

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091620\
 Data File : VX018436.D
 Acq On : 16 Sep 2020 13:43
 Operator : JC/SP
 Sample : VX0916WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBSD01

Quant Time: Sep 17 04:15:18 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	439746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	670581	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	638149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	347310	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	297513	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
35) Dibromofluoromethane	5.46	113	229218	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
50) Toluene-d8	8.70	98	793213	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	
62) 4-Bromofluorobenzene	11.12	95	317142	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	94508	17.652	ug/l	98
3) Chloromethane	1.31	50	92864	16.452	ug/l	97
4) Vinyl Chloride	1.39	62	97259	17.309	ug/l	99
5) Bromomethane	1.64	94	63290	23.352	ug/l	99
6) Chloroethane	1.72	64	58820	19.490	ug/l	99
7) Trichlorofluoromethane	1.92	101	172496	22.514	ug/l	98
8) Diethyl Ether	2.17	74	54161	20.844	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	91576	22.108	ug/l	98
10) Methyl Iodide	2.49	142	76660	20.756	ug/l	94
11) Tert butyl alcohol	3.00	59	93151	78.476	ug/l	98
12) 1,1-Dichloroethene	2.36	96	84235	19.601	ug/l	97
13) Acrolein	2.27	56	44054	89.508	ug/l	96
14) Allyl chloride	2.71	41	148214	19.197	ug/l	95
15) Acrylonitrile	3.11	53	244093	90.655	ug/l	96
16) Acetone	2.42	43	269992	113.499	ug/l	97
17) Carbon Disulfide	2.55	76	207849	15.999	ug/l	100
18) Methyl Acetate	2.75	43	132978	23.166	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	309058	20.970	ug/l	99
20) Methylene Chloride	2.84	84	95674	18.945	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	89390	18.775	ug/l	95
22) Diisopropyl ether	3.82	45	304655	19.992	ug/l	# 81
23) Vinyl Acetate	3.78	43	1303465	96.130	ug/l	98
24) 1,1-Dichloroethane	3.67	63	169601	19.552	ug/l	97
25) 2-Butanone	4.63	43	360094	92.108	ug/l	99
26) 2,2-Dichloropropane	4.56	77	170421	24.146	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	102726	18.726	ug/l	97
28) Bromochloromethane	4.98	49	65957	15.752	ug/l	97
29) Tetrahydrofuran	5.09	42	213194	85.665	ug/l	97
30) Chloroform	5.18	83	184980	20.594	ug/l	93
31) Cyclohexane	5.55	56	135508	18.545	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	172734	20.956	ug/l	100
36) 1,1-Dichloropropene	5.76	75	129538	20.944	ug/l	98
37) Ethyl Acetate	4.79	43	130256	18.132	ug/l	99
38) Carbon Tetrachloride	5.75	117	158824	22.786	ug/l	97

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 Data File : VX018436.D
 Acq On : 16 Sep 2020 13:43
 Operator : JC/SP
 Sample : VX0916WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBSD01

Quant Time: Sep 17 04:15:18 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	138606	20.494	ug/l	100
40) Benzene	6.11	78	367219	20.206	ug/l	99
41) Methacrylonitrile	5.00	41	77474	19.642	ug/l	98
42) 1,2-Dichloroethane	6.16	62	155666	22.356	ug/l	98
43) Isopropyl Acetate	6.41	43	225677	19.450	ug/l	99
44) Trichloroethene	7.19	130	109439	21.311	ug/l	95
45) 1,2-Dichloropropane	7.49	63	99223	20.257	ug/l	95
46) Dibromomethane	7.63	93	70807	20.556	ug/l	98
47) Bromodichloromethane	7.87	83	152366	22.154	ug/l	100
48) Methyl methacrylate	7.74	41	110496	19.130	ug/l	98
49) 1,4-Dioxane	7.71	88	28771	274.986	ug/l #	83
51) 4-Methyl-2-Pentanone	8.62	43	709454	98.986	ug/l	100
52) Toluene	8.76	92	235886	20.469	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	163026	21.387	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	170696	21.139	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	105181	21.400	ug/l	91
56) Ethyl methacrylate	9.16	69	145116	19.861	ug/l	98
57) 1,3-Dichloropropane	9.35	76	164510	20.293	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	334563	101.788	ug/l	98
59) 2-Hexanone	9.47	43	537456	98.619	ug/l	99
60) Dibromochloromethane	9.56	129	125288	21.730	ug/l	100
61) 1,2-Dibromoethane	9.65	107	111192	20.838	ug/l	100
64) Tetrachloroethene	9.32	164	100622	21.457	ug/l	96
65) Chlorobenzene	10.12	112	273123	21.429	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	111571	22.211	ug/l	98
67) Ethyl Benzene	10.23	91	466317	21.515	ug/l	97
68) m/p-Xylenes	10.34	106	350175	43.285	ug/l	96
69) o-Xylene	10.68	106	164741	21.007	ug/l	95
70) Styrene	10.70	104	282255	21.134	ug/l	97
71) Bromoform	10.84	173	92308	21.544	ug/l	99
73) Isopropylbenzene	11.00	105	466553	20.366	ug/l	100
74) N-amyl acetate	10.88	43	197930	18.210	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	151225	18.713	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	182624	23.637	ug/l	84
77) Bromobenzene	11.24	156	123724	19.538	ug/l	96
78) n-propylbenzene	11.34	91	534715	20.556	ug/l	99
79) 2-Chlorotoluene	11.40	91	317940	19.784	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	397452	21.112	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	54300	18.982	ug/l	97
82) 4-Chlorotoluene	11.49	91	392834	20.562	ug/l	100
83) tert-Butylbenzene	11.76	119	393176	21.163	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	406559	21.123	ug/l	100
85) sec-Butylbenzene	11.93	105	449940	21.297	ug/l	100
86) p-Isopropyltoluene	12.05	119	435674	22.450	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	224696	20.210	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	232655	20.899	ug/l	97
89) n-Butylbenzene	12.37	91	384060	21.683	ug/l	99
90) Hexachloroethane	12.58	117	81951	21.463	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	211065	20.167	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	36518	18.072	ug/l	96

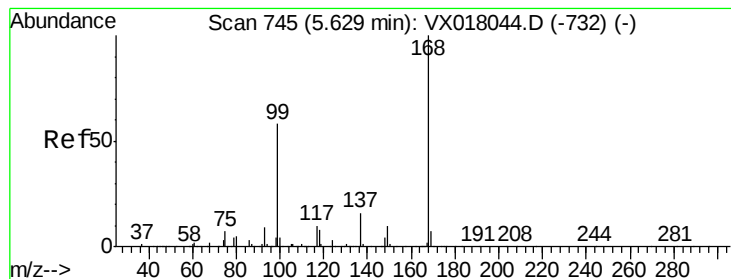
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091620\
Data File : VX018436.D
Acq On : 16 Sep 2020 13:43
Operator : JC/SP
Sample : VX0916WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBSD01

Quant Time: Sep 17 04:15:18 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)
93) 1,2,4-Trichlorobenzene	13.63	180	152852	21.902	ug/l	98
94) Hexachlorobutadiene	13.77	225	70841	25.735	ug/l	98
95) Naphthalene	13.82	128	435898	18.979	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	151359	21.950	ug/l	95

(#) = 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: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

ClientSampleId :

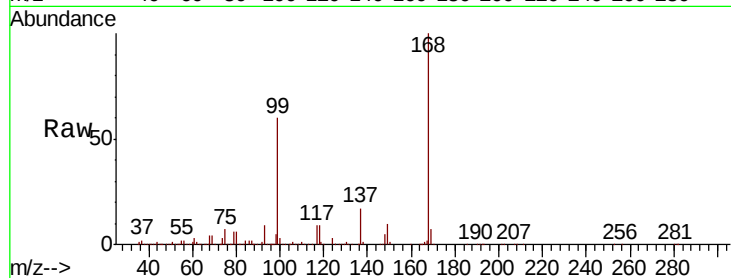
VX0916WBSD01

Tot Ion:168 Resp: 439746

Ion Ratio Lower Upper

168 100

99 59.9 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

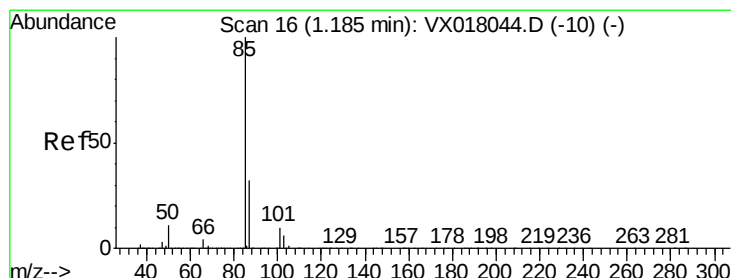
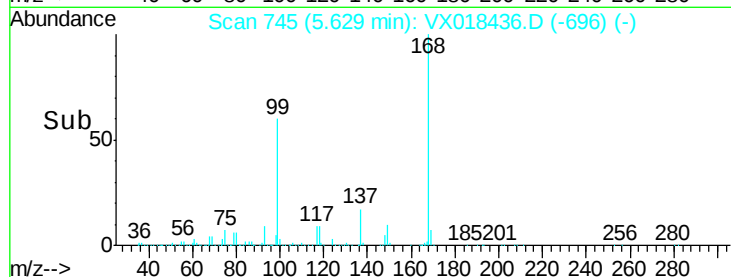
100000

50000

0

Time-->

5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 17.652 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018436.D

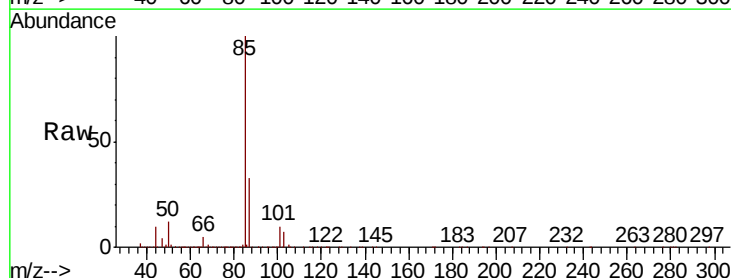
Acq: 16 Sep 2020 13:43

Tgt Ion: 85 Resp: 94508

Ion Ratio Lower Upper

85 100

87 33.4 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

120000

100000

80000

60000

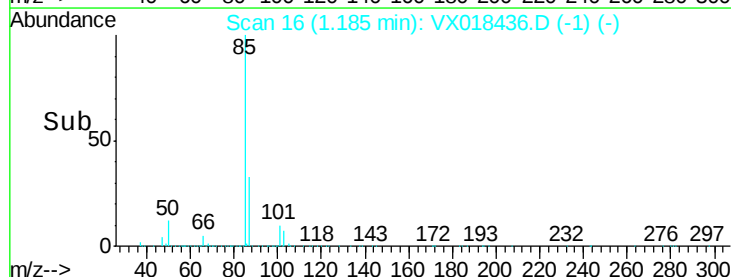
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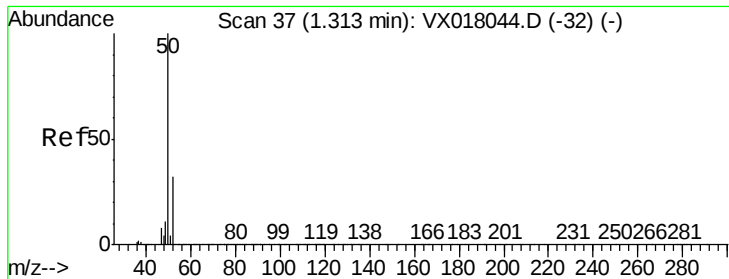
20000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 16.452 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

ClientSampleId :

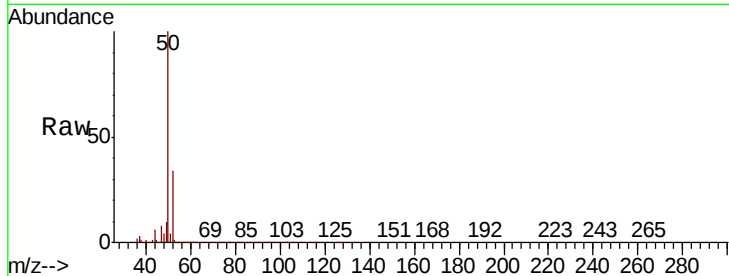
VX0916WBSD01

Tot Ion: 50 Resp: 92864

Ion Ratio Lower Upper

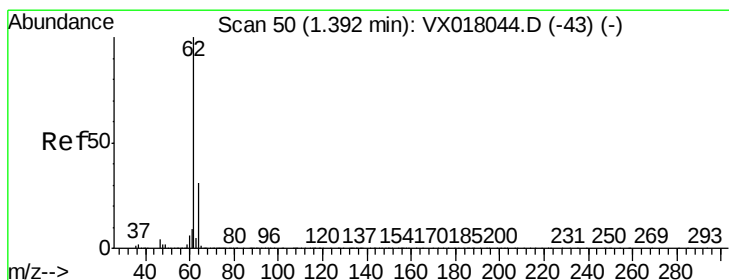
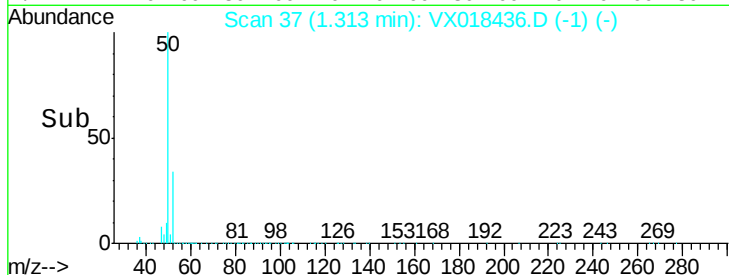
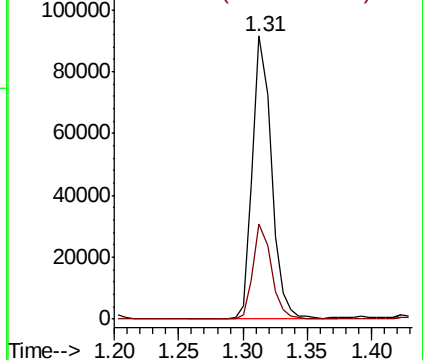
50 100

52 33.7 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.309 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018436.D

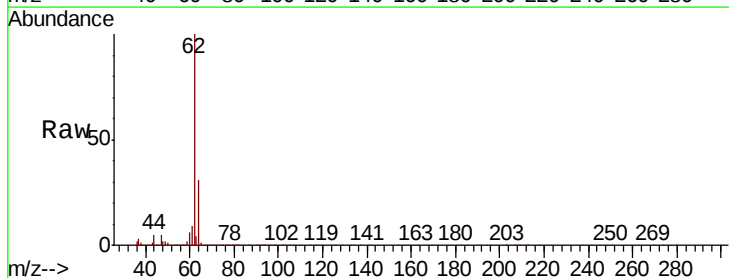
Acq: 16 Sep 2020 13:43

Tgt Ion: 62 Resp: 97259

Ion Ratio Lower Upper

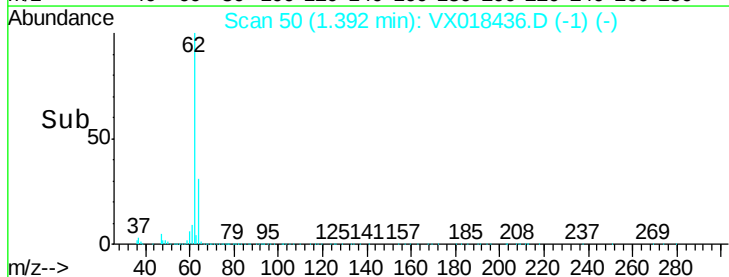
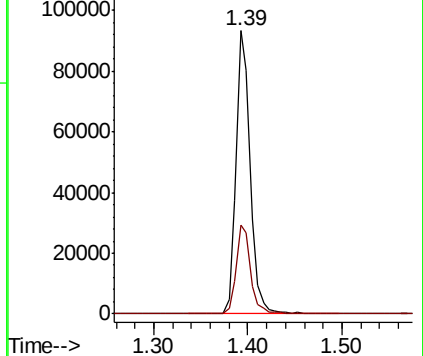
62 100

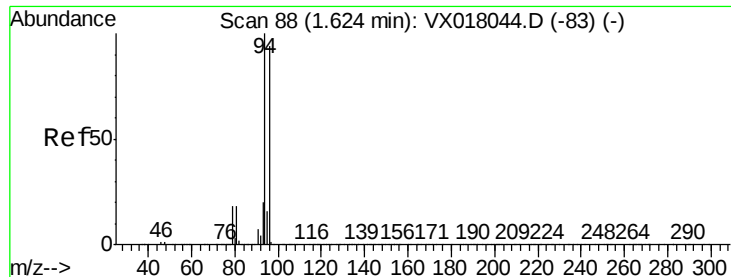
64 31.1 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 23.352 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

ClientSampleId :

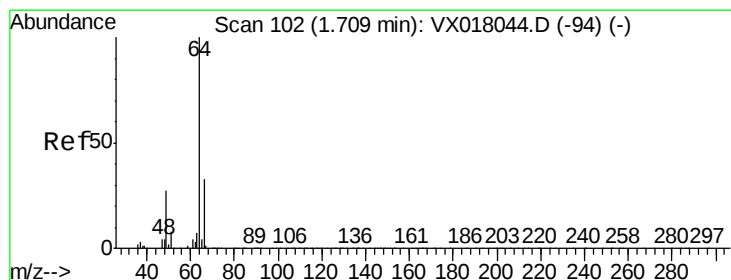
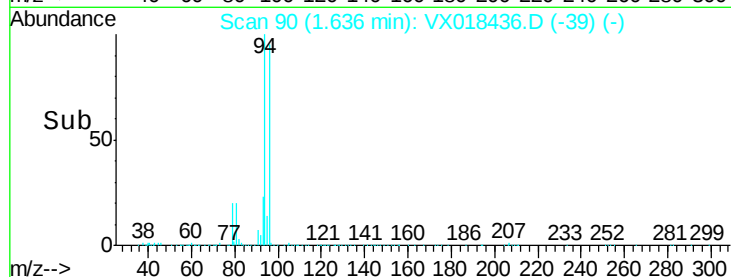
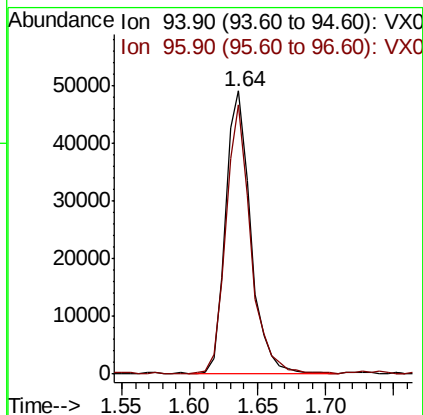
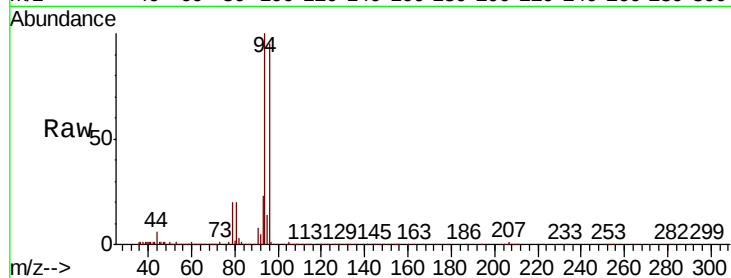
VX0916WBSD01

Tot Ion: 94 Resp: 63290

Ion Ratio Lower Upper

94 100

96 94.7 74.8 112.2



#6

Chloroethane

Concen: 19.490 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018436.D

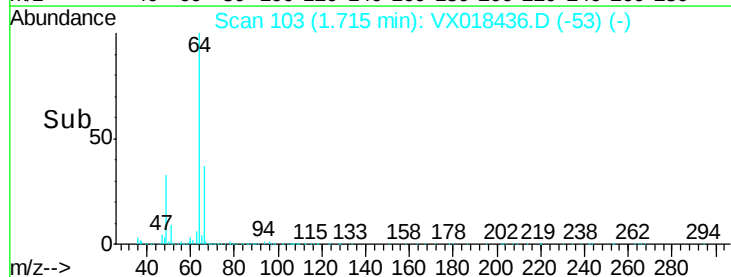
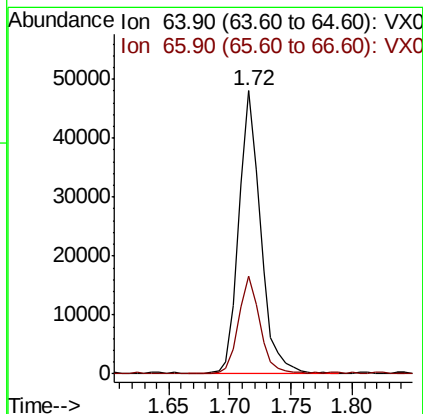
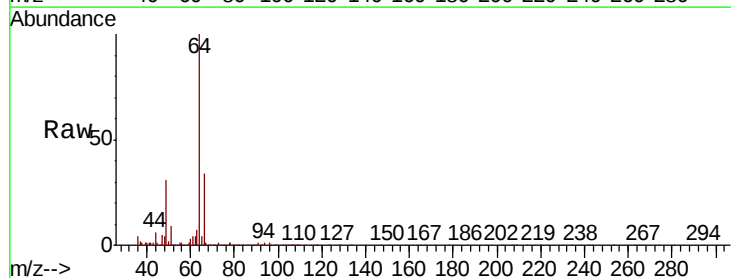
Acq: 16 Sep 2020 13:43

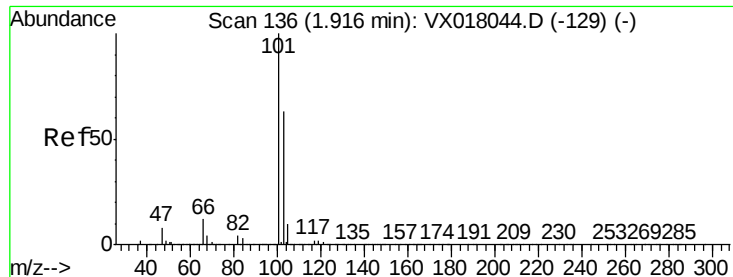
Tgt Ion: 64 Resp: 58820

Ion Ratio Lower Upper

64 100

66 34.0 26.6 39.8



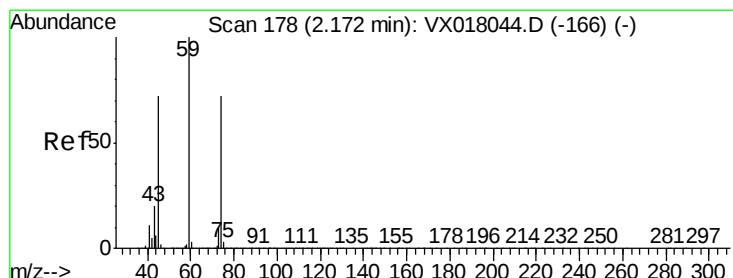
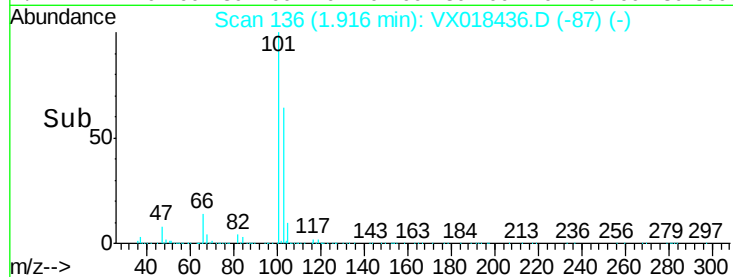
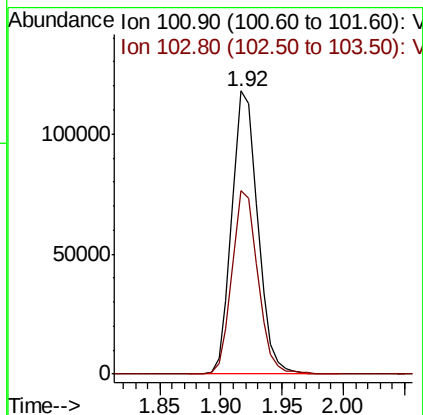
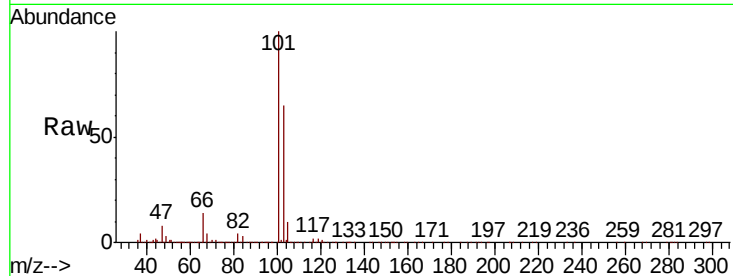


#7

Trichlorofluoromethane
Concen: 22.514 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBSD01

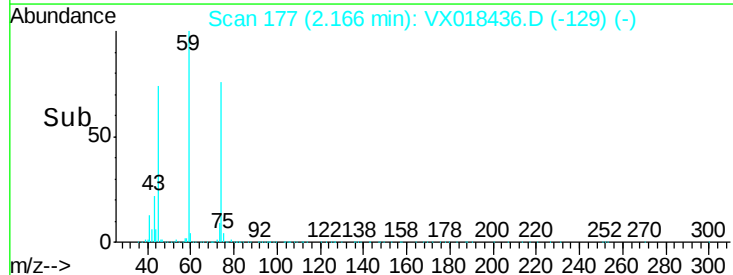
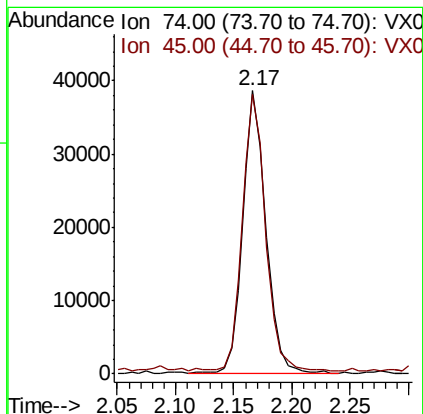
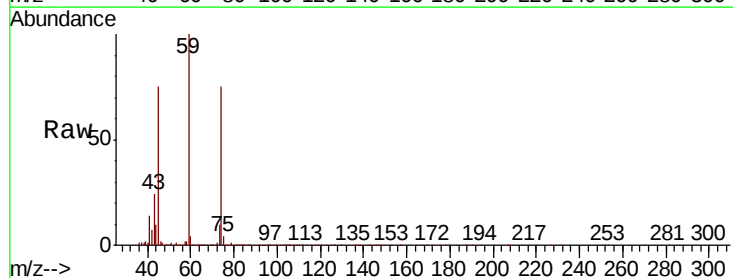
Tot Ion:101 Resp: 172496
Ion Ratio Lower Upper
101 100
103 64.6 50.7 76.1

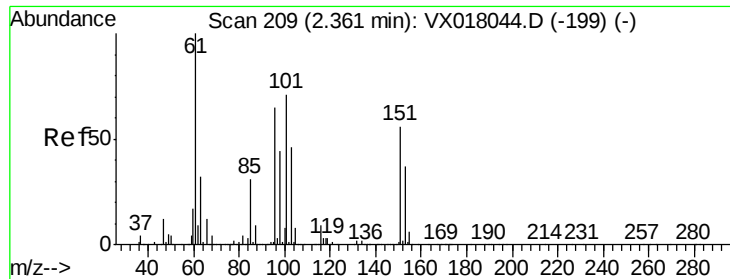


#8

Diethyl Ether
Concen: 20.844 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Tgt Ion: 74 Resp: 54161
Ion Ratio Lower Upper
74 100
45 97.8 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.108 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBSD01

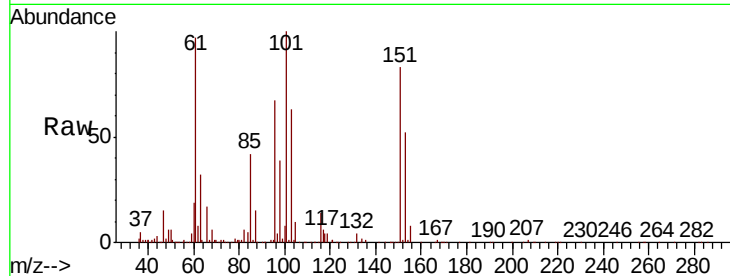
Tot Ion:101 Resp: 91576

Ion Ratio Lower Upper

101 100

85 43.9 34.0 51.0

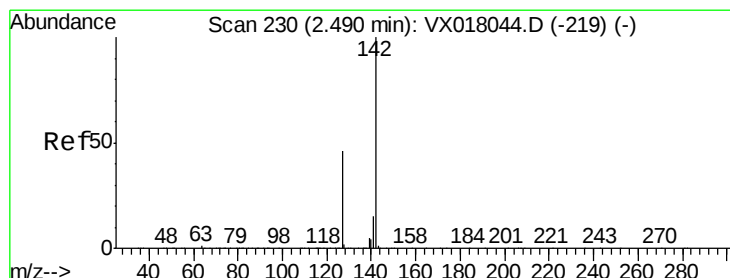
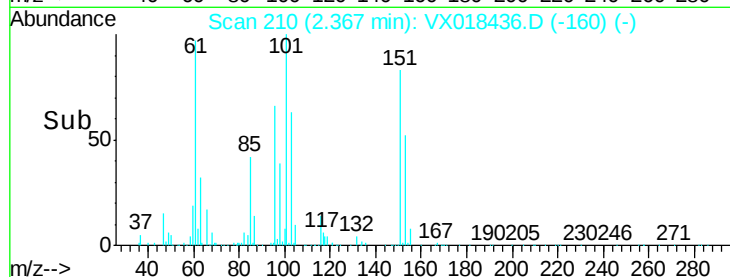
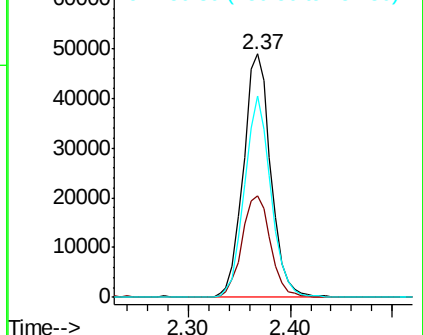
151 79.8 65.2 97.8



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: 20.756 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

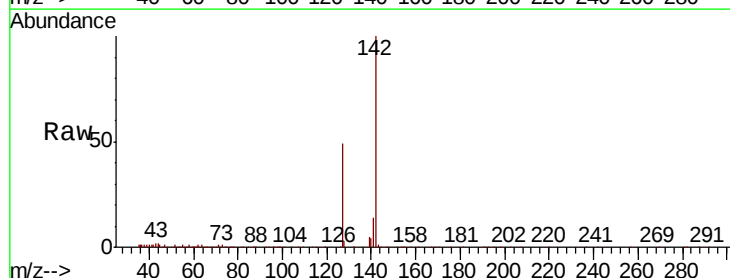
Tgt Ion:142 Resp: 76660

Ion Ratio Lower Upper

142 100

127 51.1 37.0 55.6

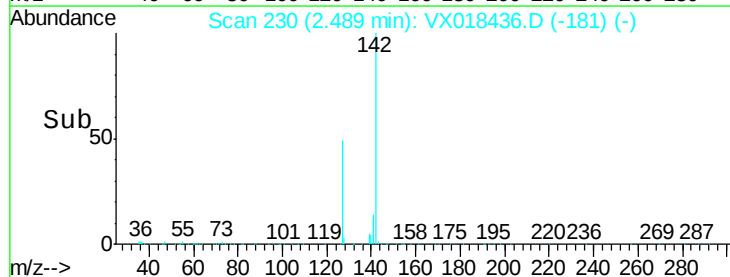
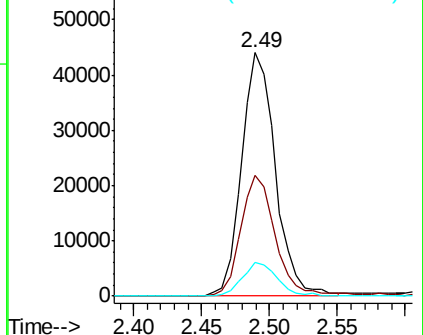
141 14.6 11.5 17.3

