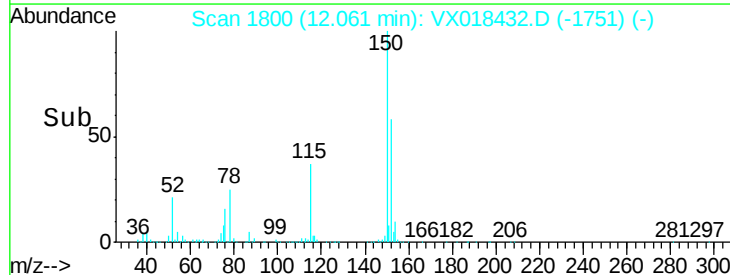
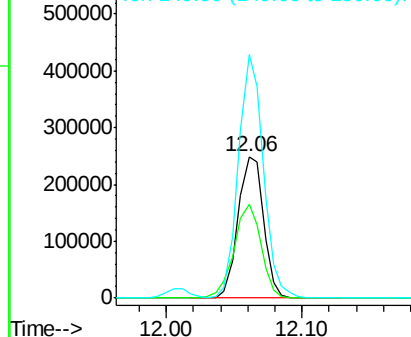
152 100

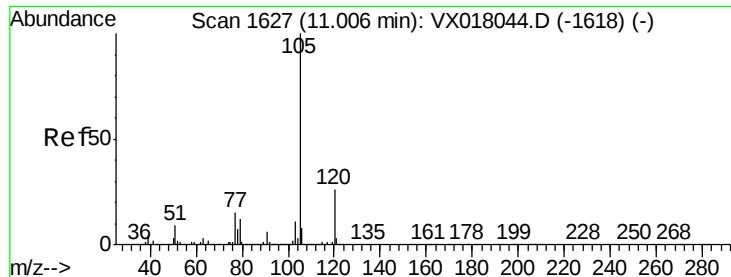
115 70.1 41.5 124.5

150 167.8 0.0 343.8



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: 19.147 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

ClientSampleId :

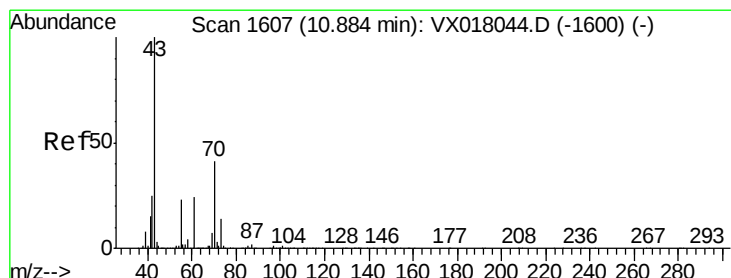
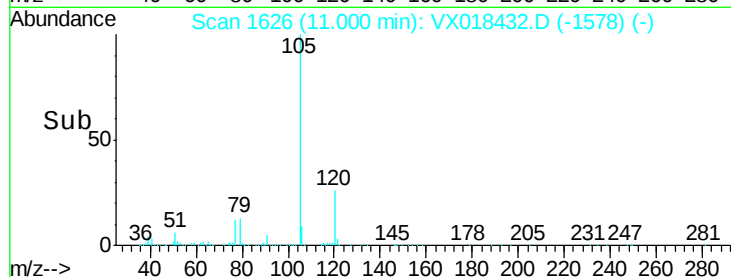
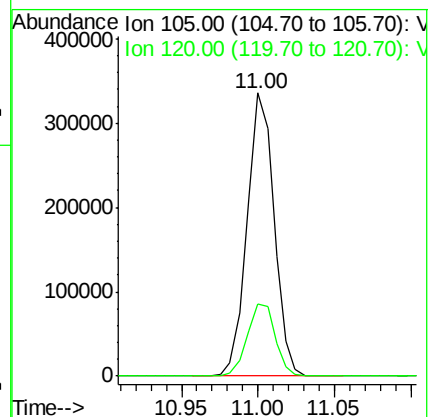
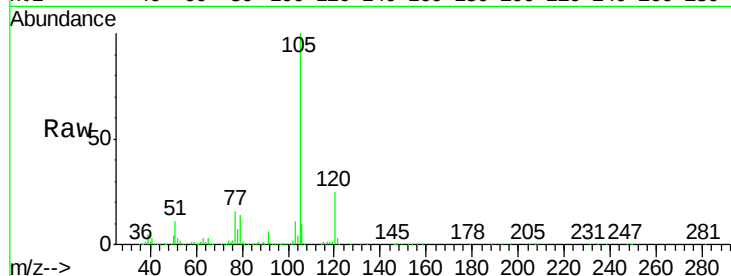
VX0916WBS01

Tgt Ion:105 Resp: 410863

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.5



#74

N-ethyl acetate

Concen: 16.851 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Tgt Ion: 43 Resp: 171567

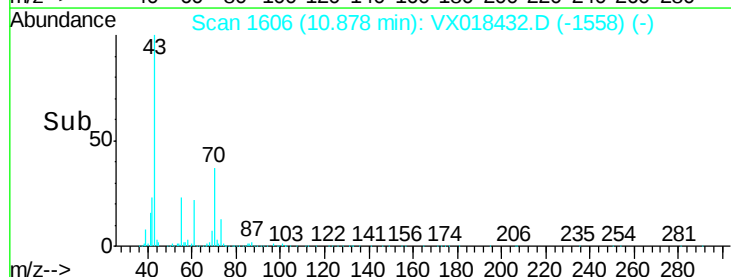
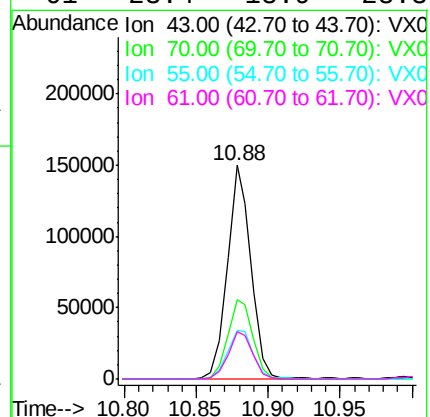
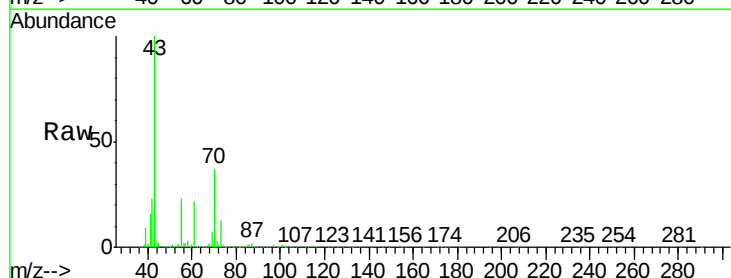
Ion Ratio Lower Upper

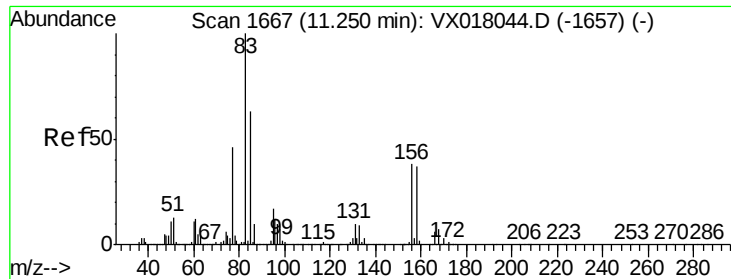
43 100

70 39.5 32.3 48.5

55 25.2 18.2 27.2

61 23.4 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 17.727 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

ClientSampled :

