

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091120\
 Data File : VX018350.D
 Acq On : 11 Sep 2020 09:54
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 12 05:43:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	84583	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	436274	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	404487	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	196605	29.46	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.20%
60) 4-Bromofluorobenzene	11.12	95	212618	30.33	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.10%
63) Toluene-d8	8.70	98	541586	30.38	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.27%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	91150	20.365 ug/l	95
3) Chloromethane	1.31	50	91891	19.328 ug/l	99
4) Vinyl Chloride	1.39	62	102537	20.483 ug/l	100
5) Bromomethane	1.64	94	68969	20.249 ug/l	100
6) Chloroethane	1.72	64	62813	20.644 ug/l	93
7) Trichlorofluoromethane	1.92	101	180895	21.323 ug/l	99
8) Diethyl Ether	2.17	74	54835	20.502 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	92814	21.413 ug/l	98
10) 1,1-Dichloroethene	2.36	96	83660	19.662 ug/l	87
11) Methyl Iodide	2.49	142	72816	18.855 ug/l	99
12) Methyl Acetate	2.75	43	110882	19.797 ug/l	99
13) Acrolein	2.27	56	47417	104.901 ug/l	94
14) Acrylonitrile	3.11	53	247560	97.547 ug/l	99
15) Acetone	2.42	58	69518	100.749 ug/l	84
16) Carbon Disulfide	2.55	76	251270	20.281 ug/l	97
17) Allyl chloride	2.71	41	155905	20.500 ug/l	97
18) Methylene Chloride	2.83	84	100727	20.171 ug/l	99
19) trans-1,2-Dichloroethene	3.14	96	99706	21.106 ug/l	96
20) Diisopropyl ether	3.82	45	309053	20.527 ug/l	97
21) 1,1-Dichloroethane	3.67	63	175580	20.318 ug/l	98
22) cis-1,2-Dichloroethene	4.57	96	107322	20.533 ug/l	96
23) tert-Butyl Alcohol	3.00	59	102382	93.094 ug/l	100
24) Methyl tert-Butyl Ether	3.17	73	309613	20.468 ug/l	98
25) Chloroform	5.17	83	188024	20.387 ug/l	99
26) Cyclohexane	5.54	56	142996	20.501 ug/l #	50
29) 1,1-Dichloropropene	5.77	75	138167	20.747 ug/l	100
30) 2-Butanone	4.63	43	358115	98.210 ug/l	100
31) 2,2-Dichloropropane	4.55	77	170270	21.167 ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	182412	20.926 ug/l	99
33) Carbon Tetrachloride	5.76	117	167573	20.630 ug/l	99
34) Benzene	6.11	78	393249	20.687 ug/l #	96
35) Methacrylonitrile	5.00	41	74256	19.323 ug/l	95
36) 1,2-Dichloroethane	6.16	62	160766	20.434 ug/l #	100
37) Trichloroethene	7.18	130	113221	20.597 ug/l	97
38) Methylcyclohexane	7.44	83	147668	20.817 ug/l	98
39) 1,2-Dichloropropane	7.49	63	100156	19.671 ug/l	95
40) Dibromomethane	7.63	93	73432	19.972 ug/l	98

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Quant Time: Sep 12 05:43:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	154117	20.225	ug/l	89
42) Vinyl Acetate	3.78	43	1365514	100.373	ug/l	99
43) Ethyl Acetate	4.79	43	136422	18.815	ug/l	98
44) Isopropyl Acetate	6.41	43	227685	19.485	ug/l	98
45) 1,4-Dioxane	7.71	88	38837	397.837	ug/l #	88
46) Methyl methacrylate	7.74	41	109726	19.080	ug/l	97
47) n-amyl Acetate	10.88	43	194560	18.949	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	163065	19.921	ug/l	95
49) cis-1,3-Dichloropropene	8.42	75	173031	20.122	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	100841	19.682	ug/l	96
51) Ethyl methacrylate	9.16	69	144281	19.440	ug/l	98
52) 1,3-Dichloropropane	9.35	76	168006	19.756	ug/l	98
53) Dibromochloromethane	9.56	129	126632	19.879	ug/l	97
54) 1,2-Dibromoethane	9.65	107	110006	19.573	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	371877	95.953	ug/l	99
56) Bromoform	10.84	173	93077	19.230	ug/l	96
58) 4-Methyl-2-Pentanone	8.62	43	707784	101.736	ug/l	100
59) 2-Hexanone	9.47	43	542927	103.031	ug/l	99
61) Tetrachloroethene	9.32	164	110170	21.839	ug/l	96
62) Toluene	8.76	91	426023	20.928	ug/l	99
64) Chlorobenzene	10.12	112	265809	20.319	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.20	131	109136	20.600	ug/l	99
66) Ethyl Benzene	10.23	91	465714	20.705	ug/l	96
67) m/p-Xylenes	10.34	106	363027	42.203	ug/l	98
68) o-Xylene	10.68	106	170338	20.957	ug/l	98
69) Styrene	10.70	104	296123	20.883	ug/l	100
70) Isopropylbenzene	11.00	105	466492	20.639	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	152187	20.604	ug/l	97
72) 1,2,3-Trichloropropane	11.28	75	181419	25.564	ug/l	87
73) Bromobenzene	11.24	156	125995	20.347	ug/l	99
74) n-propylbenzene	11.34	91	555172	20.860	ug/l	99
75) 2-Chlorotoluene	11.40	91	334155	20.715	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	404547	20.545	ug/l	98
77) t-1,4-Dichloro-2-butene	11.05	75	54431	19.737	ug/l	96
78) 4-Chlorotoluene	11.49	91	404042	20.997	ug/l	99
79) tert-butylbenzene	11.76	119	382915	20.187	ug/l	97
80) 1,2,4-Trimethylbenzene	11.79	105	405969	20.846	ug/l	99
81) sec-Butylbenzene	11.93	105	456517	20.605	ug/l	100
82) p-Isopropyltoluene	12.05	119	420059	20.334	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	235705	21.289	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	231176	20.882	ug/l	99
85) n-Butylbenzene	12.37	91	381797	20.992	ug/l	99
86) Hexachloroethane	12.58	117	79251	19.485	ug/l	97
87) 1,2-Dichlorobenzene	12.37	146	223012	21.511	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	37948	20.083	ug/l	95
89) 1,2,4-Trichlorobenzene	13.63	180	149396	21.300	ug/l	96
90) Hexachlorobutadiene	13.76	225	67927	22.895	ug/l	95
91) Naphthalene	13.82	128	446200	20.384	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	147319	21.231	ug/l	97

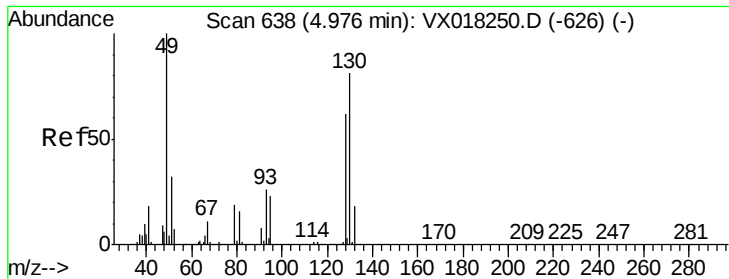
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 04 12:13:41 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :

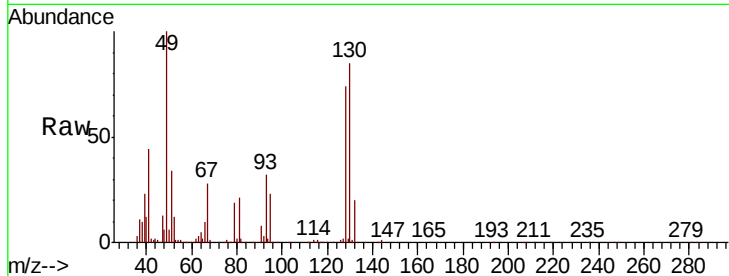
Tot Ion:128 Resp: 84583

Ion Ratio Lower Upper

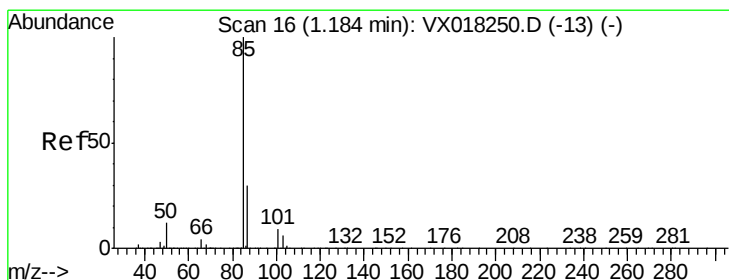
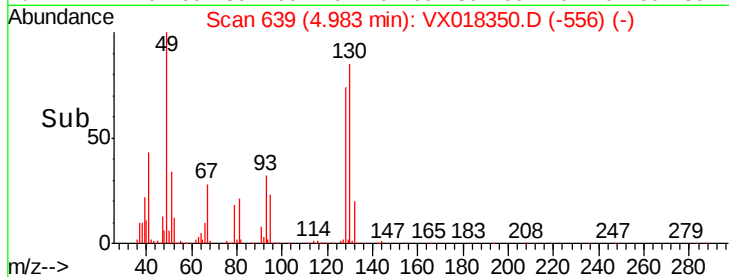
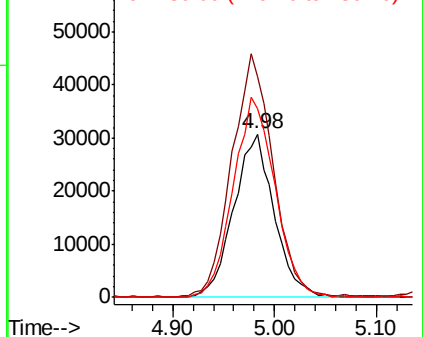
128 100

49 151.9 0.0 392.0

130 126.7 0.0 320.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 20.365 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018350.D

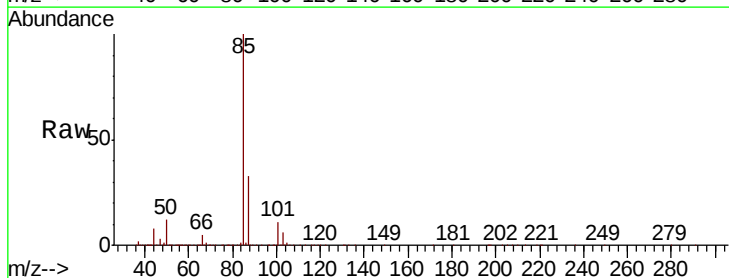
Acq: 11 Sep 2020 09:54

Tgt Ion: 85 Resp: 91150

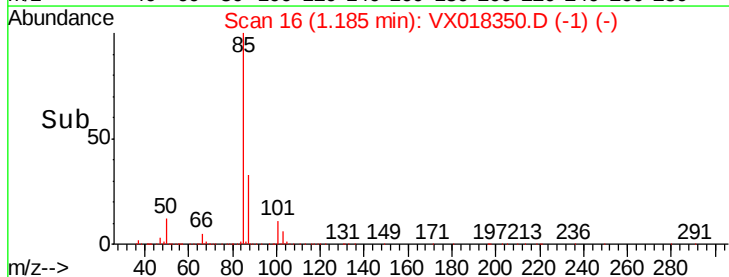
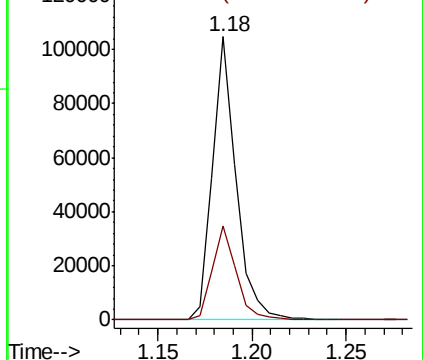
Ion Ratio Lower Upper

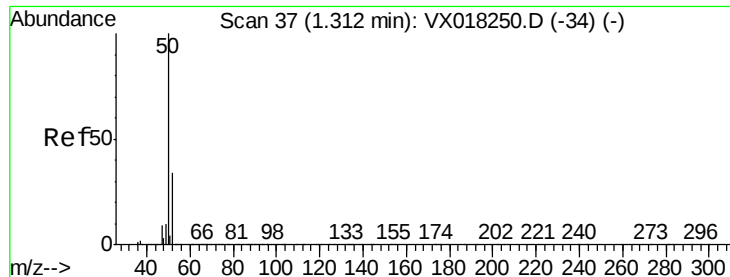
85 100

87 32.9 15.1 45.3



Abundance Ion 85.00 (84.70 to 85.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

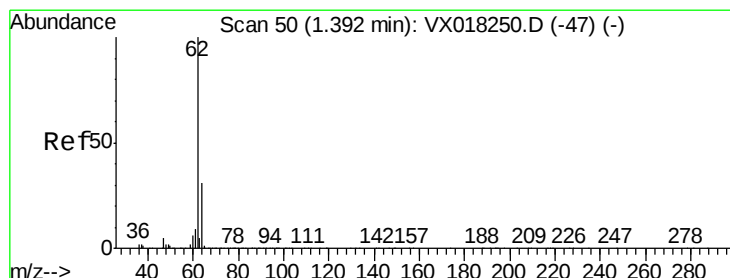
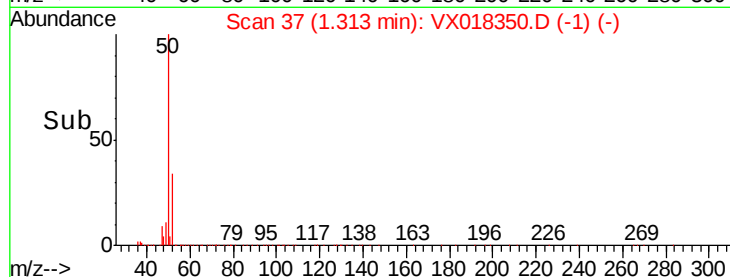
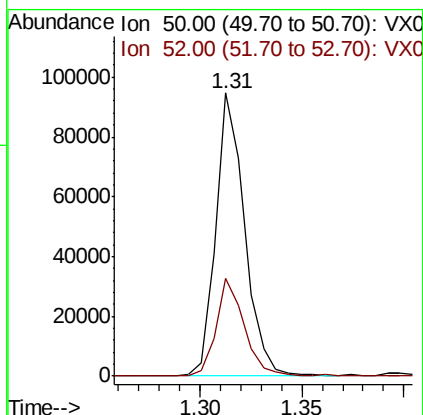
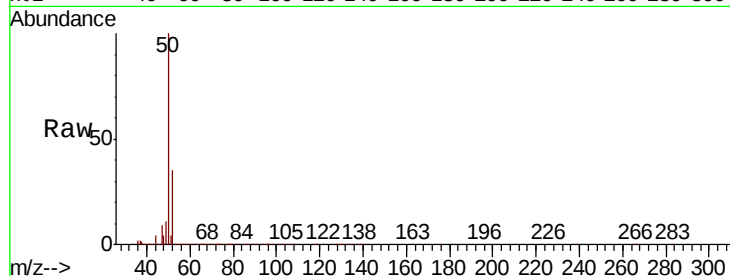