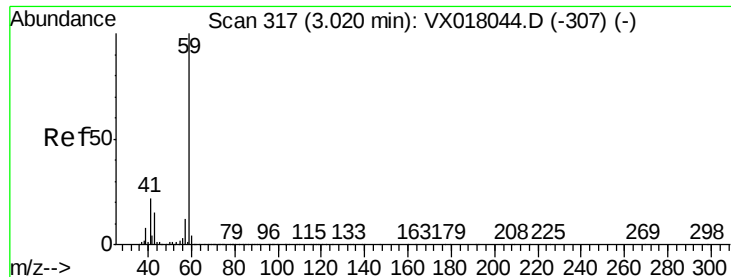


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



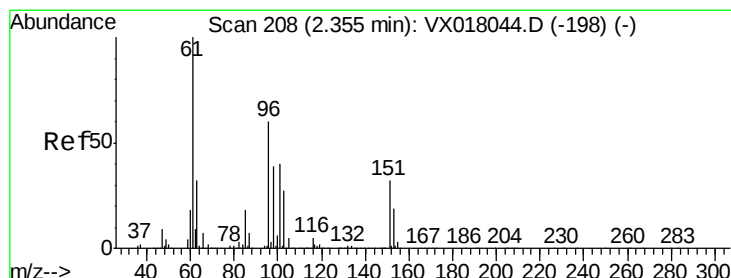
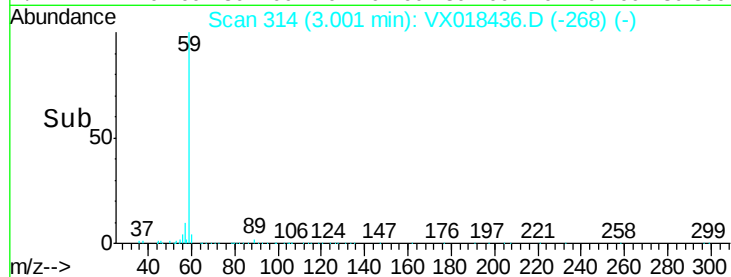
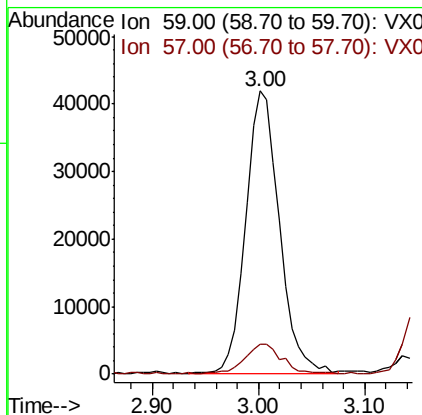
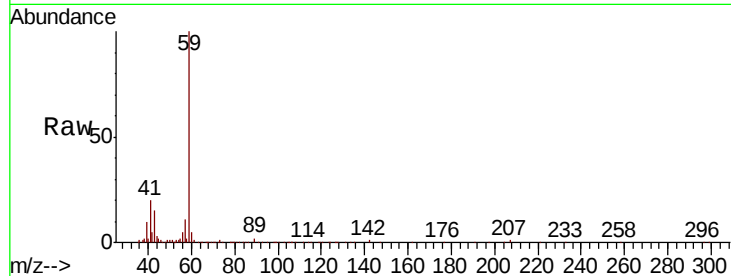


#11

Tert butyl alcohol
 Concen: 78.476 ug/l
 RT: 3.00 min Scan# 314
 Delta R.T. -0.02 min
 Lab File: VX018436.D
 Acq: 16 Sep 2020 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBSD01

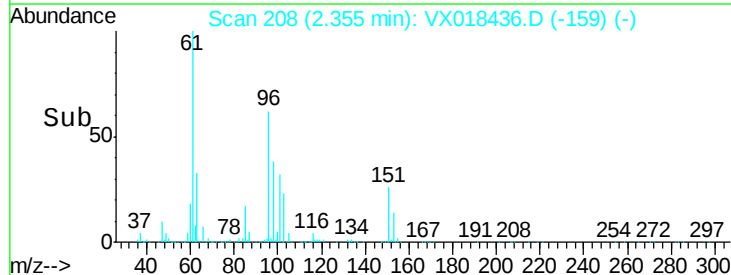
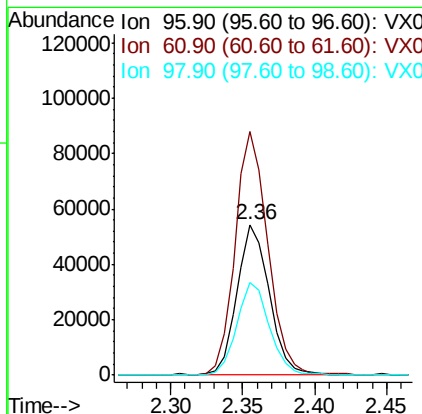
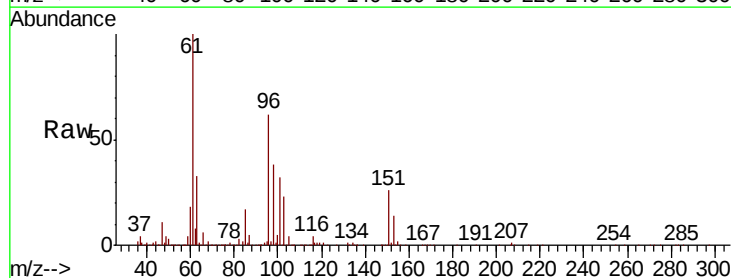
Tot Ion: 59 Resp: 93151
 Ion Ratio Lower Upper
 59 100
 57 11.8 8.9 13.3

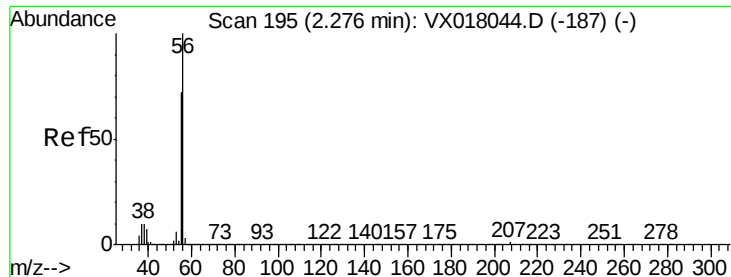


#12

1,1-Dichloroethene
 Concen: 19.601 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX018436.D
 Acq: 16 Sep 2020 13:43

Tgt Ion: 96 Resp: 84235
 Ion Ratio Lower Upper
 96 100
 61 162.2 133.0 199.4
 98 61.2 51.6 77.4





#13

Acrolein

Concen: 89.508 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

ClientSampleId :

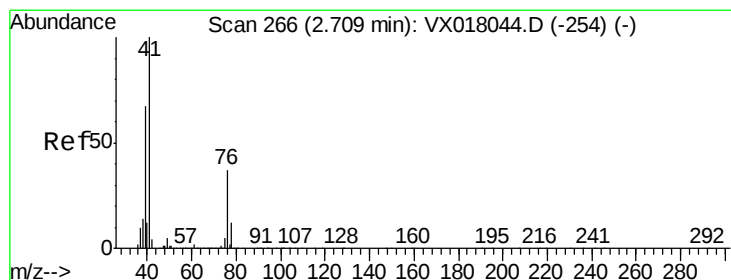
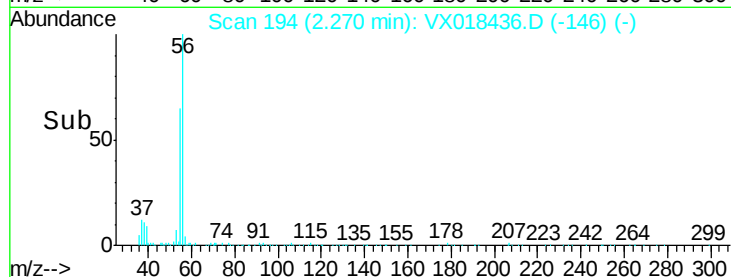
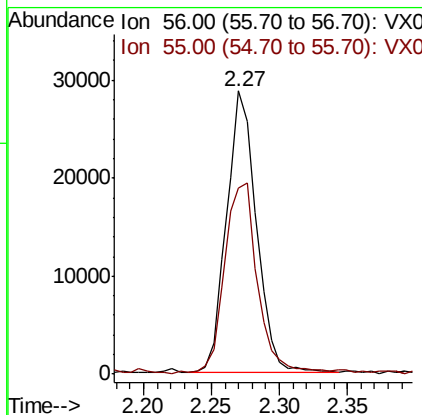
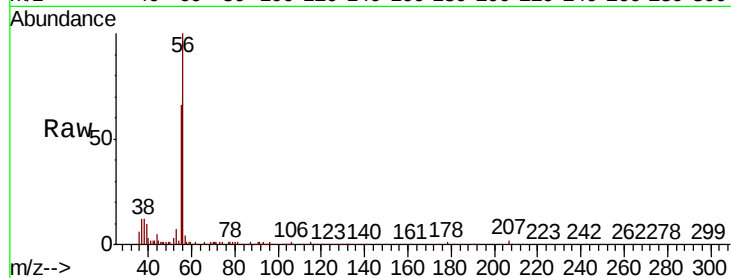
VX0916WBSD01

Tot Ion: 56 Resp: 44054

Ion Ratio Lower Upper

56 100

55 74.4 57.0 85.6



#14

Allyl chloride

Concen: 19.197 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

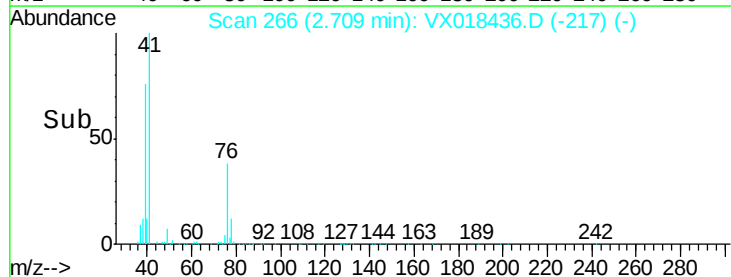
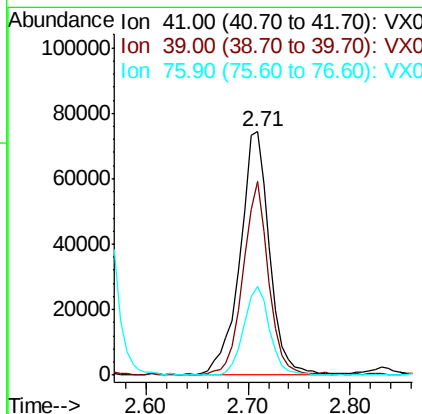
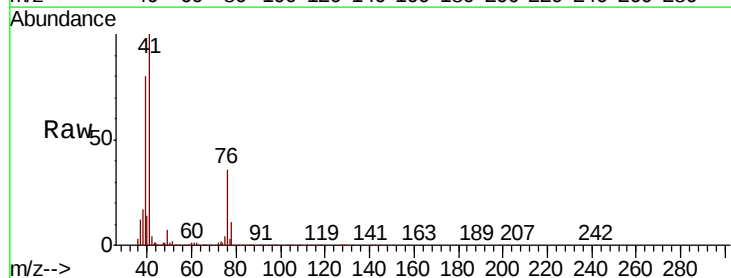
Tgt Ion: 41 Resp: 148214

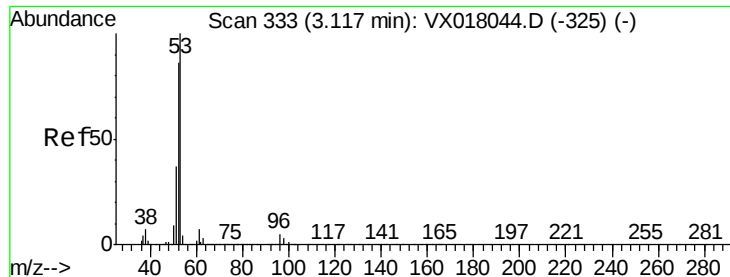
Ion Ratio Lower Upper

41 100

39 69.3 50.6 76.0

76 32.8 26.2 39.2





#15

Acrylonitrile

Concen: 90.655 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBSD01

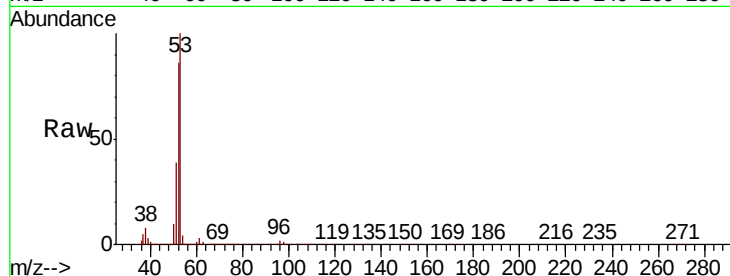
Tot Ion: 53 Resp: 244093

Ion Ratio Lower Upper

53 100

52 87.1 66.9 100.3

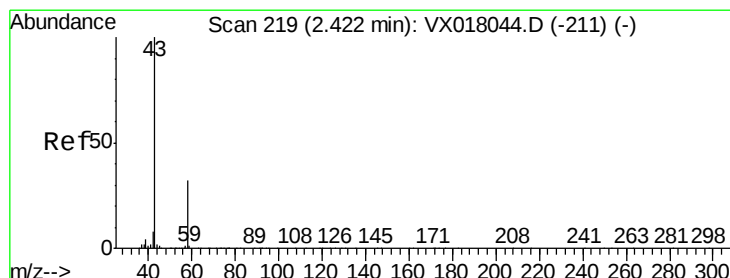
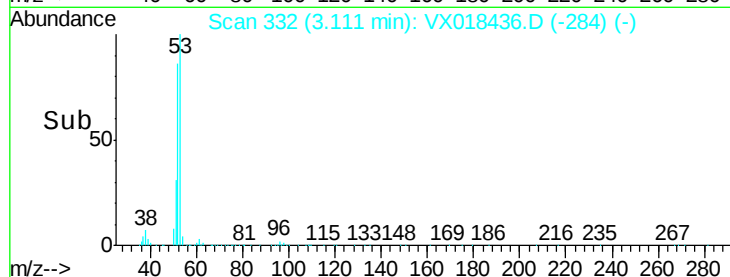
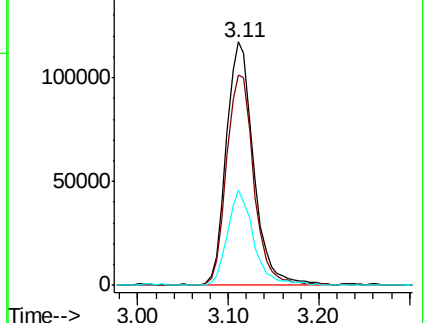
51 37.6 28.7 43.1



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: 113.499 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX018436.D

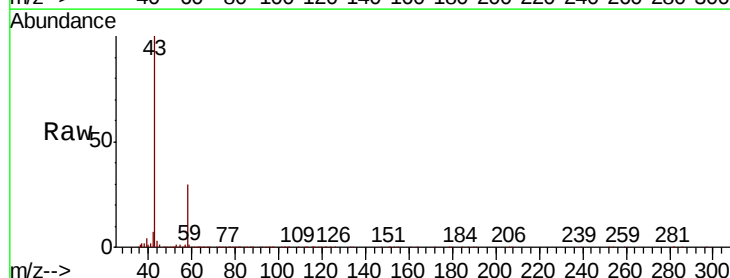
Acq: 16 Sep 2020 13:43

Tgt Ion: 43 Resp: 269992

Ion Ratio Lower Upper

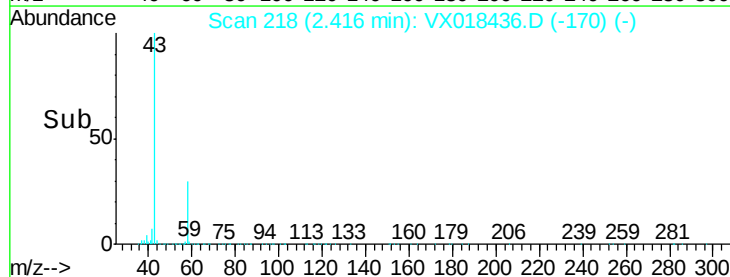
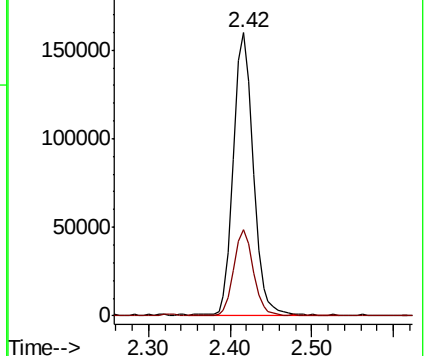
43 100

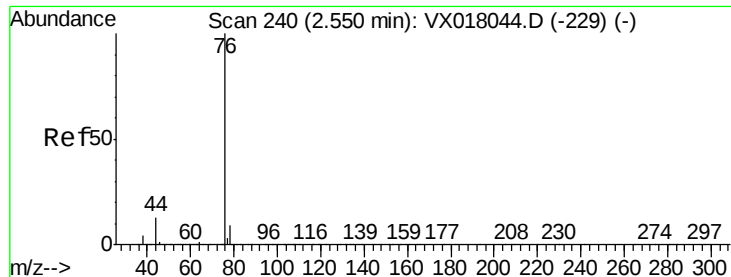
58 30.2 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

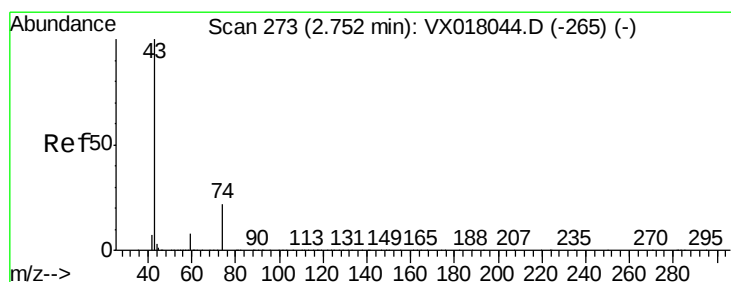
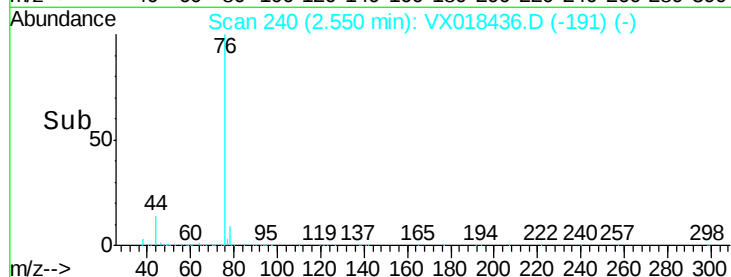
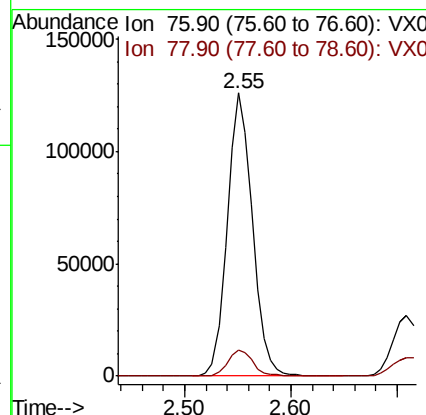
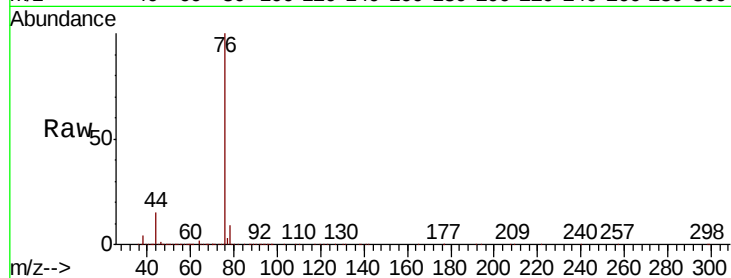




#17
Carbon Disulfide
Concen: 15.999 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

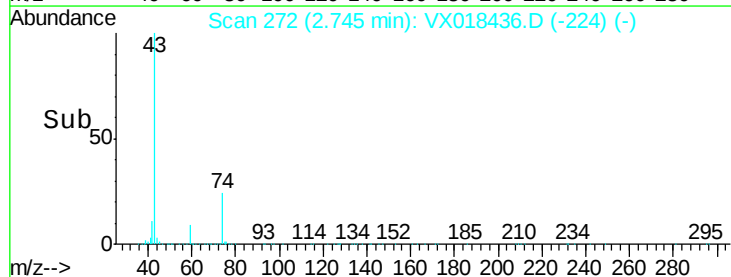
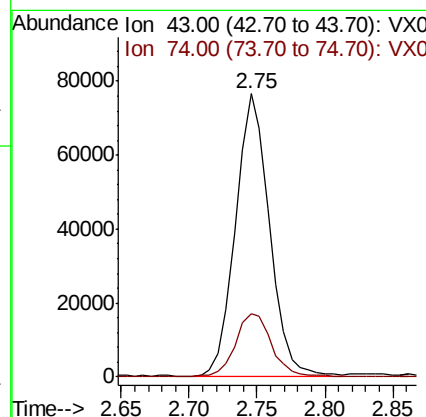
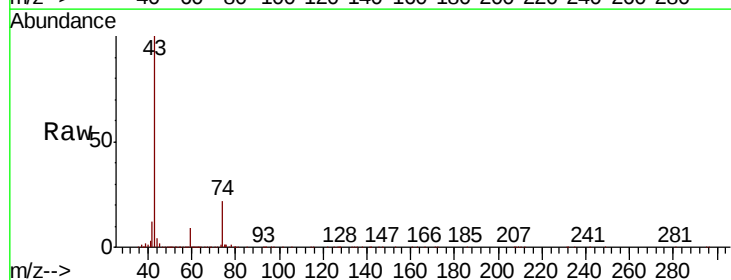
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBSD01

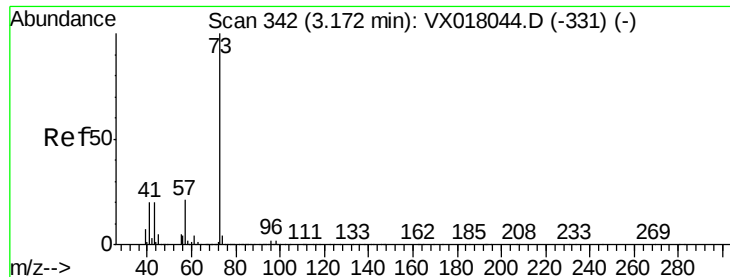
Tot Ion: 76 Resp: 207849
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 23.166 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Tgt Ion: 43 Resp: 132978
Ion Ratio Lower Upper
43 100
74 23.5 18.2 27.4



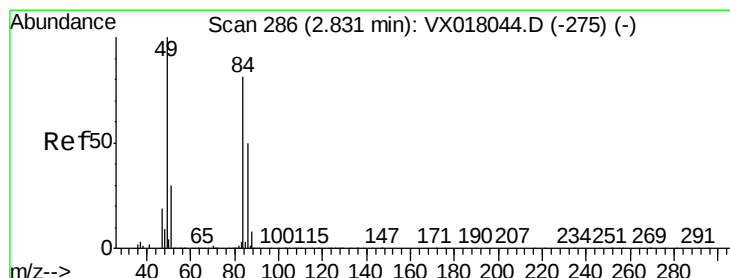
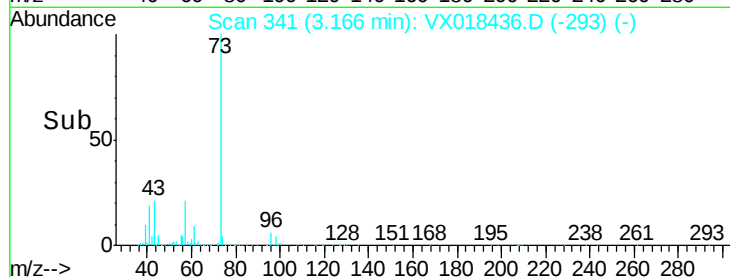
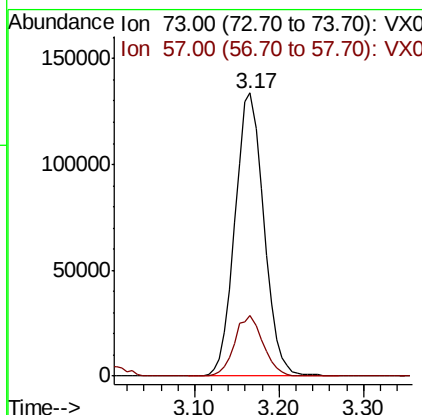
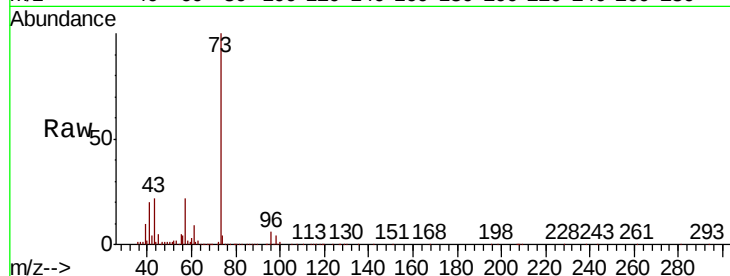


#19

Methyl tert-butyl Ether
 Concen: 20.970 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX018436.D
 Acq: 16 Sep 2020 13:43

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0916WBSD01

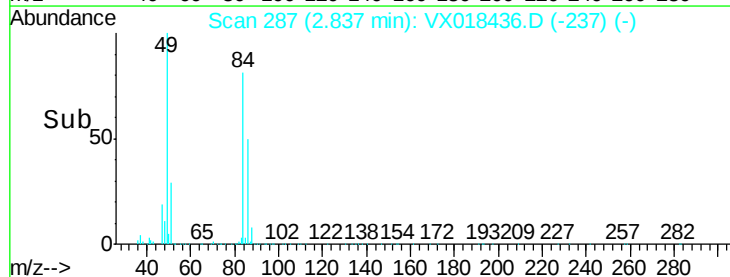
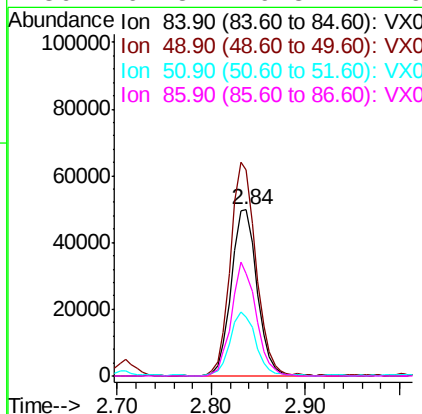
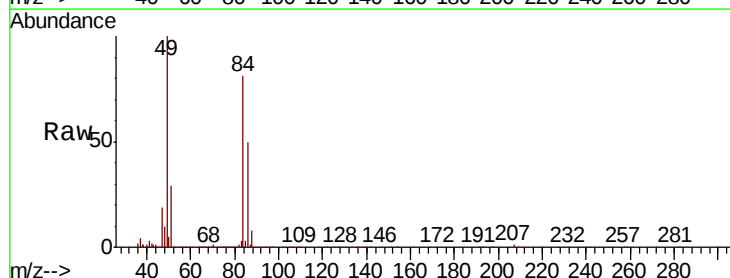
Tot Ion: 73 Resp: 309058
 Ion Ratio Lower Upper
 73 100
 57 21.5 16.8 25.2



#20

Methylene Chloride
 Concen: 18.945 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: VX018436.D
 Acq: 16 Sep 2020 13:43

Tgt Ion: 84 Resp: 95674
 Ion Ratio Lower Upper
 84 100
 49 123.8 98.6 148.0
 51 35.5 29.6 44.4
 86 61.8 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 18.775 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBSD01

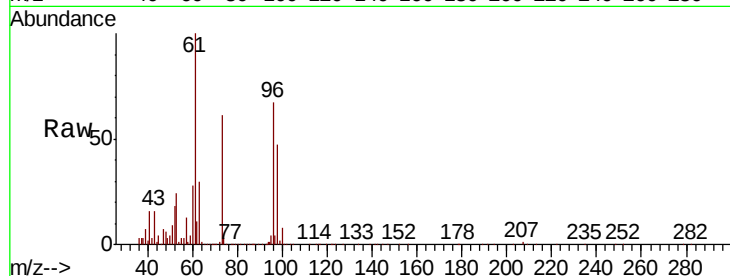
Tot Ion: 96 Resp: 89390

Ion Ratio Lower Upper

96 100

61 148.4 115.4 173.0

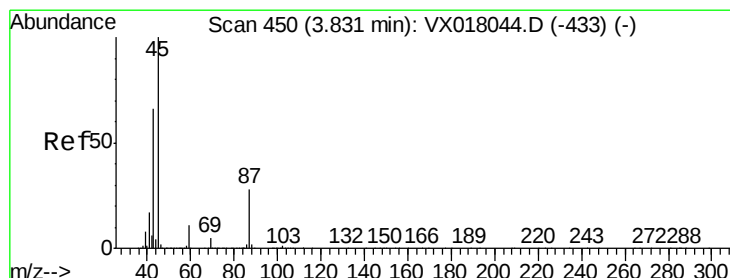
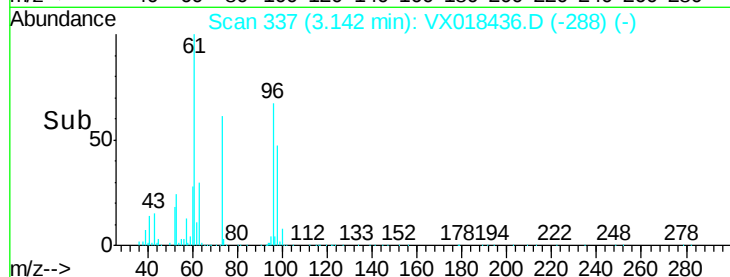
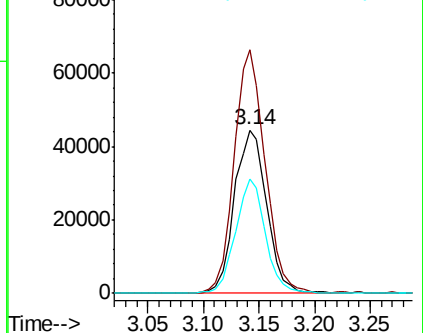
98 70.3 51.1 76.7



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: 19.992 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Tgt Ion: 45 Resp: 304655

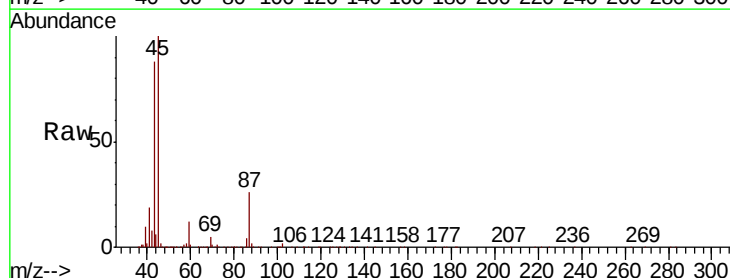
Ion Ratio Lower Upper

45 100

43 88.1 52.8 79.2#

87 25.8 22.5 33.7

59 12.3 9.0 13.6

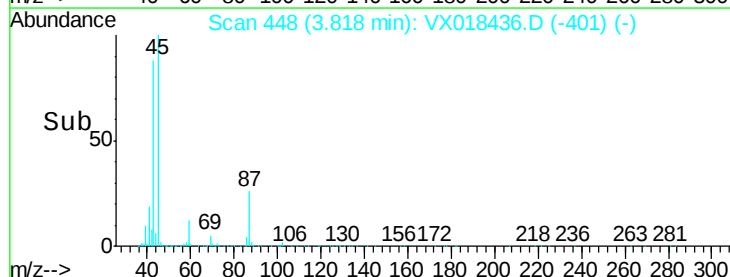
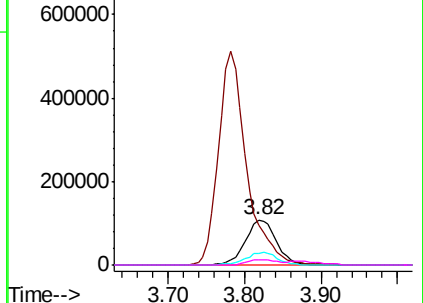