VX0916WBS01

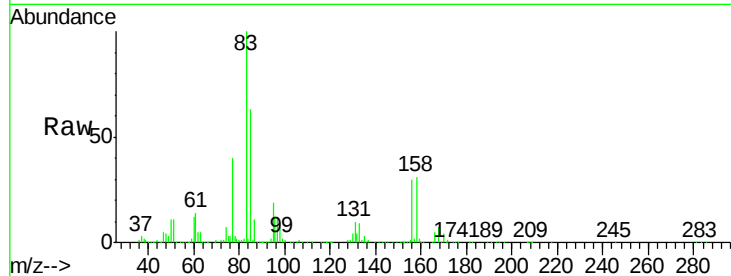
Tgt Ion: 83 Resp: 134193

Ion Ratio Lower Upper

83 100

131 11.2 5.1 15.4

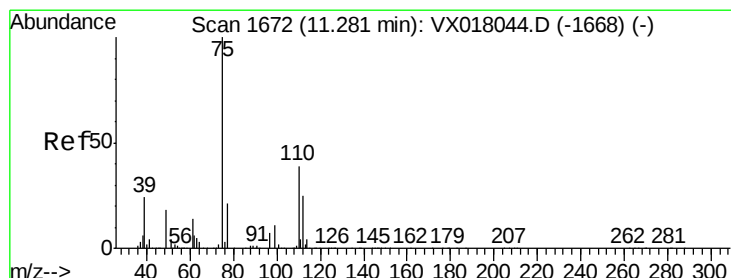
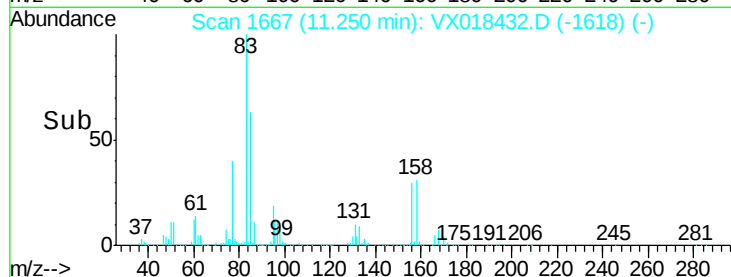
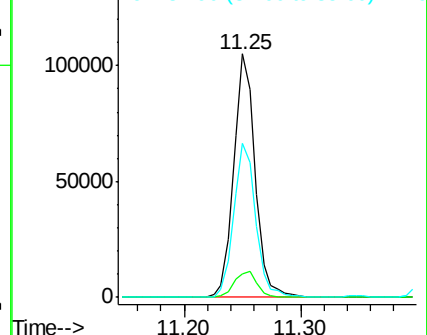
85 65.5 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.674 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018432.D

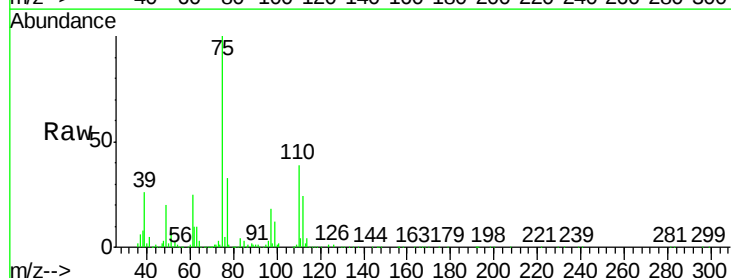
Acq: 16 Sep 2020 11:31

Tgt Ion: 75 Resp: 164090

Ion Ratio Lower Upper

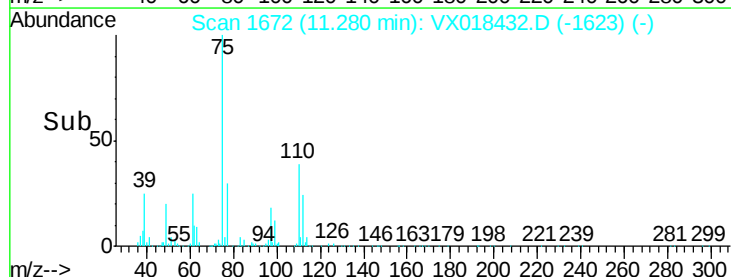
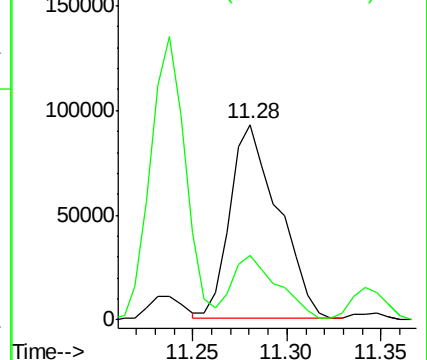
75 100

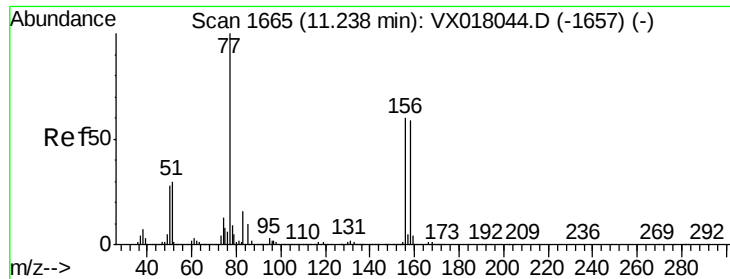
77 31.4 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.579 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

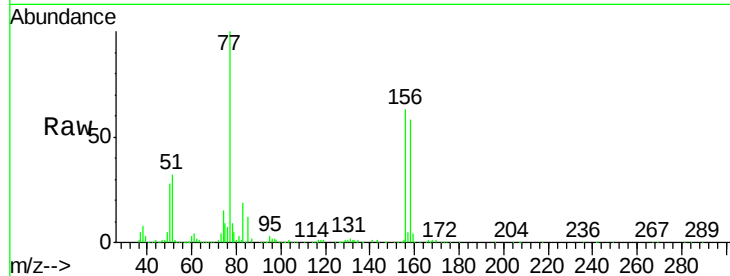
Tgt Ion: 156 Resp: 110202

Ion Ratio Lower Upper

156 100

77 158.2 80.0 240.2

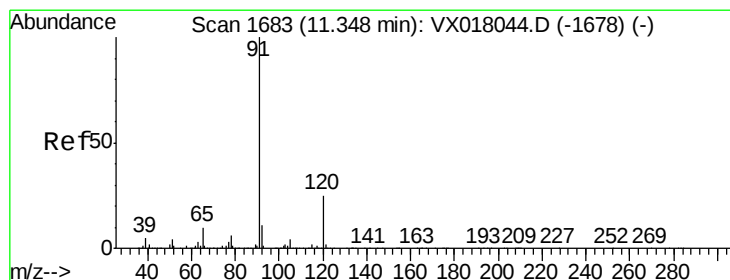
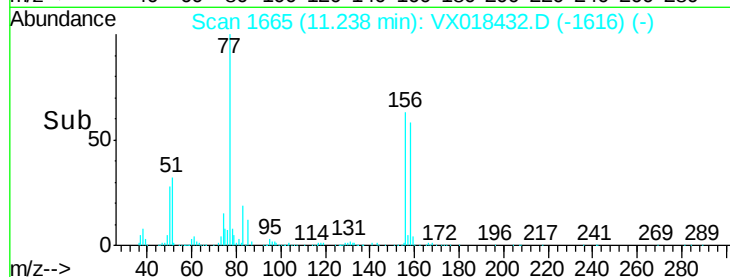
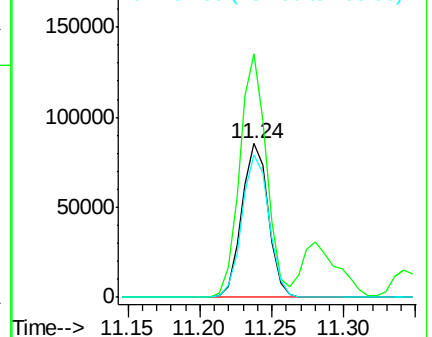
158 94.5 49.5 148.7



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: 19.642 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018432.D