#3
Chloromethane
Concen: 19.328 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

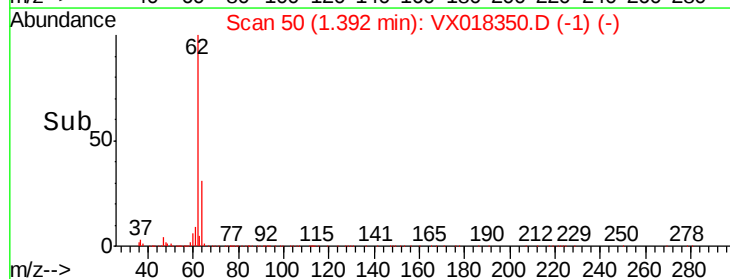
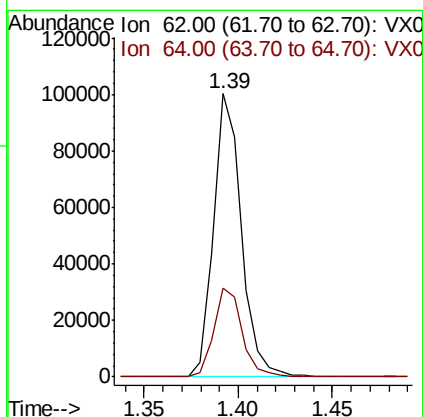
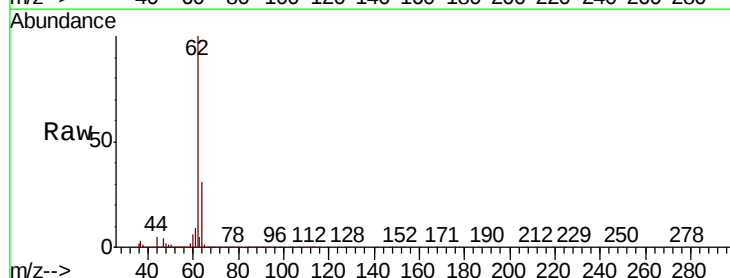
Instrument :
MSVOA_X
ClientSampleId :

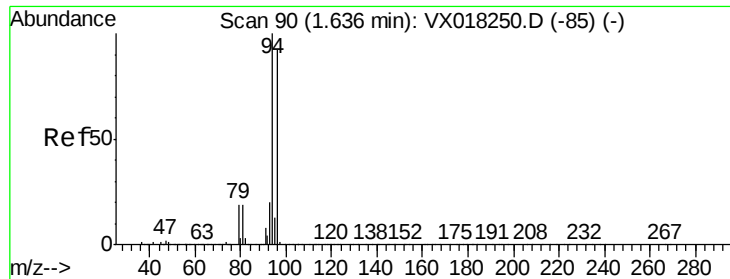
Tot Ion: 50 Resp: 91891
Ion Ratio Lower Upper
50 100
52 34.6 27.1 40.7



#4
Vinyl Chloride
Concen: 20.483 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Tgt Ion: 62 Resp: 102537
Ion Ratio Lower Upper
62 100
64 31.3 25.2 37.8





#5

Bromomethane

Concen: 20.249 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

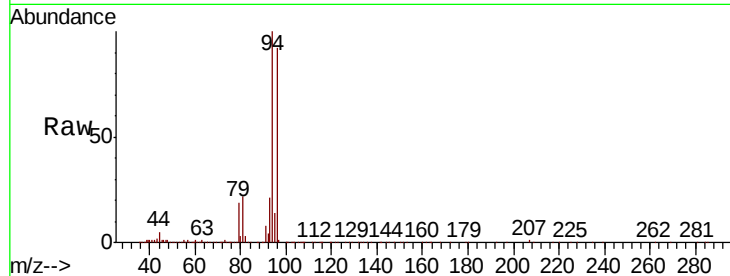
ClientSampleId :

Tot Ion: 94 Resp: 68969

Ion Ratio Lower Upper

94 100

96 92.1 73.9 110.9



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.64

50000

40000

30000

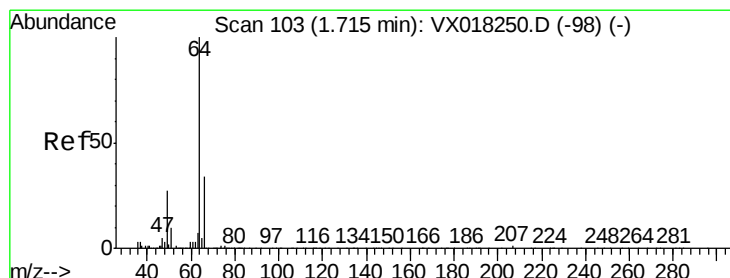
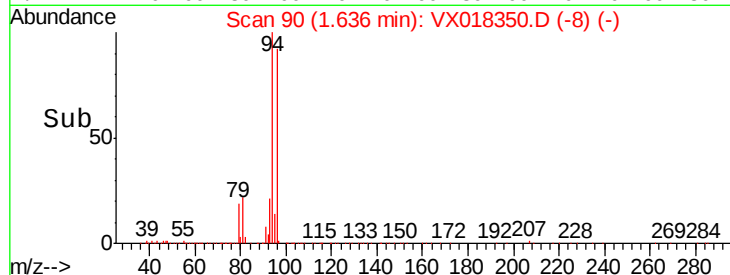
20000

10000

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 20.644 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018350.D

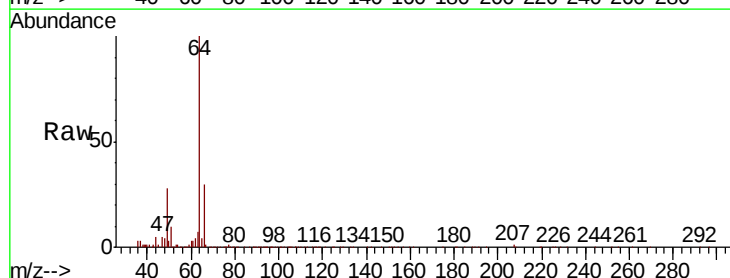
Acq: 11 Sep 2020 09:54

Tgt Ion: 64 Resp: 62813

Ion Ratio Lower Upper

64 100

66 29.6 27.0 40.4



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.72

60000

50000

40000

30000

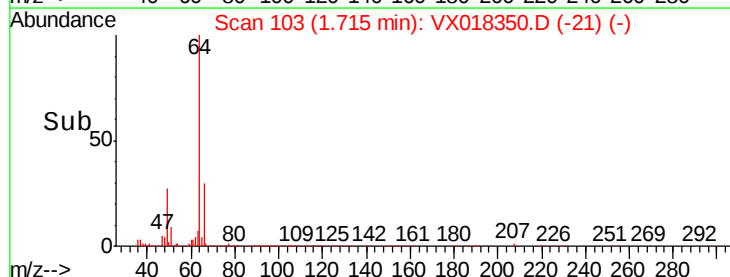
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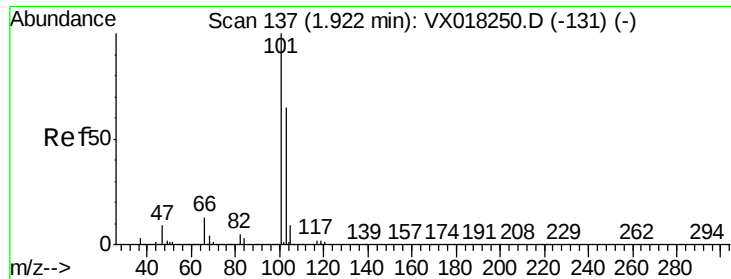
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0

1.65 1.70 1.75

Time-->



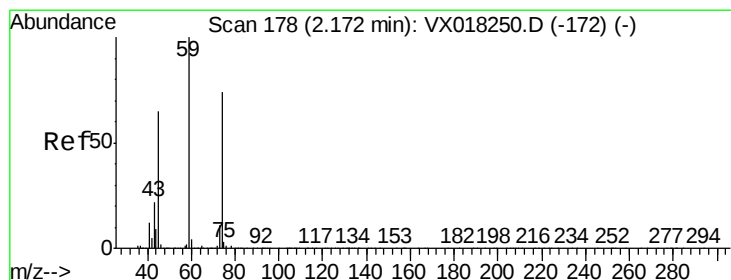
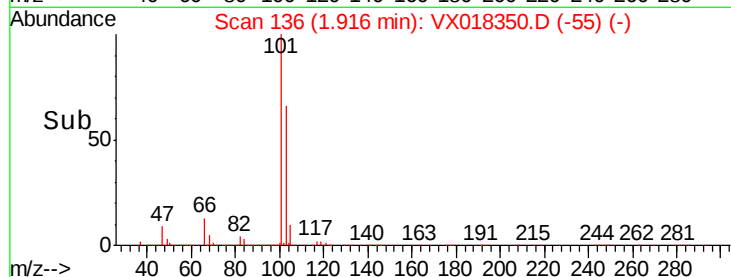
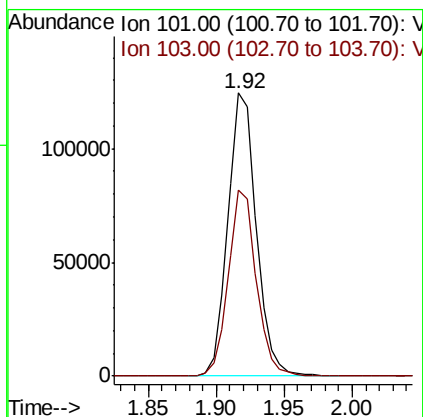
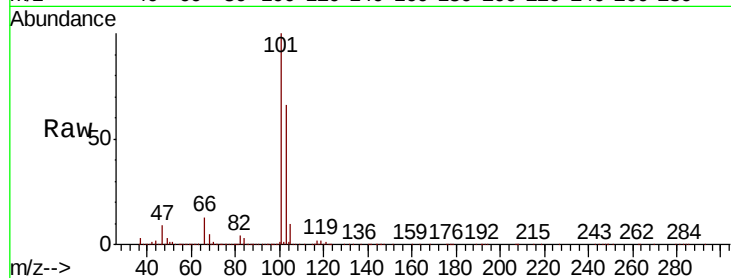


#7

Trichlorofluoromethane
Concen: 21.323 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

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MSVOA_X
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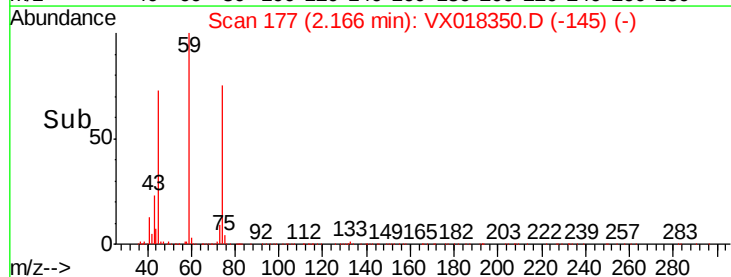
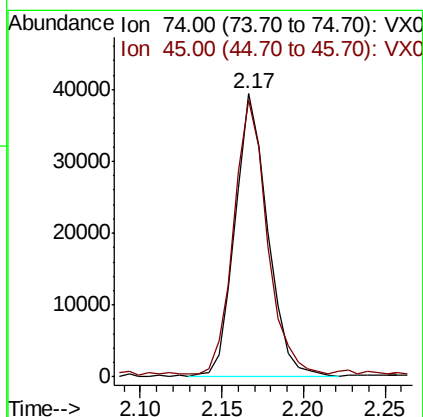
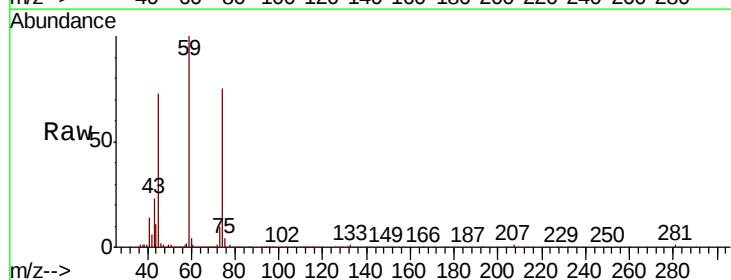
Tot Ion:101 Resp: 180895
Ion Ratio Lower Upper
101 100
103 66.0 52.3 78.5

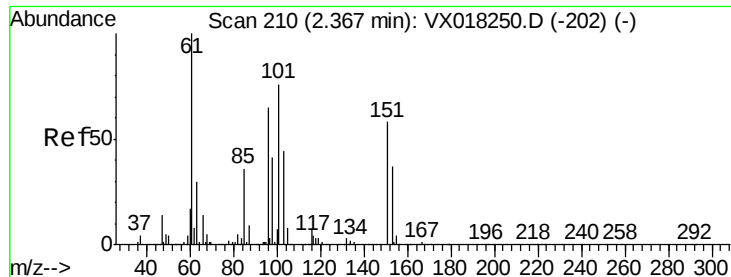


#8

Diethyl Ether
Concen: 20.502 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Tgt Ion: 74 Resp: 54835
Ion Ratio Lower Upper
74 100
45 99.9 20.5 184.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.413 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

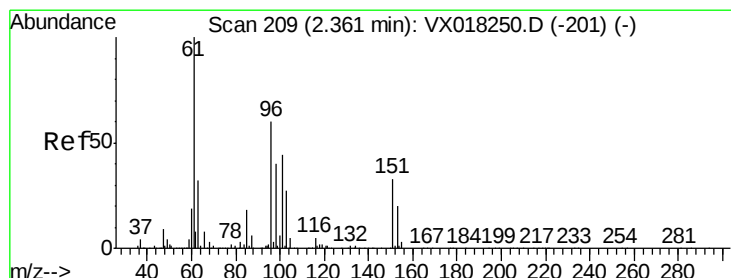
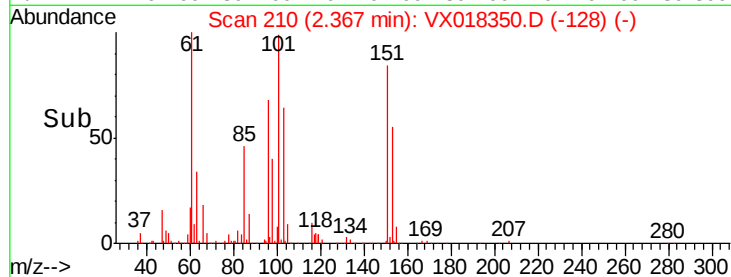
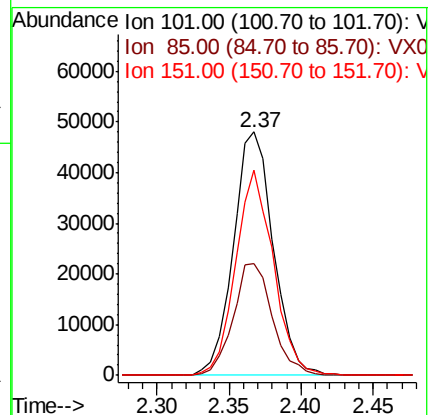
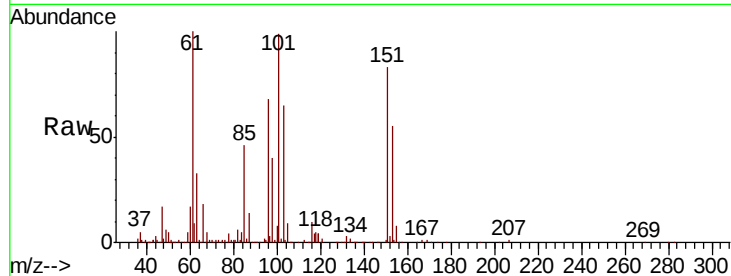
Tot Ion:101 Resp: 92814