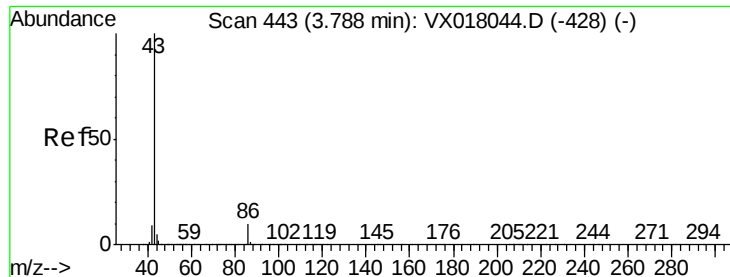
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 96.130 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

ClientSampleId :

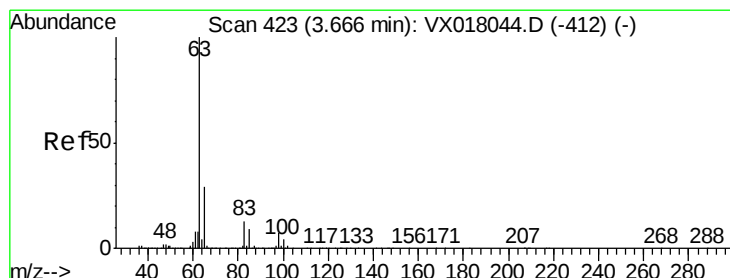
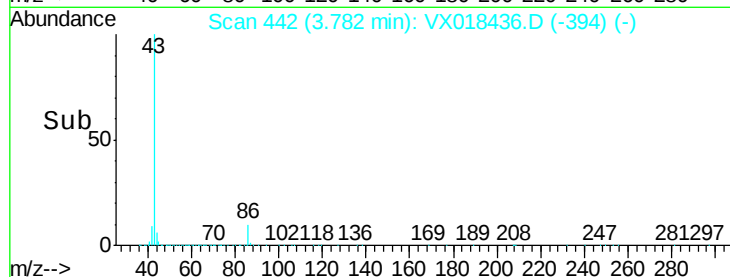
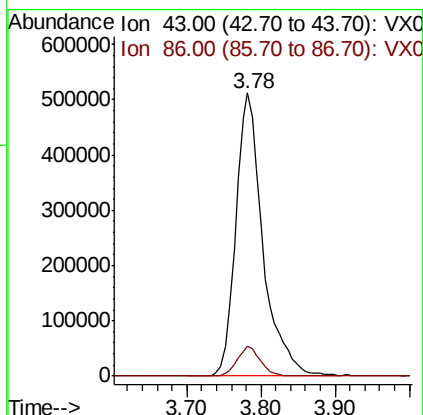
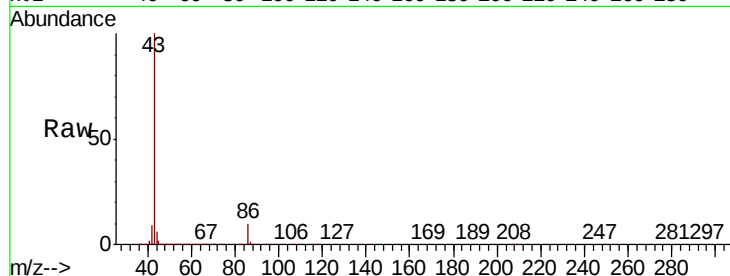
VX0916WBSD01

Tot Ion: 43 Resp: 1303465

Ion Ratio Lower Upper

43 100

86 10.5 7.9 11.9



#24

1,1-Dichloroethane

Concen: 19.552 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

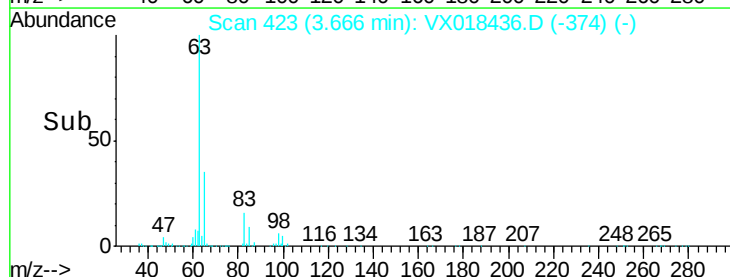
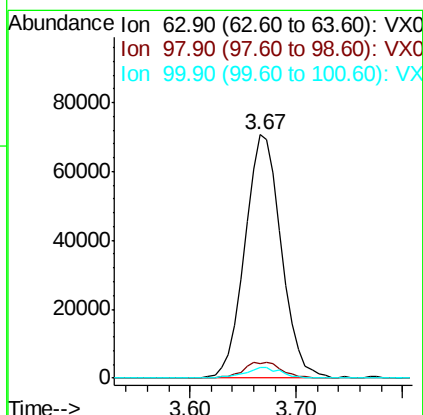
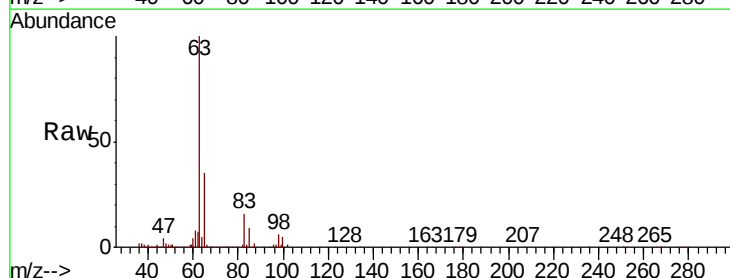
Tgt Ion: 63 Resp: 169601

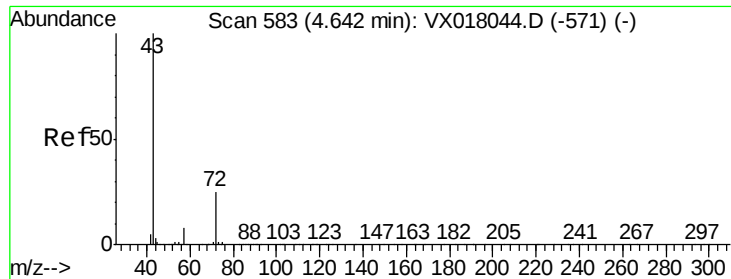
Ion Ratio Lower Upper

63 100

98 5.8 3.6 10.8

100 4.6 2.0 6.0

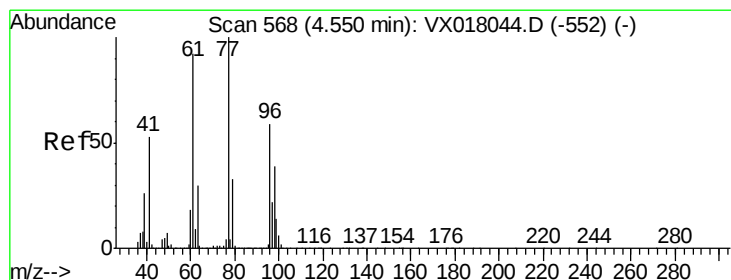
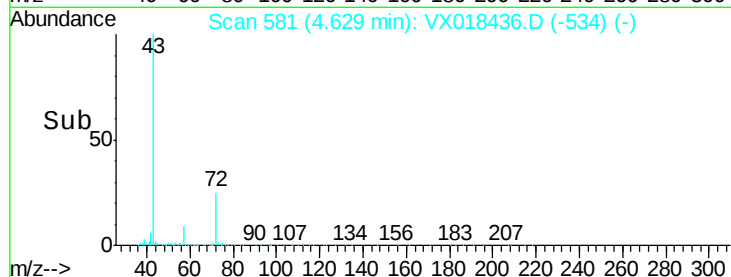
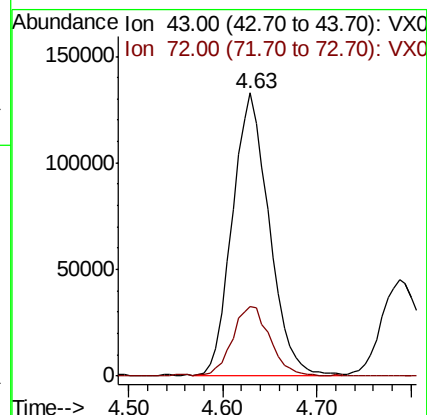
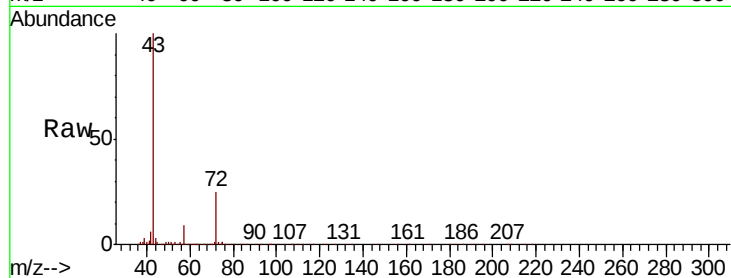




#25
2-Butanone
Concen: 92.108 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

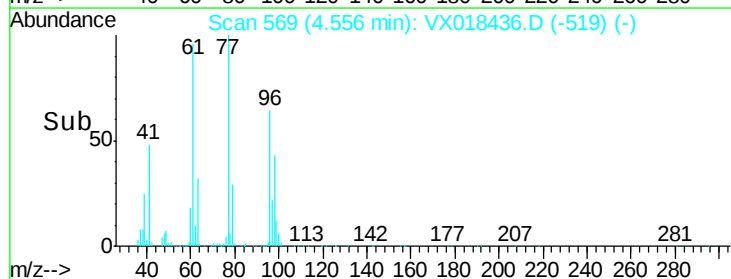
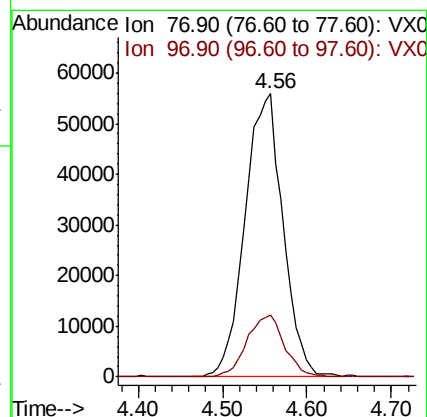
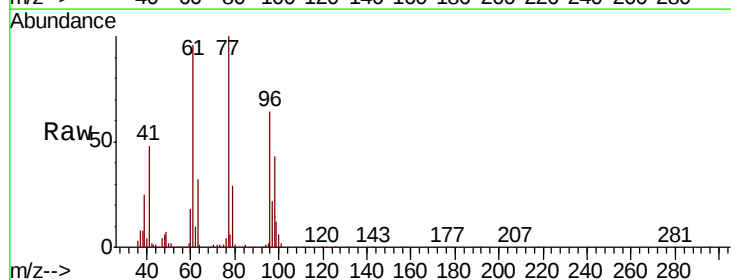
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBSD01

Tot Ion: 43 Resp: 360094
Ion Ratio Lower Upper
43 100
72 24.4 19.8 29.6



#26
2,2-Dichloropropane
Concen: 24.146 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Tgt Ion: 77 Resp: 170421
Ion Ratio Lower Upper
77 100
97 21.8 11.5 34.5



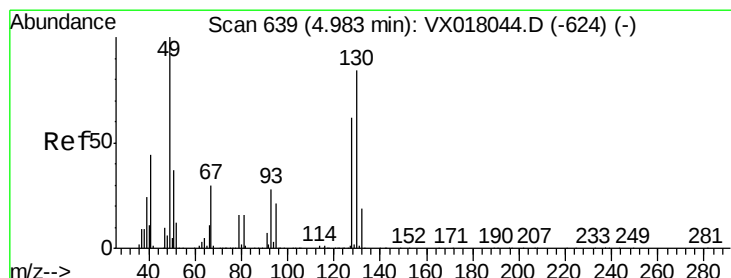
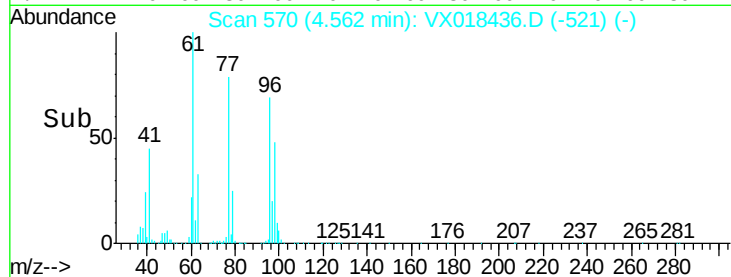
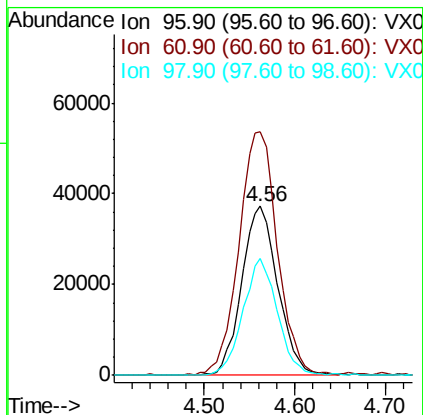
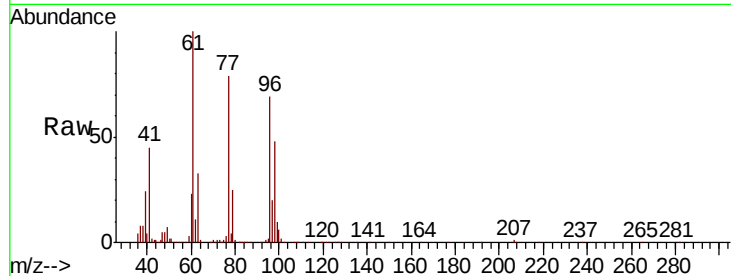


#27

cis-1,2-Dichloroethene
Concen: 18.726 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBSD01

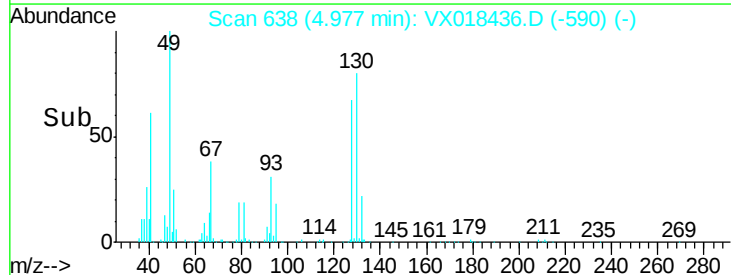
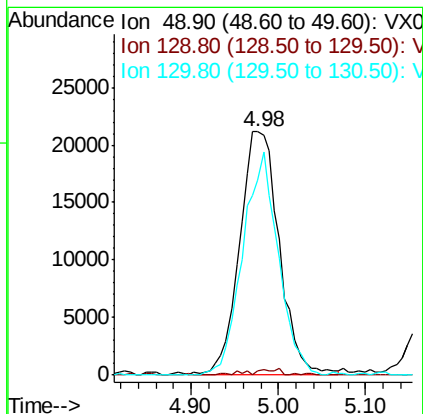
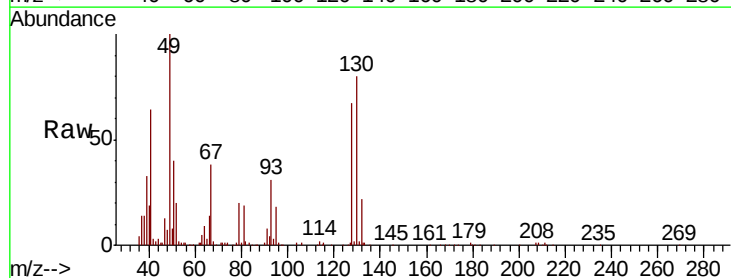
Tot Ion: 96 Resp: 102726
Ion Ratio Lower Upper
96 100
61 153.5 0.0 296.6
98 65.7 0.0 130.2



#28

Bromochloromethane
Concen: 15.752 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Tgt Ion: 49 Resp: 65957
Ion Ratio Lower Upper
49 100
129 0.7 0.0 4.6
130 83.2 64.6 96.8

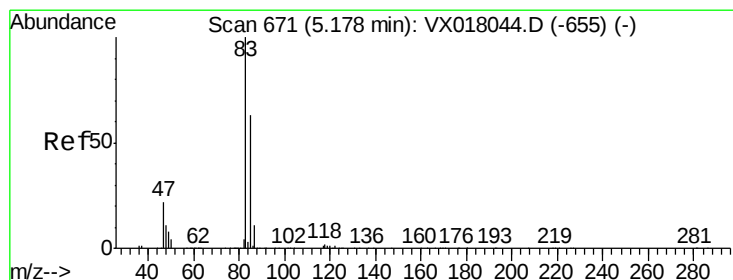
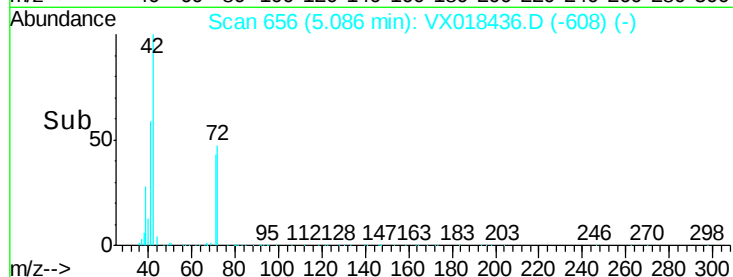
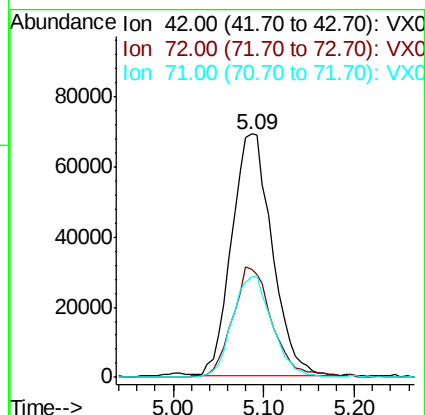
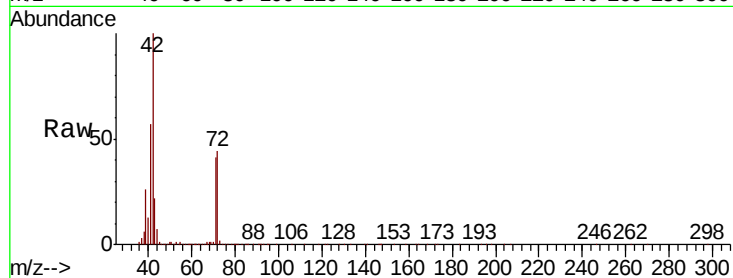




#29
Tetrahydrofuran
Concen: 85.665 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

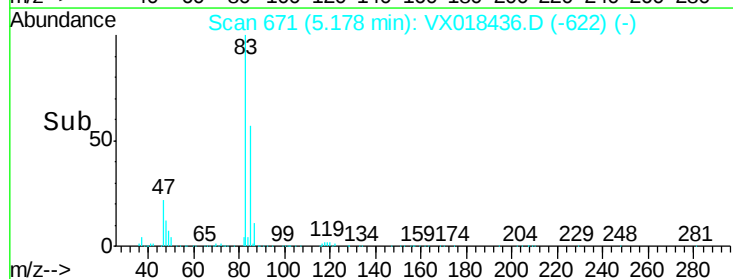
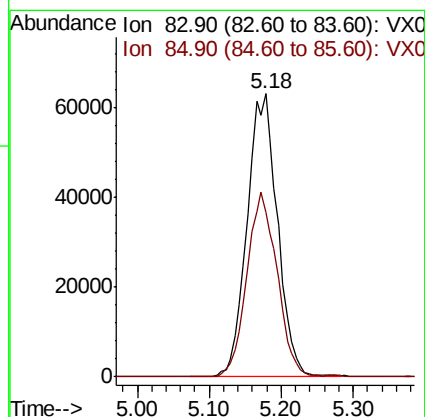
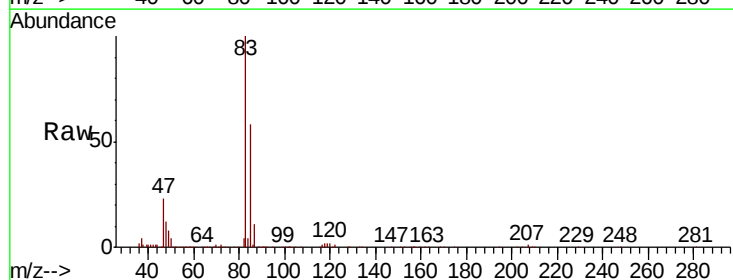
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBSD01

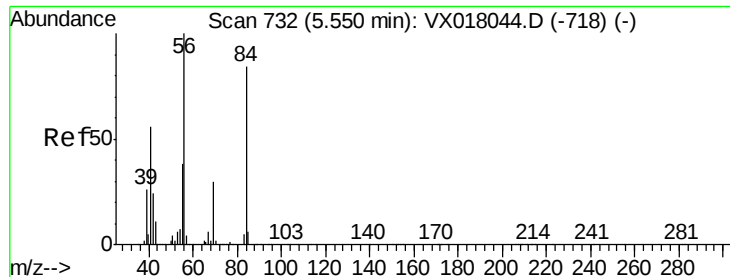
Tot Ion: 42 Resp: 213194
Ion Ratio Lower Upper
42 100
72 45.2 34.2 51.4
71 41.0 32.1 48.1



#30
Chloroform
Concen: 20.594 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Tgt Ion: 83 Resp: 184980
Ion Ratio Lower Upper
83 100
85 57.6 50.7 76.1

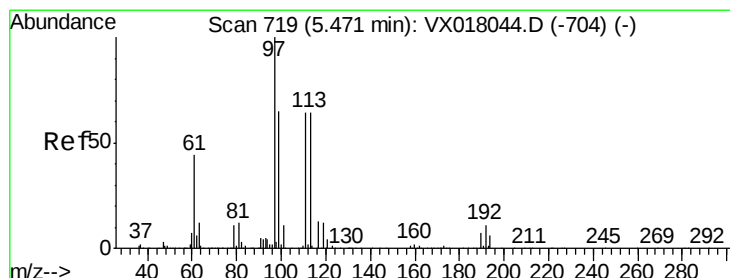
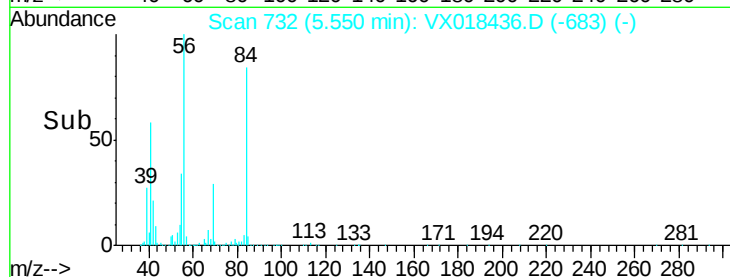
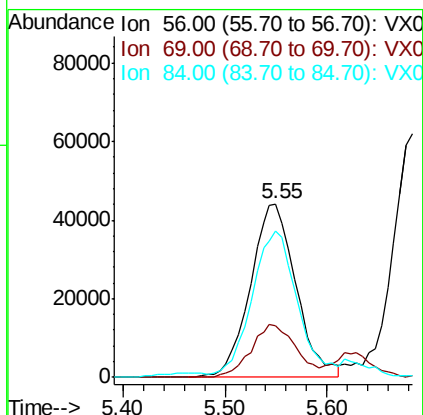
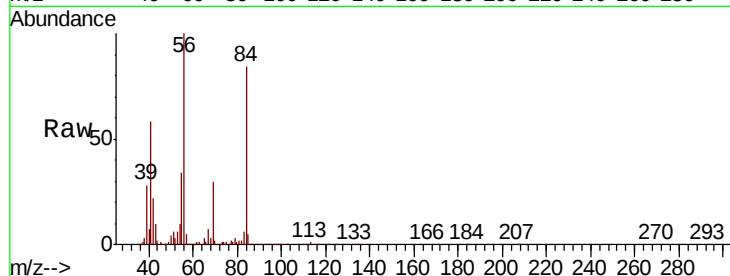




#31
Cyclohexane
Concen: 18.545 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

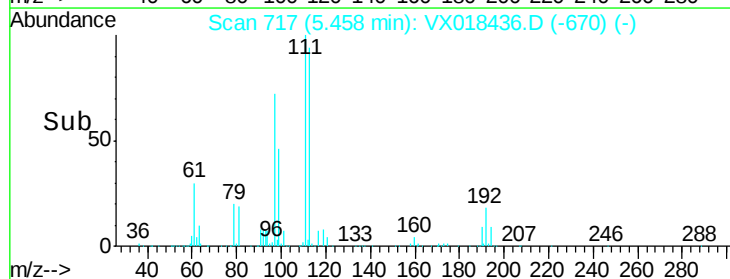
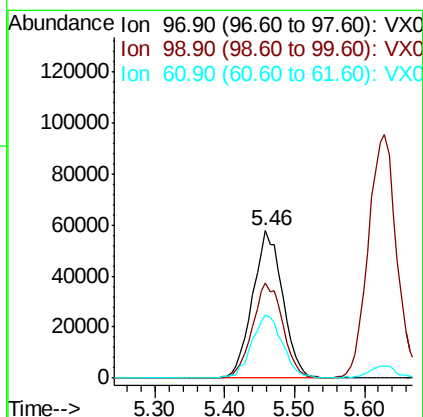
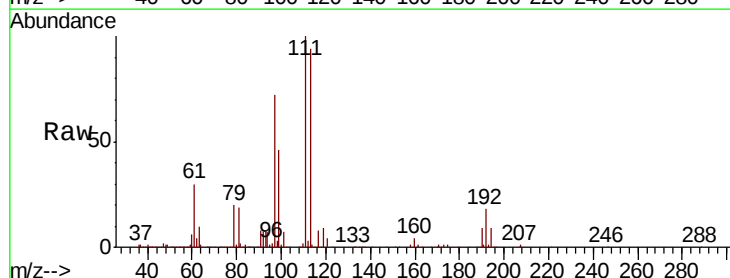
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBSD01

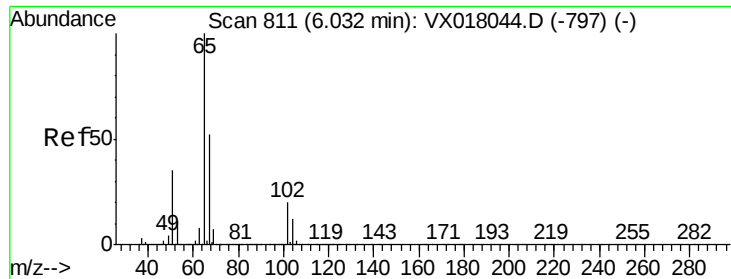
Tot Ion: 56 Resp: 135508
Ion Ratio Lower Upper
56 100
69 29.1 23.9 35.9
84 81.8 67.0 100.4



#32
1,1,1-Trichloroethane
Concen: 20.956 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Tgt Ion: 97 Resp: 172734
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.0
61 42.8 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 48.734 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

ClientSampleId :

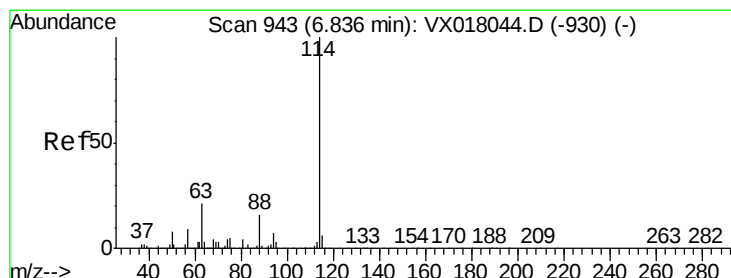
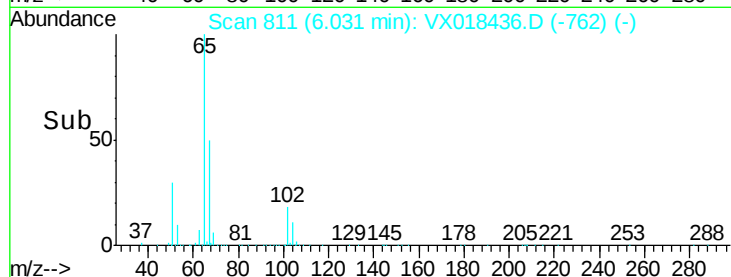
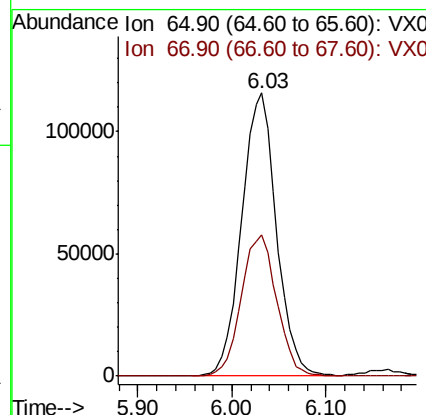
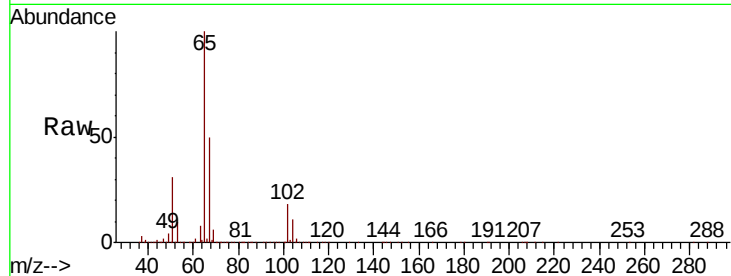
VX0916WBSD01

Tot Ion: 65 Resp: 297513

Ion Ratio Lower Upper

65 100

67 50.8 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

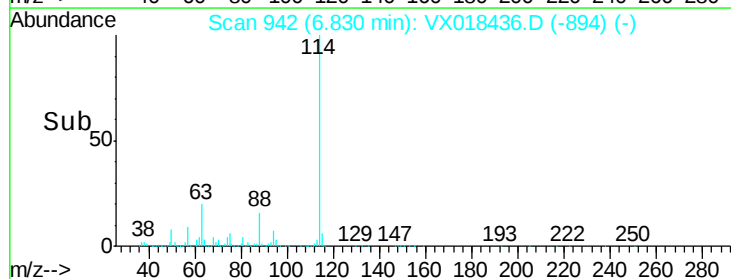
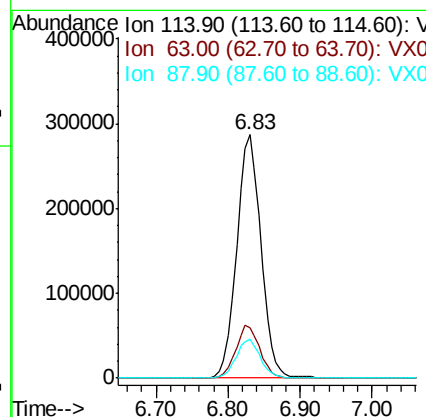
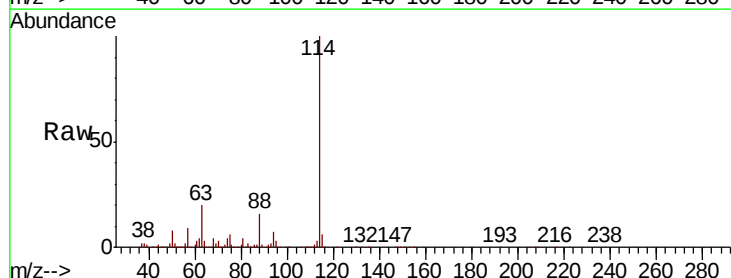
Tgt Ion: 114 Resp: 670581

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

88 15.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.190 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBSD01