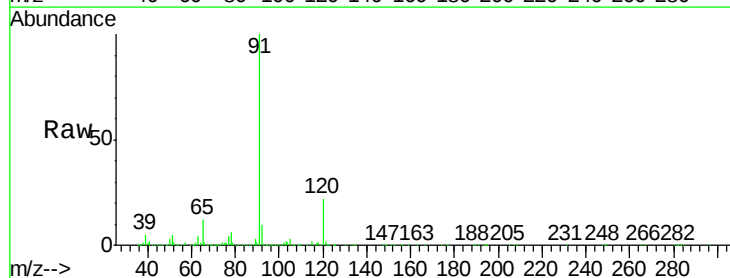
Acq: 16 Sep 2020 11:31

Tgt Ion: 91 Resp: 478583

Ion Ratio Lower Upper

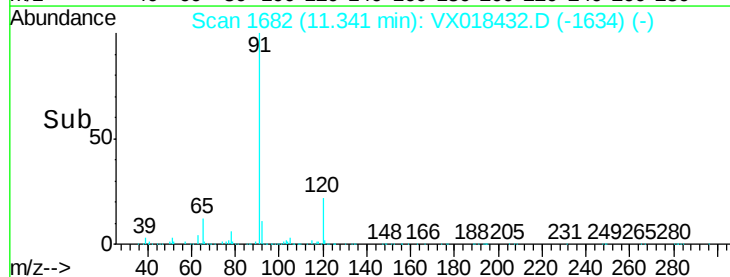
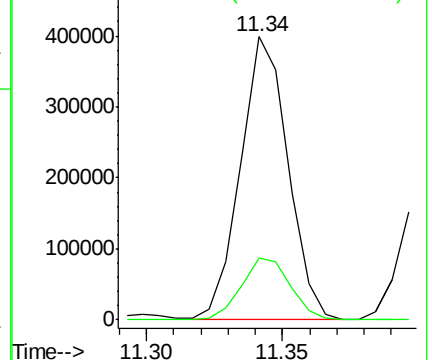
91 100

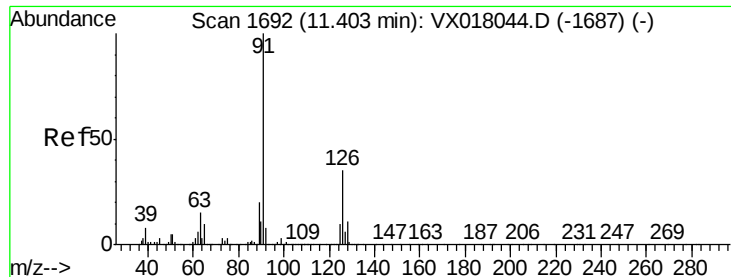
120 22.8 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.402 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

ClientSampleId :

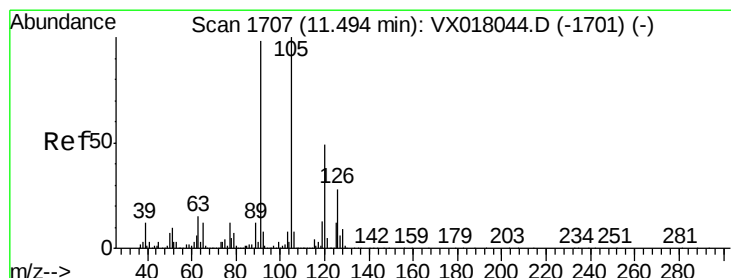
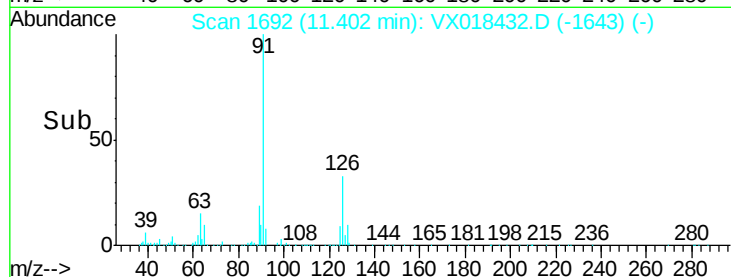
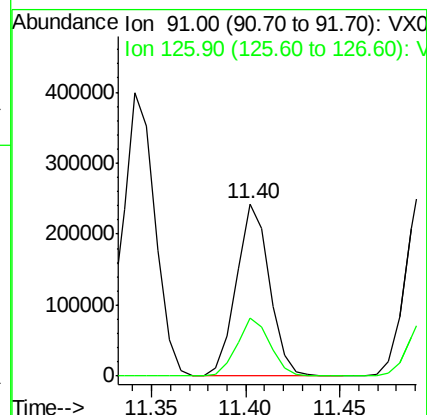
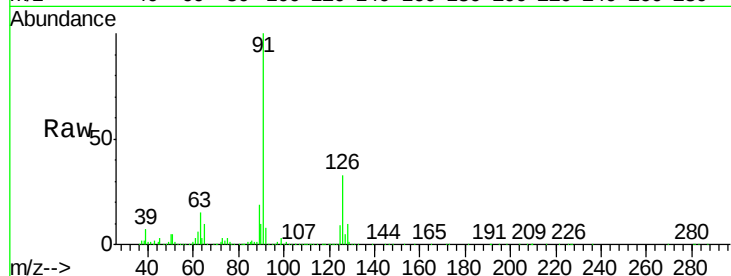
VX0916WBS01

Tgt Ion: 91 Resp: 292070

Ion Ratio Lower Upper

91 100

126 33.9 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 20.073 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018432.D

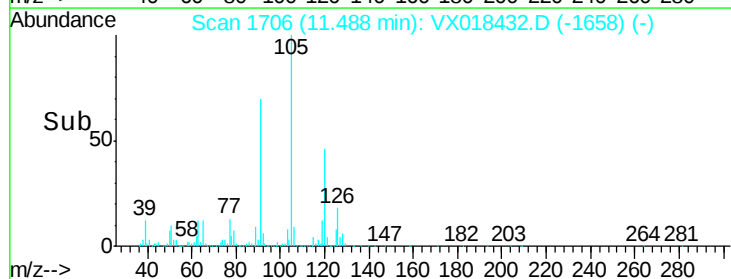
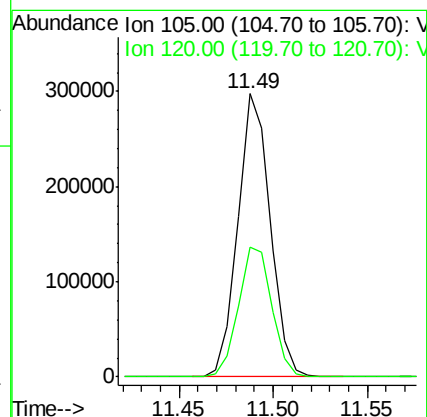
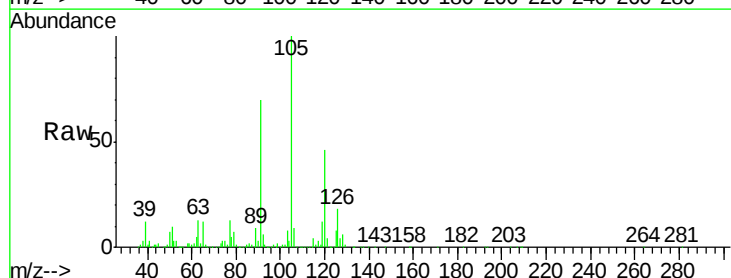
Acq: 16 Sep 2020 11:31

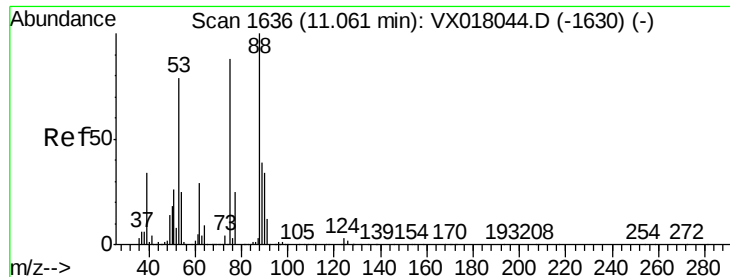
Tgt Ion: 105 Resp: 353955

Ion Ratio Lower Upper

105 100

120 47.7 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 17.760 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