Ion Ratio Lower Upper

101 100

85 45.1 0.0 87.8

151 79.4 0.0 161.4



#10

1,1-Dichloroethene

Concen: 19.662 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

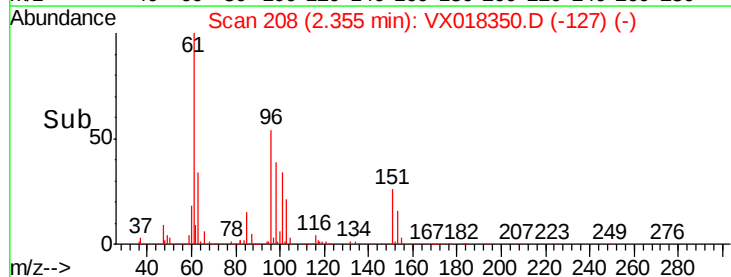
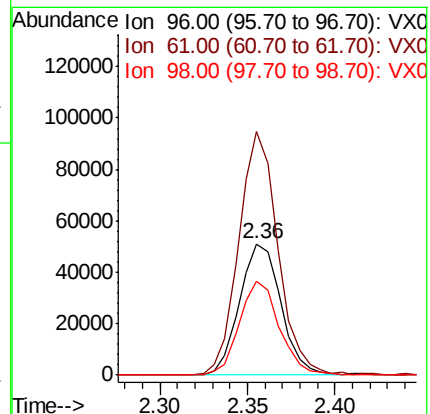
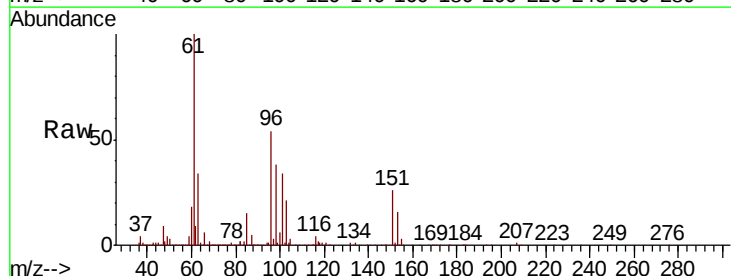
Tgt Ion: 96 Resp: 83660

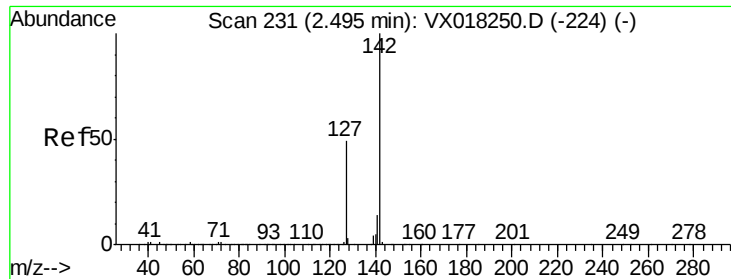
Ion Ratio Lower Upper

96 100

61 185.4 132.5 198.7

98 71.1 52.4 78.6

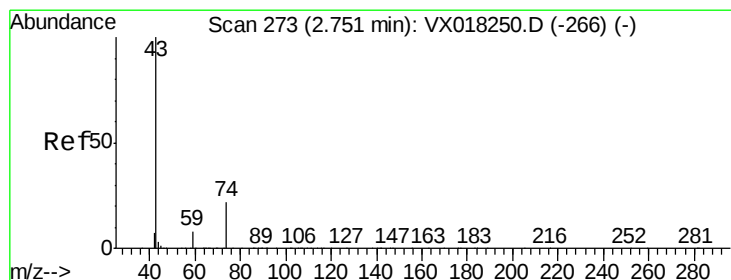
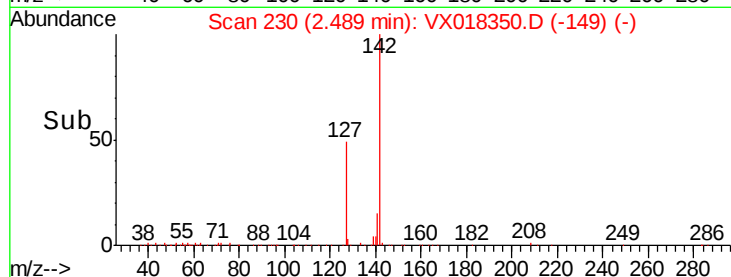
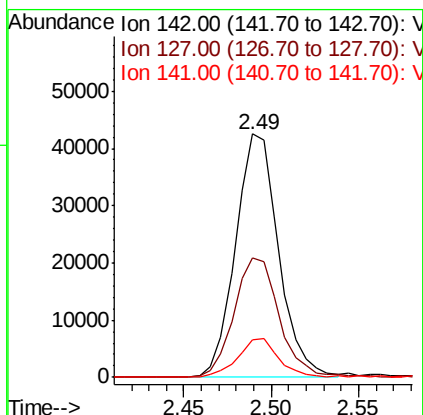
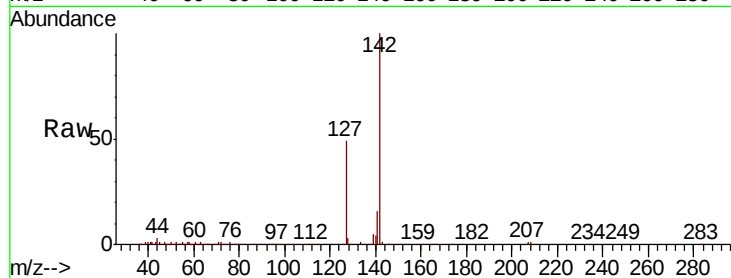




#11
Methvl Iodide
Concen: 18.855 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

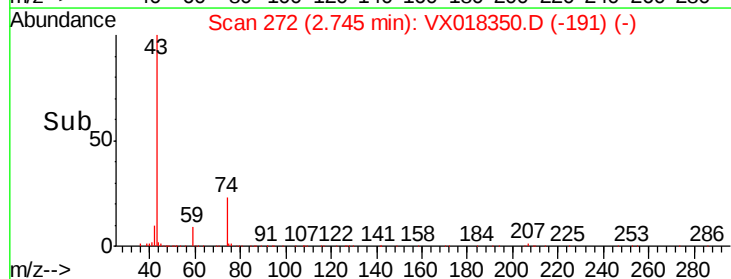
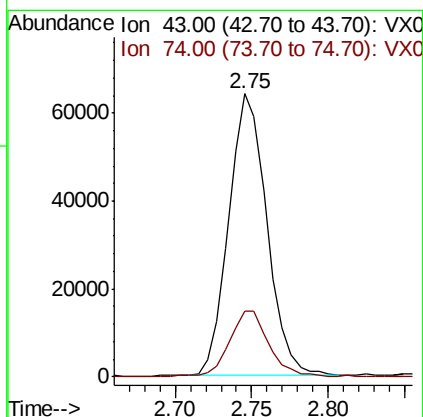
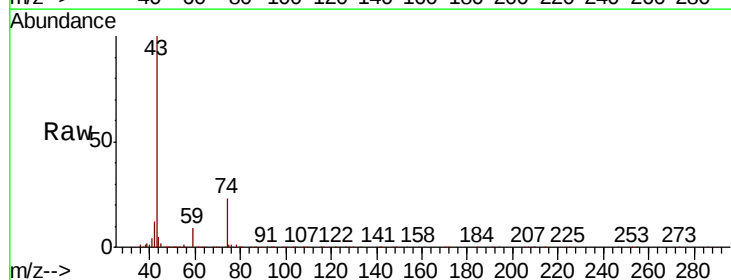
Instrument :
MSVOA_X
ClientSampled :

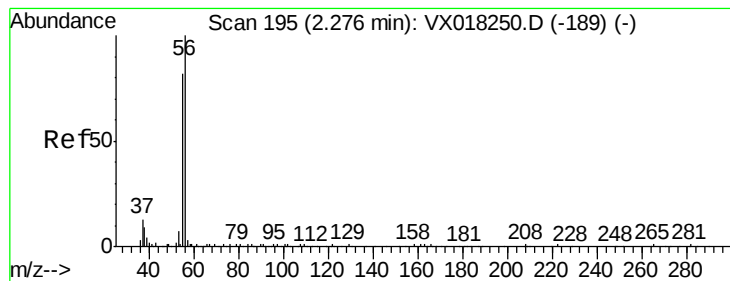
Tot Ion:142 Resp: 72816
Ion Ratio Lower Upper
142 100
127 48.9 24.6 74.0
141 15.3 7.0 21.0



#12
Methyl Acetate
Concen: 19.797 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Tgt Ion: 43 Resp: 110882
Ion Ratio Lower Upper
43 100
74 23.1 18.0 27.0





#13

Acrolein

Concen: 104.901 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

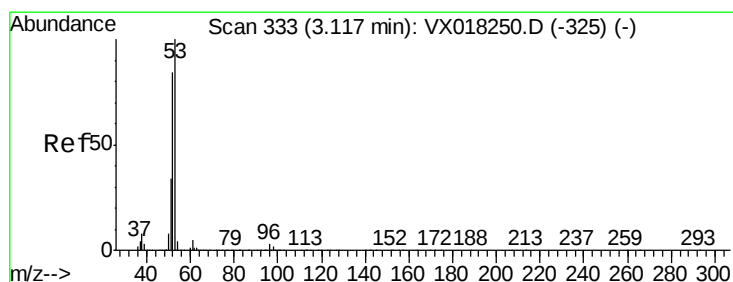
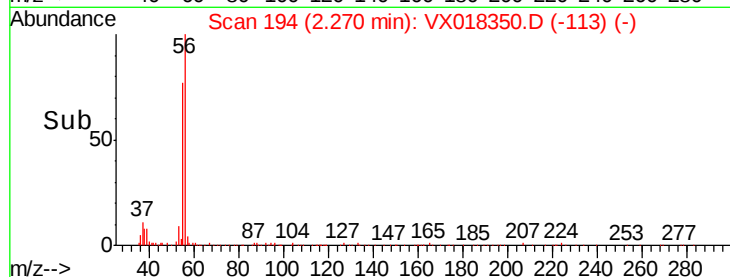
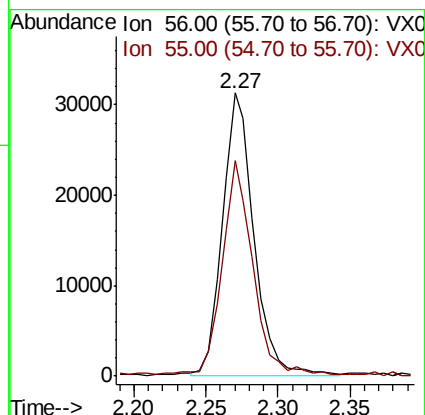
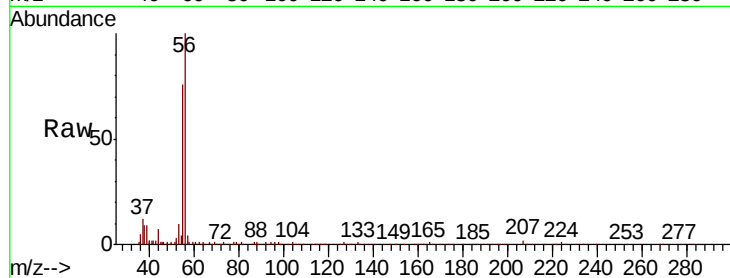
ClientSampleId :

Tot Ion: 56 Resp: 47417

Ion Ratio Lower Upper

56 100

55 69.4 59.7 89.5



#14

Acrylonitrile

Concen: 97.547 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

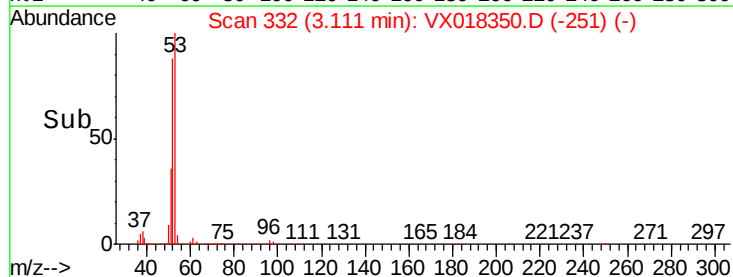
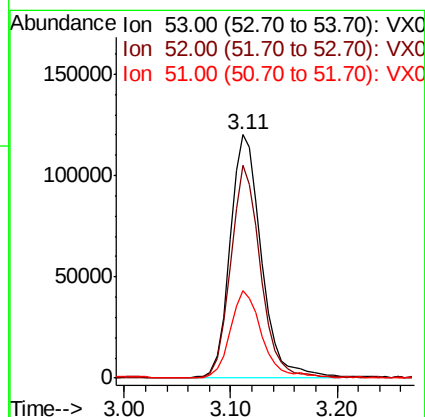
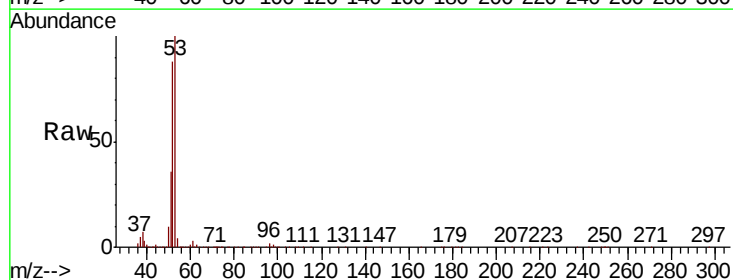
Tgt Ion: 53 Resp: 247560