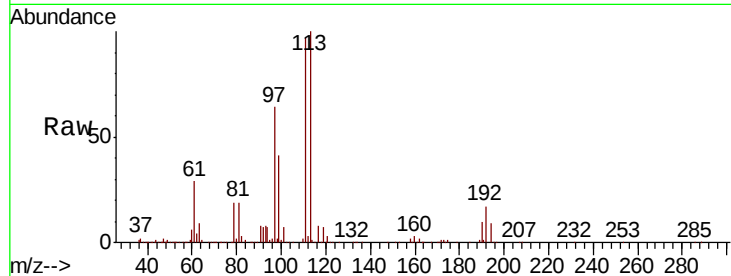
Tot Ion:113 Resp: 229218

Ion Ratio Lower Upper

113 100

111 101.5 81.6 122.4

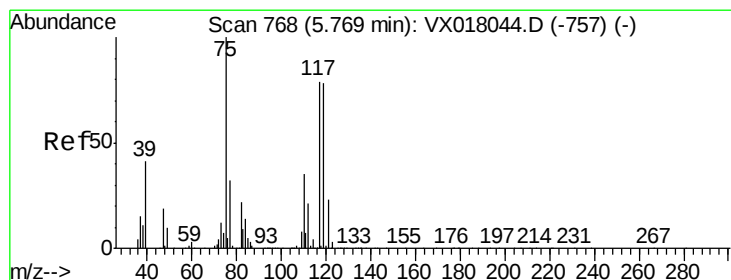
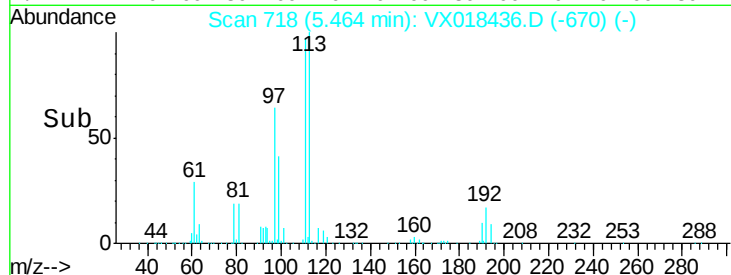
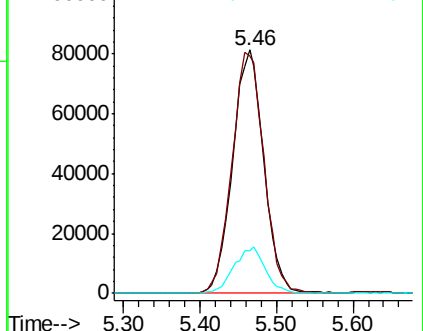
192 19.0 15.8 23.8



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: 20.944 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

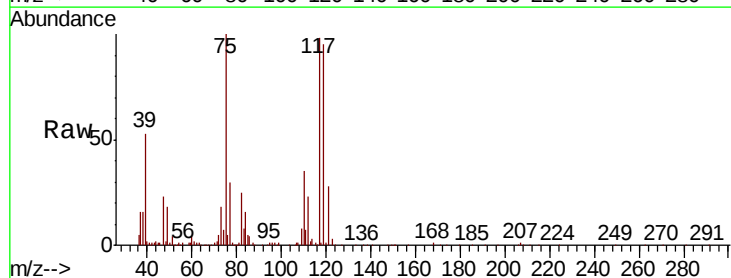
Tgt Ion: 75 Resp: 129538

Ion Ratio Lower Upper

75 100

110 37.0 18.0 54.0

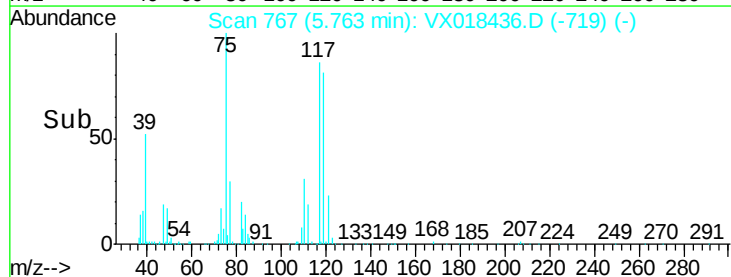
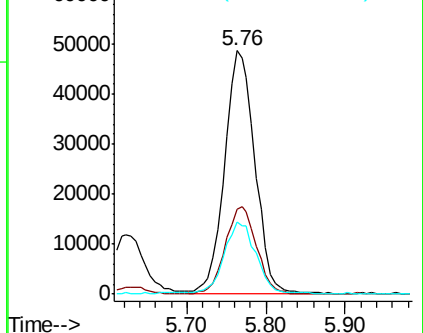
77 31.4 24.4 36.6

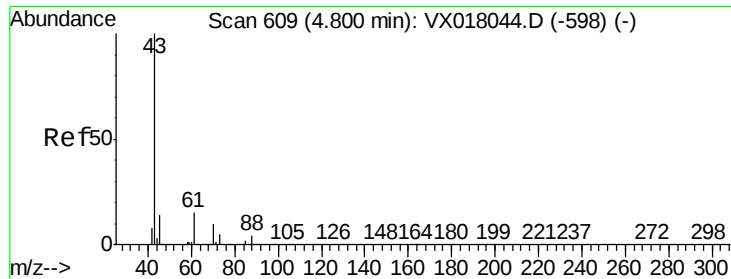


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

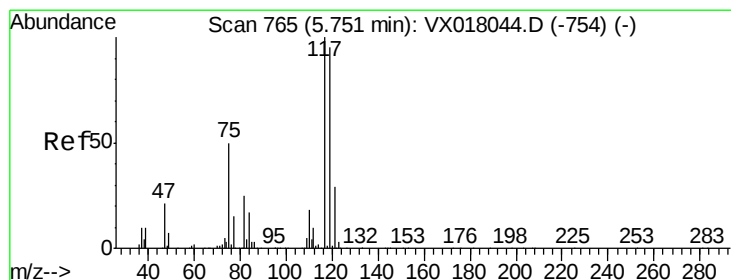
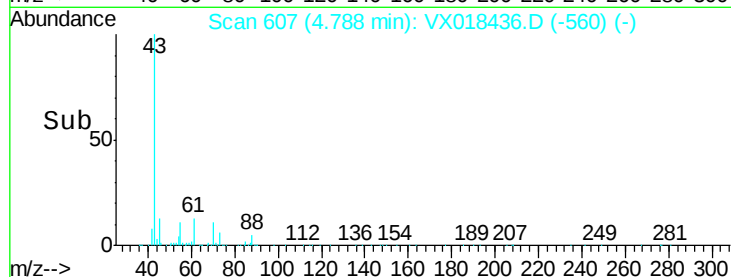
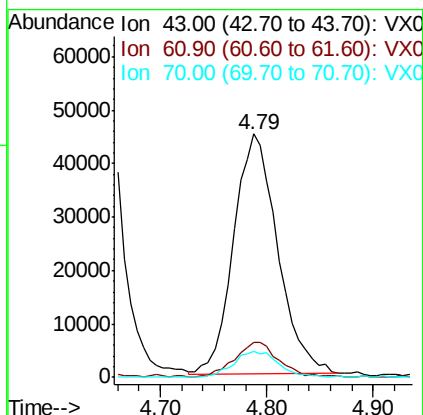
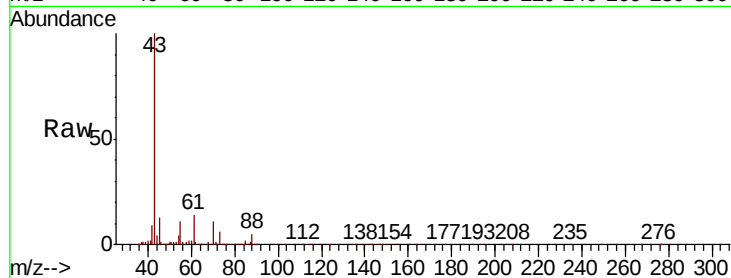




#37
Ethyl Acetate
Concen: 18.132 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

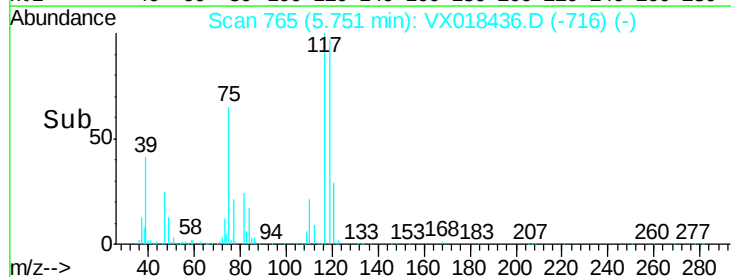
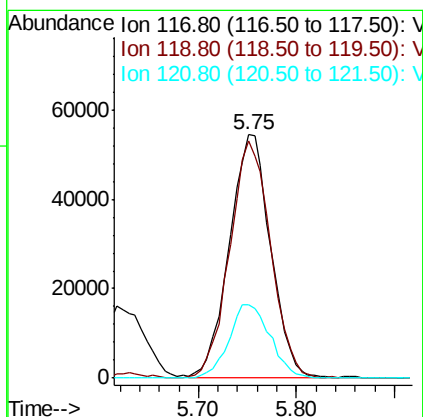
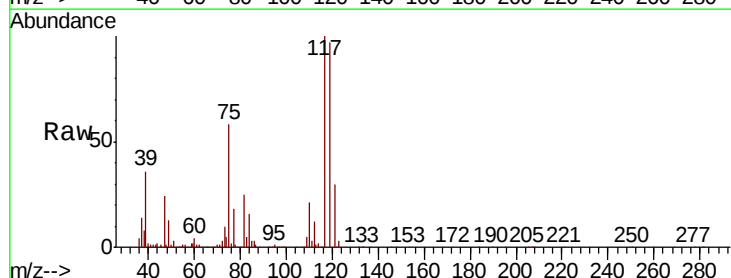
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBSD01

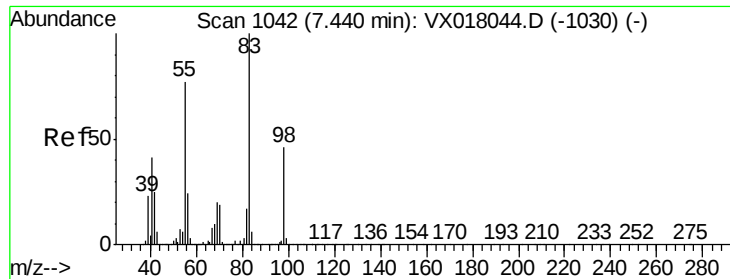
Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.3	16.9
70	11.1	8.2	12.4



#38
Carbon Tetrachloride
Concen: 22.786 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	75.8	113.6
121	30.4	23.4	35.0

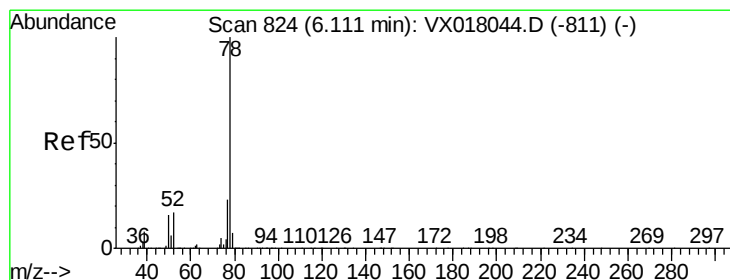
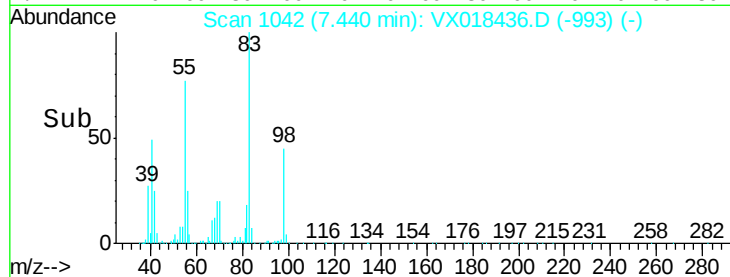
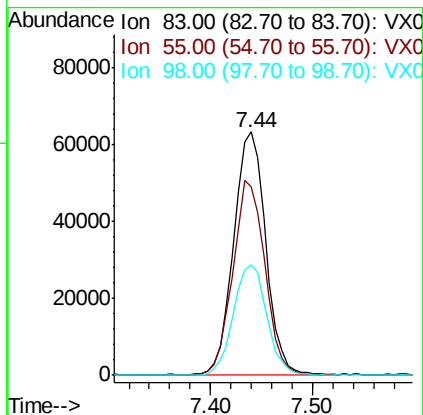
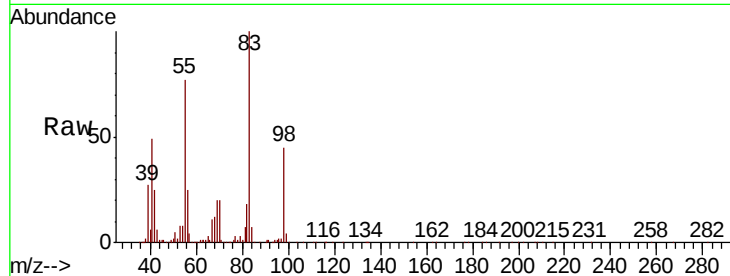




#39
Methvlcvclohexane
Concen: 20.494 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

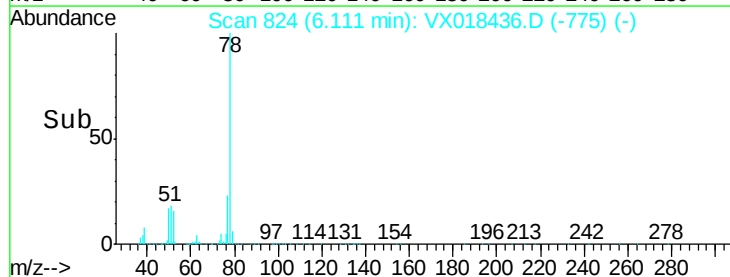
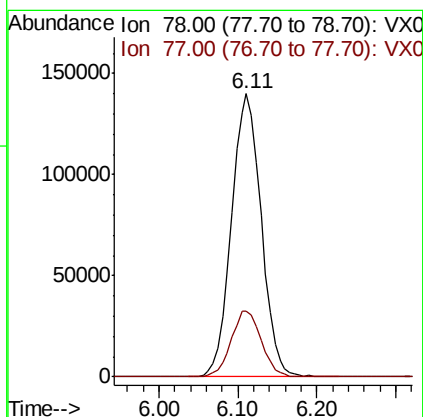
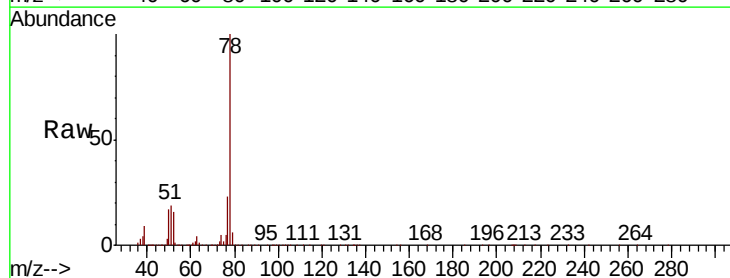
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBSD01

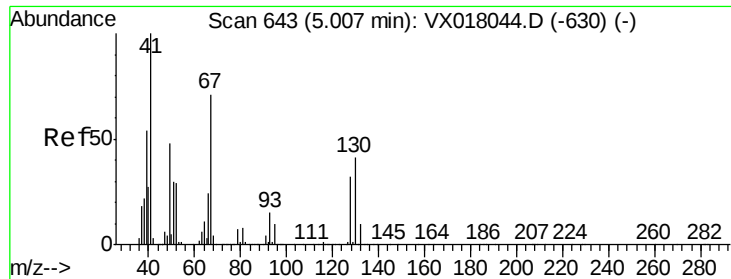
Tot Ion: 83 Resp: 138606
Ion Ratio Lower Upper
83 100
55 76.9 61.8 92.6
98 45.3 36.6 55.0



#40
Benzene
Concen: 20.206 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Tgt Ion: 78 Resp: 367219
Ion Ratio Lower Upper
78 100
77 23.0 18.2 27.2





#41

Methacrylonitrile

Concen: 19.642 ug/l

RT: 5.00 min Scan# 641

Delta R.T. -0.01 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBSD01

Tot Ion: 41 Resp: 77474

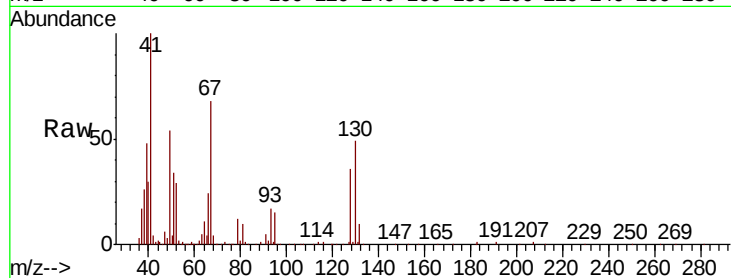
Ion Ratio Lower Upper

41 100

39 52.0 43.1 64.7

67 68.8 56.0 84.0

52 30.6 22.7 34.1

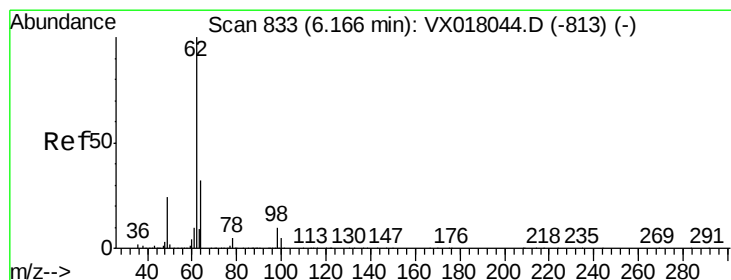
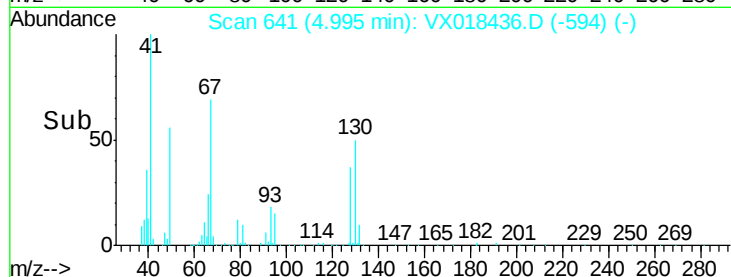
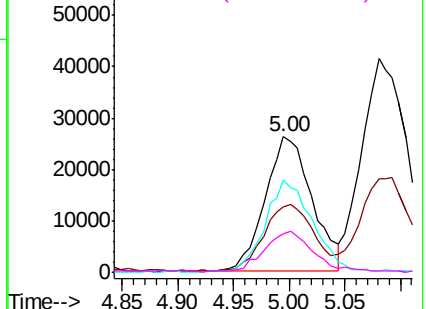


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 22.356 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX018436.D

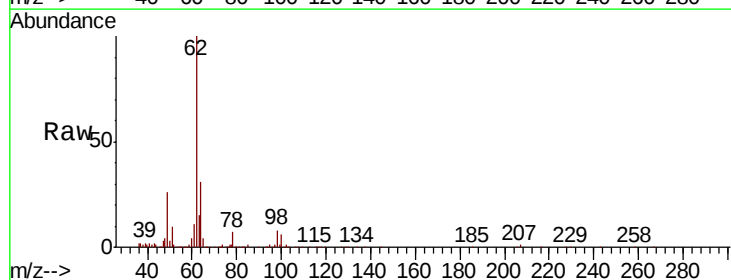
Acq: 16 Sep 2020 13:43

Tgt Ion: 62 Resp: 155666

Ion Ratio Lower Upper

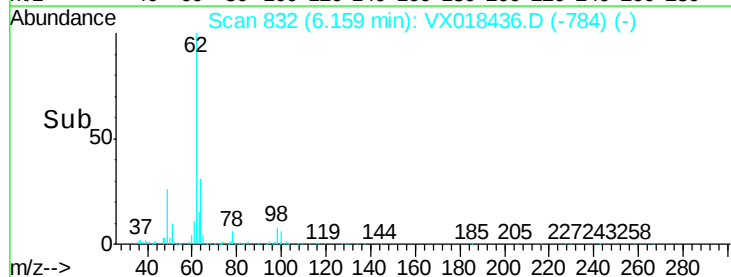
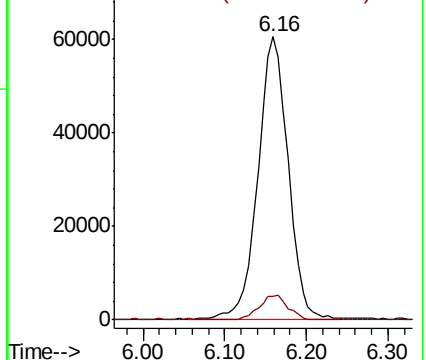
62 100

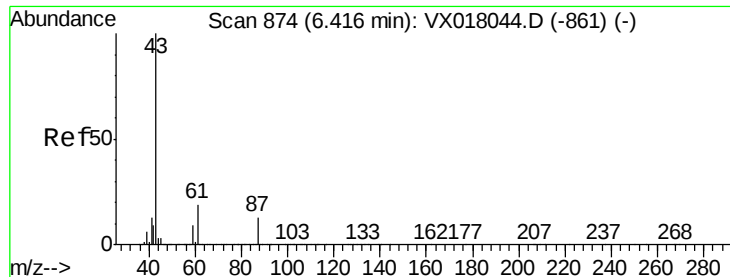
98 8.5 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



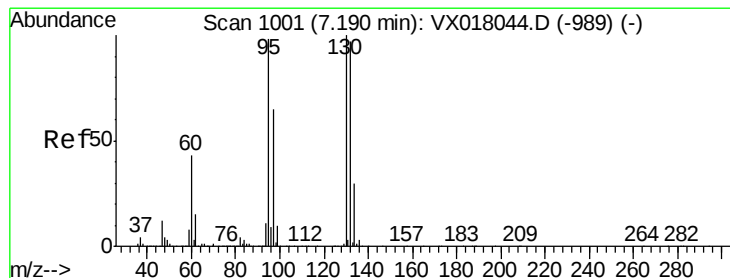
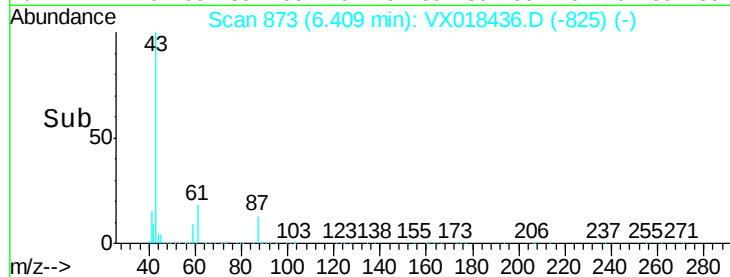
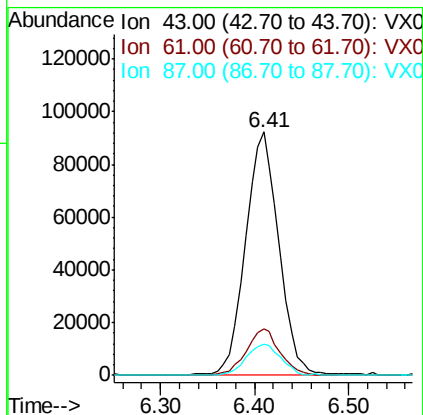
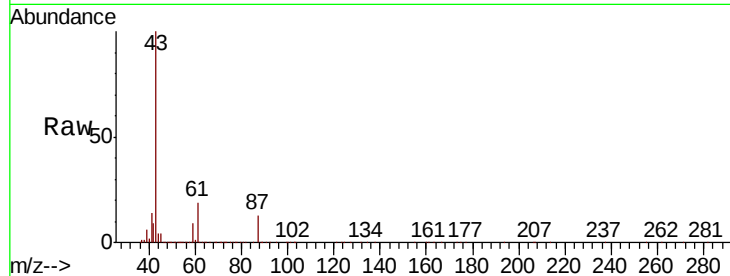


#43

Isopropyl Acetate
 Concen: 19.450 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018436.D
 Acq: 16 Sep 2020 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBSD01

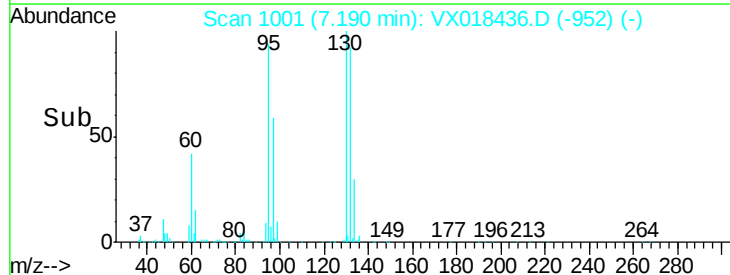
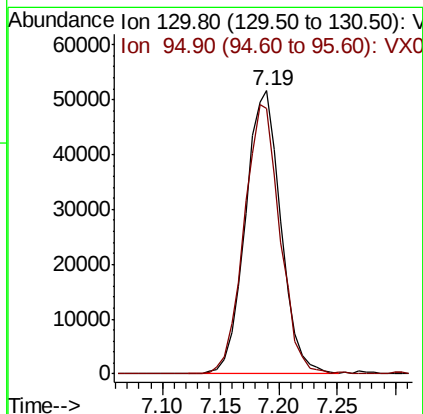
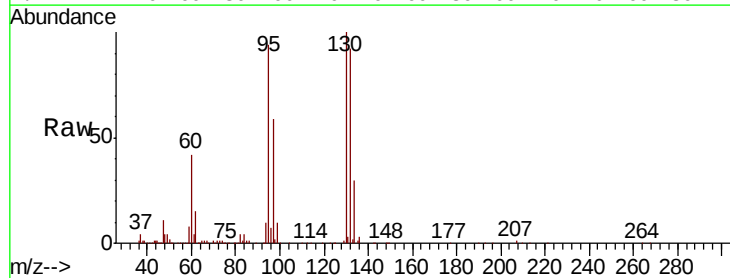
Tot Ion	43	Resp	225677
Ion Ratio	Lower	Upper	
43	100		
61	19.4	15.7	23.5
87	13.6	10.3	15.5



#44

Trichloroethene
 Concen: 21.311 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018436.D
 Acq: 16 Sep 2020 13:43

Tgt Ion	130	Resp	109439
Ion Ratio	Lower	Upper	
130	100		
95	93.7	0.0	196.4





#45

1,2-Dichloropropane

Concen: 20.257 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

ClientSampleId :

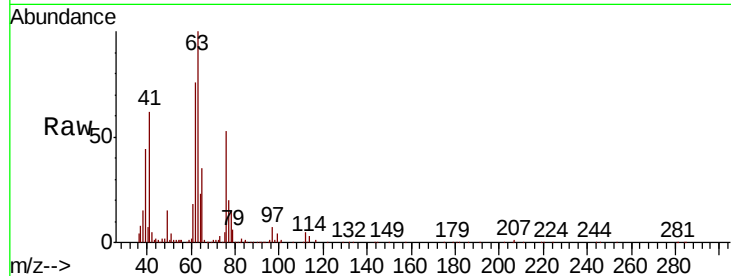
VX0916WBSD01

Tot Ion: 63 Resp: 99223

Ion Ratio Lower Upper

63 100

65 34.6 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

50000

40000

30000

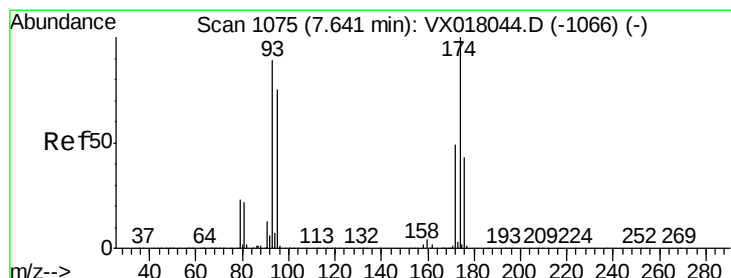
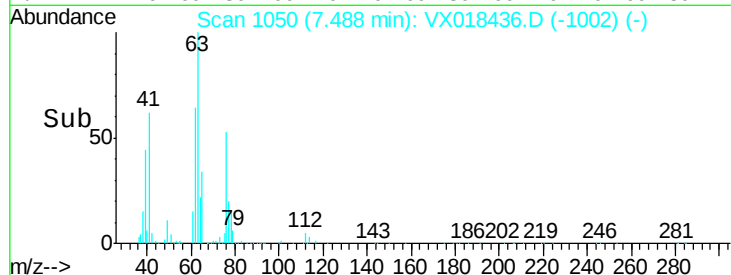
20000

10000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 20.556 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

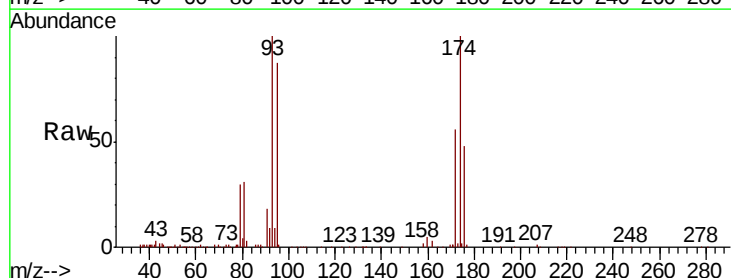
Tgt Ion: 93 Resp: 70807

Ion Ratio Lower Upper

93 100

95 82.1 67.3 100.9

174 101.5 82.2 123.2



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

7.63

40000

30000

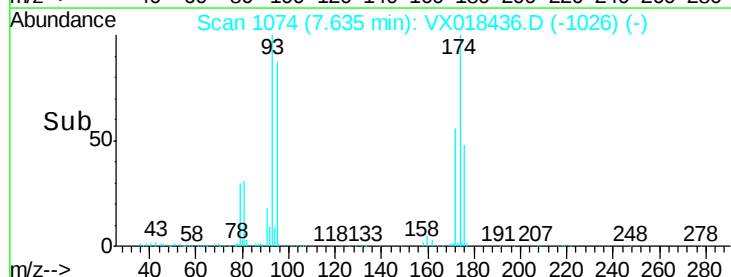
20000

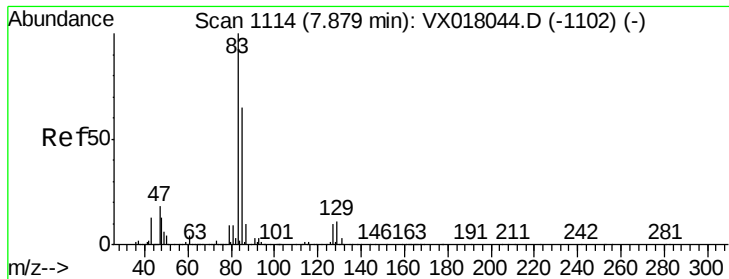
10000

0

Time-->

7.55 7.60 7.65 7.70





#47

Bromodichloromethane

Concen: 22.154 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBSD01

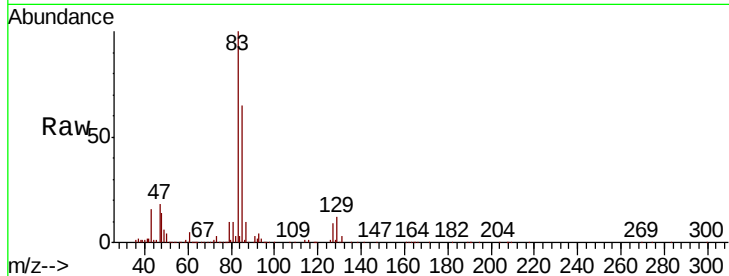
Tot Ion: 83 Resp: 152366

Ion Ratio Lower Upper

83 100

85 64.9 51.8 77.6

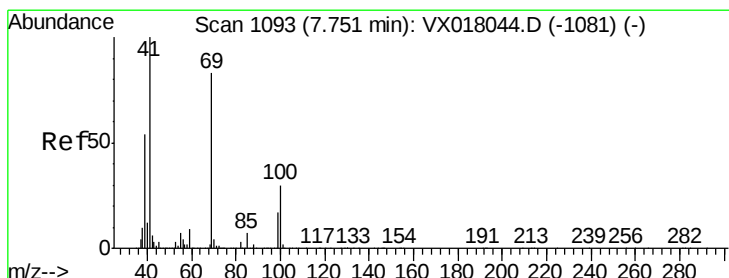
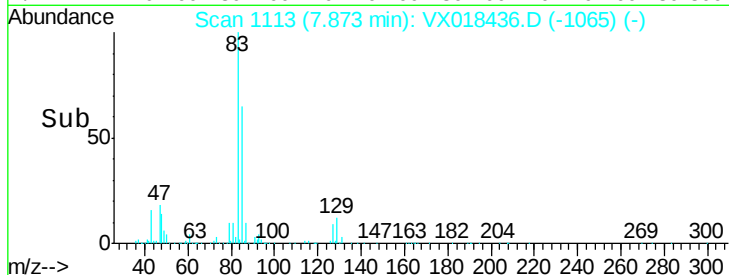
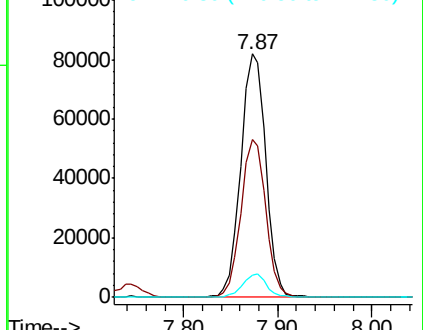
127 8.8 7.7 11.5