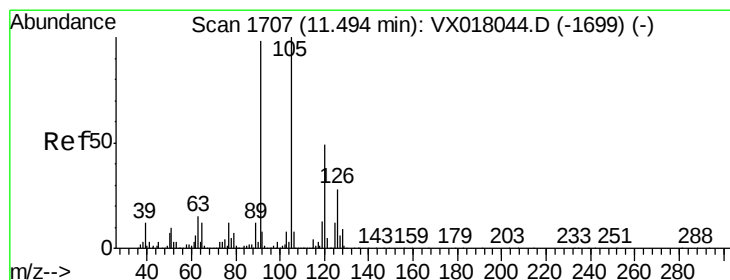
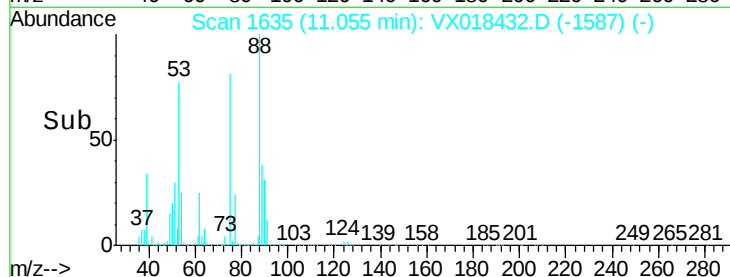
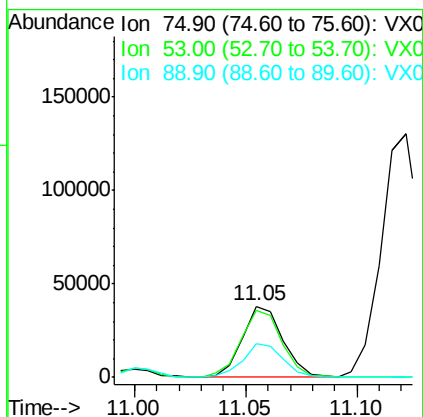
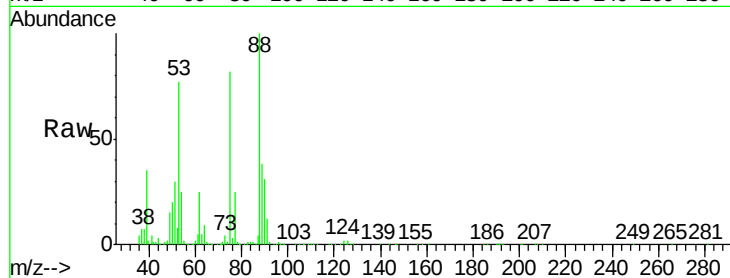
Tgt Ion: 75 Resp: 47588

Ion Ratio Lower Upper

75 100

53 96.8 74.7 112.1

89 48.4 36.6 54.8



#82

4-Chlorotoluene

Concen: 19.409 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018432.D

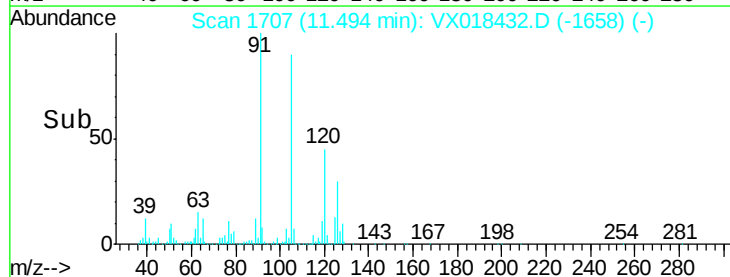
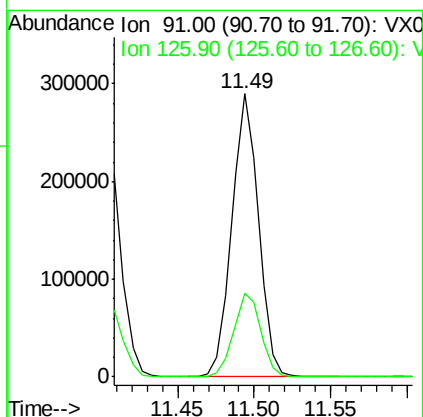
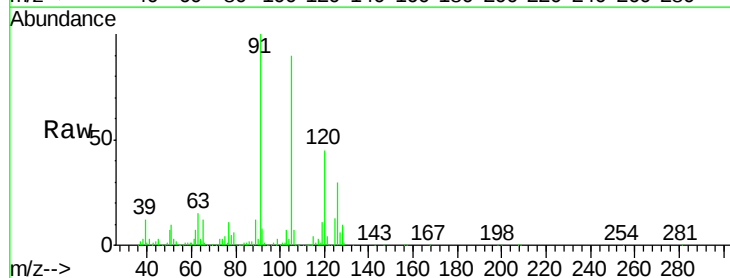
Acq: 16 Sep 2020 11:31

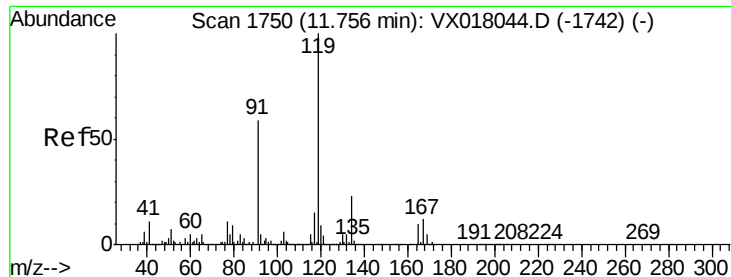
Tgt Ion: 91 Resp: 347330

Ion Ratio Lower Upper

91 100

126 30.4 15.1 45.3

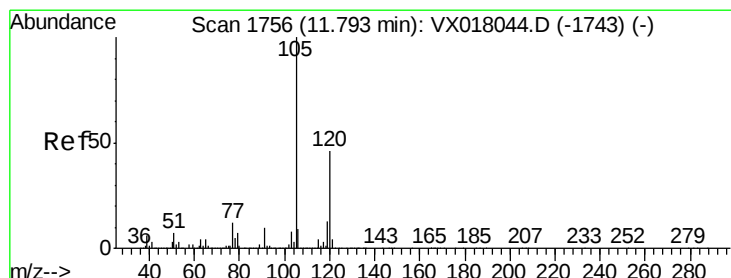
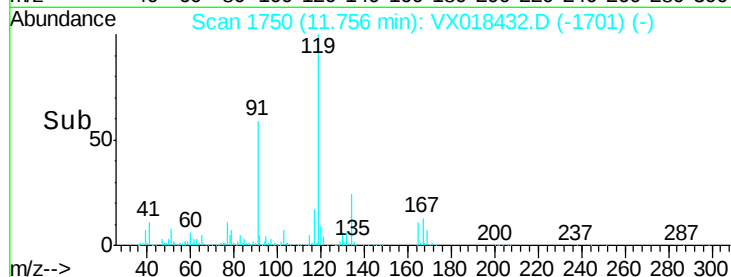
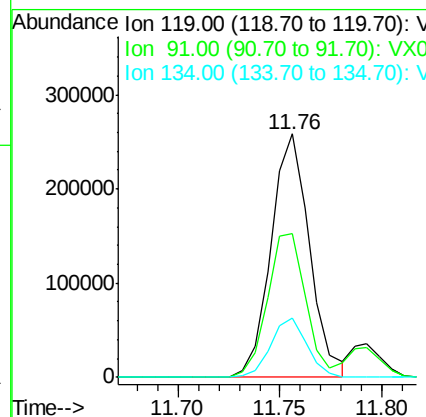
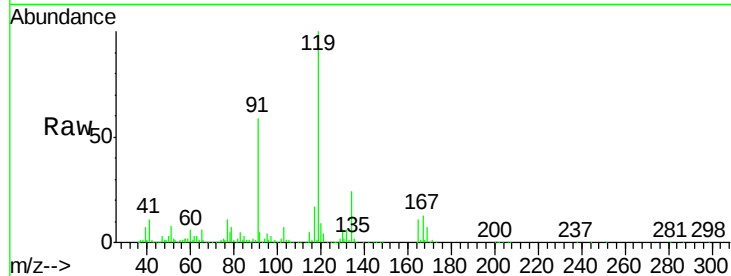