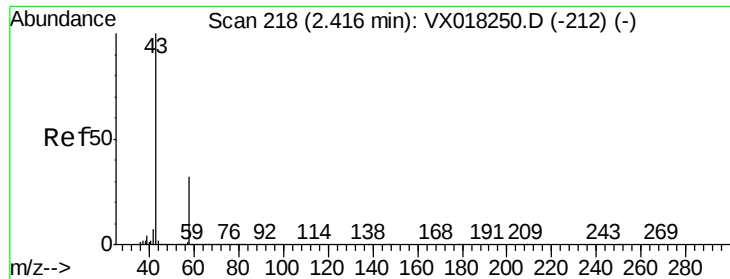
Ion Ratio Lower Upper

53 100

52 82.9 41.9 125.7

51 35.1 18.3 54.8





#15

Acetone

Concen: 100.749 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

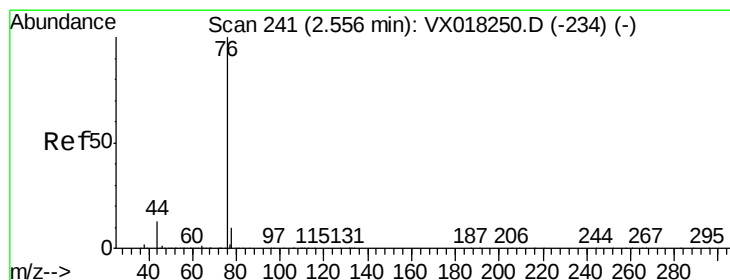
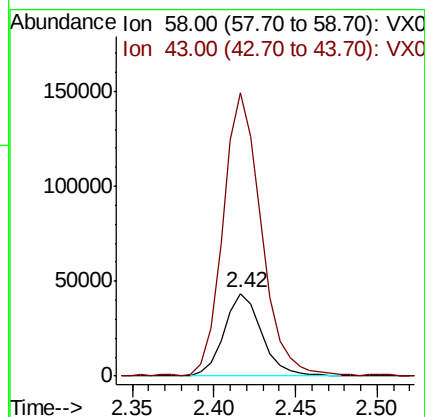
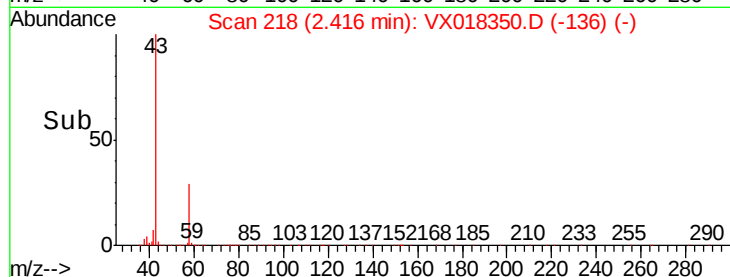
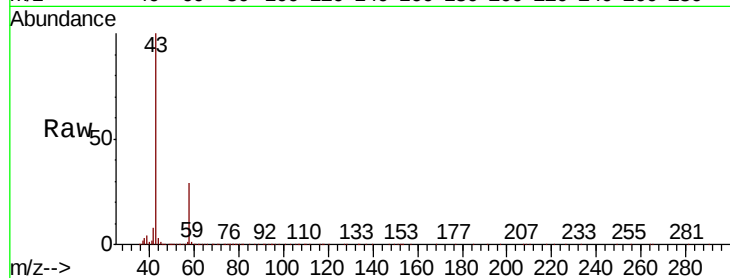
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 58 Resp: 69518

Ion Ratio Lower Upper

58 100

43 343.2 248.2 372.2



#16

Carbon Disulfide

Concen: 20.281 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.01 min

Lab File: VX018350.D

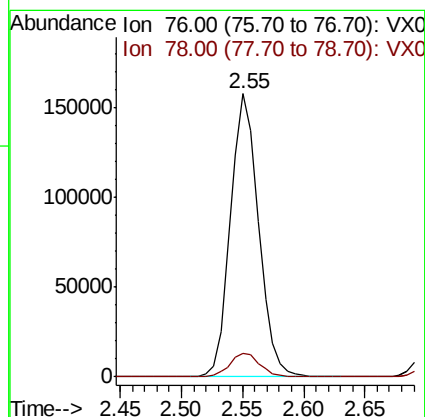
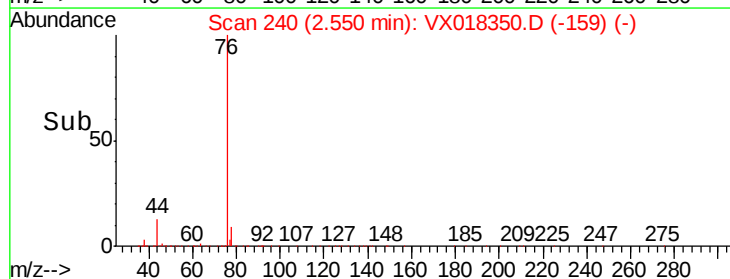
Acq: 11 Sep 2020 09:54

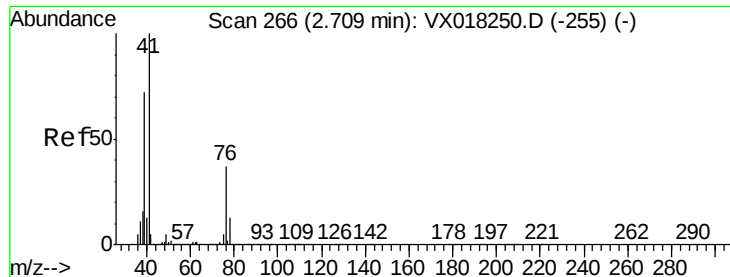
Tgt Ion: 76 Resp: 251270

Ion Ratio Lower Upper

76 100

78 8.4 7.8 11.6

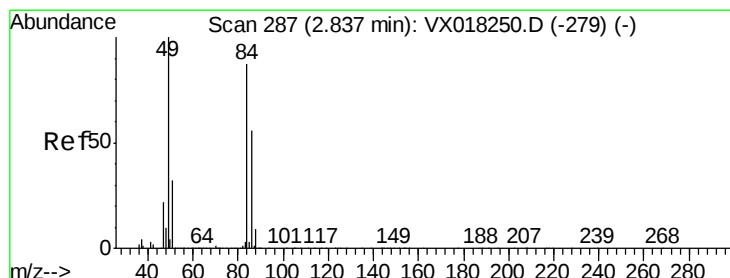
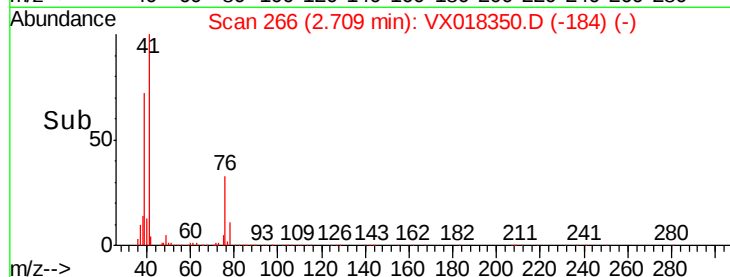
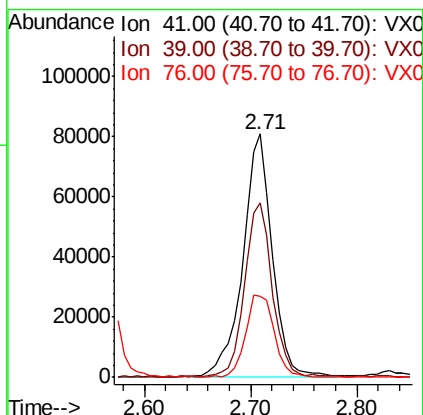
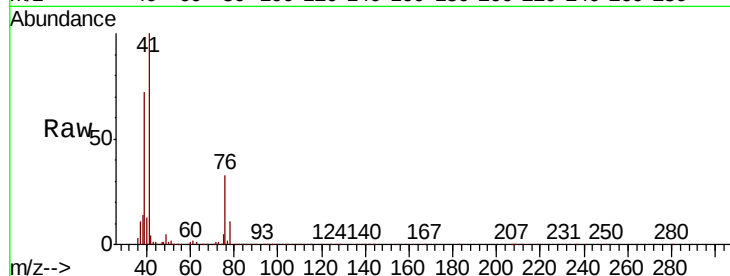




#17
Allvl chloride
Concen: 20.500 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

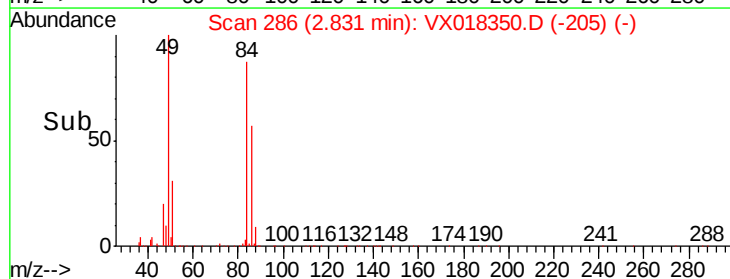
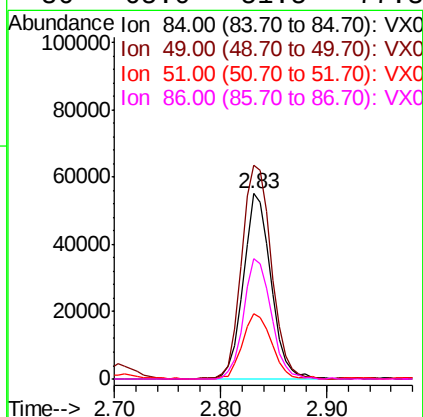
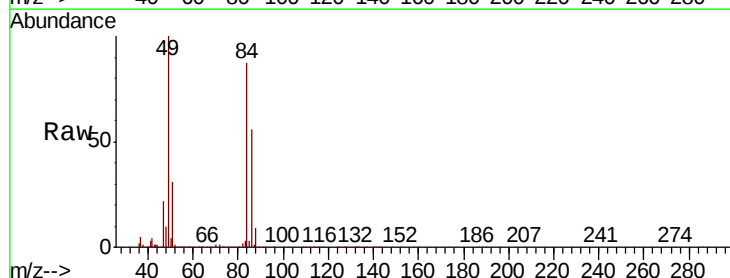
Instrument :
MSVOA_X
ClientSampleId :

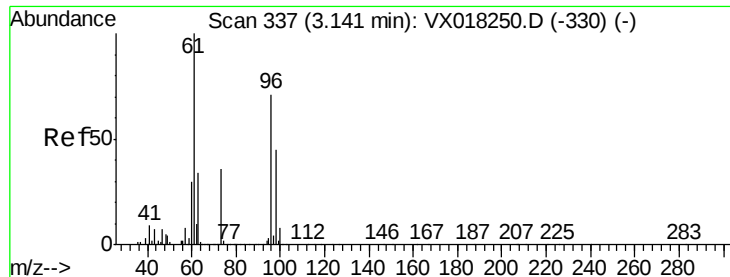
Tot Ion	Ratio	Lower	Upper
41	100		
39	71.3	36.0	108.1
76	33.3	18.6	55.6



#18
Methylene Chloride
Concen: 20.171 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.3	91.6	137.4
51	35.2	29.4	44.0
86	65.0	51.5	77.3





#19

trans-1,2-Dichloroethene

Concen: 21.106 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :

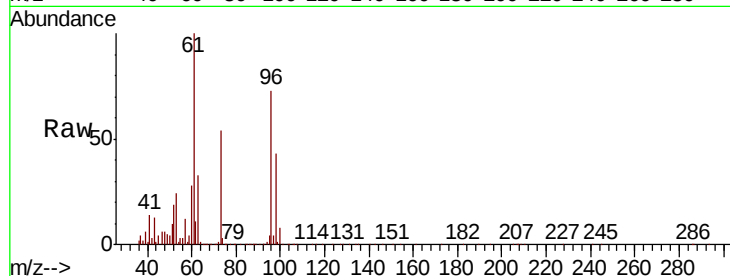
Tot Ion: 96 Resp: 99706

Ion Ratio Lower Upper

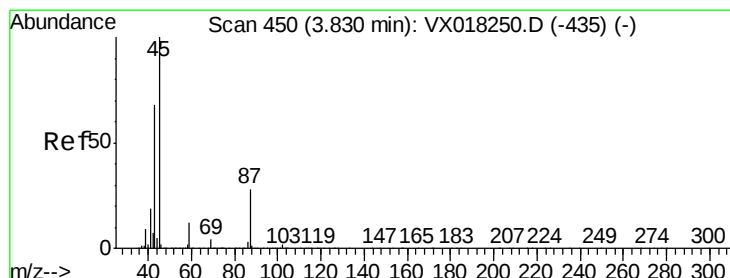
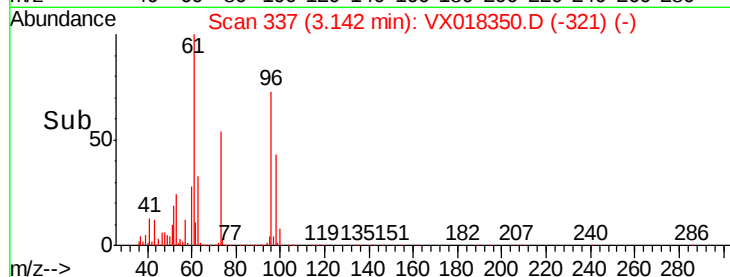
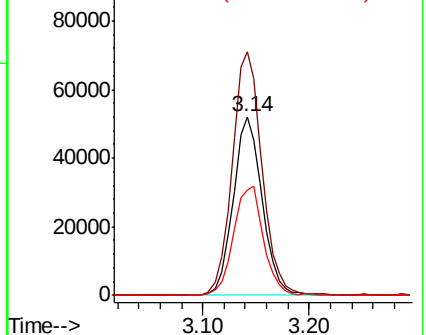
96 100

61 136.6 112.8 169.2

98 59.0 51.0 76.4



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 20.527 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Tgt Ion: 45 Resp: 309053

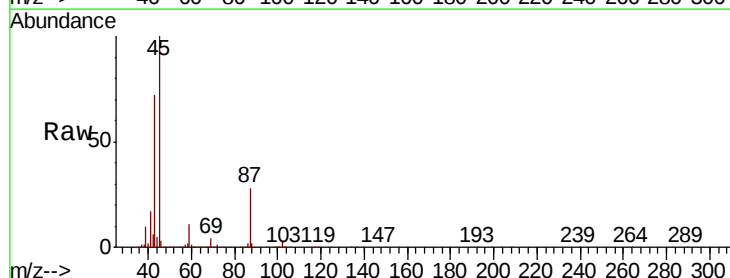
Ion Ratio Lower Upper

45 100

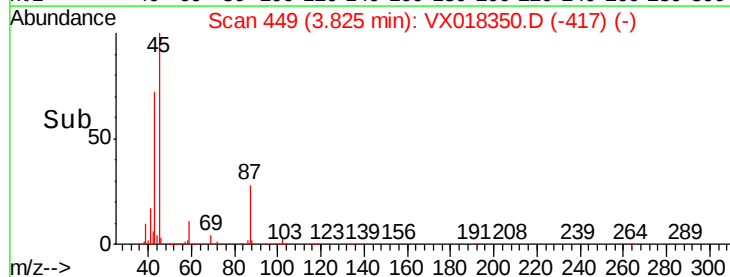
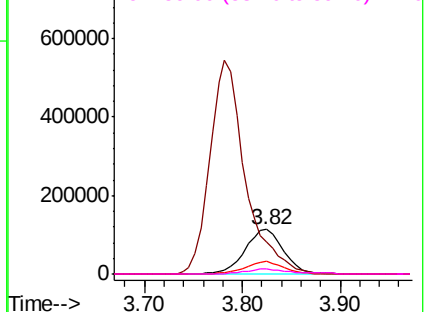
43 71.0 54.5 81.7