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: 19.130 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

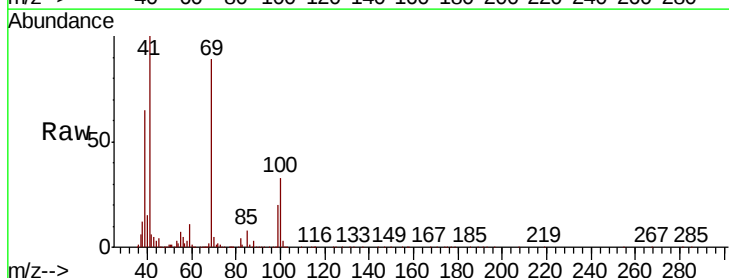
Tgt Ion: 41 Resp: 110496

Ion Ratio Lower Upper

41 100

69 81.9 65.5 98.3

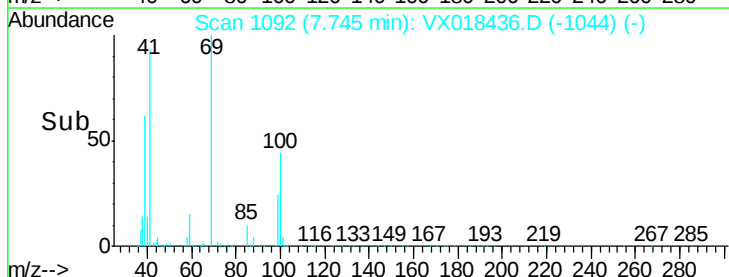
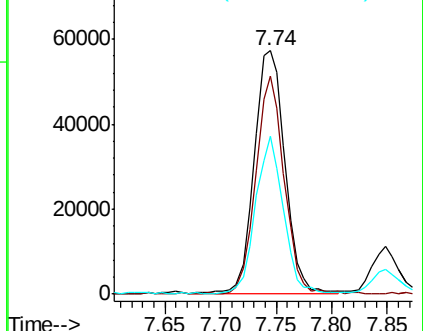
39 58.6 44.5 66.7

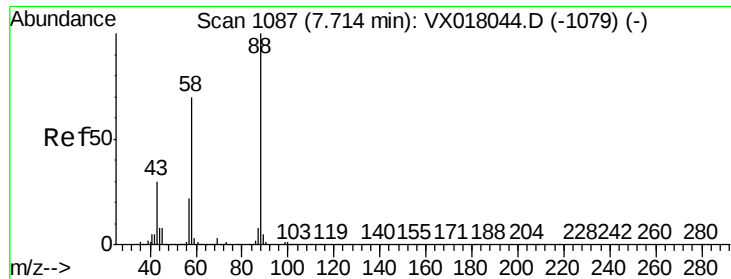


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 274.986 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBSD01

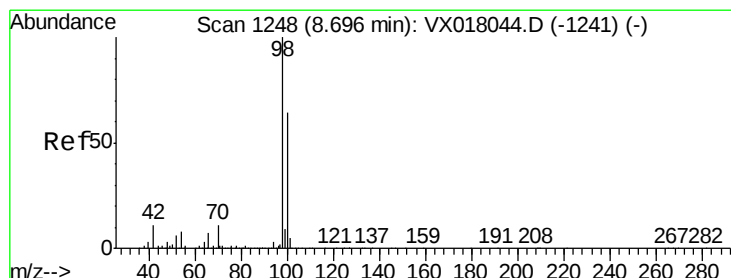
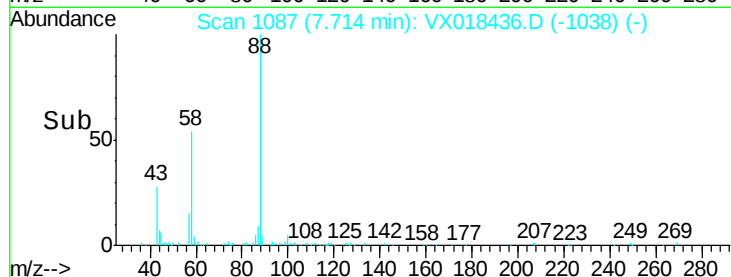
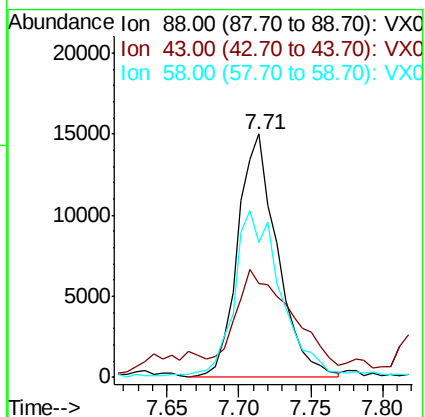
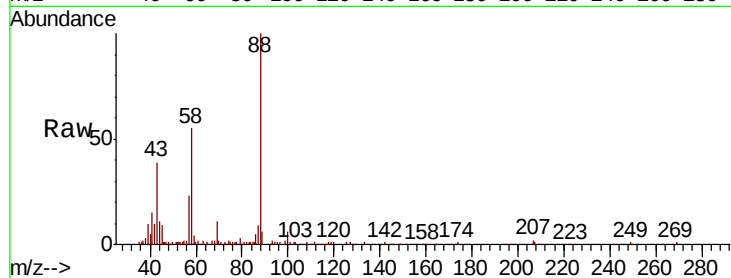
Tot Ion: 88 Resp: 28771

Ion Ratio Lower Upper

88 100

43 52.0 27.4 41.0#

58 79.2 56.4 84.6



#50

Toluene-d8

Concen: 46.632 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018436.D

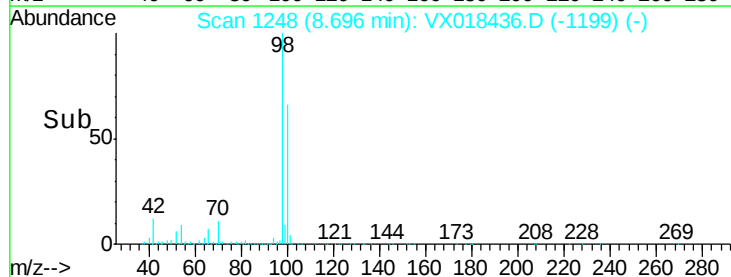
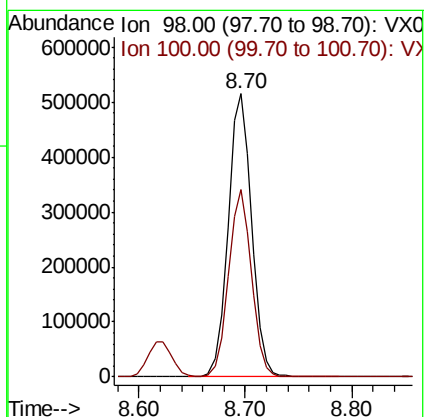
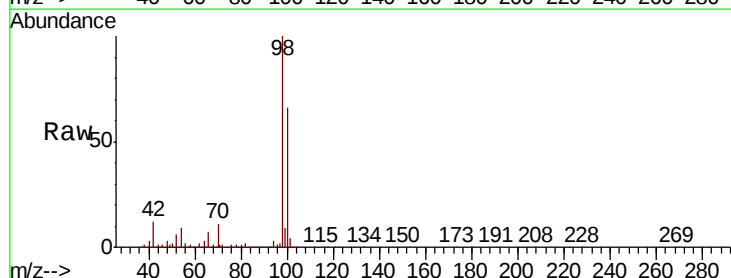
Acq: 16 Sep 2020 13:43

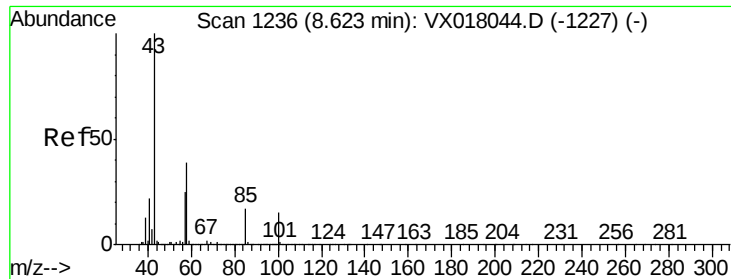
Tgt Ion: 98 Resp: 793213

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 98.986 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

ClientSampleId :

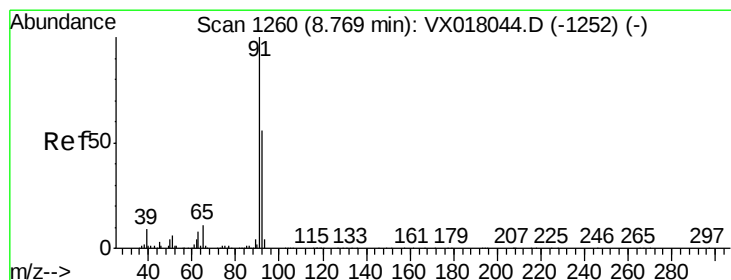
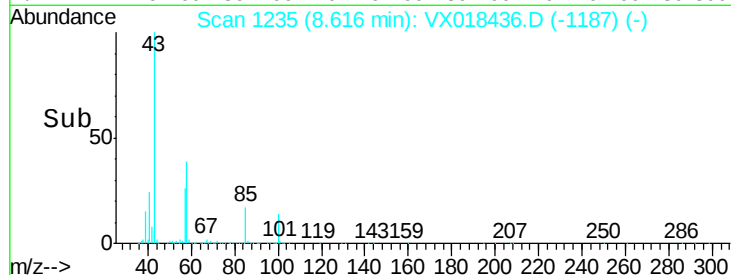
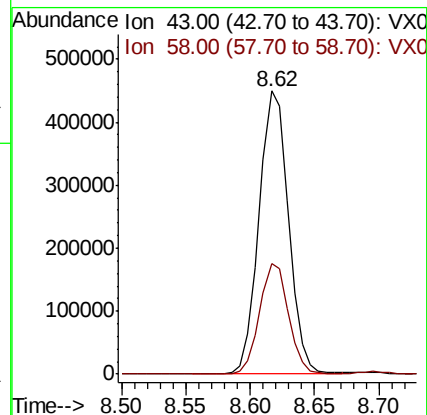
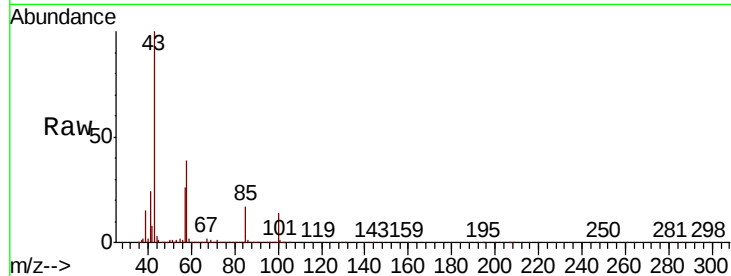
VX0916WBSD01

Tot Ion: 43 Resp: 709454

Ion Ratio Lower Upper

43 100

58 38.3 30.7 46.1



#52

Toluene

Concen: 20.469 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018436.D

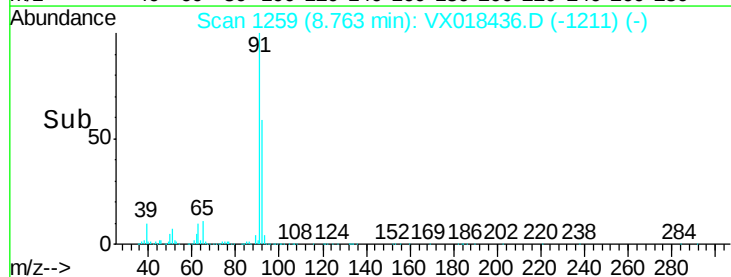
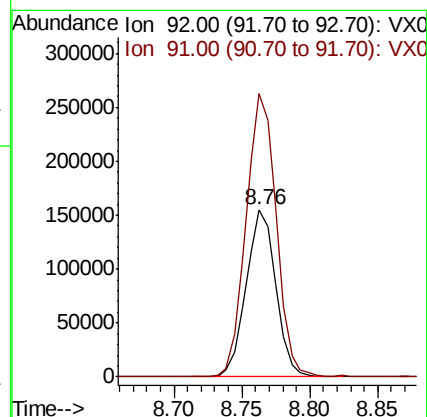
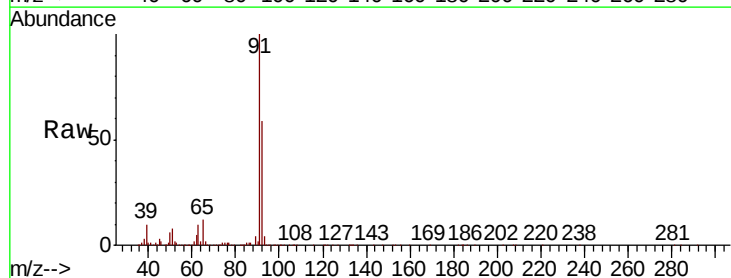
Acq: 16 Sep 2020 13:43

Tgt Ion: 92 Resp: 235886

Ion Ratio Lower Upper

92 100

91 172.9 140.3 210.5

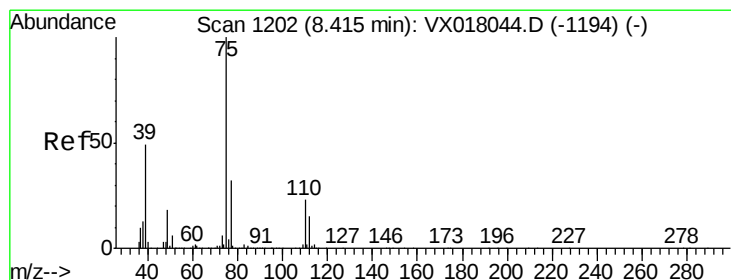
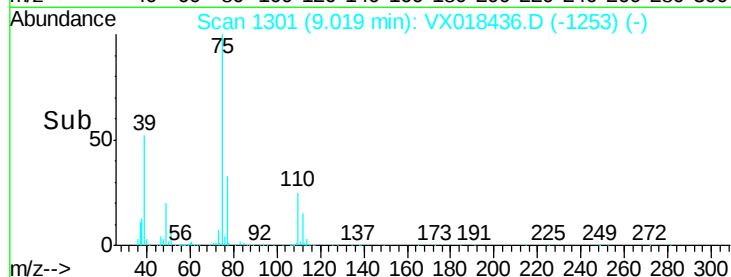
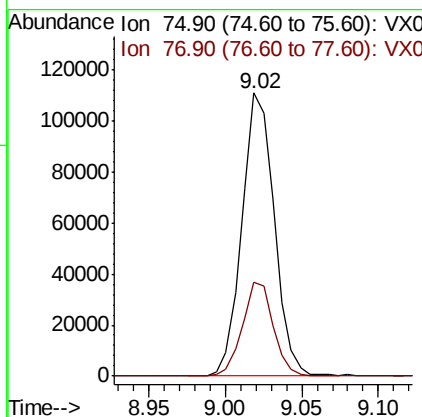
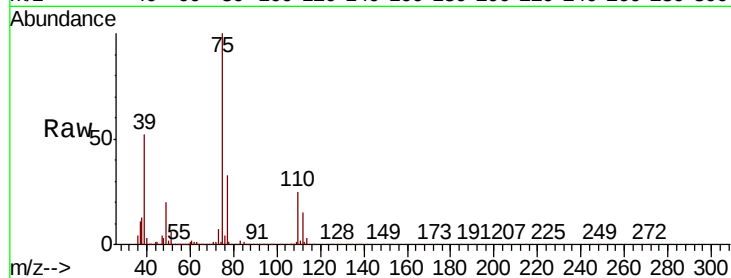




#53
t-1,3-Dichloropropene
Concen: 21.387 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

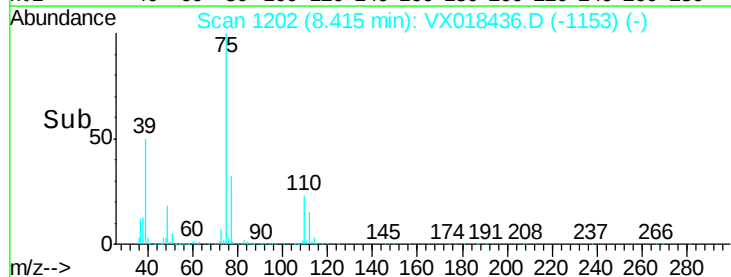
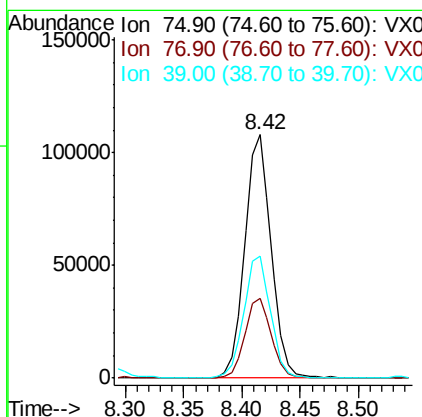
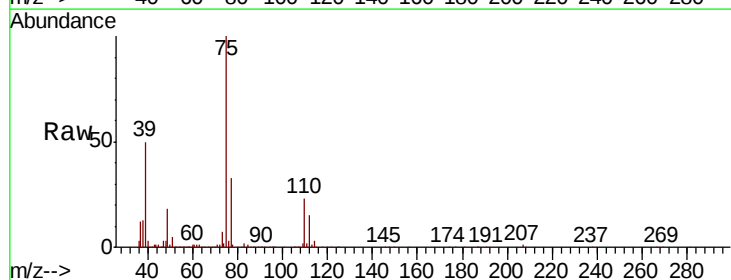
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBSD01

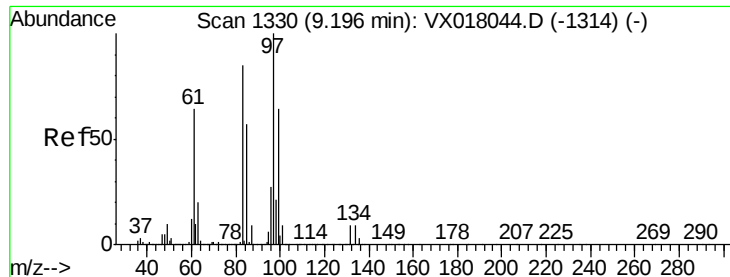
Tot Ion: 75 Resp: 163026
Ion Ratio Lower Upper
75 100
77 33.0 26.6 39.8



#54
cis-1,3-Dichloropropene
Concen: 21.139 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Tgt Ion: 75 Resp: 170696
Ion Ratio Lower Upper
75 100
77 32.7 25.8 38.8
39 50.0 38.8 58.2

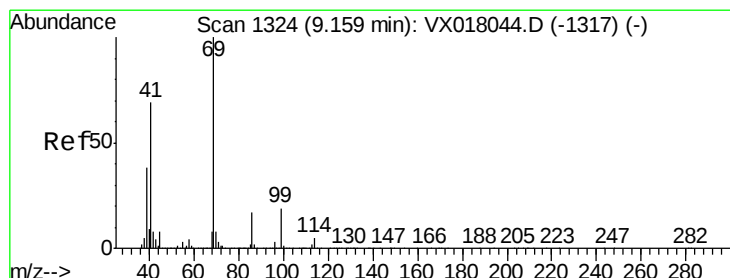
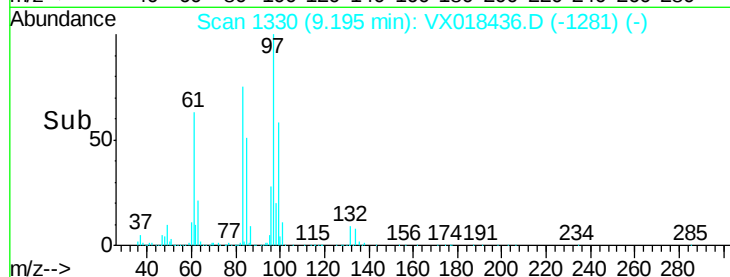
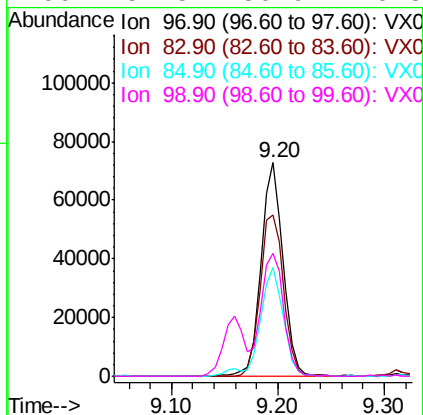
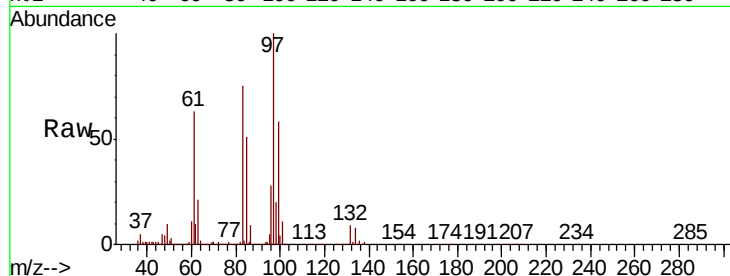




#55
 1,1,2-Trichloroethane
 Concen: 21.400 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018436.D
 Acq: 16 Sep 2020 13:43

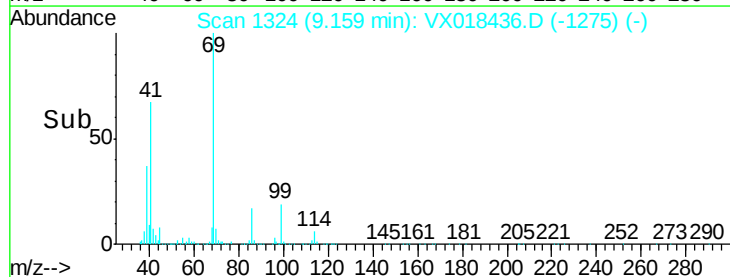
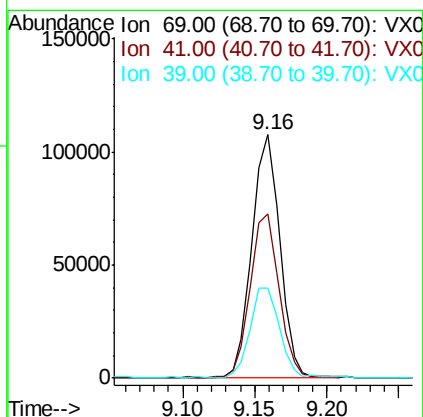
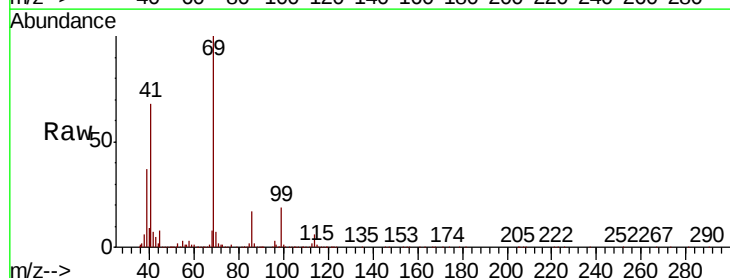
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBSD01

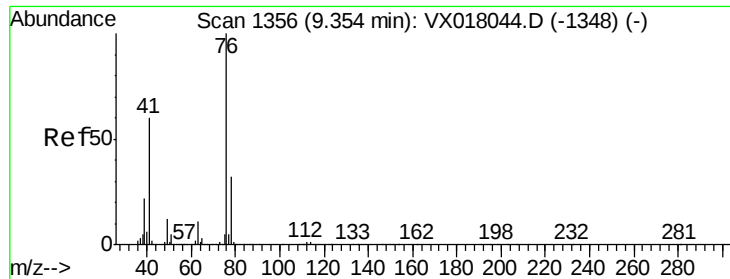
Tot Ion:	97	Resp:	105181
Ion	Ratio	Lower	Upper
97	100		
83	75.1	67.8	101.6
85	51.1	45.3	67.9
99	57.5	50.9	76.3



#56
 Ethyl methacrylate
 Concen: 19.861 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018436.D
 Acq: 16 Sep 2020 13:43

Tgt Ion:	69	Resp:	145116
Ion	Ratio	Lower	Upper
69	100		
41	69.3	54.6	81.8
39	38.5	29.1	43.7





#57

1,3-Dichloropropane

Concen: 20.293 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

ClientSampleId :

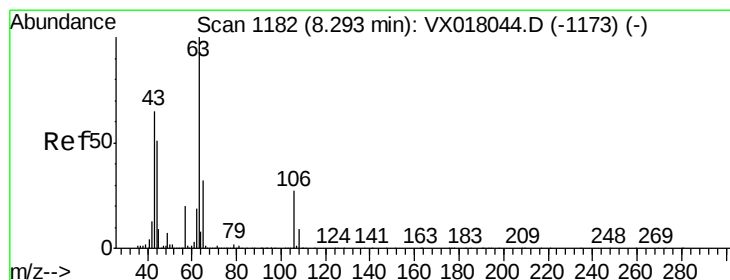
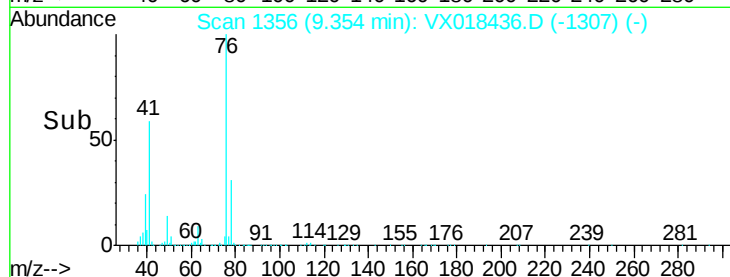
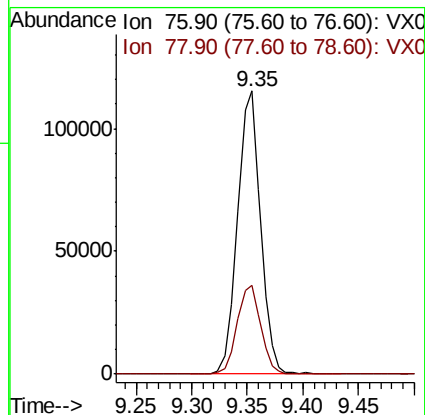
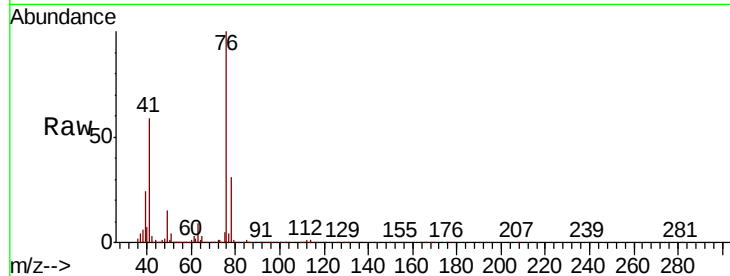
VX0916WBSD01

Tot Ion: 76 Resp: 164510

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 101.788 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018436.D

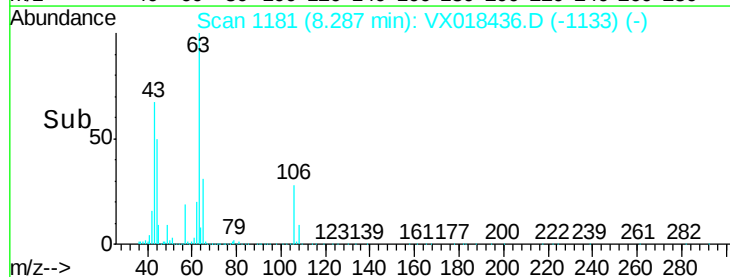
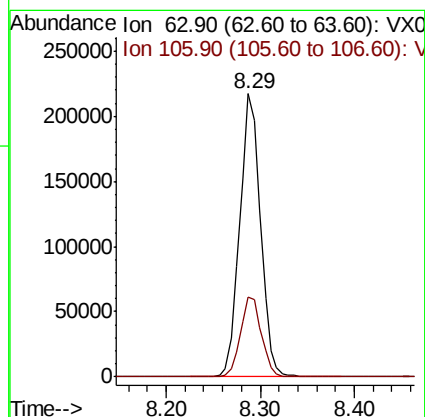
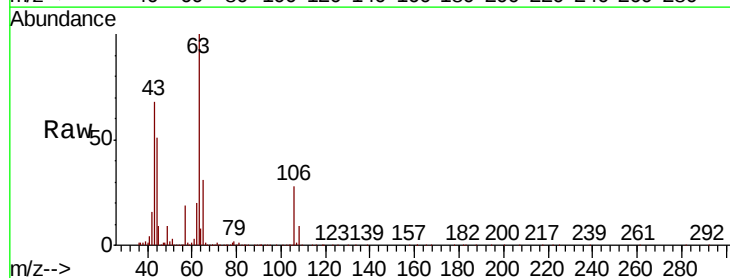
Acq: 16 Sep 2020 13:43

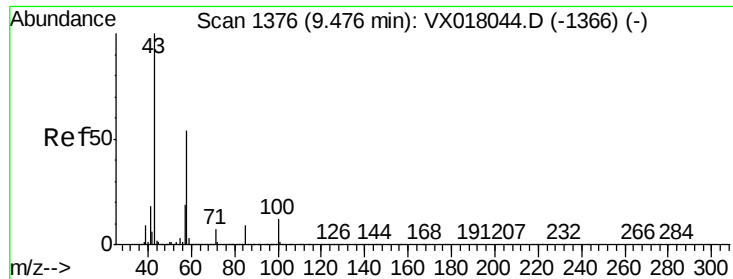
Tgt Ion: 63 Resp: 334563

Ion Ratio Lower Upper

63 100

106 28.5 22.1 33.1

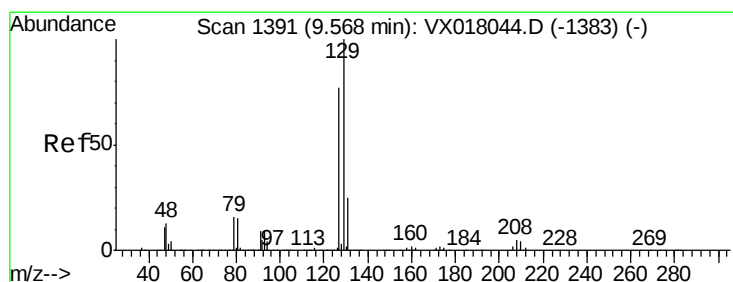
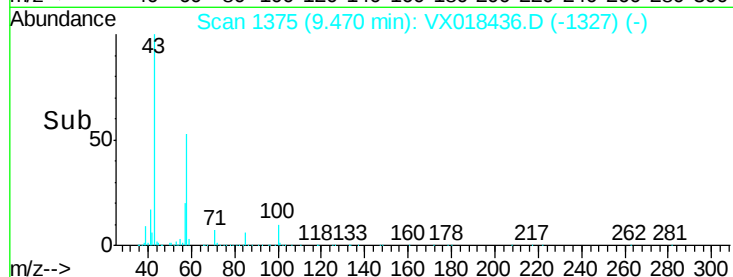
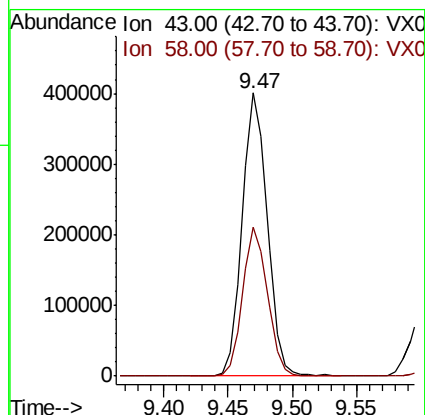
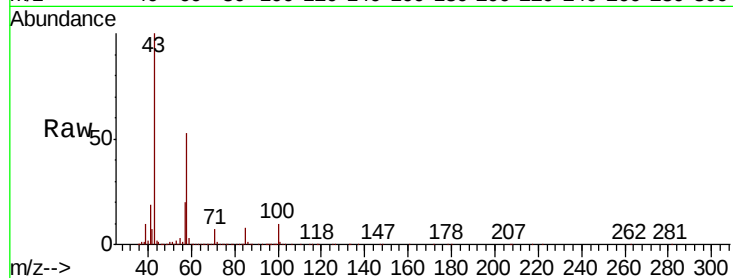