#83
 tert-Butylbenzene
 Concen: 19.558 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX018432.D
 Acq: 16 Sep 2020 11:31

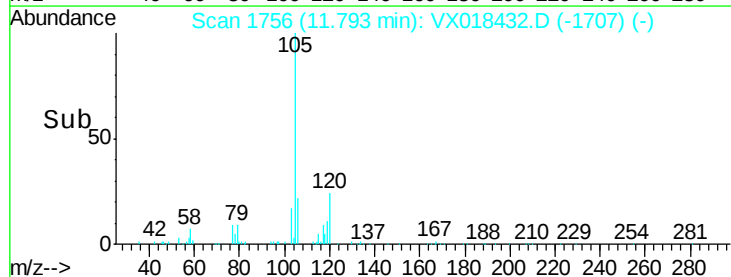
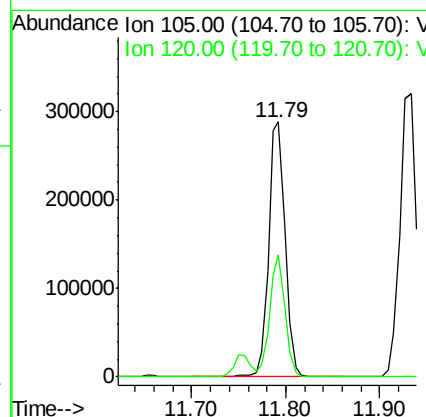
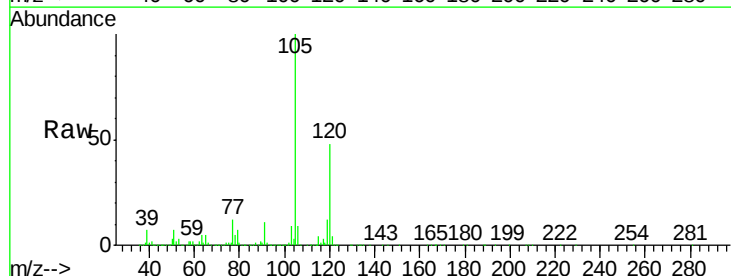
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBS01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	58.8	28.2	84.7
134	23.0	11.3	33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 19.833 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018432.D
 Acq: 16 Sep 2020 11:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.3	66.9

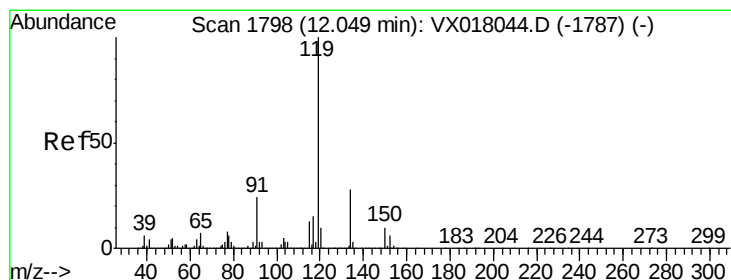
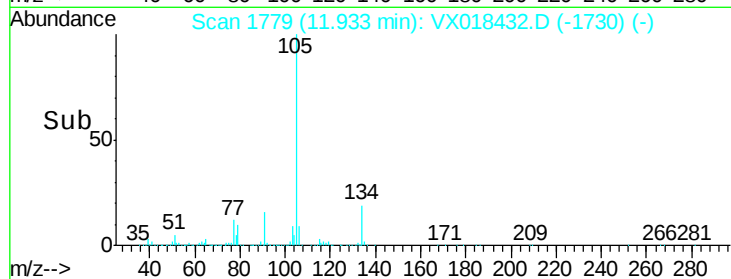
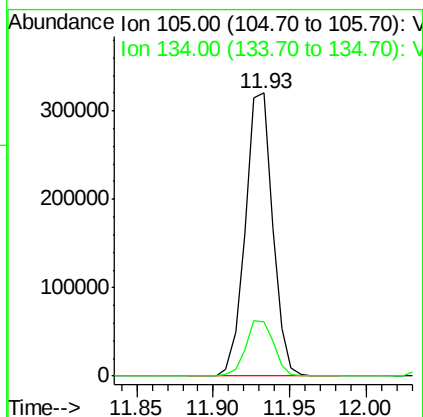
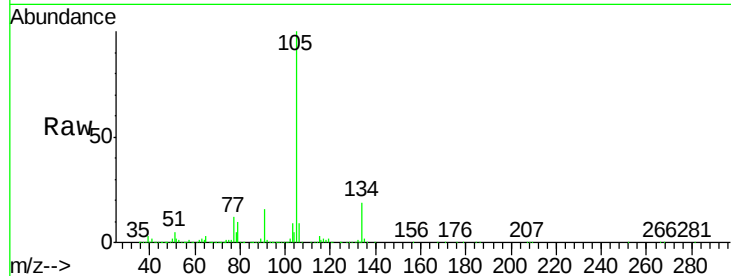




#85
 sec-Butylbenzene
 Concen: 20.066 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018432.D
 Acq: 16 Sep 2020 11:31

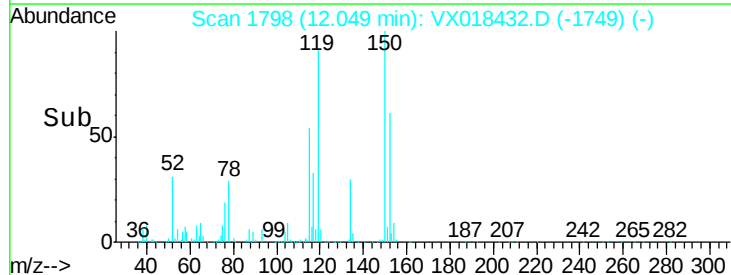
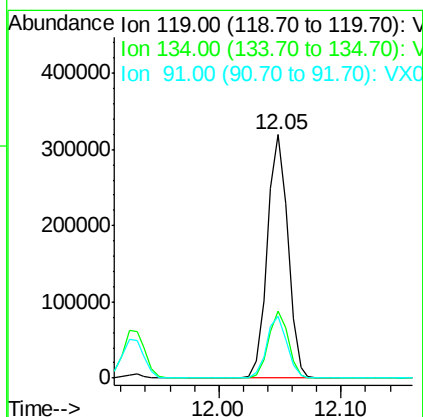
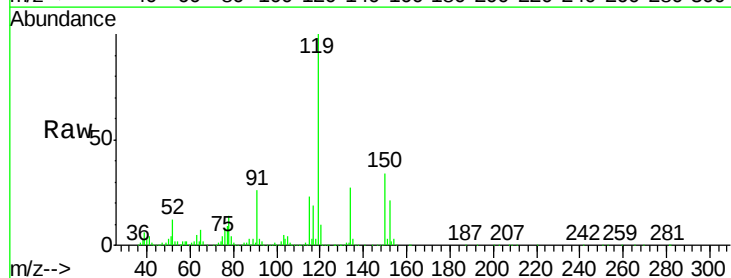
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBS01

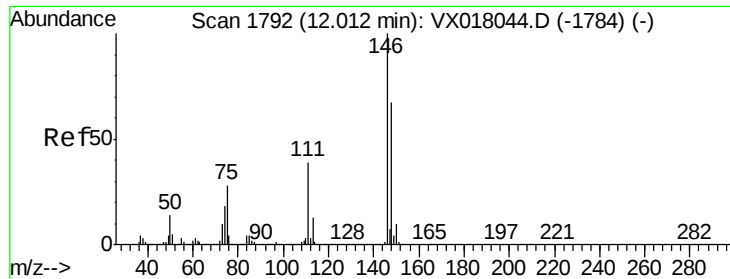
Tgt Ion:105 Resp: 397105
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 20.564 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018432.D
 Acq: 16 Sep 2020 11:31

Tgt Ion:119 Resp: 373814
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.5
 91 25.3 11.8 35.4