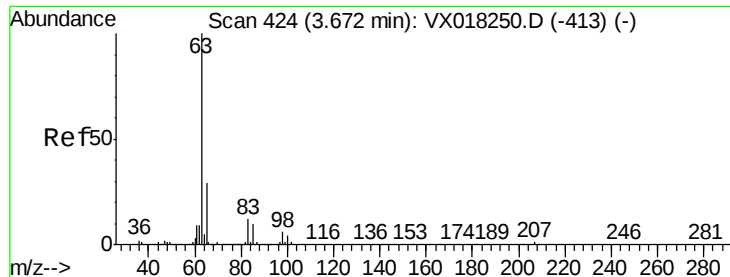
87 28.0 22.2 33.2

59 10.6 9.3 13.9



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





#21

1,1-Dichloroethane

Concen: 20.318 ug/l

RT: 3.67 min Scan# 423

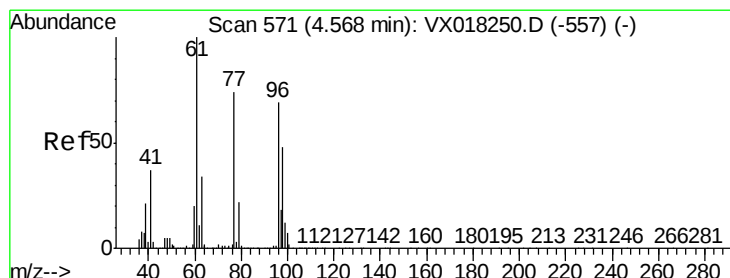
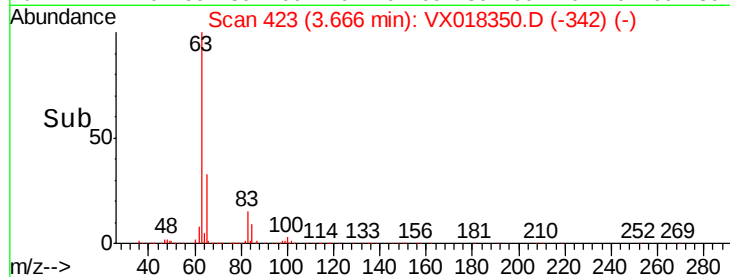
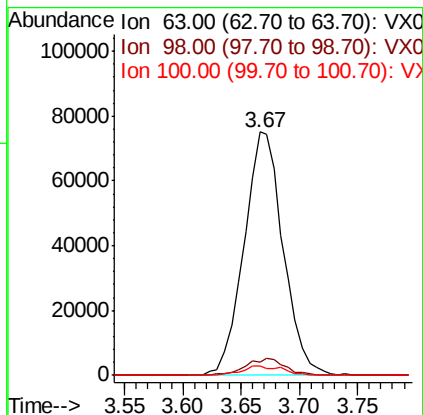
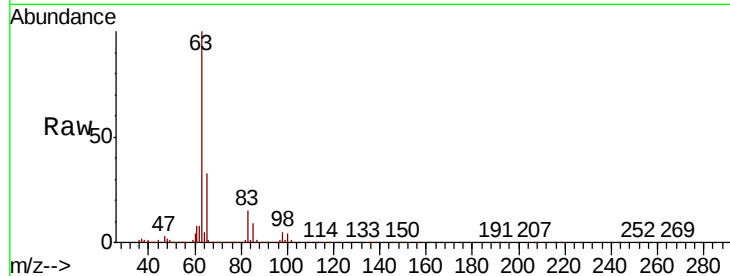
Delta R.T. -0.01 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	63	Resp:	175580
Ion	Ratio	Lower	Upper
63	100		
98	5.2	3.2	9.6
100	4.0	2.1	6.3



#22

cis-1,2-Dichloroethene

Concen: 20.533 ug/l

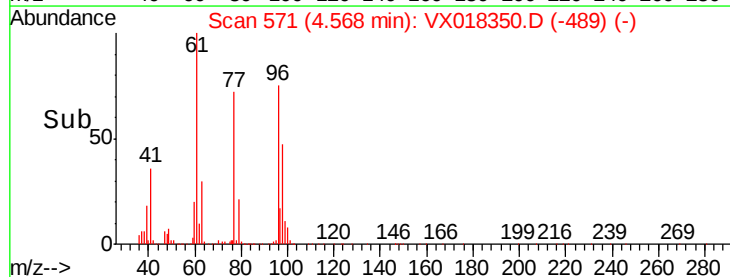
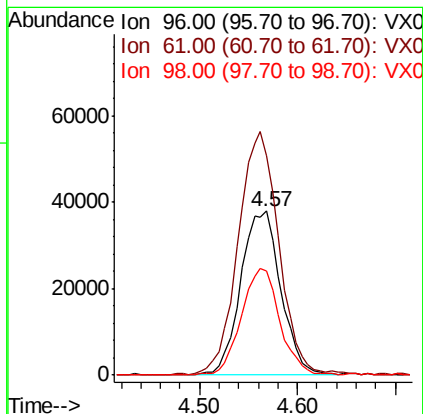
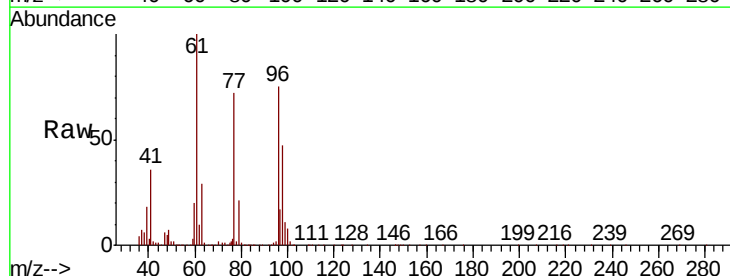
RT: 4.57 min Scan# 571

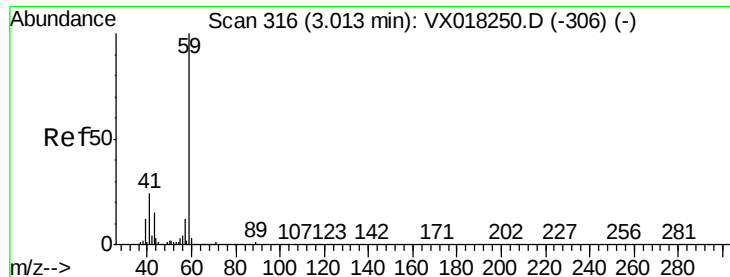
Delta R.T. 0.00 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Tgt Ion:	96	Resp:	107322
Ion	Ratio	Lower	Upper
96	100		
61	150.8	116.2	174.4
98	62.3	52.5	78.7



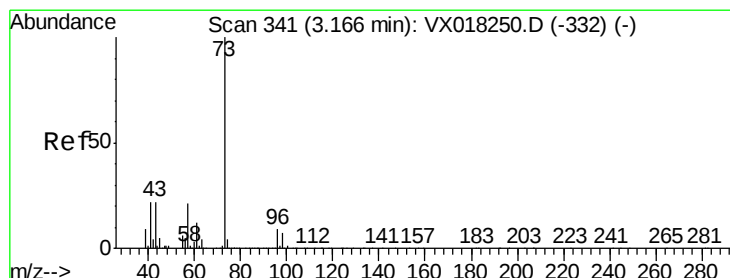
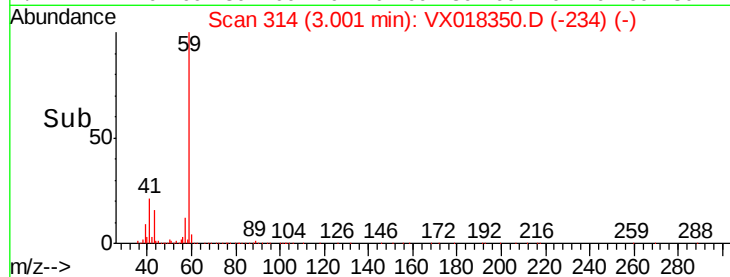
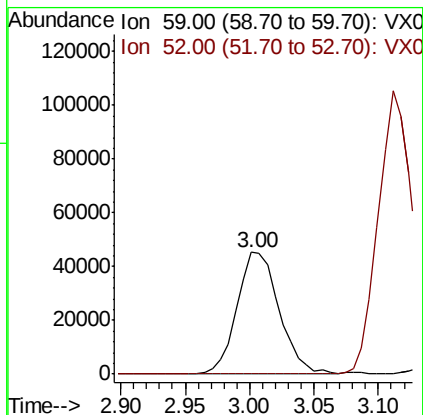
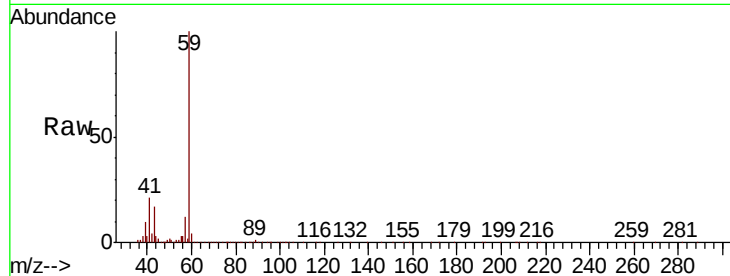


#23

tert-Butyl Alcohol
 Concen: 93.094 ug/l
 RT: 3.00 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX018350.D
 Acq: 11 Sep 2020 09:54

Instrument :
 MSVOA_X
 ClientSampled :

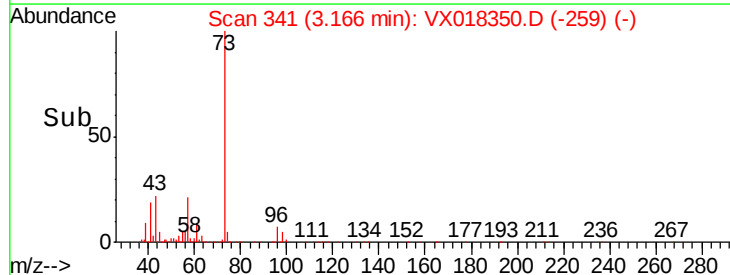
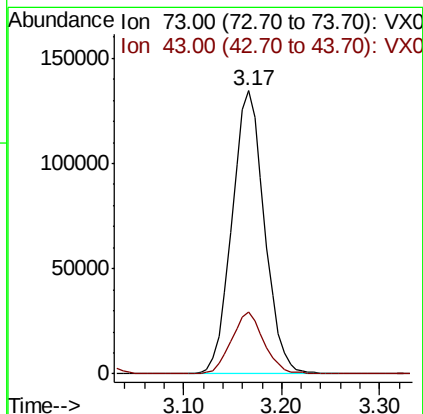
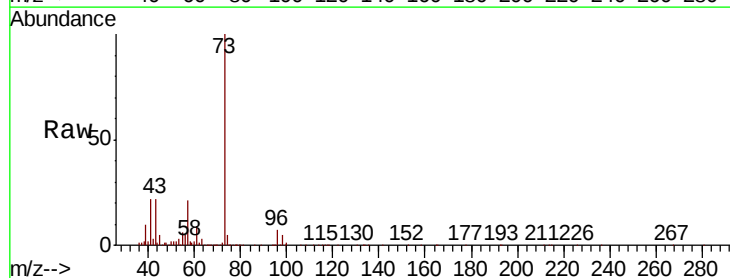
Tot Ion: 59 Resp: 102382
 Ion Ratio Lower Upper
 59 100
 52 0.4 0.4 0.6

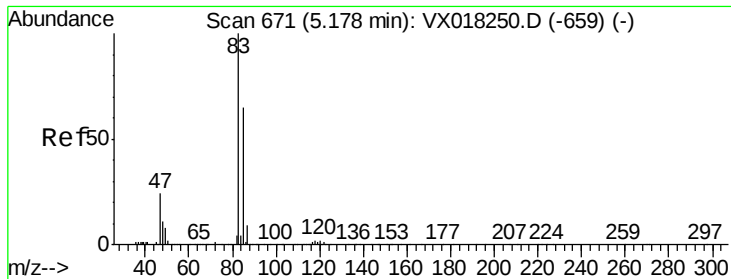


#24

Methyl tert-Butyl Ether
 Concen: 20.468 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018350.D
 Acq: 11 Sep 2020 09:54

Tgt Ion: 73 Resp: 309613
 Ion Ratio Lower Upper
 73 100
 43 21.5 17.8 26.6

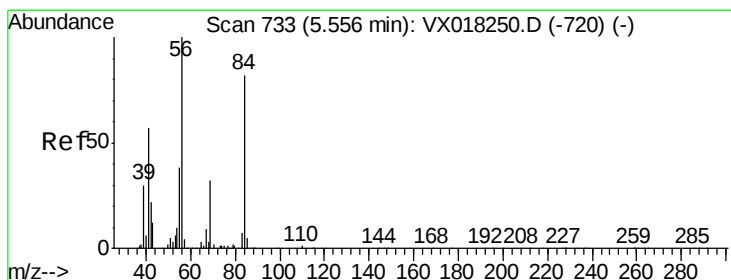
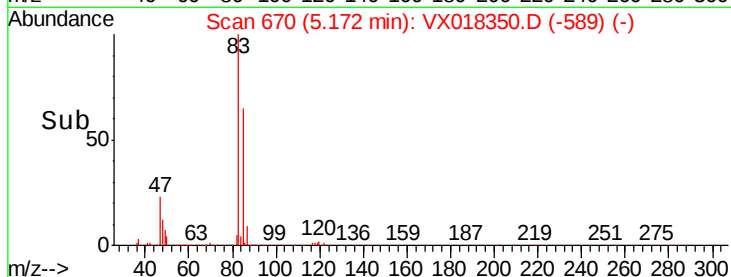
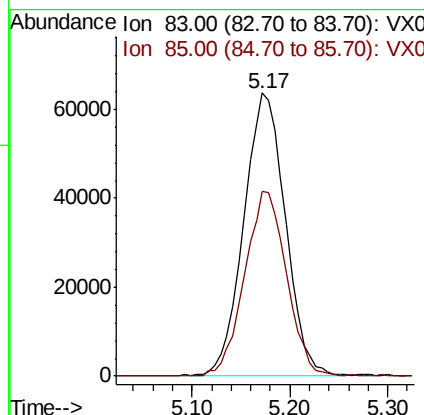
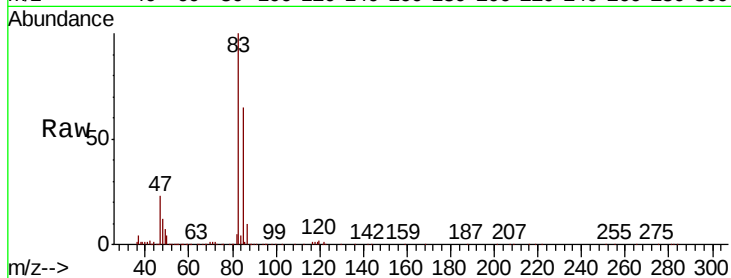