#59
2-Hexanone
Concen: 98.619 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

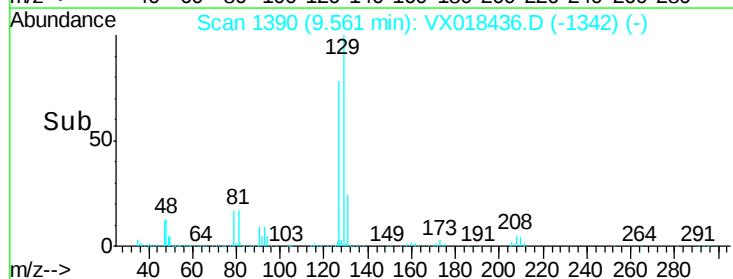
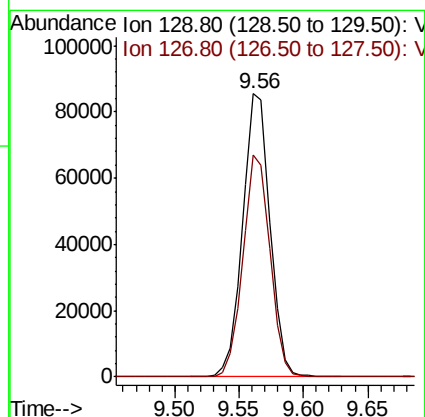
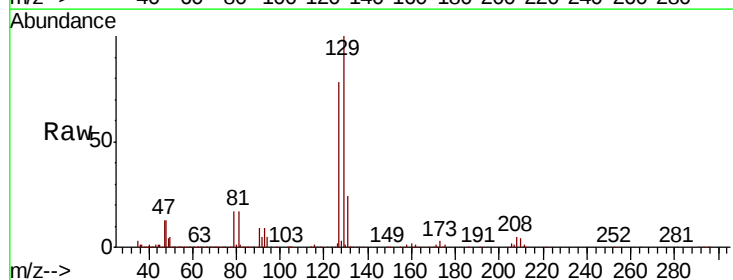
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBSD01

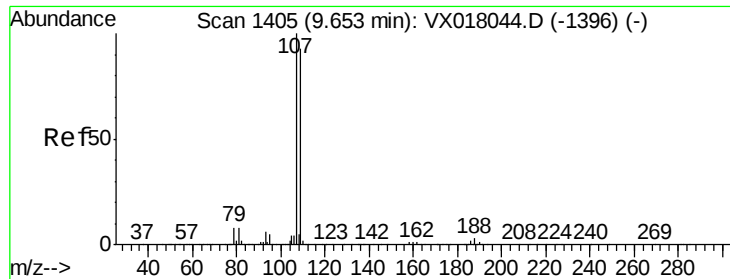
Tot Ion: 43 Resp: 537456
Ion Ratio Lower Upper
43 100
58 52.3 26.6 79.7



#60
Dibromochloromethane
Concen: 21.730 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Tgt Ion: 129 Resp: 125288
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.6





#61

1,2-Dibromoethane

Concen: 20.838 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

ClientSampleId :

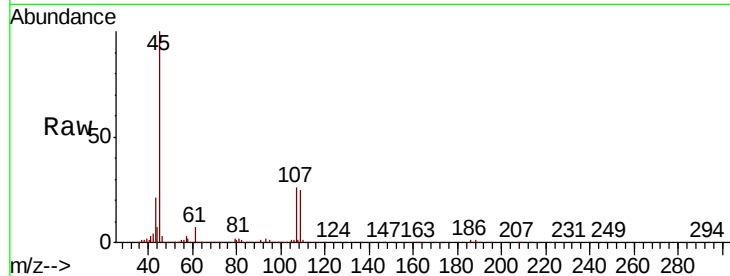
VX0916WBSD01

Tot Ion:107 Resp: 111192

Ion Ratio Lower Upper

107 100

109 94.5 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

80000

60000

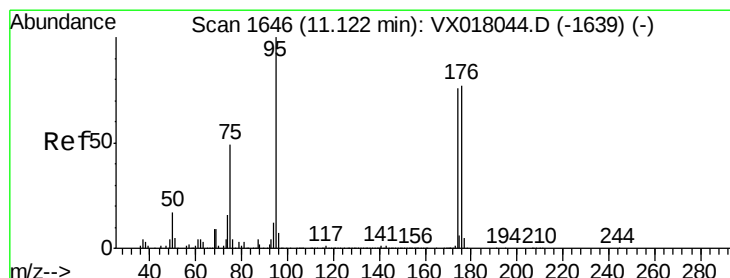
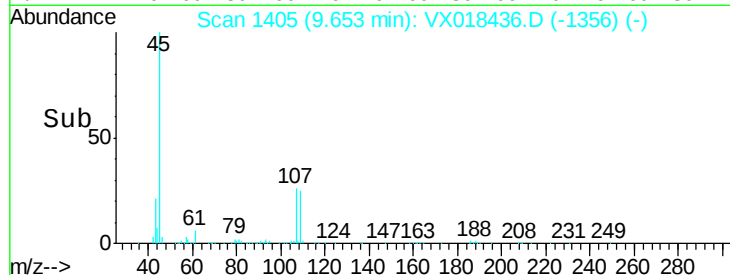
40000

20000

0

9.55 9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 47.388 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

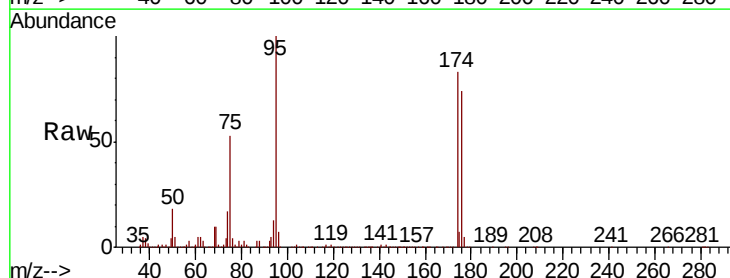
Tgt Ion: 95 Resp: 317142

Ion Ratio Lower Upper

95 100

174 80.6 0.0 160.2

176 73.7 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

300000

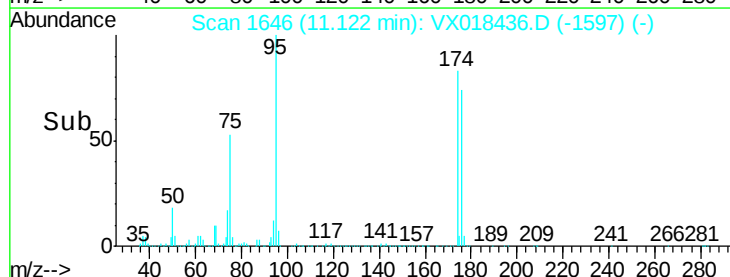
200000

100000

0

11.05 11.10 11.15 11.20

Time-->

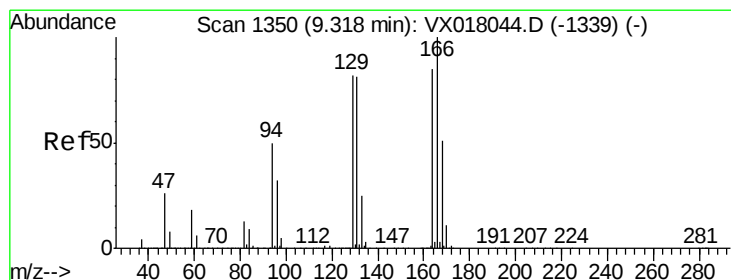
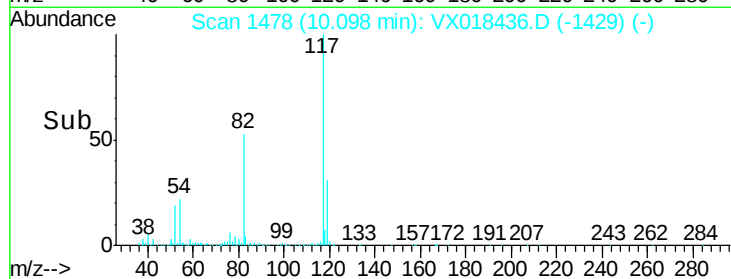
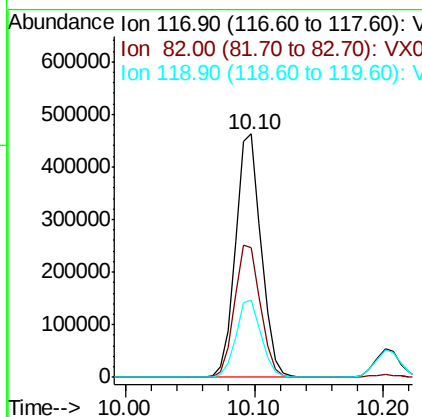
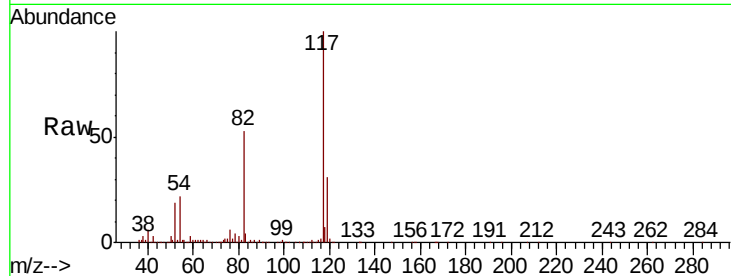




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

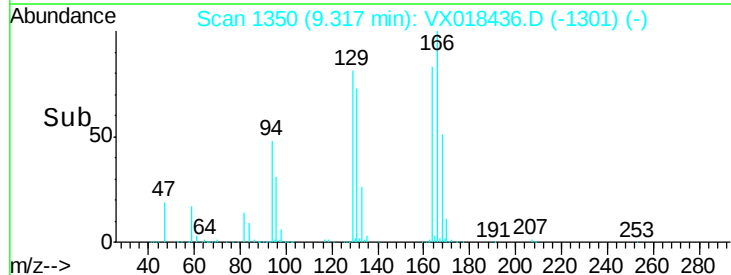
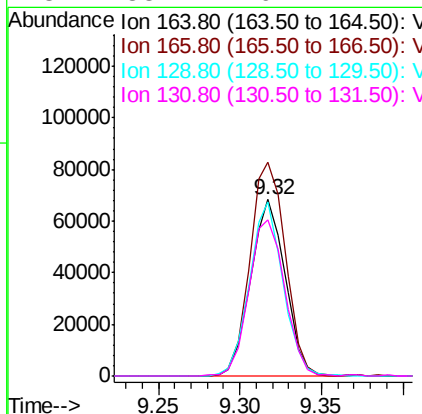
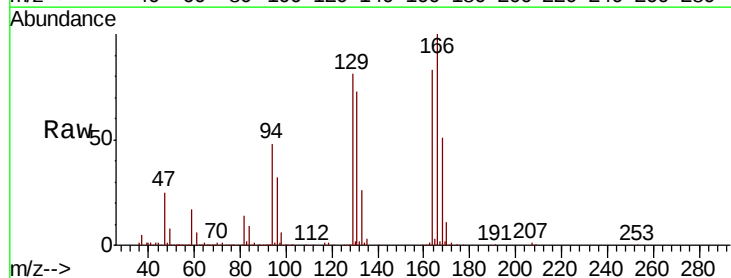
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBSD01

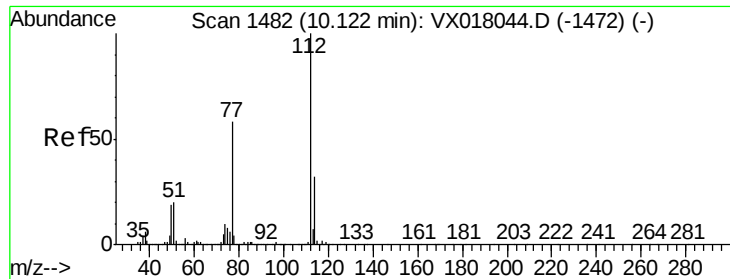
Tot Ion:117 Resp: 638149
Ion Ratio Lower Upper
117 100
82 53.0 44.2 66.2
119 31.5 25.7 38.5



#64
Tetrachloroethene
Concen: 21.457 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Tgt Ion:164 Resp: 100622
Ion Ratio Lower Upper
164 100
166 121.0 94.2 141.2
129 98.5 76.9 115.3
131 88.4 76.1 114.1

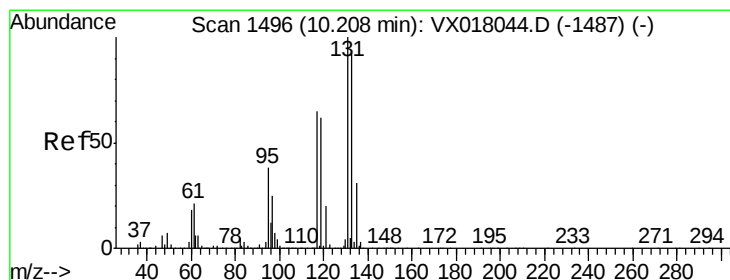
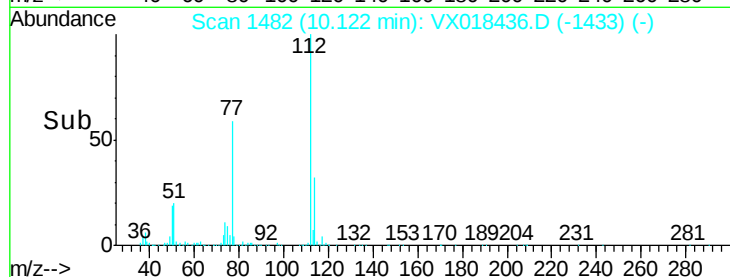
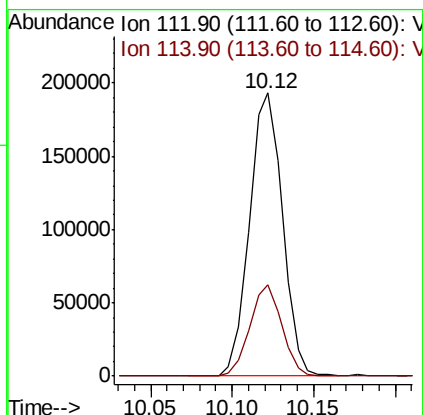
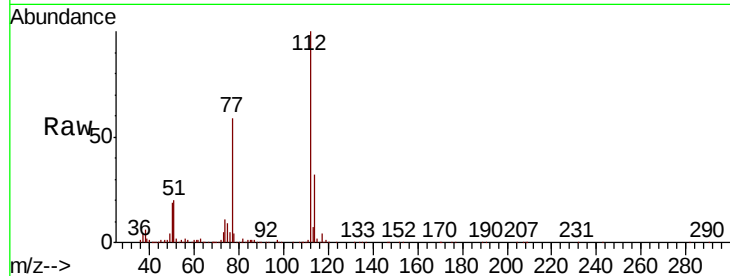




#65
Chlorobenzene
Concen: 21.429 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

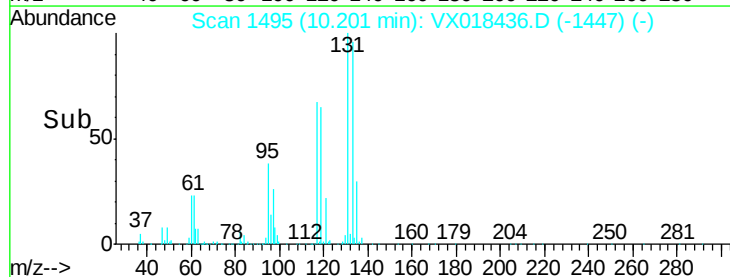
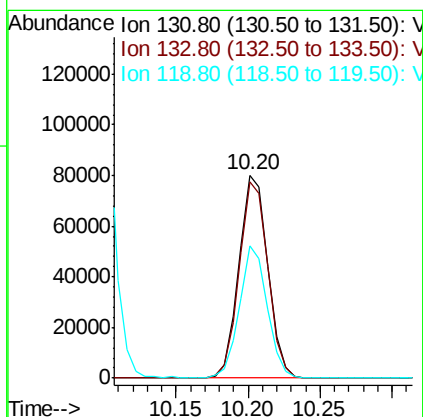
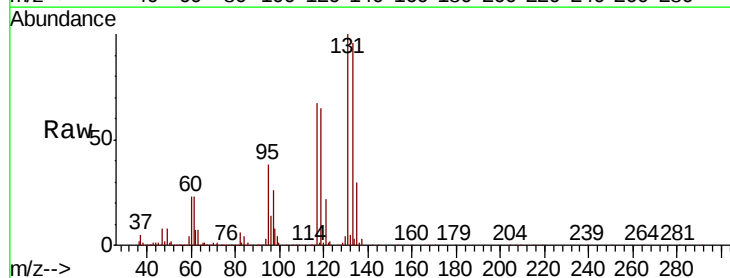
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBSD01

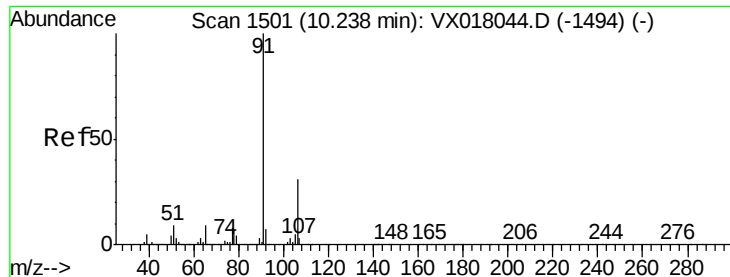
Tot Ion:112 Resp: 273123
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 22.211 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Tgt Ion:131 Resp: 111571
Ion Ratio Lower Upper
131 100
133 96.1 46.7 140.1
119 62.3 31.8 95.4





#67

Ethyl Benzene

Concen: 21.515 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

ClientSampleId :

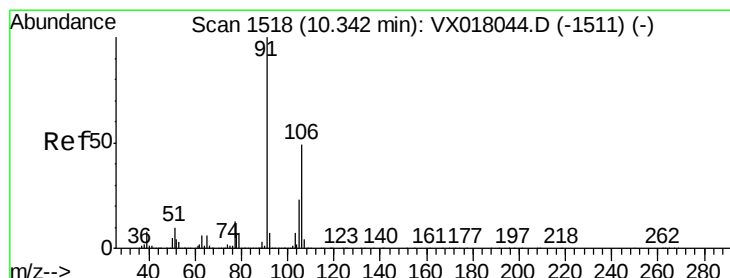
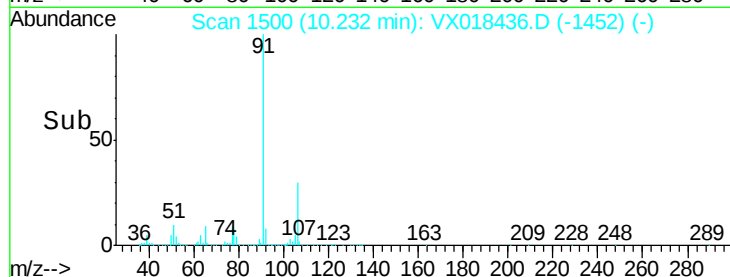
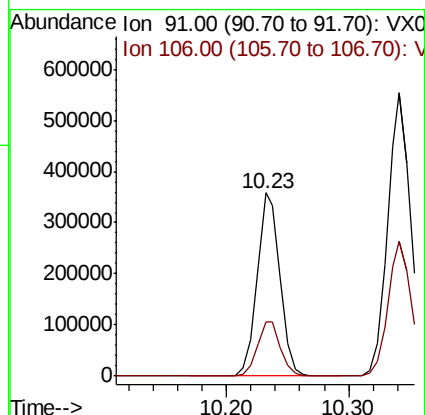
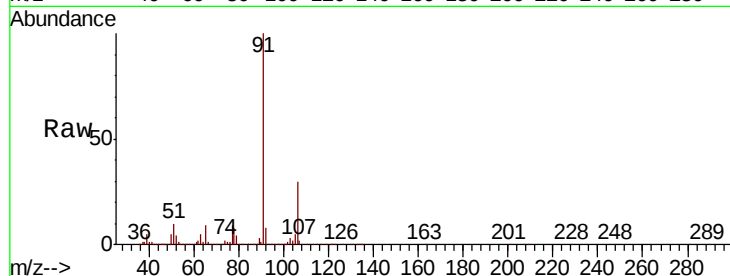
VX0916WBSD01

Tot Ion: 91 Resp: 466317

Ion Ratio Lower Upper

91 100

106 29.7 24.9 37.3



#68

m/p-Xylenes

Concen: 43.285 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018436.D

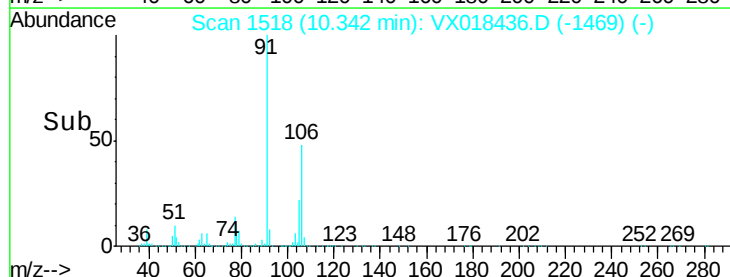
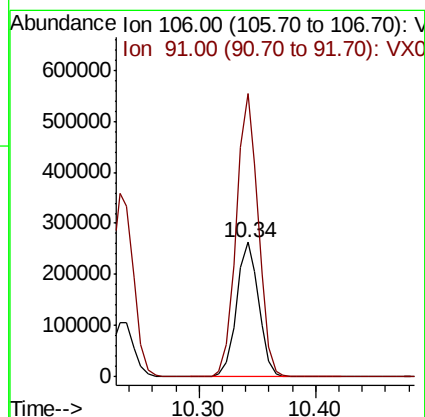
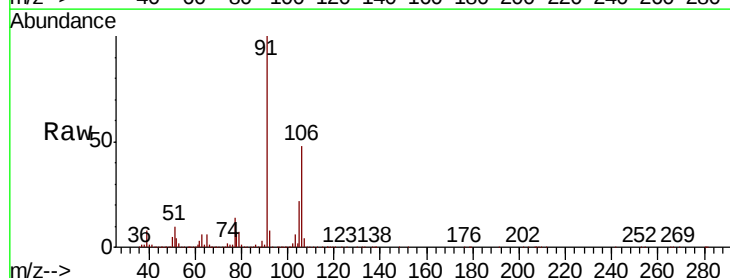
Acq: 16 Sep 2020 13:43

Tgt Ion: 106 Resp: 350175

Ion Ratio Lower Upper

106 100

91 208.3 162.2 243.2

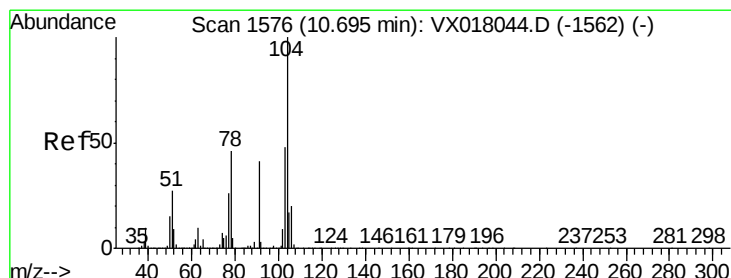
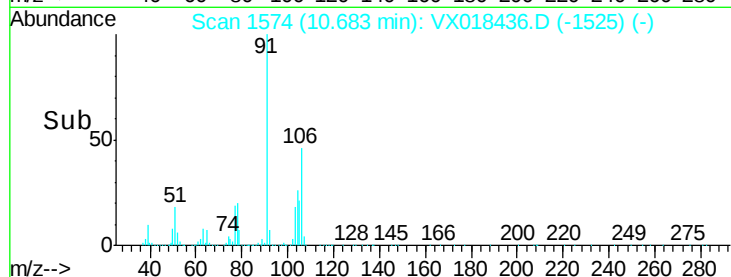
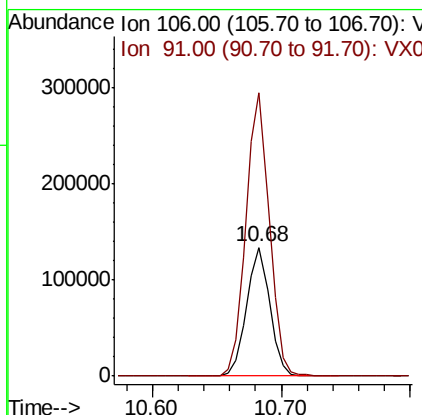
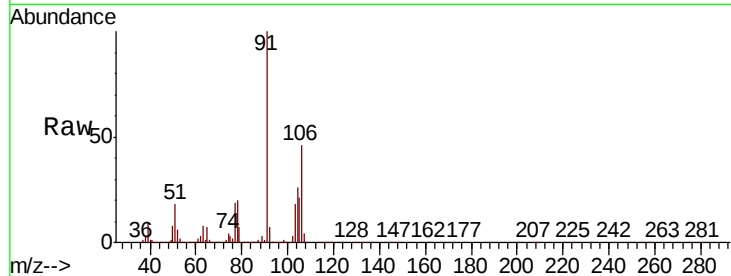




#69
o-Xylene
Concen: 21.007 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

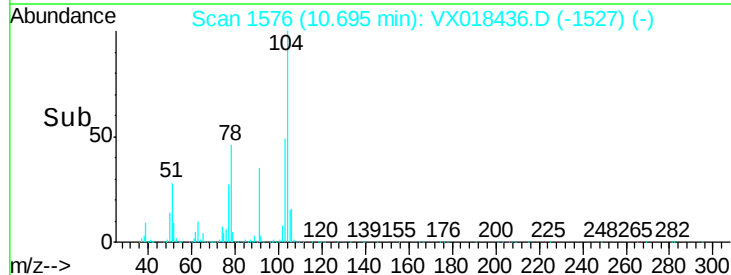
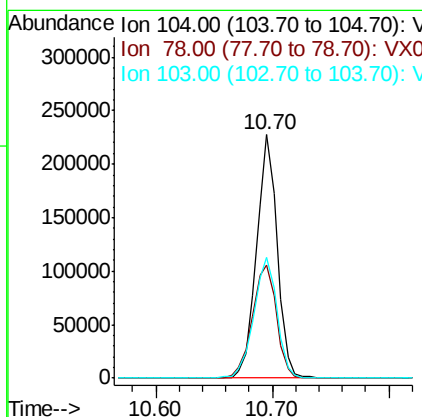
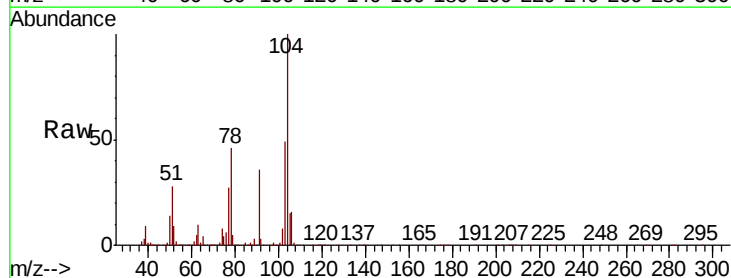
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBSD01

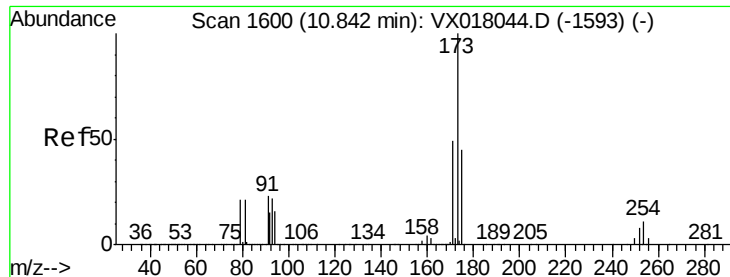
Tot Ion:106 Resp: 164741
Ion Ratio Lower Upper
106 100
91 221.5 107.1 321.3



#70
Styrene
Concen: 21.134 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Tgt Ion:104 Resp: 282255
Ion Ratio Lower Upper
104 100
78 54.3 40.9 61.3
103 56.0 43.6 65.4





#71

Bromoform

Concen: 21.544 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBSD01

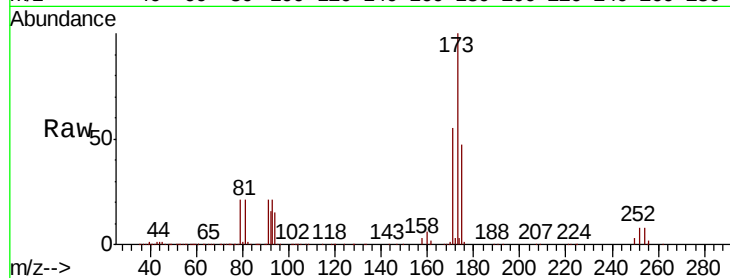
Tot Ion:173 Resp: 92308

Ion Ratio Lower Upper

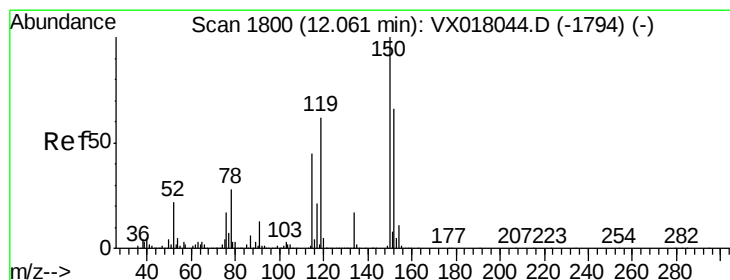
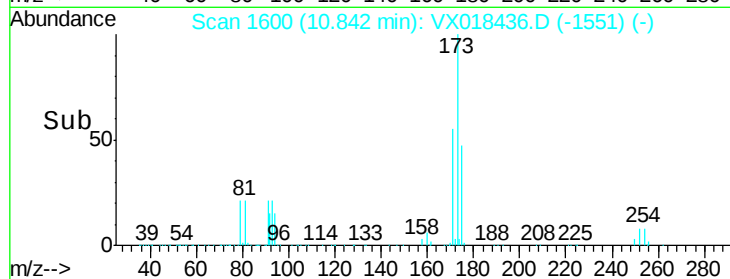
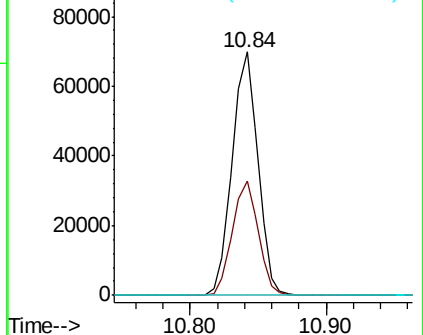
173 100