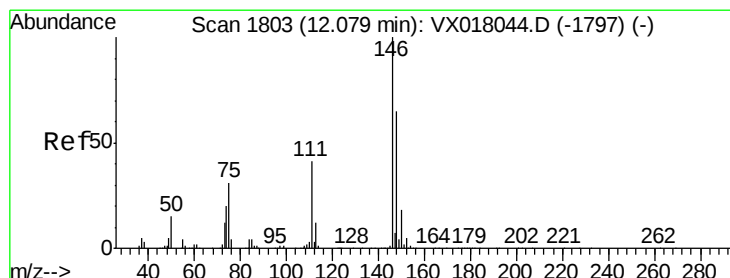
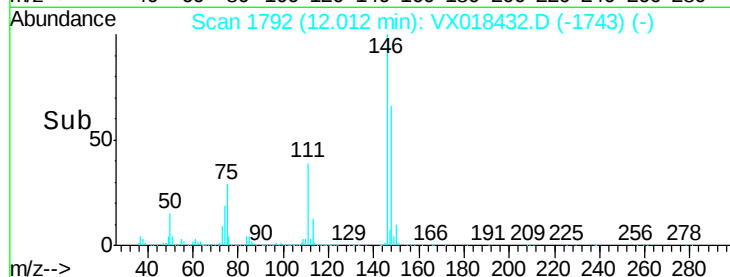
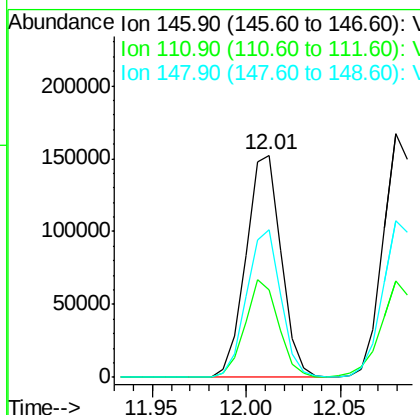
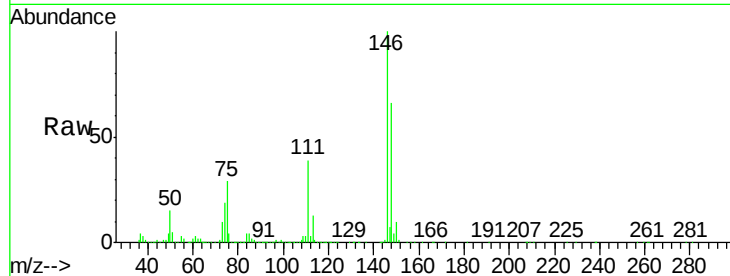




#87
 1,3-Dichlorobenzene
 Concen: 18.986 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018432.D
 Acq: 16 Sep 2020 11:31

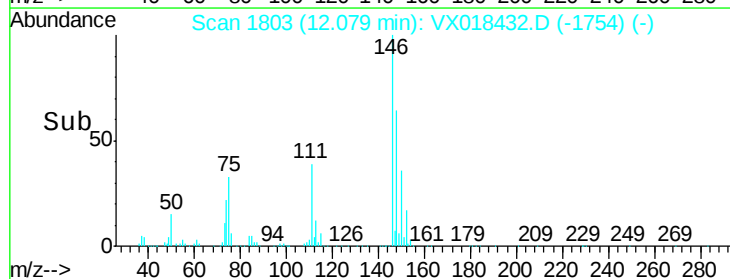
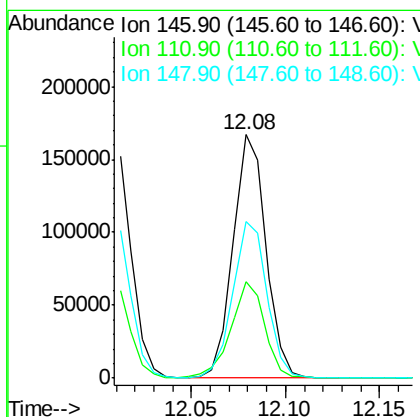
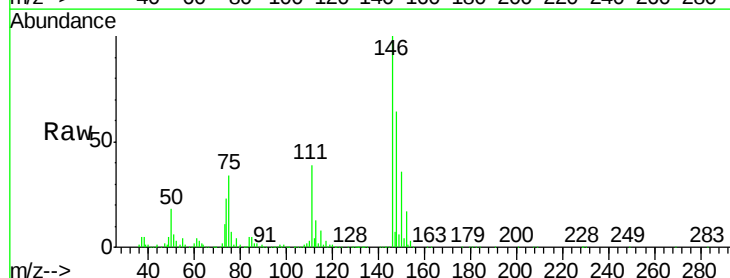
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.6	61.8
148	64.1	33.1	99.2



#88
 1,4-Dichlorobenzene
 Concen: 19.293 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018432.D
 Acq: 16 Sep 2020 11:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.3	60.8
148	67.3	33.1	99.2

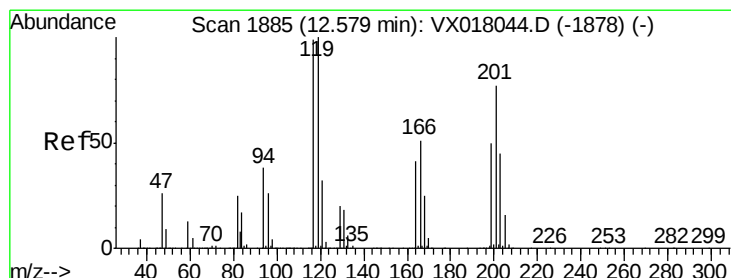
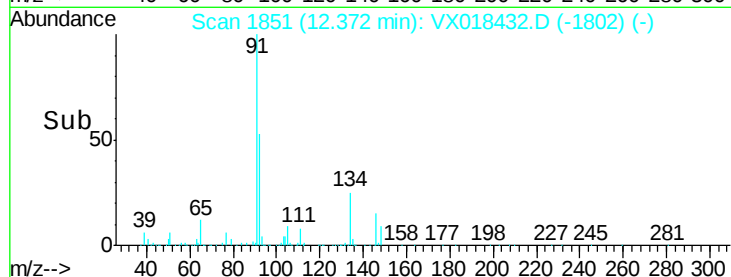
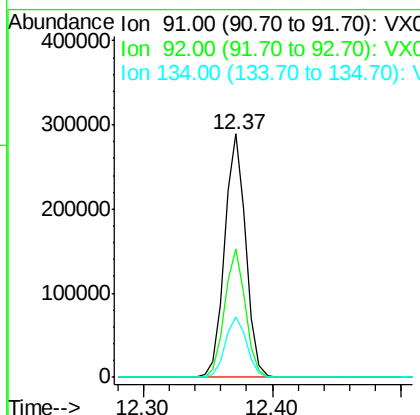
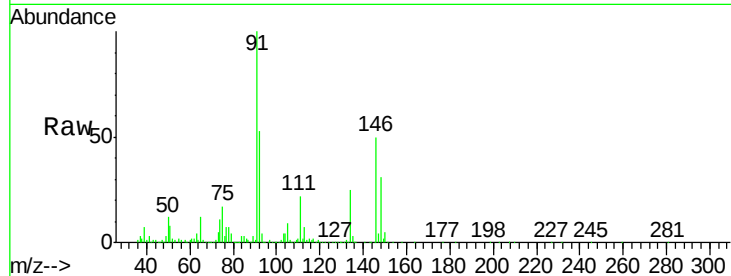




#89
n-Butylbenzene
Concen: 20.173 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