#25
Chloroform
Concen: 20.387 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

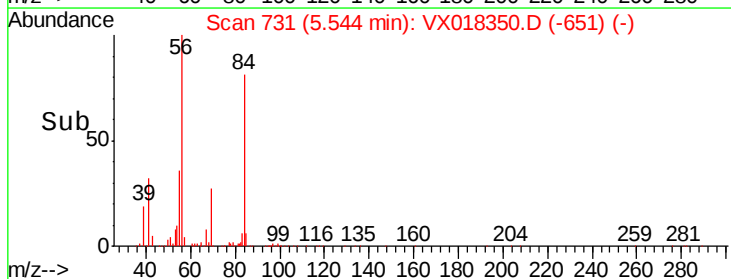
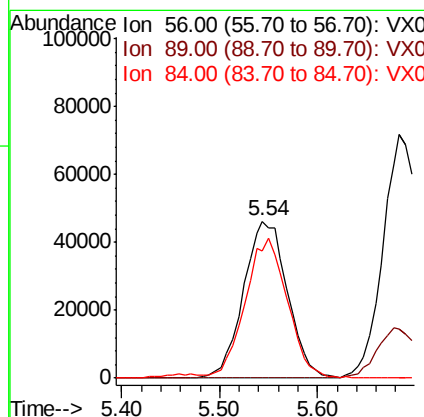
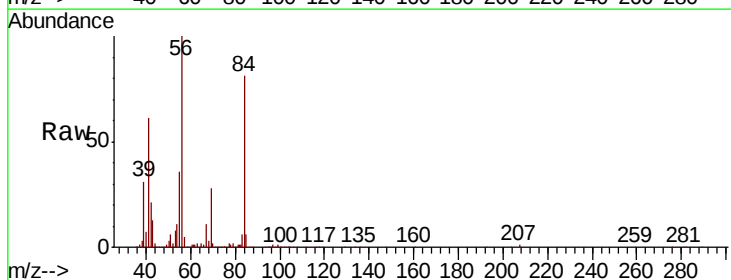
Instrument :
MSVOA_X
ClientSampleId :

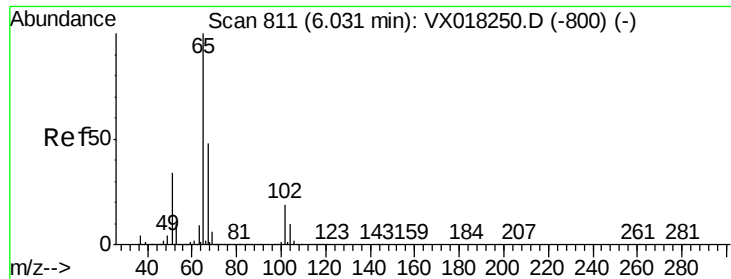
Tot Ion: 83 Resp: 188024
Ion Ratio Lower Upper
83 100
85 65.3 51.6 77.4



#26
Cyclohexane
Concen: 20.501 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Tgt Ion: 56 Resp: 142996
Ion Ratio Lower Upper
56 100
89 0.1 0.1 0.1#
84 85.8 41.0 61.4#





#27

1,2-Dichloroethane-d4

Concen: 29.462 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

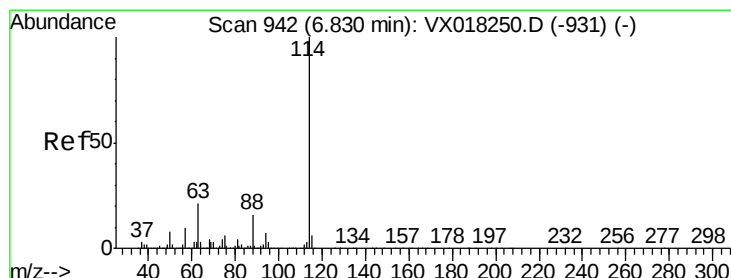
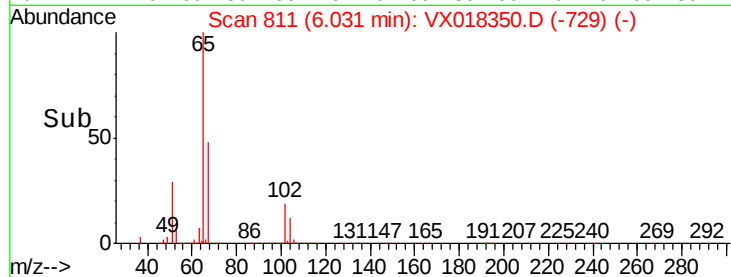
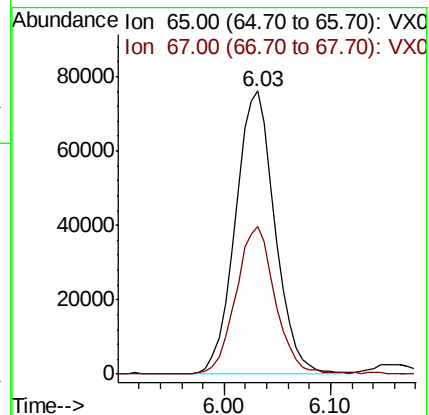
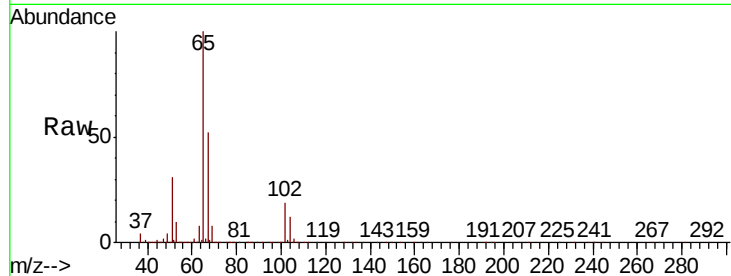
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 65 Resp: 196605

Ion Ratio Lower Upper

65 100

67 51.5 39.9 59.9



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

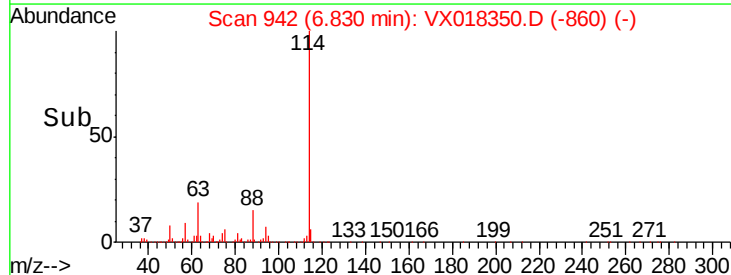
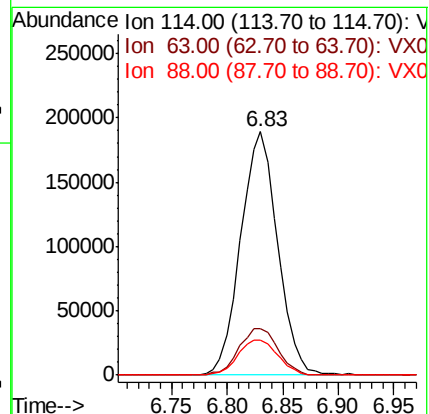
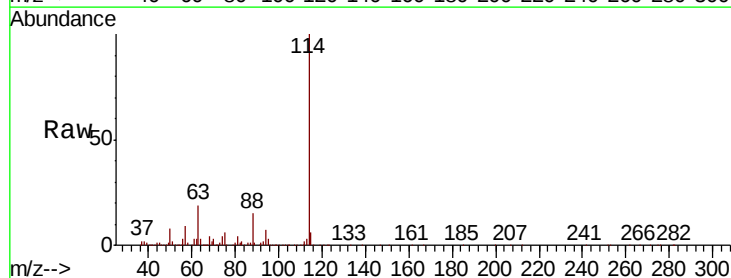
Tgt Ion: 114 Resp: 436274

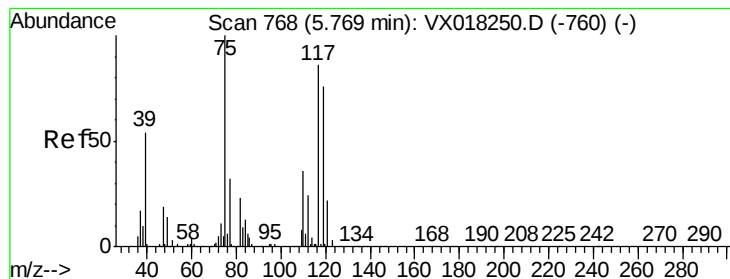
Ion Ratio Lower Upper

114 100

63 20.5 16.7 25.1

88 15.6 12.6 18.8





#29

1,1-Dichloropropene

Concen: 20.747 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

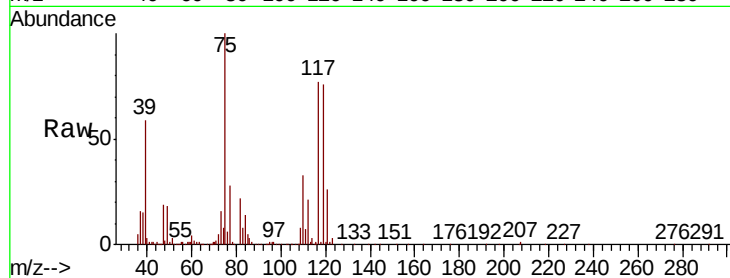
Tot Ion: 75 Resp: 138167

Ion Ratio Lower Upper

75 100

110 35.9 0.0 72.2

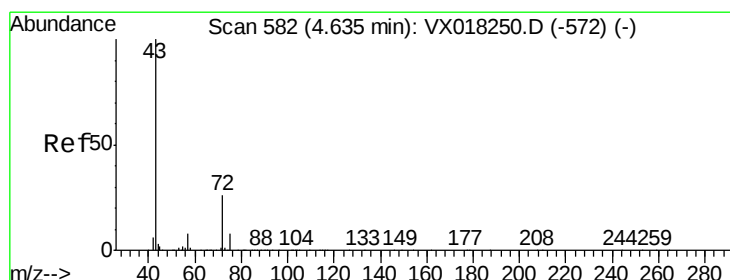
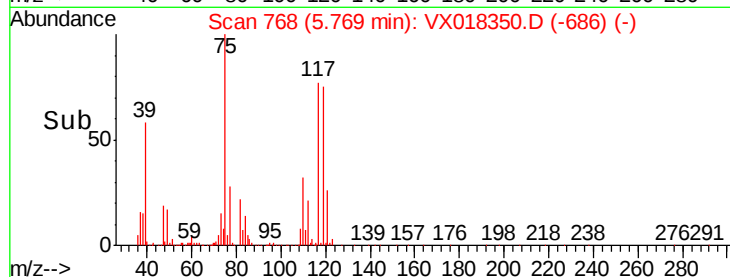
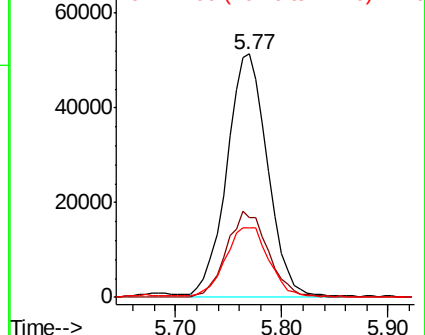
77 30.7 0.0 61.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 98.210 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

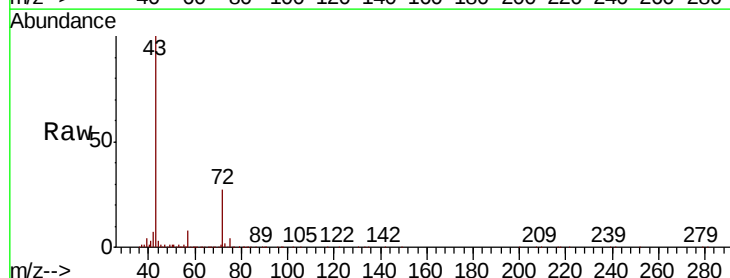
Tgt Ion: 43 Resp: 358115

Ion Ratio Lower Upper

43 100

57 8.5 6.7 10.1

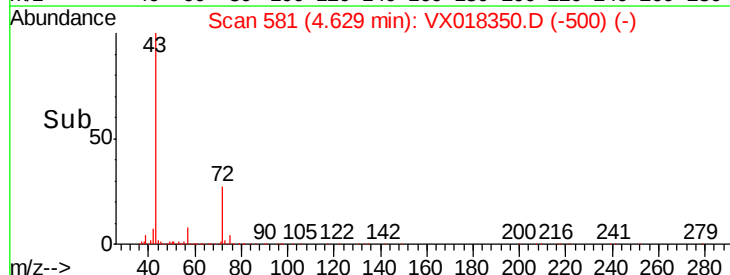
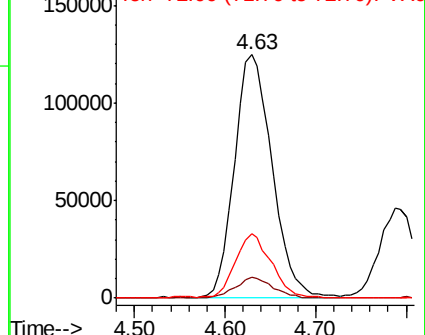
72 25.0 20.0 30.0

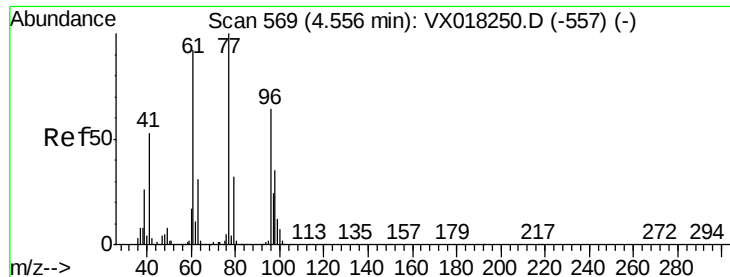


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 21.167 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