175 47.1 23.9 71.8

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

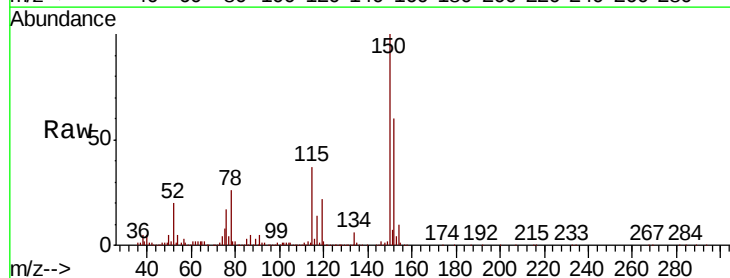
Tgt Ion:152 Resp: 347310

Ion Ratio Lower Upper

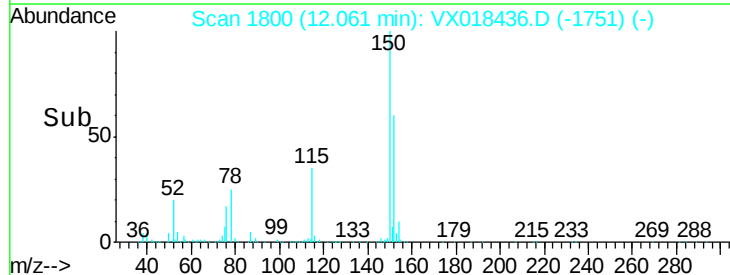
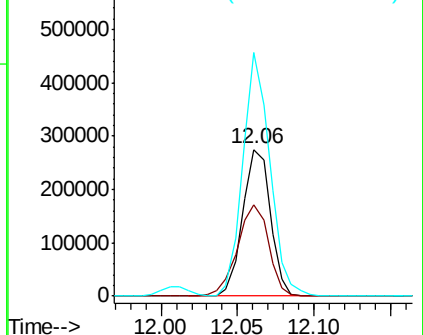
152 100

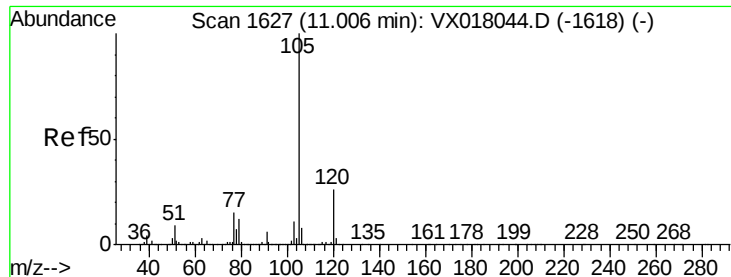
115 69.2 41.5 124.5

150 161.7 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: 20.366 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

ClientSampleId :

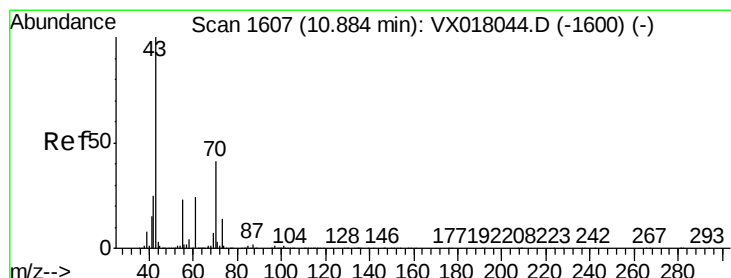
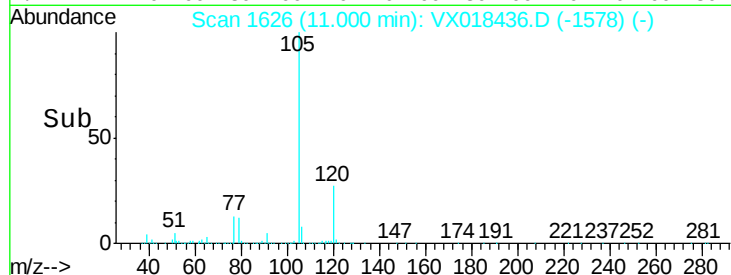
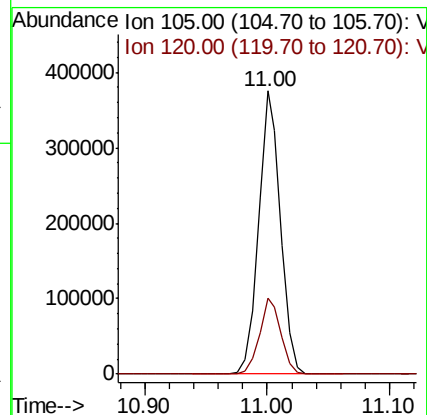
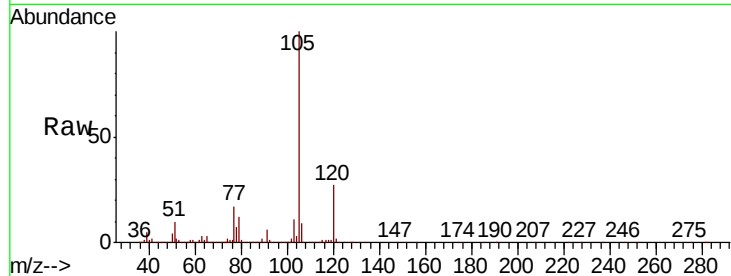
VX0916WBSD01

Tot Ion:105 Resp: 466553

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.5



#74

N-ethyl acetate

Concen: 18.210 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Tgt Ion: 43 Resp: 197930

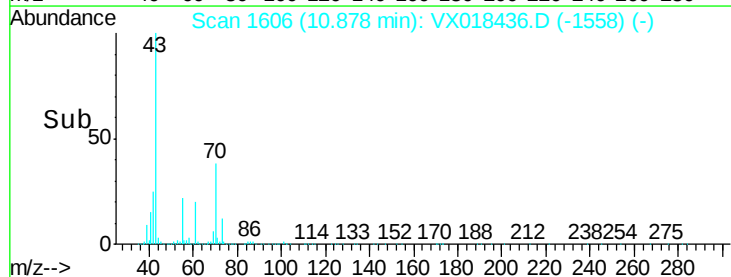
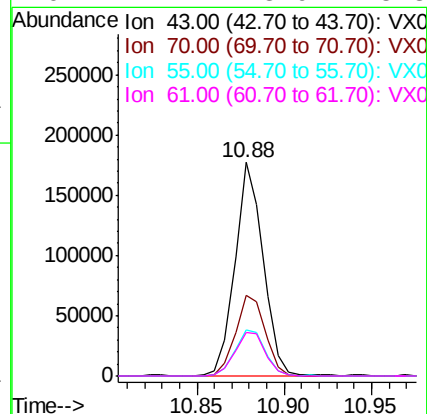
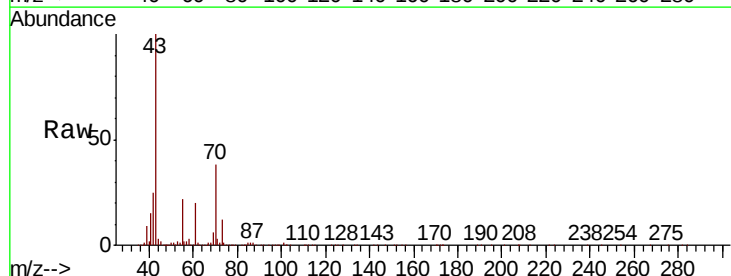
Ion Ratio Lower Upper

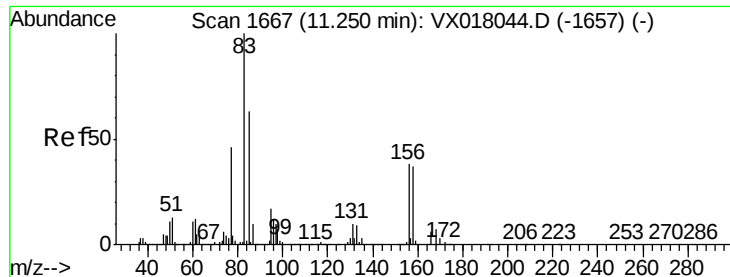
43 100

70 40.3 32.3 48.5

55 23.7 18.2 27.2

61 22.4 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.713 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBSD01

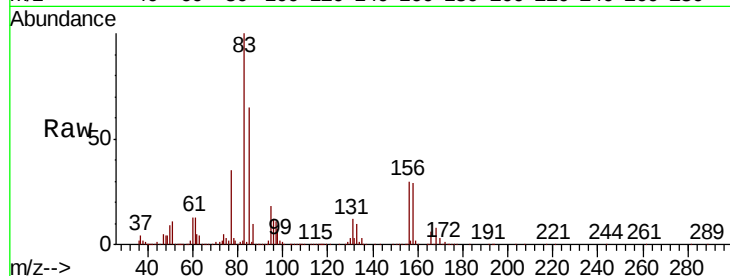
Tot Ion: 83 Resp: 151225

Ion Ratio Lower Upper

83 100

131 11.5 5.1 15.4

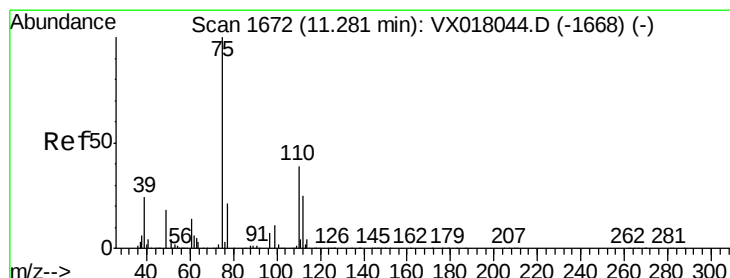
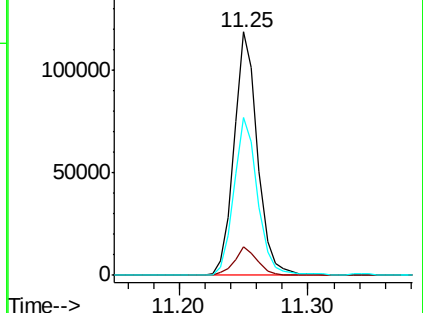
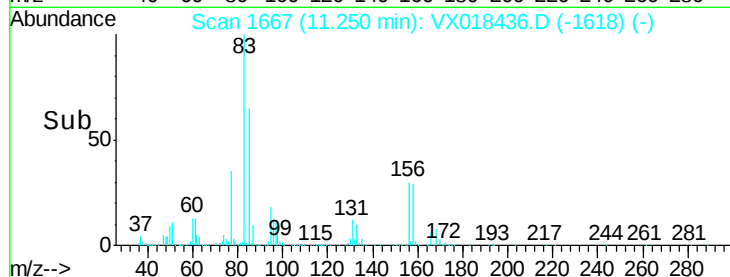
85 65.7 32.2 96.6



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: 23.637 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018436.D

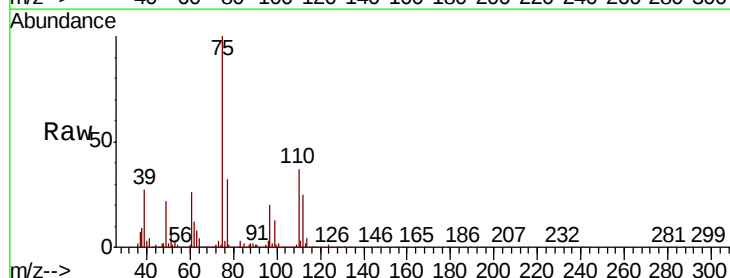
Acq: 16 Sep 2020 13:43

Tgt Ion: 75 Resp: 182624

Ion Ratio Lower Upper

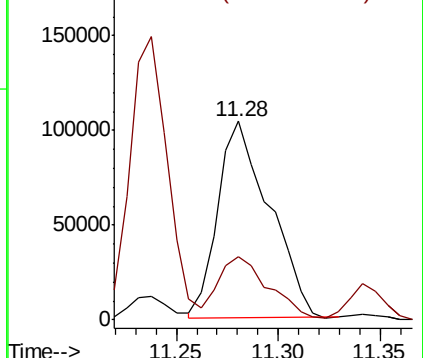
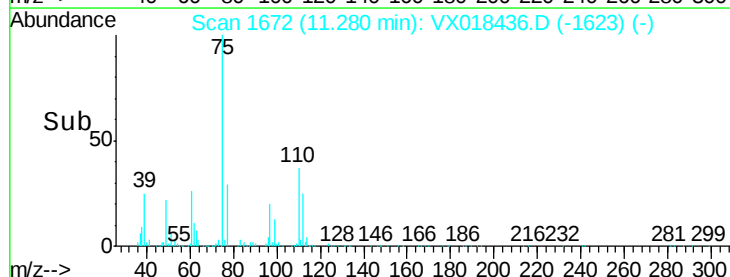
75 100

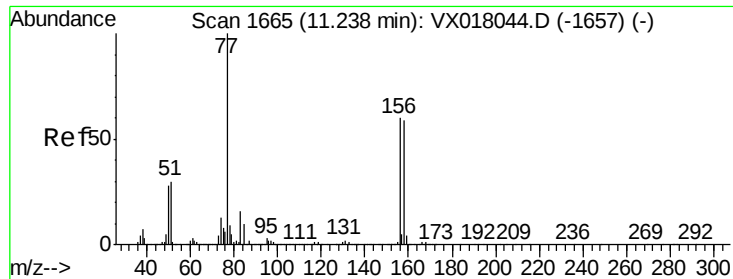
77 31.5 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.538 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBSD01

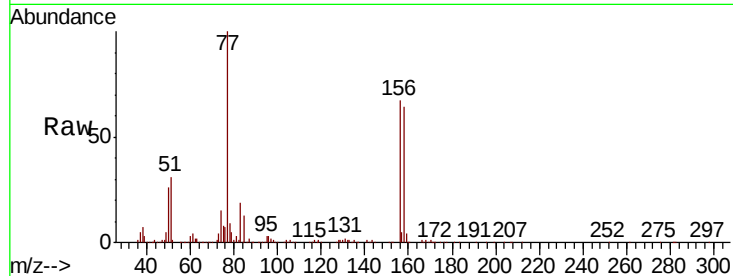
Tot Ion:156 Resp: 123724

Ion Ratio Lower Upper

156 100

77 156.1 80.0 240.2

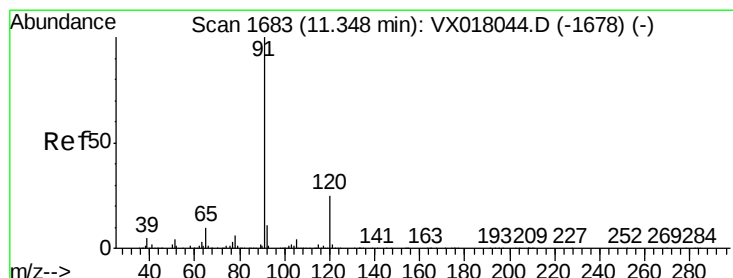
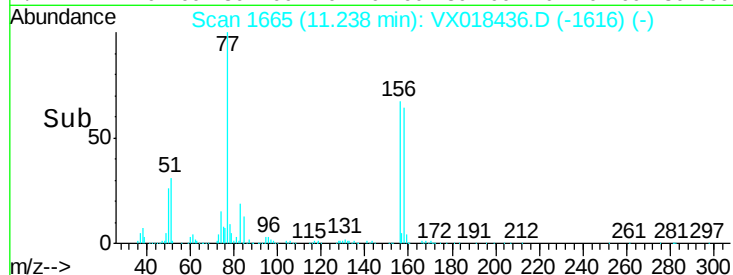
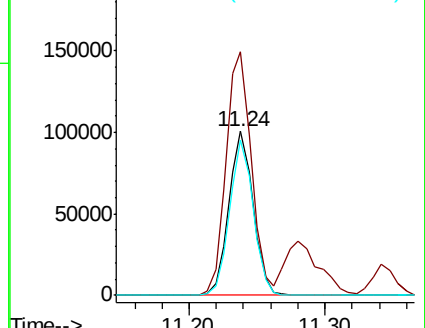
158 93.3 49.5 148.7



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: 20.556 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018436.D

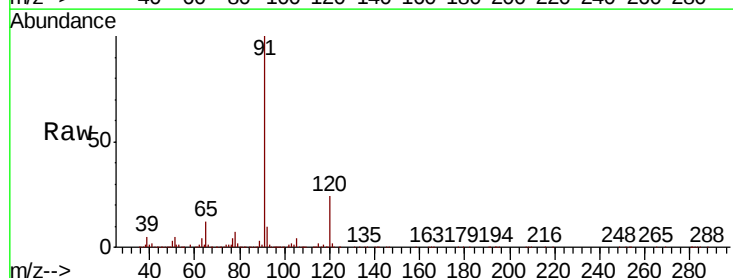
Acq: 16 Sep 2020 13:43

Tgt Ion: 91 Resp: 534715

Ion Ratio Lower Upper

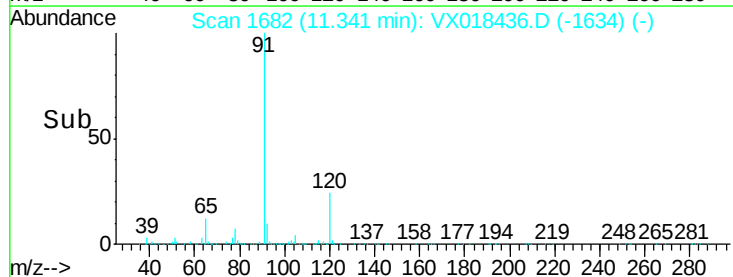
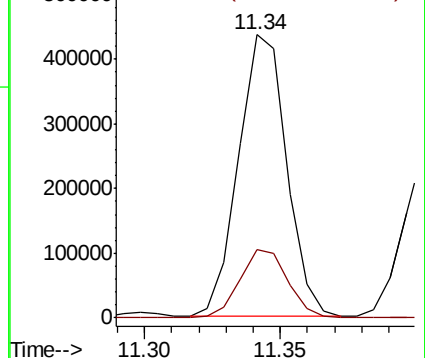
91 100

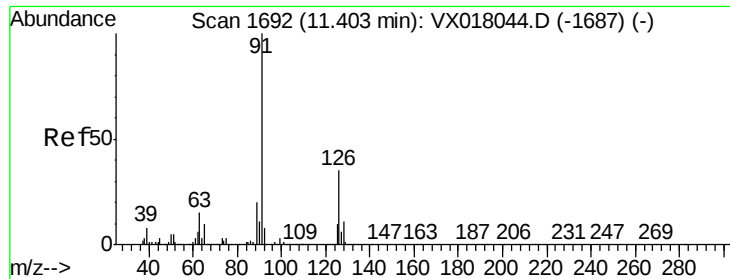
120 24.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

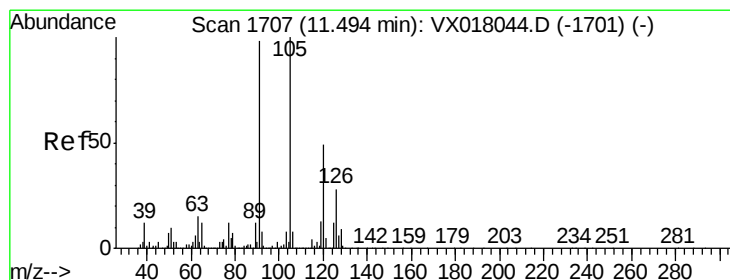
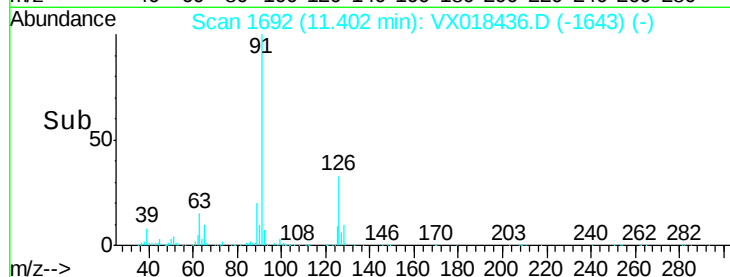
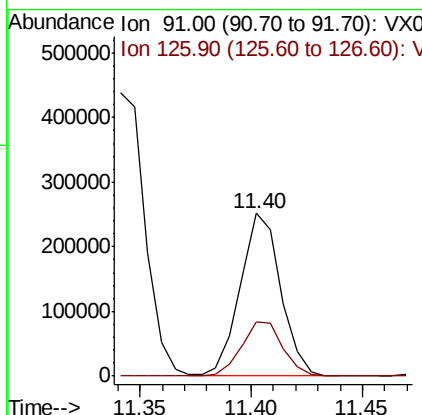
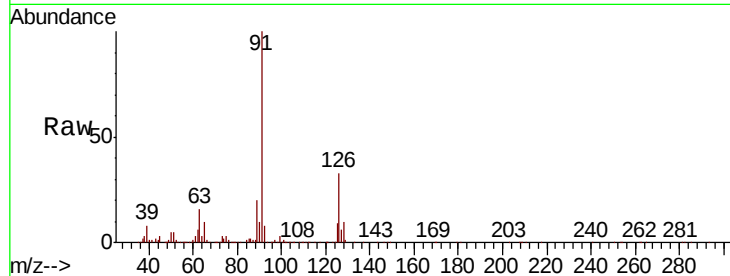




#79
 2-Chlorotoluene
 Concen: 19.784 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX018436.D
 Acq: 16 Sep 2020 13:43

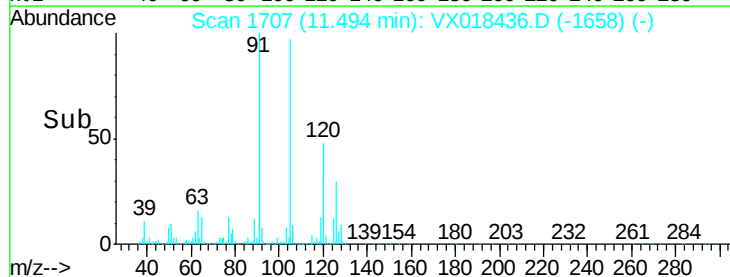
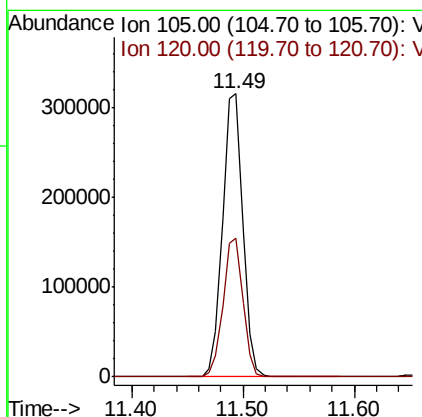
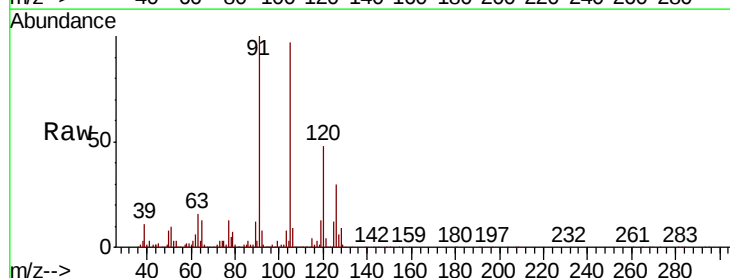
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBSD01

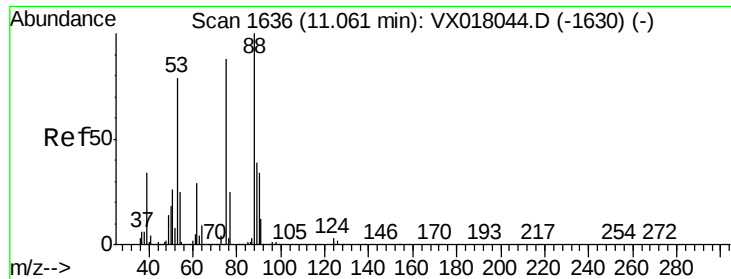
Tot Ion: 91 Resp: 317940
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.4 52.2



#80
 1,3,5-Trimethylbenzene
 Concen: 21.112 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX018436.D
 Acq: 16 Sep 2020 13:43

Tgt Ion: 105 Resp: 397452
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 18.982 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBSD01

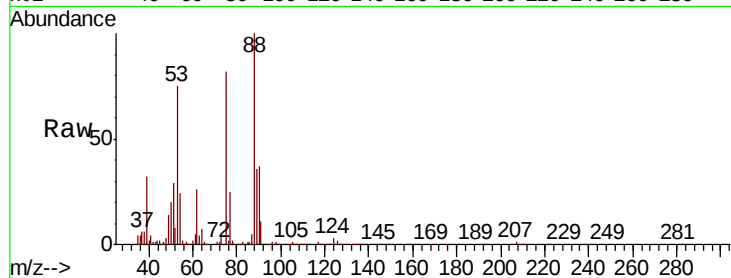
Tot Ion: 75 Resp: 54300

Ion Ratio Lower Upper

75 100

53 97.1 74.7 112.1

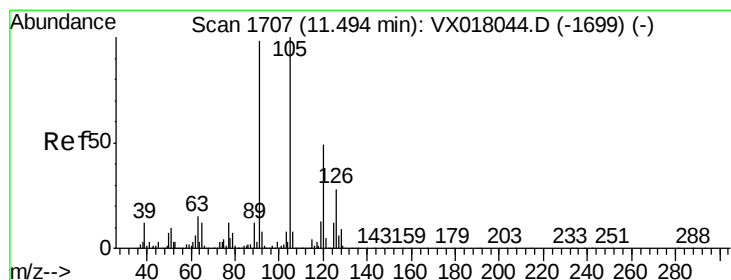
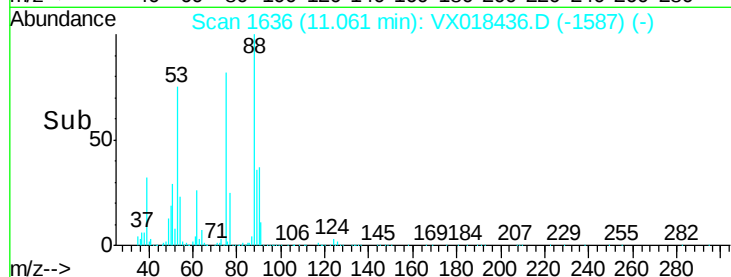
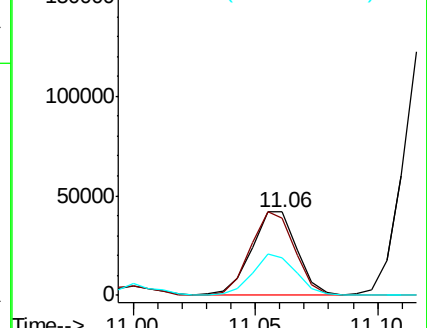
89 46.4 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.562 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018436.D

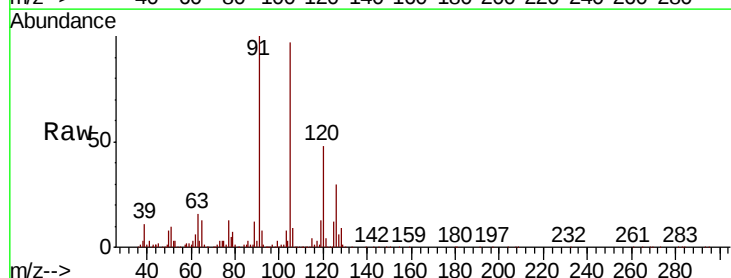
Acq: 16 Sep 2020 13:43

Tgt Ion: 91 Resp: 392834

Ion Ratio Lower Upper

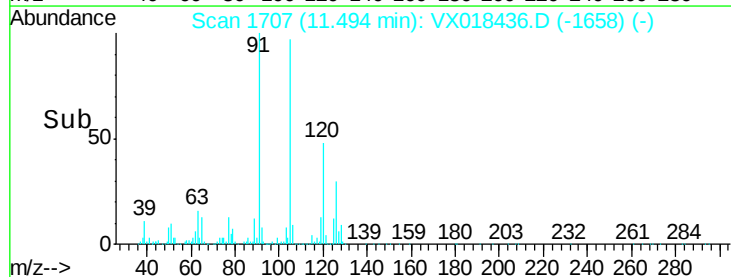
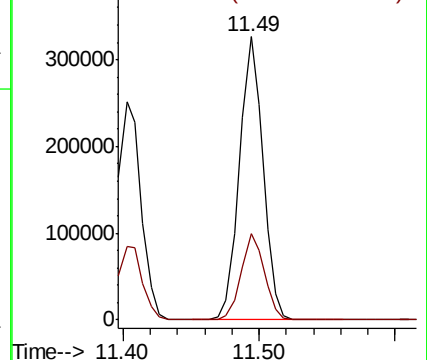
91 100

126 30.4 15.1 45.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 21.163 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBSD01

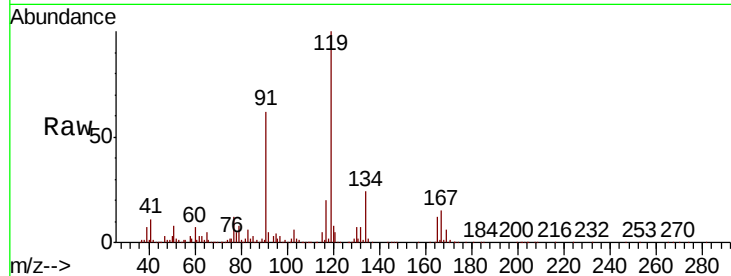
Tot Ion:119 Resp: 393176

Ion Ratio Lower Upper

119 100

91 58.3 28.2 84.7

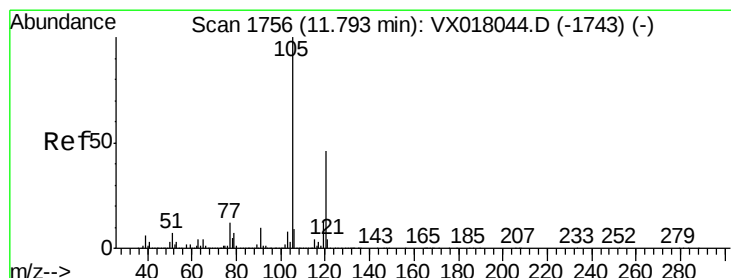
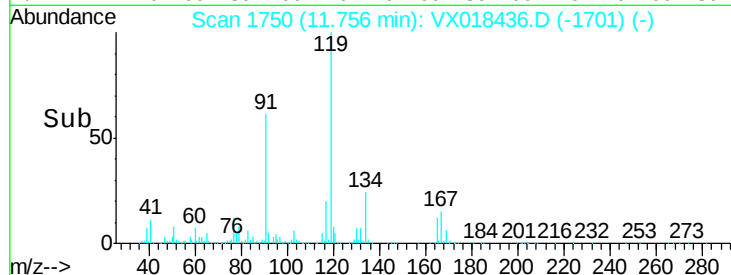
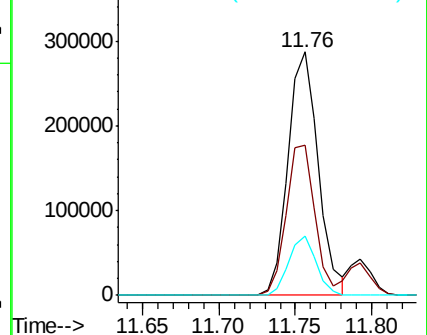
134 22.2 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.123 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018436.D

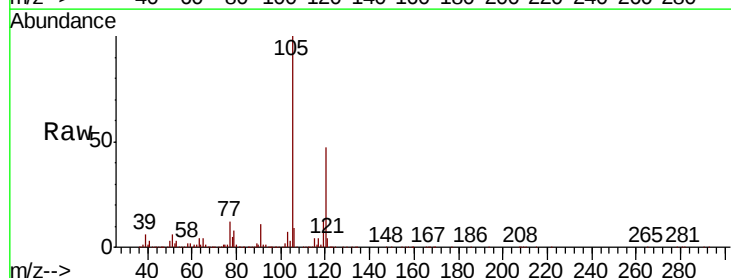
Acq: 16 Sep 2020 13:43

Tgt Ion:105 Resp: 406559

Ion Ratio Lower Upper

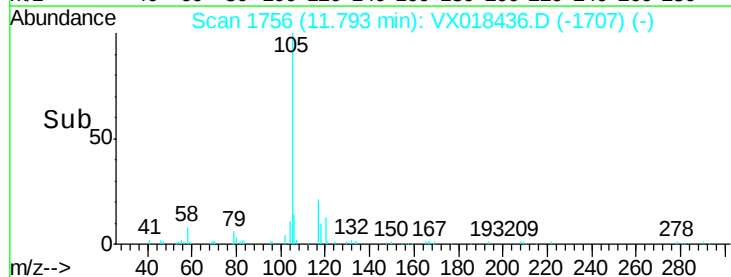
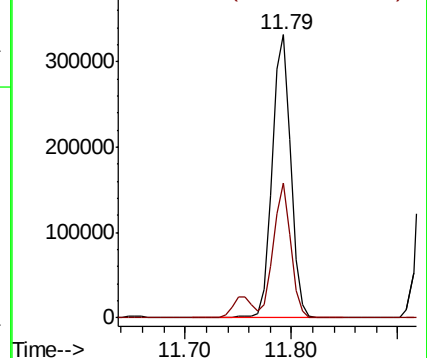
105 100