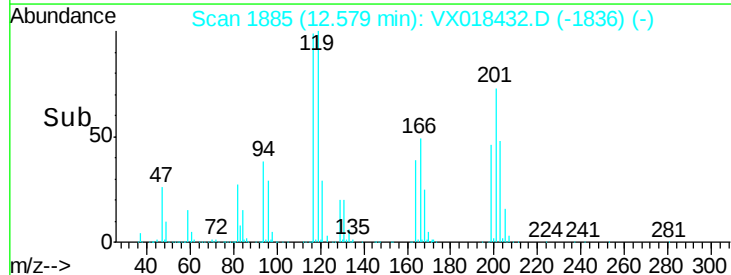
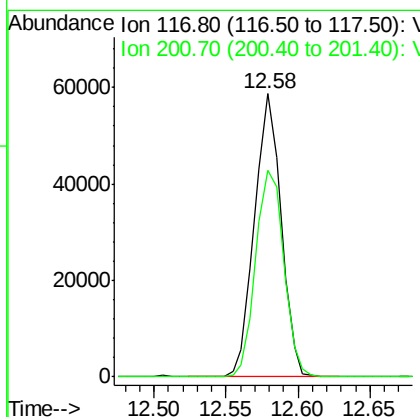
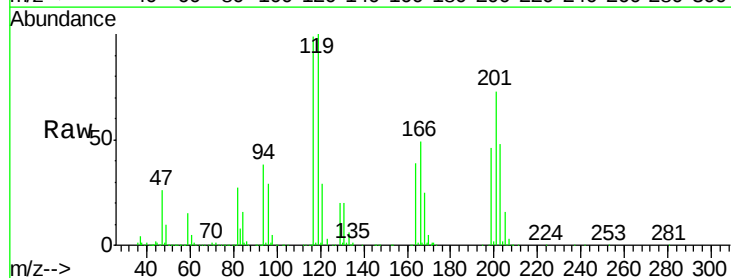
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.4	79.2
134	25.0	12.9	38.7



#90
Hexachloroethane
Concen: 21.013 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.8	38.5	115.3





#91

1,2-Dichlorobenzene

Concen: 19.247 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

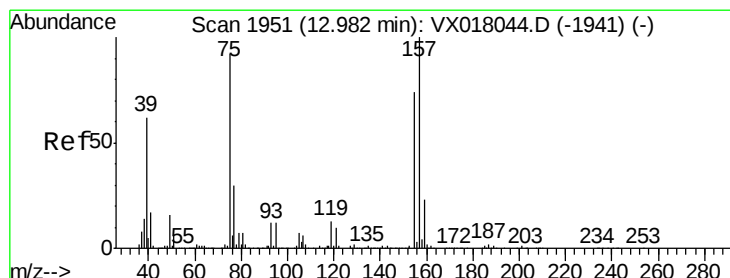
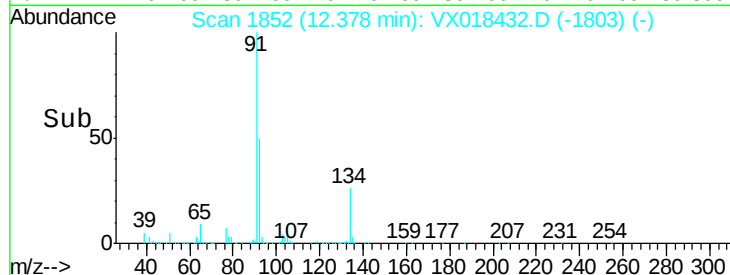
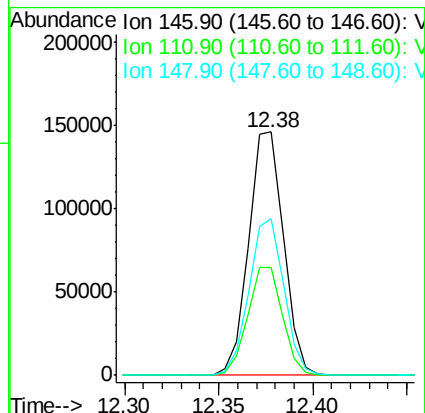
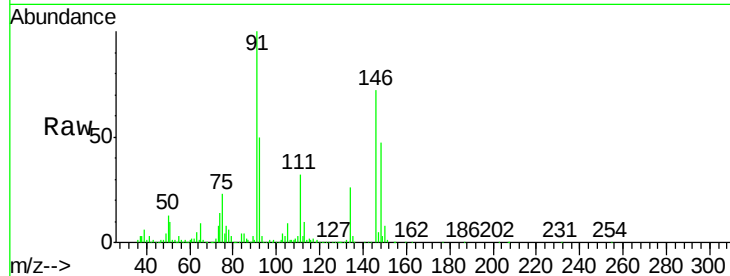
Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

Tgt Ion:	146	Resp:	188683
Ion	Ratio	Lower	Upper
146	100		
111	44.2	20.8	62.5
148	64.3	31.6	95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.575 ug/l

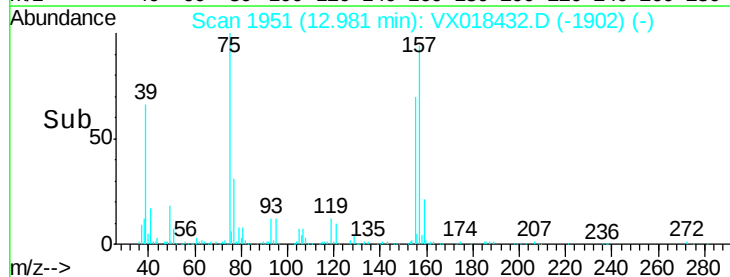
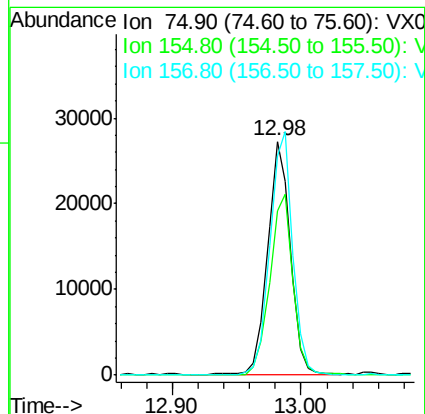
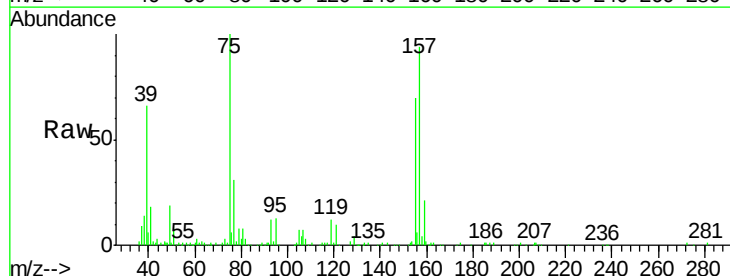
RT: 12.98 min Scan# 1951

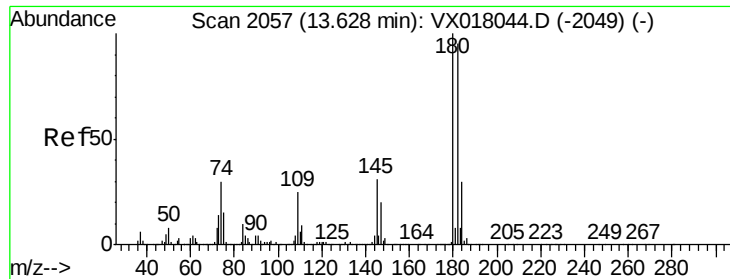
Delta R.T. -0.00 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Tgt Ion:	75	Resp:	33265
Ion	Ratio	Lower	Upper
75	100		
155	79.0	40.2	120.6
157	104.7	55.0	165.2