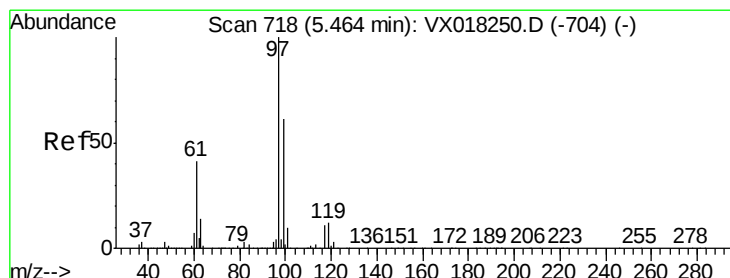
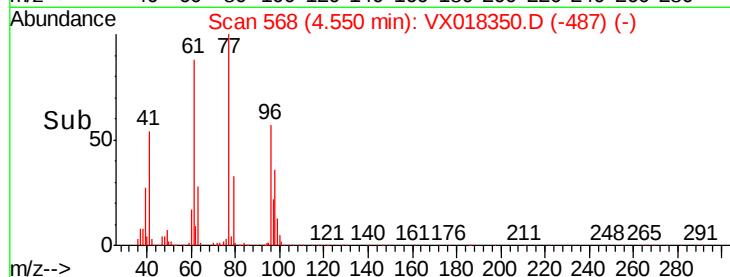
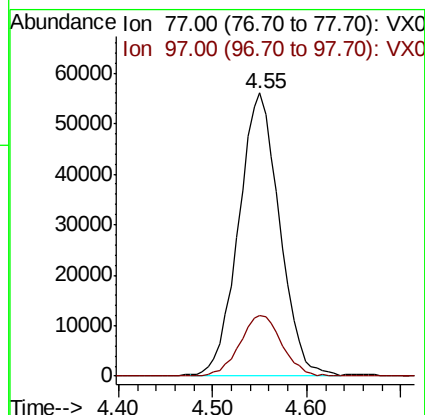
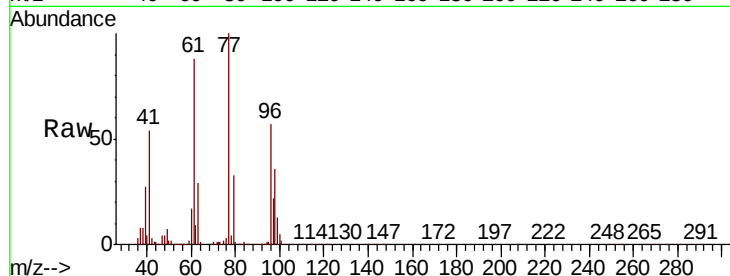
ClientSampled :

Tot Ion: 77 Resp: 170270

Ion Ratio Lower Upper

77 100

97 21.9 18.1 27.1



#32

1,1,1-Trichloroethane

Concen: 20.926 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

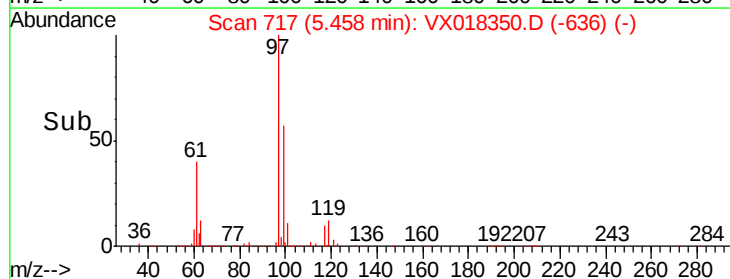
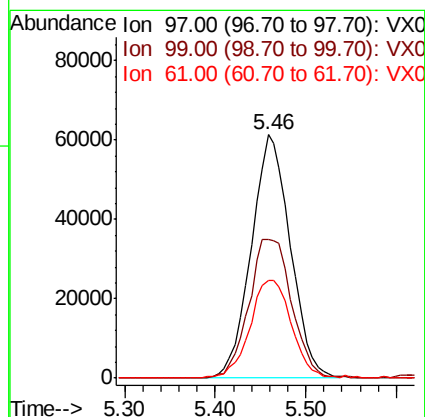
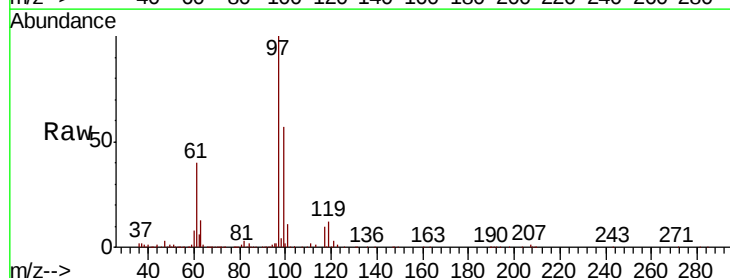
Tgt Ion: 97 Resp: 182412

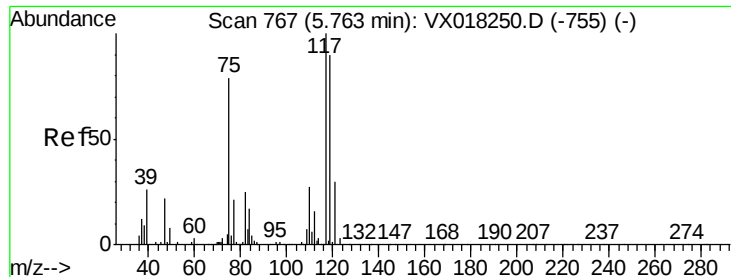
Ion Ratio Lower Upper

97 100

99 62.6 50.7 76.1

61 42.9 34.5 51.7





#33

Carbon Tetrachloride

Concen: 20.630 ug/l

RT: 5.76 min Scan# 766

Delta R.T. -0.01 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

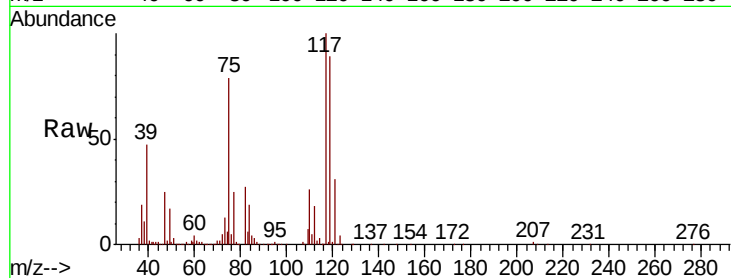
Tot Ion:117 Resp: 167573

Ion Ratio Lower Upper

117 100

119 89.2 72.3 108.5

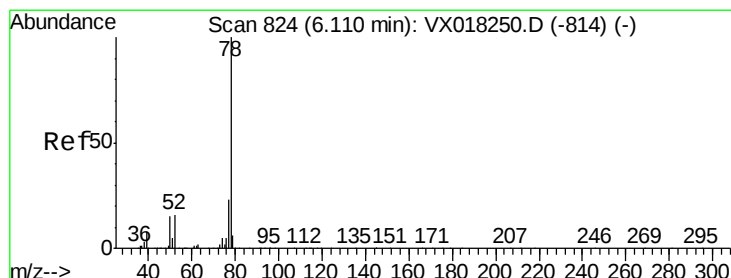
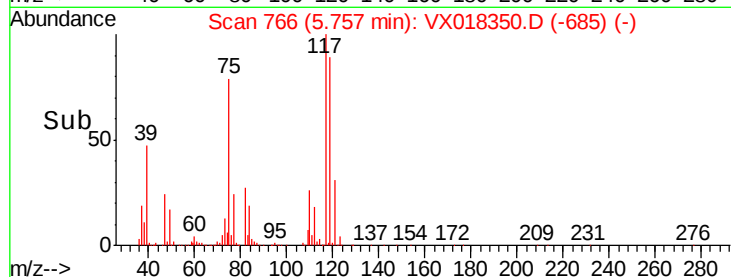
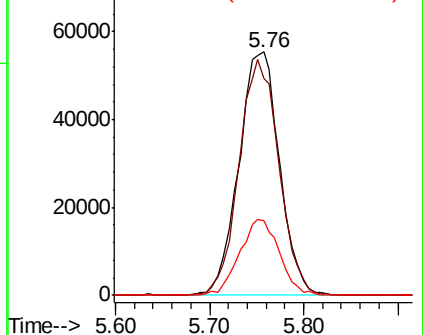
121 30.9 24.1 36.1



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 20.687 ug/l

RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

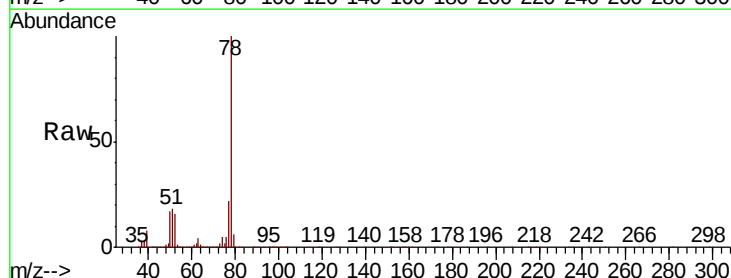
Tgt Ion: 78 Resp: 393249

Ion Ratio Lower Upper

78 100

77 21.8 18.3 27.5

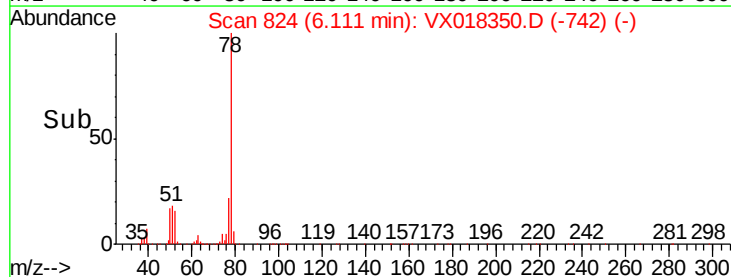
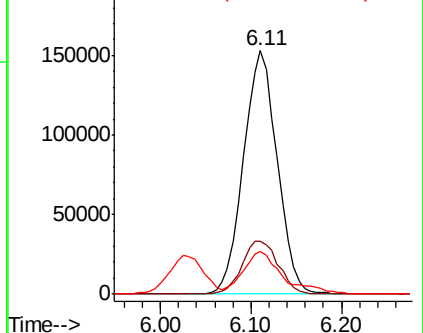
51 17.1 11.3 16.9#

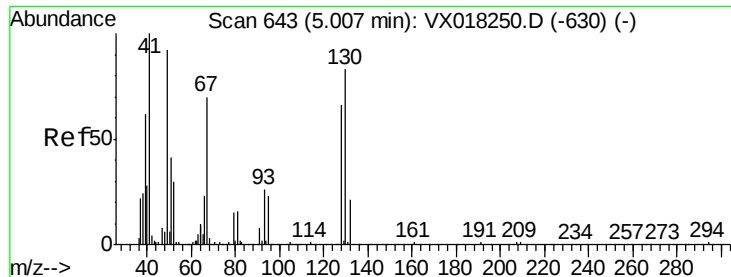


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

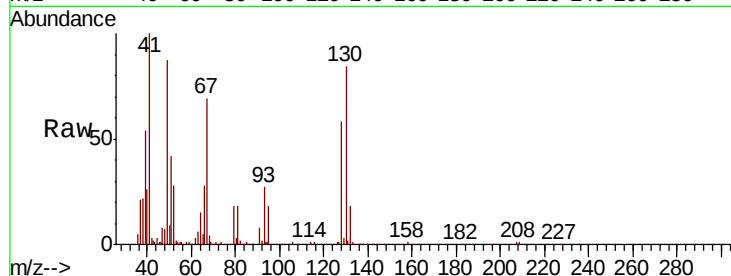




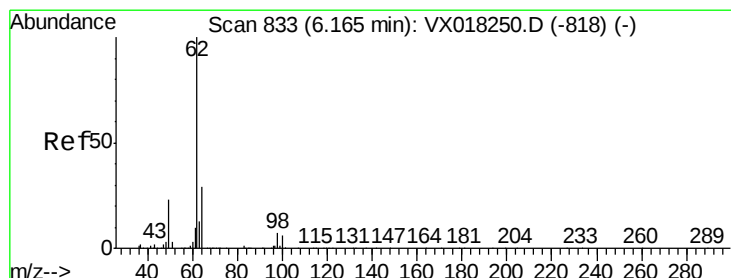
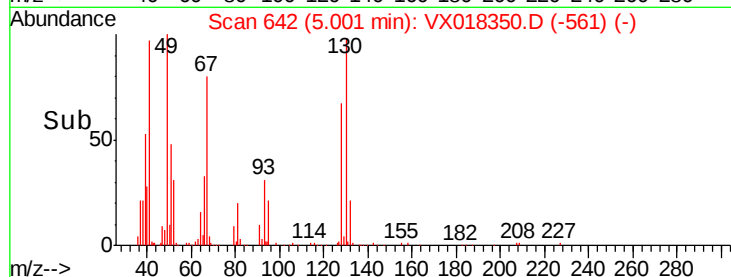
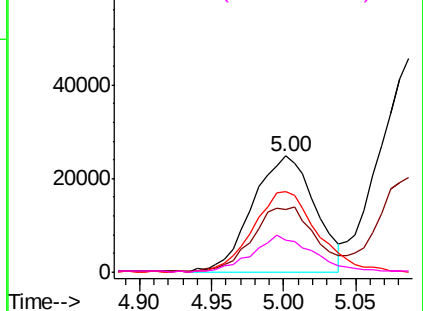
#35
Methacrylonitrile
Concen: 19.323 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	74256
Ion	Ratio	Lower	Upper
41	100		
39	54.0	31.3	93.9
67	69.7	35.4	106.2
52	27.9	14.9	44.5

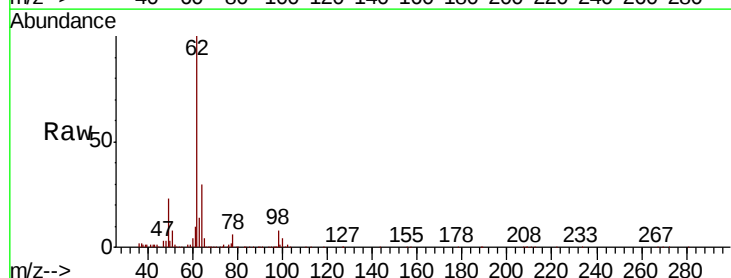


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

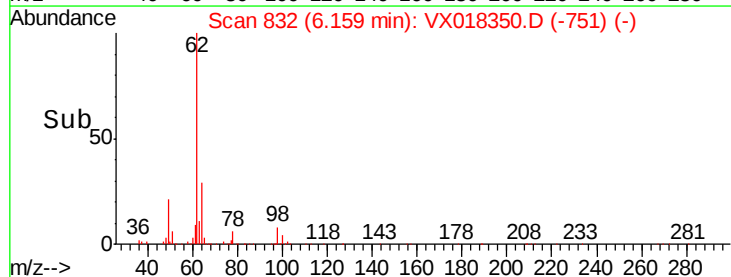
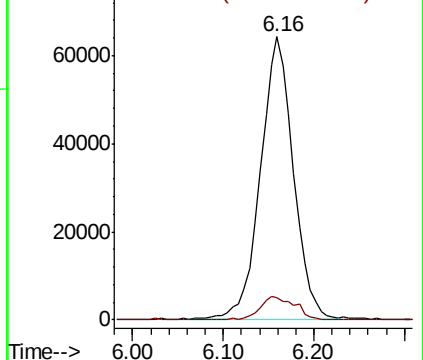


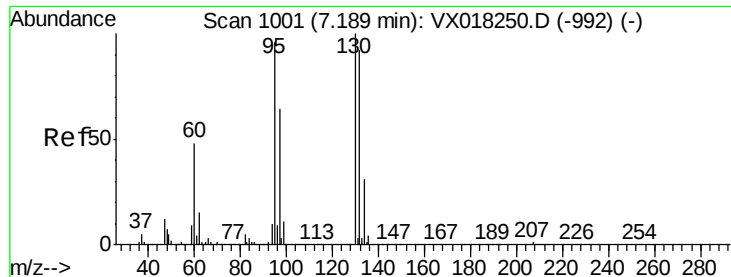
#36
1,2-Dichloroethane
Concen: 20.434 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Tgt Ion:	62	Resp:	160766
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	0.0#