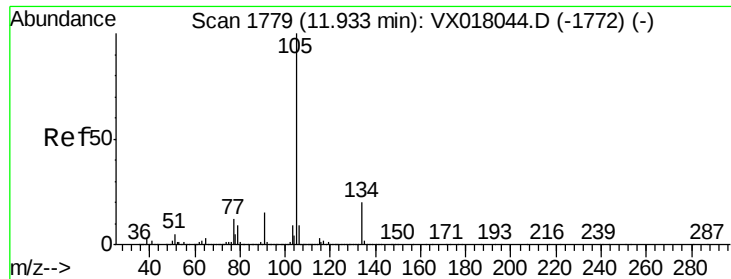
120 44.7 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

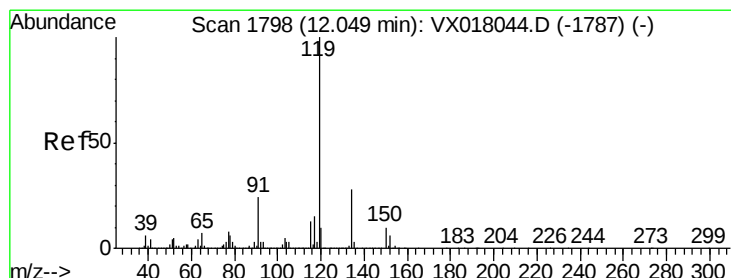
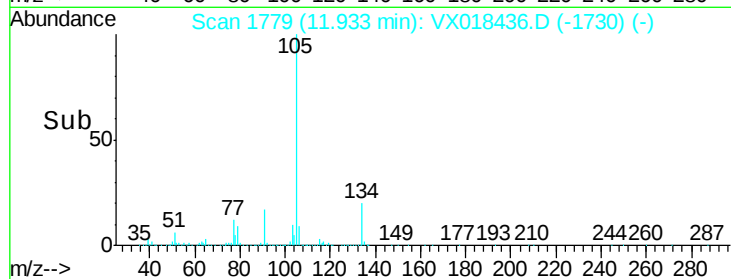
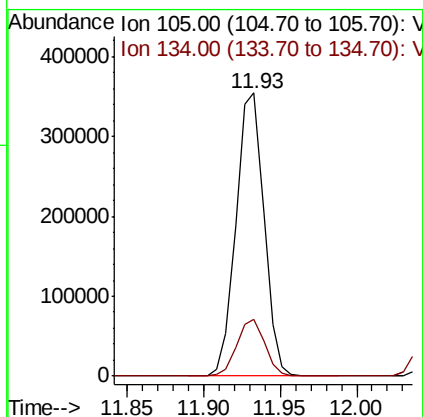
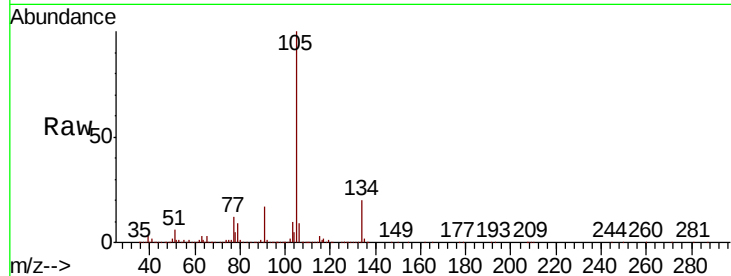




#85
 sec-Butylbenzene
 Concen: 21.297 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018436.D
 Acq: 16 Sep 2020 13:43

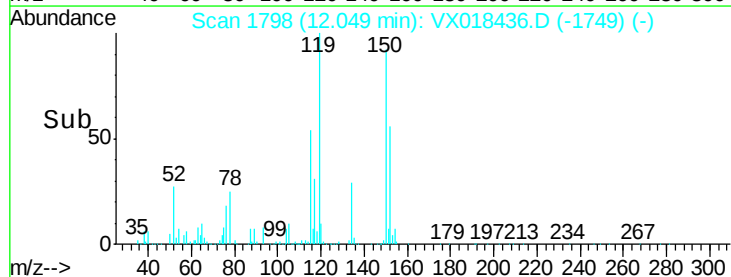
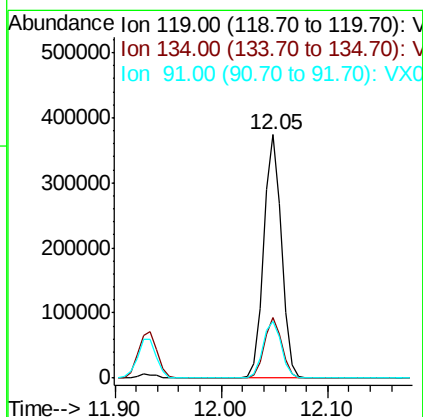
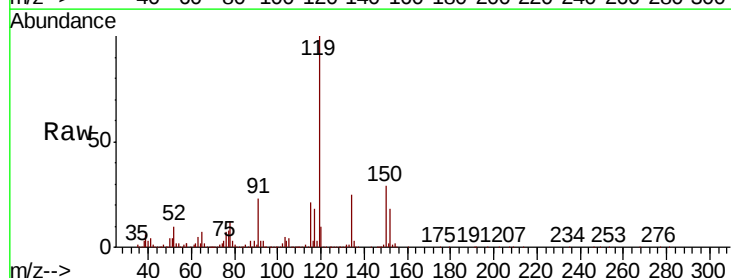
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBSD01

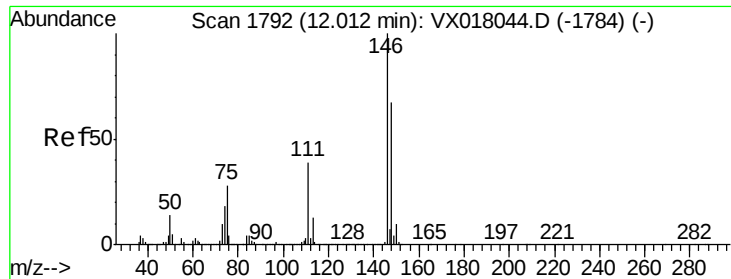
Tot Ion:105 Resp: 449940
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 22.450 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018436.D
 Acq: 16 Sep 2020 13:43

Tgt Ion:119 Resp: 435674
 Ion Ratio Lower Upper
 119 100
 134 25.0 13.2 39.5
 91 24.2 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 20.210 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBSD01

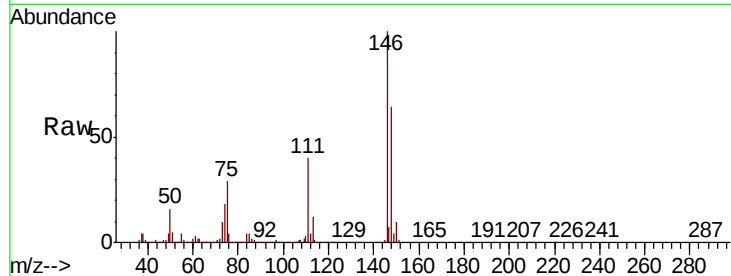
Tot Ion:146 Resp: 224696

Ion Ratio Lower Upper

146 100

111 41.4 20.6 61.8

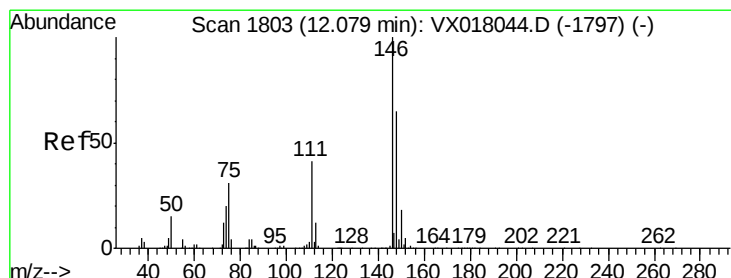
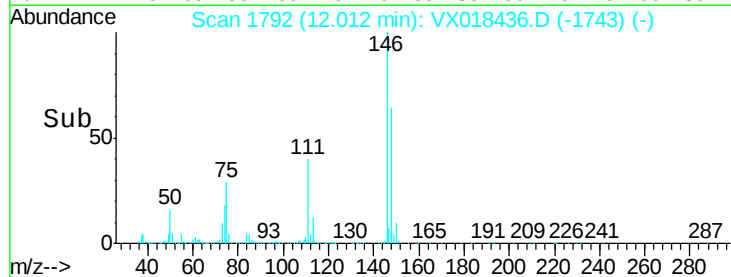
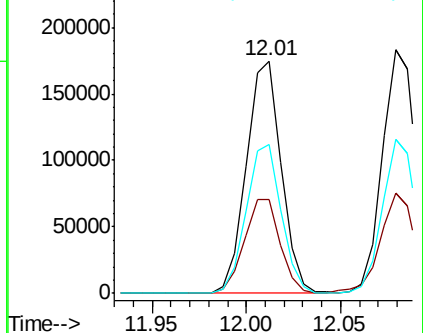
148 64.4 33.1 99.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.899 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

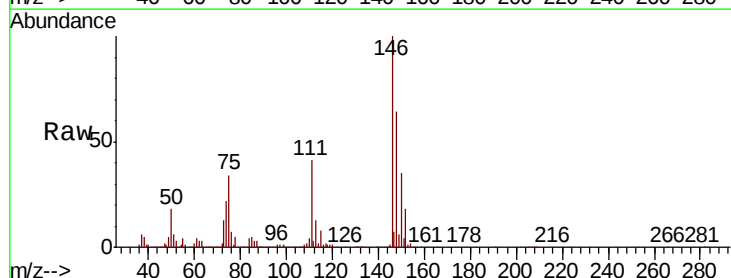
Tgt Ion:146 Resp: 232655

Ion Ratio Lower Upper

146 100

111 41.4 20.3 60.8

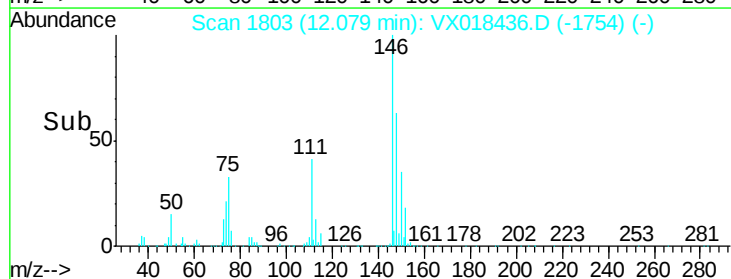
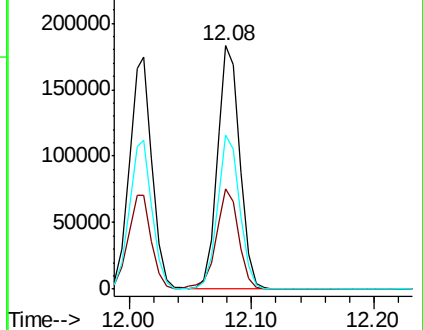
148 62.8 33.1 99.2

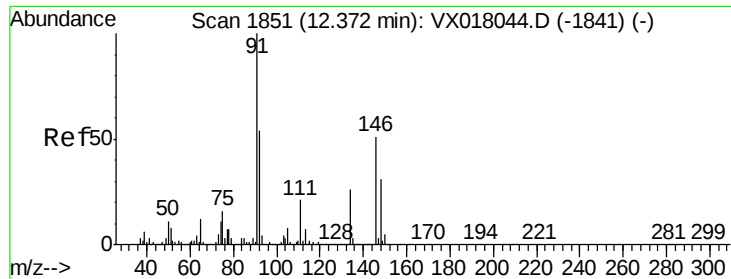


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

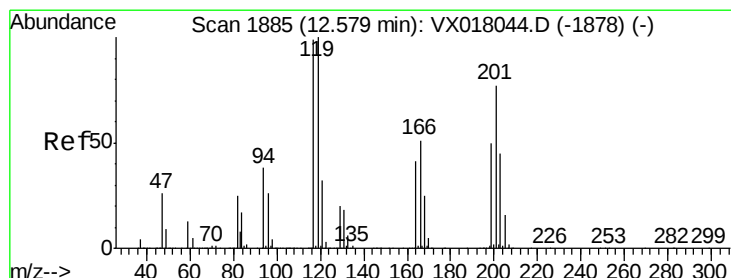
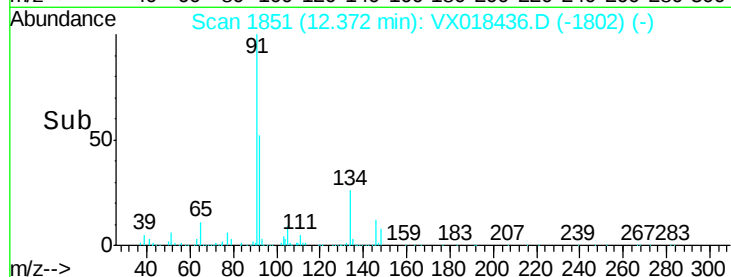
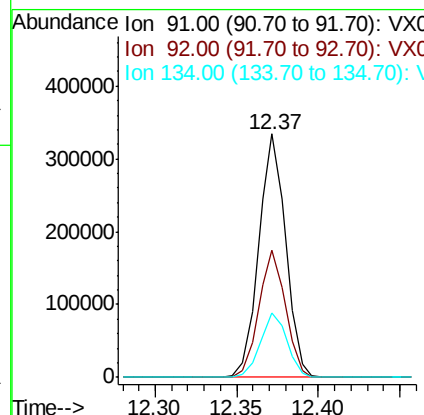
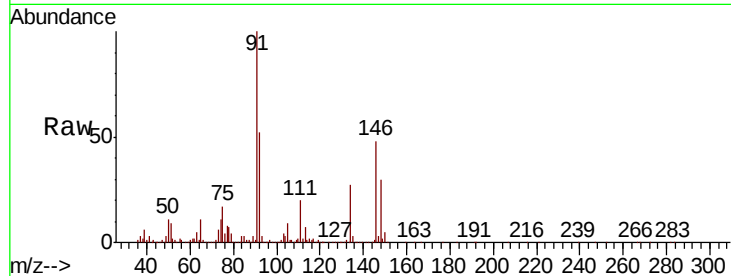




#89
n-Butylbenzene
Concen: 21.683 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

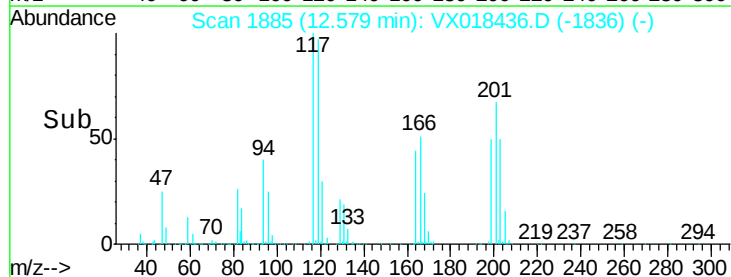
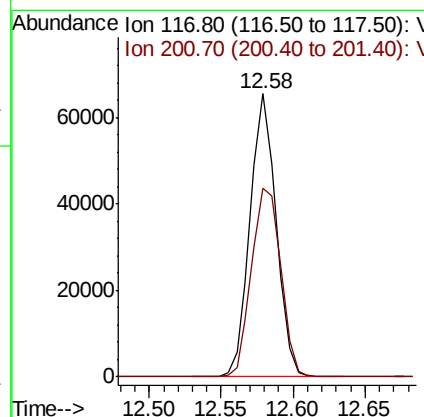
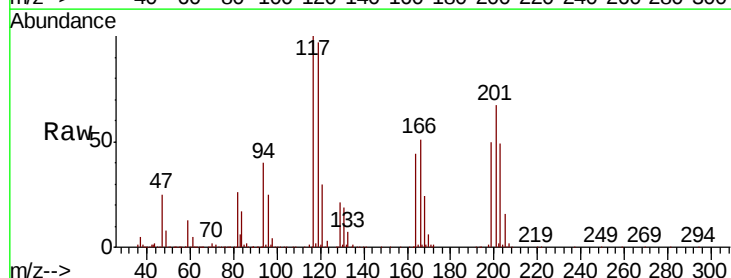
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBSD01

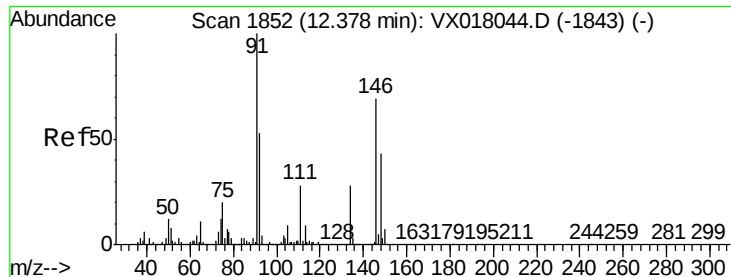
Tot Ion: 91 Resp: 384060
Ion Ratio Lower Upper
91 100
92 52.0 26.4 79.2
134 26.7 12.9 38.7



#90
Hexachloroethane
Concen: 21.463 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018436.D
Acq: 16 Sep 2020 13:43

Tgt Ion: 117 Resp: 81951
Ion Ratio Lower Upper
117 100
201 74.7 38.5 115.3





#91

1,2-Dichlorobenzene

Concen: 20.167 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBSD01

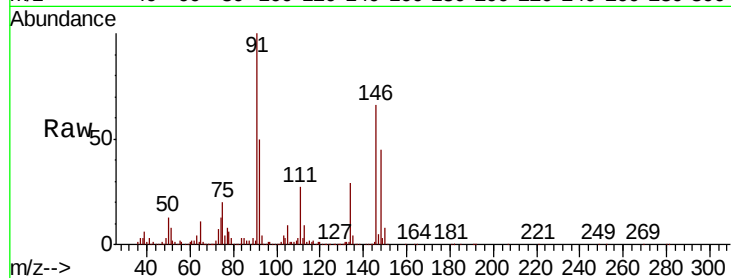
Tot Ion:146 Resp: 211065

Ion Ratio Lower Upper

146 100

111 42.7 20.8 62.5

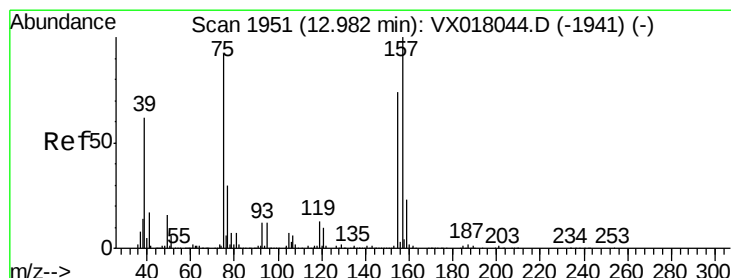
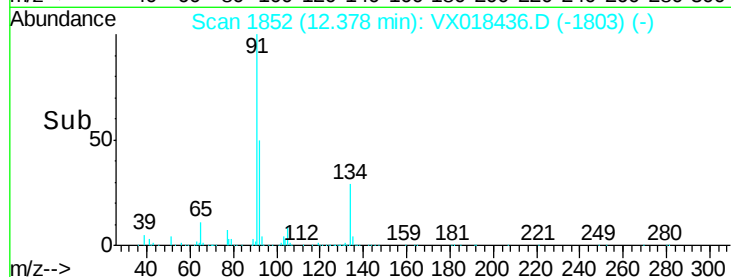
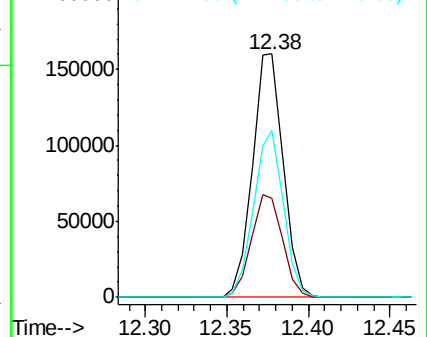
148 66.5 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.072 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

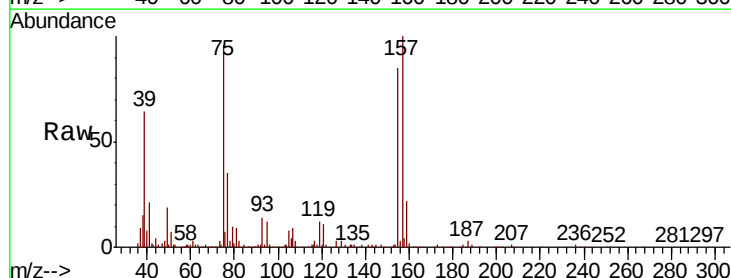
Tgt Ion: 75 Resp: 36518

Ion Ratio Lower Upper

75 100

155 82.4 40.2 120.6

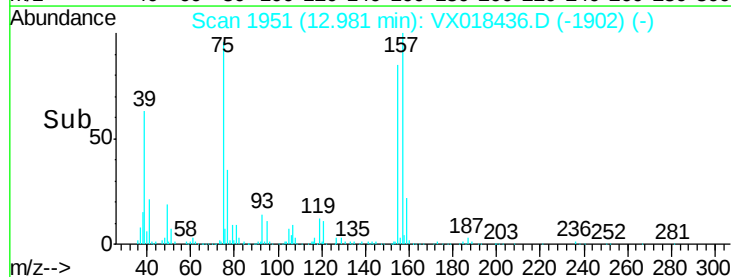
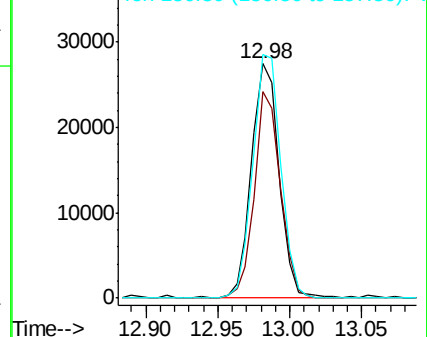
157 104.5 55.0 165.2

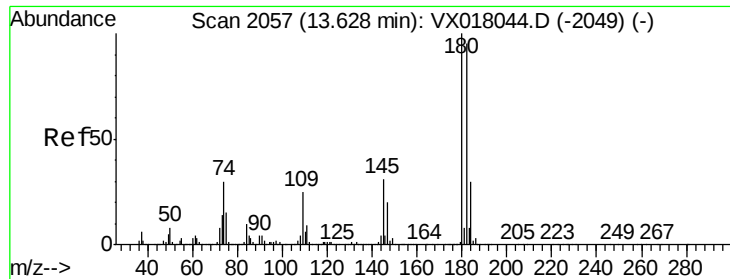


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

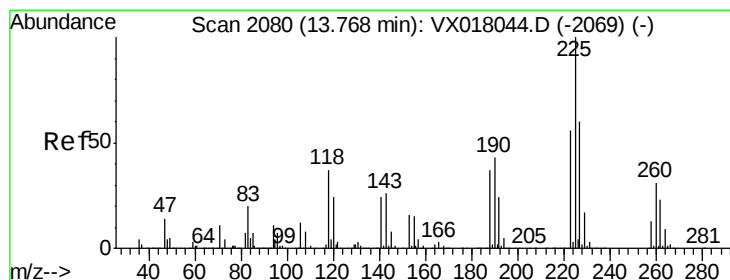
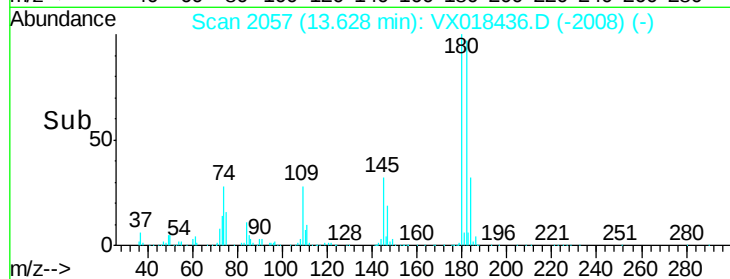
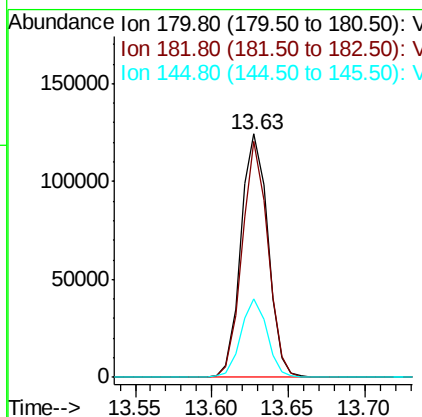
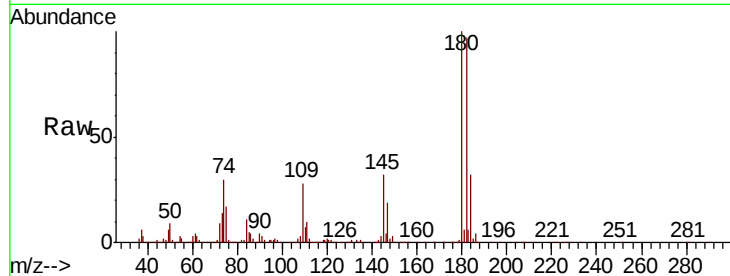




#93
 1,2,4-Trichlorobenzene
 Concen: 21.902 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018436.D
 Acq: 16 Sep 2020 13:43

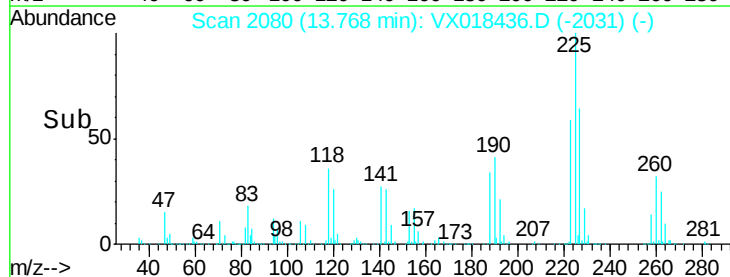
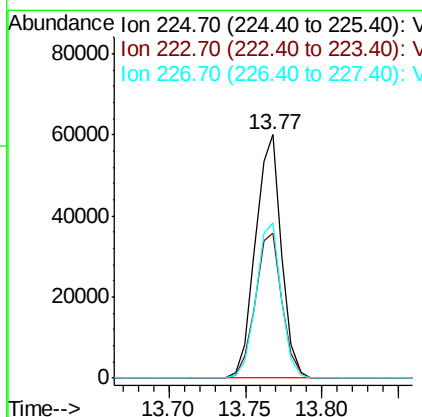
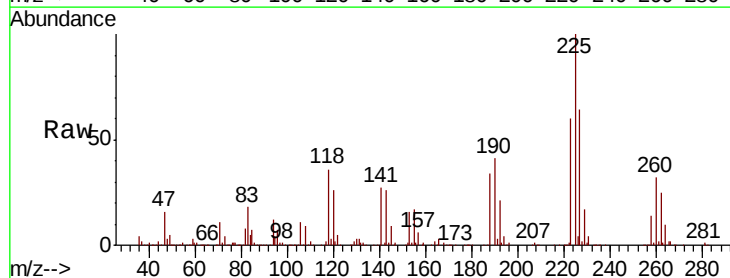
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBSD01

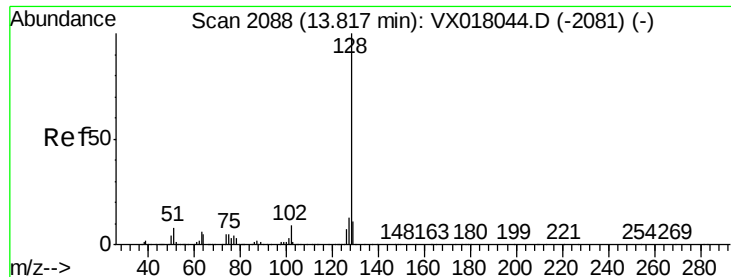
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.1	47.5	142.6
145	31.1	15.7	47.1



#94
 Hexachlorobutadiene
 Concen: 25.735 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018436.D
 Acq: 16 Sep 2020 13:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	30.7	92.1
227	62.1	32.6	97.8





#95

Naphthalene

Concen: 18.979 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBSD01

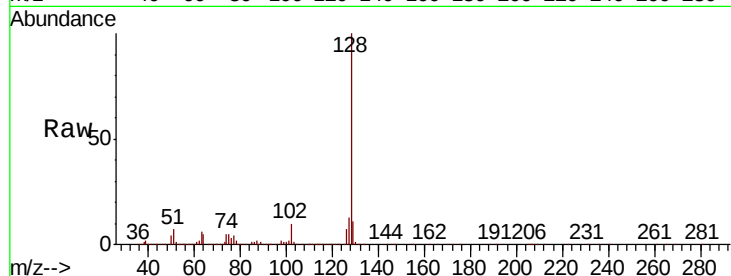
Tot Ion:128 Resp: 435898

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

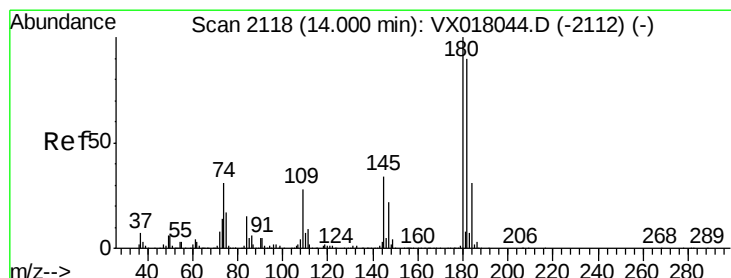
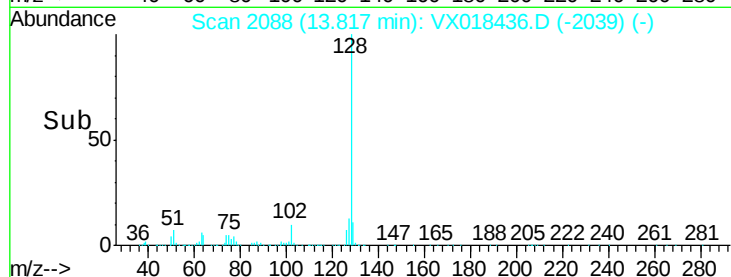
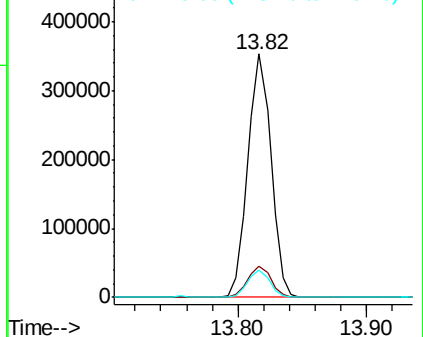
129 10.9 8.7 13.1



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: 21.950 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018436.D

Acq: 16 Sep 2020 13:43

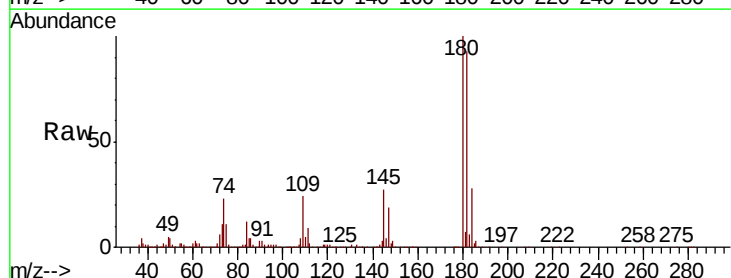
Tgt Ion:180 Resp: 151359

Ion Ratio Lower Upper

180 100

182 90.2 47.3 142.0

145 31.2 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