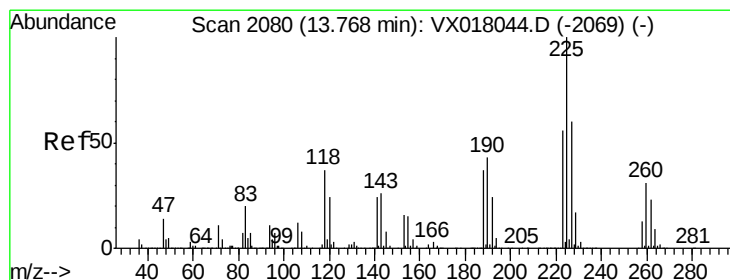
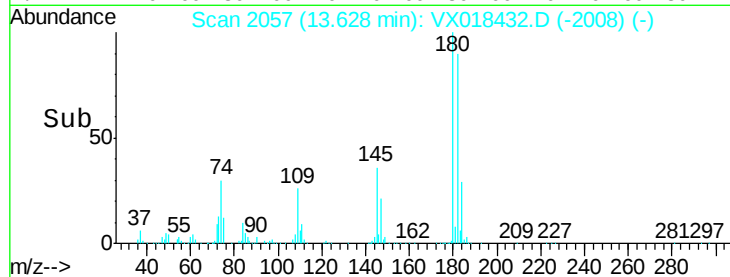
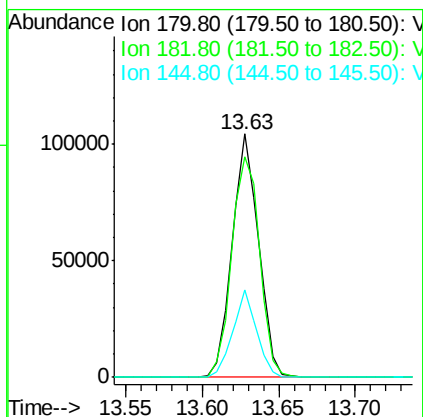
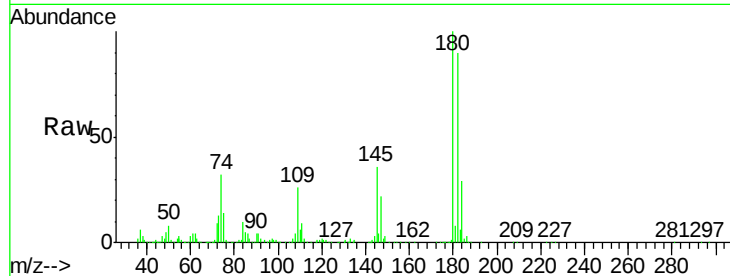




#93
1,2,4-Trichlorobenzene
Concen: 19.042 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

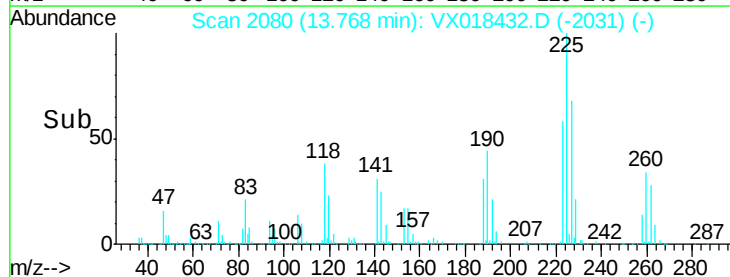
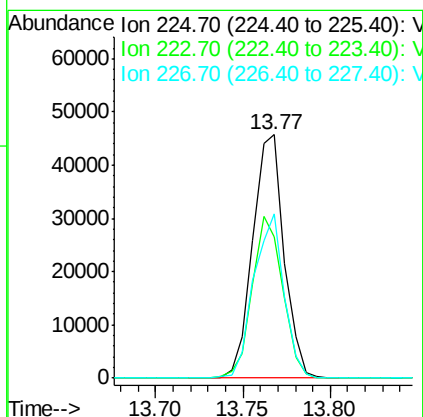
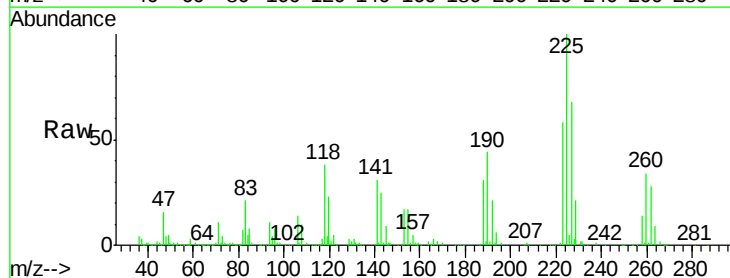
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

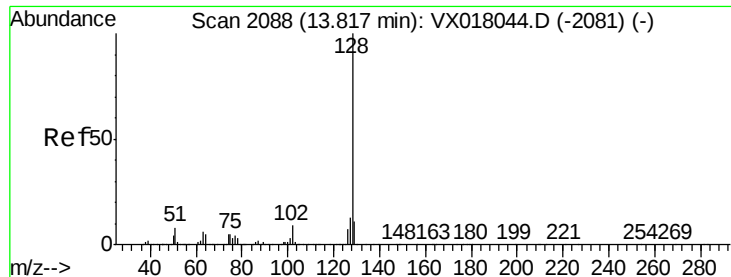
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.5	142.6
145	32.8	15.7	47.1



#94
Hexachlorobutadiene
Concen: 22.148 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX018432.D
Acq: 16 Sep 2020 11:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	30.7	92.1
227	64.8	32.6	97.8





#95

Naphthalene

Concen: 17.647 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

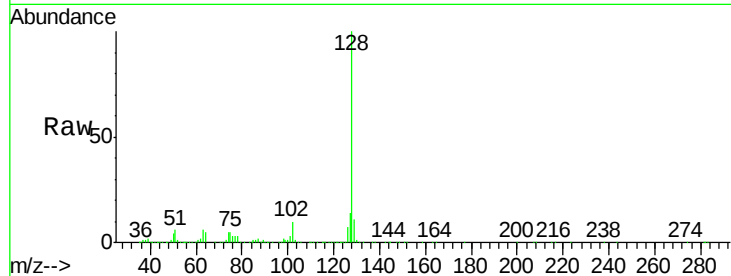
Tgt Ion:128 Resp: 379657

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.2

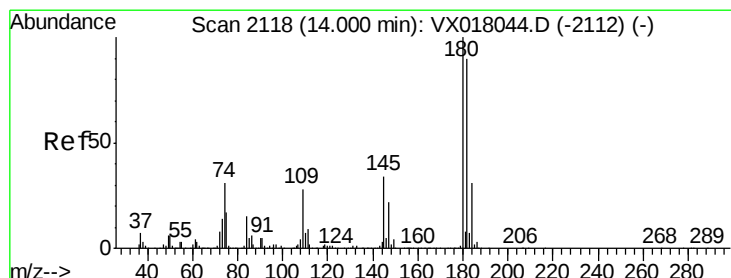
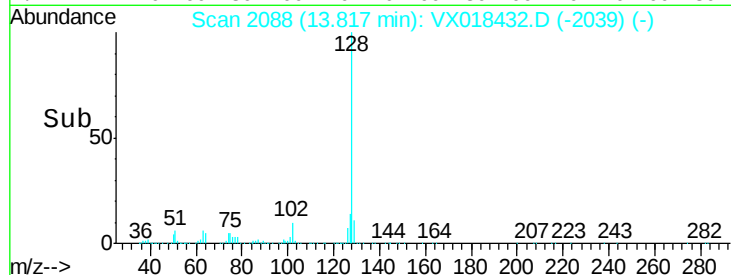
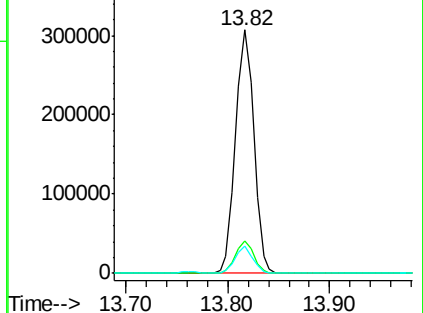
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.689 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018432.D

Acq: 16 Sep 2020 11:31

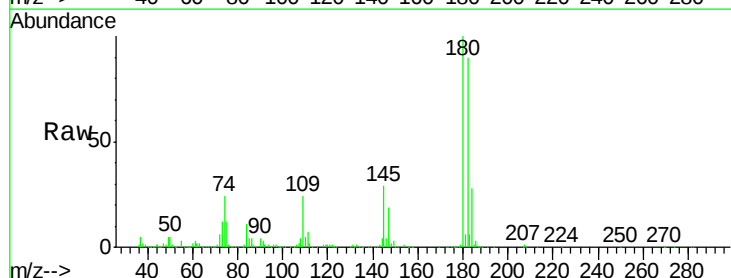
Tgt Ion:180 Resp: 127178

Ion Ratio Lower Upper

180 100

182 95.3 47.3 142.0

145 32.2 17.5 52.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