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

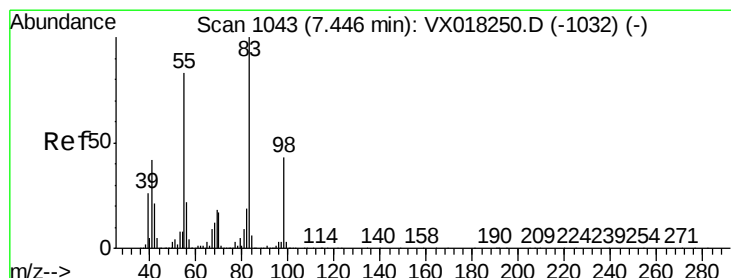
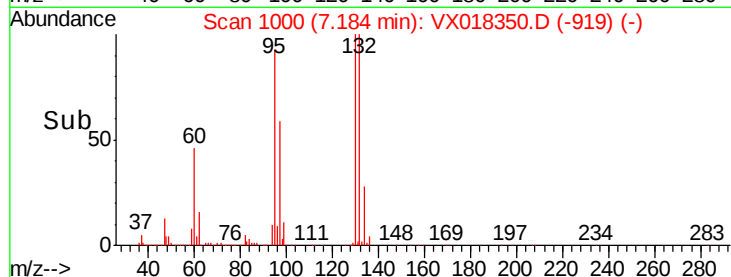
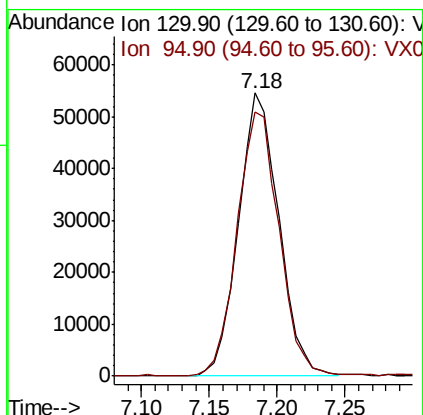
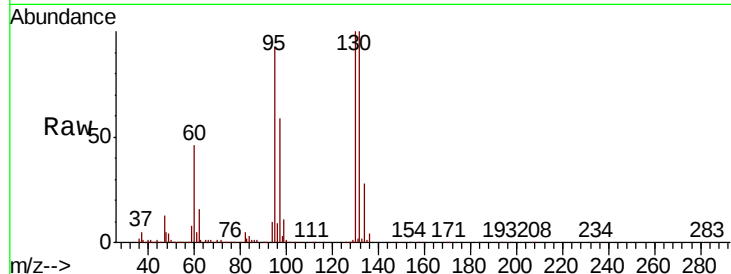




#37
 Trichloroethene
 Concen: 20.597 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX018350.D
 Acq: 11 Sep 2020 09:54

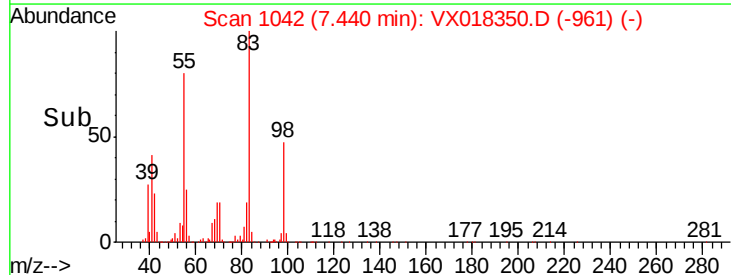
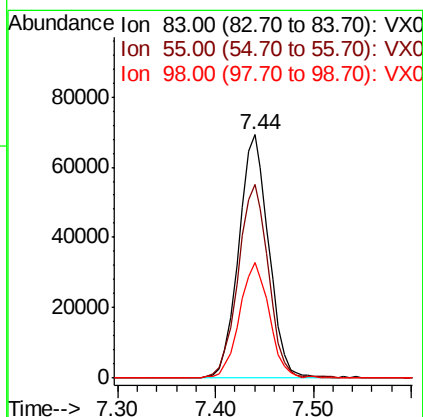
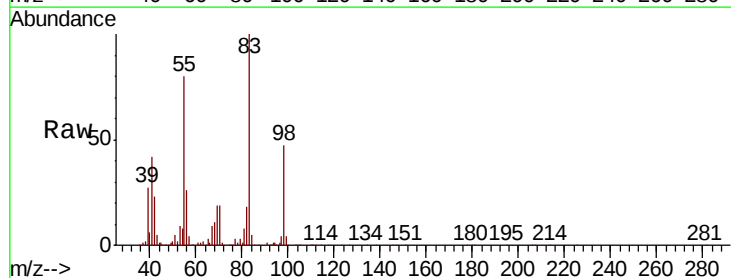
Instrument :
 MSVOA_X
 ClientSampleId :

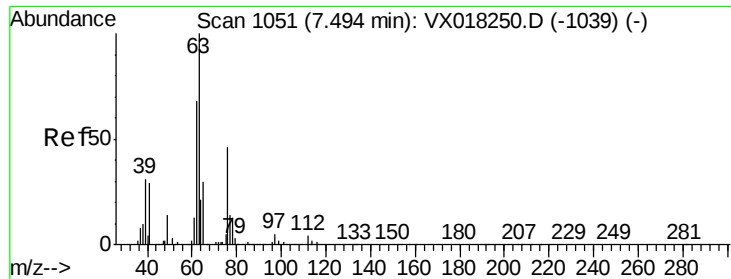
Tot Ion:130 Resp: 113221
 Ion Ratio Lower Upper
 130 100
 95 92.8 76.9 115.3



#38
 Methylcyclohexane
 Concen: 20.817 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX018350.D
 Acq: 11 Sep 2020 09:54

Tgt Ion: 83 Resp: 147668
 Ion Ratio Lower Upper
 83 100
 55 80.0 41.1 123.4
 98 46.7 24.0 72.0





#39

1,2-Dichloropropane

Concen: 19.671 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

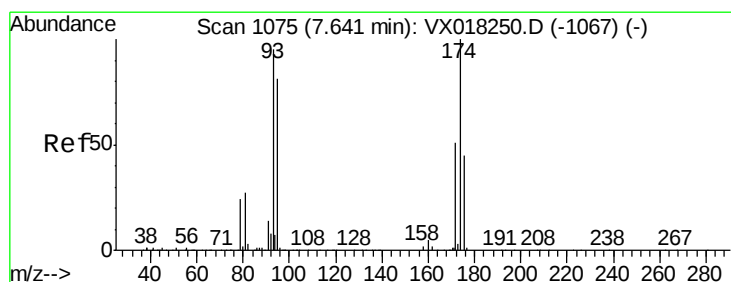
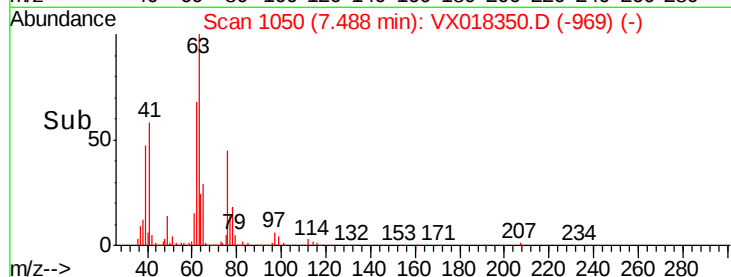
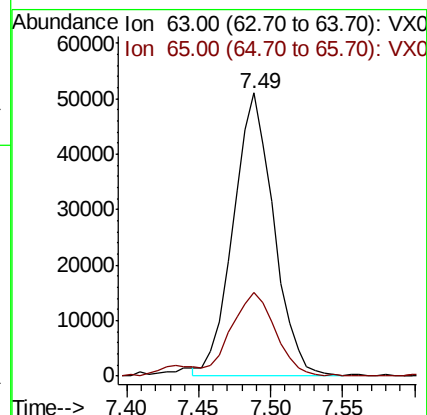
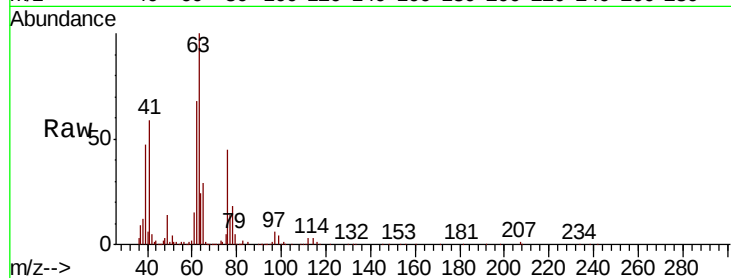
ClientSampled :

Tot Ion: 63 Resp: 100156

Ion Ratio Lower Upper

63 100

65 29.3 25.7 38.5



#40

Dibromomethane

Concen: 19.972 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

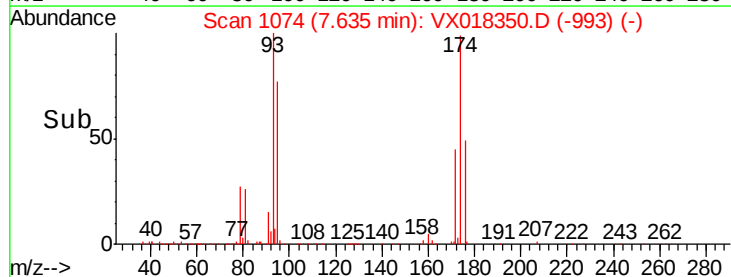
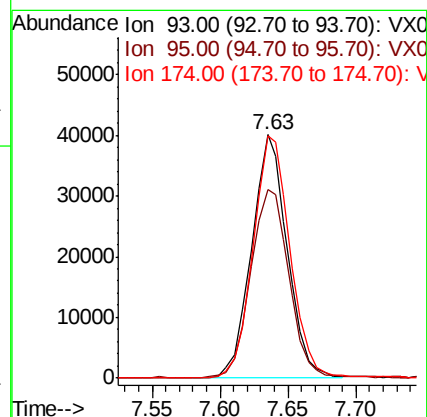
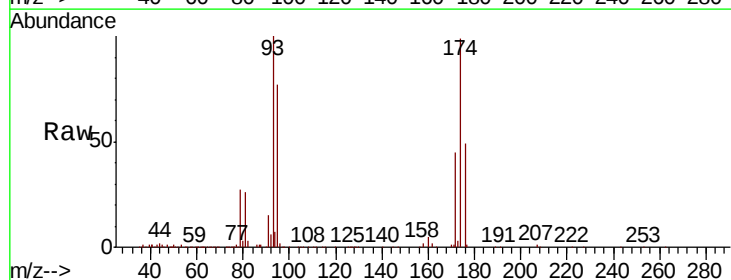
Tgt Ion: 93 Resp: 73432

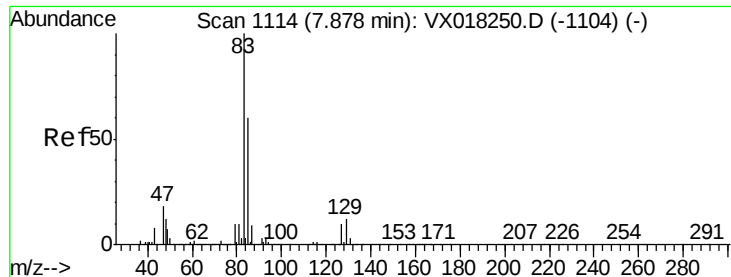
Ion Ratio Lower Upper

93 100

95 82.9 0.0 167.0

174 103.3 0.0 202.0





#41

Bromodichloromethane

Concen: 20.225 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :

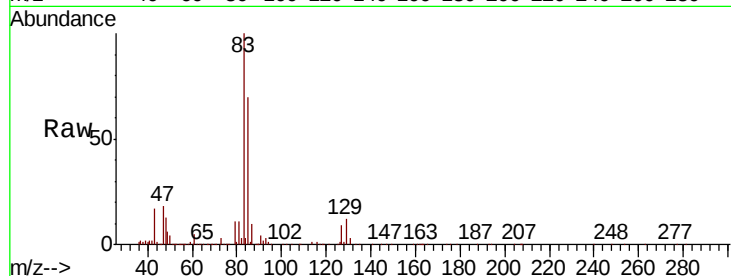
Tot Ion: 83 Resp: 154117

Ion Ratio Lower Upper

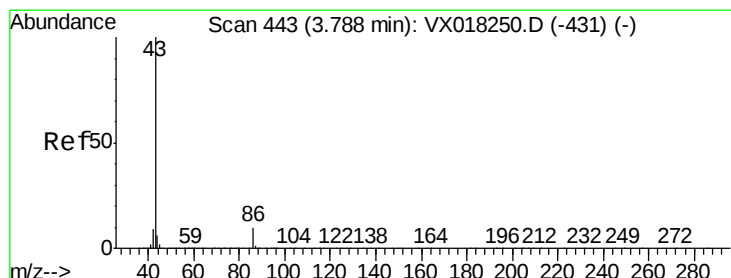
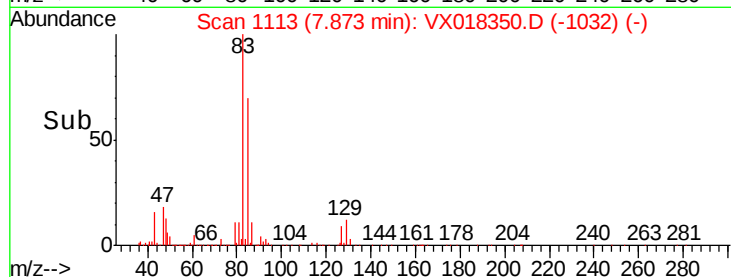
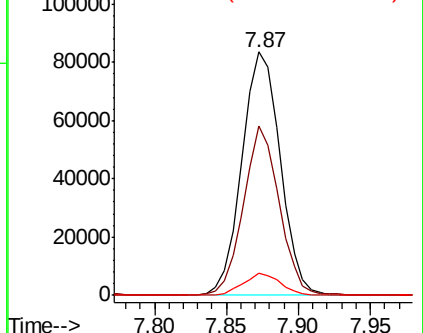
83 100

85 69.5 48.2 72.2

127 8.9 8.0 12.0



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 100.373 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018350.D

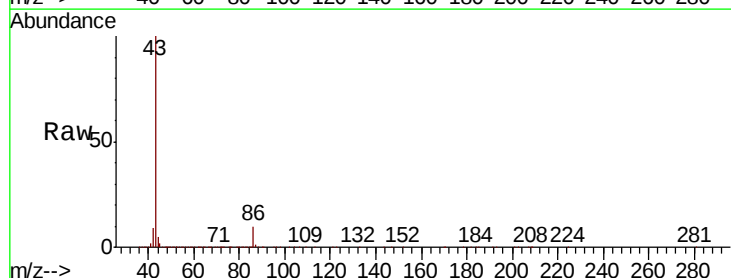
Acq: 11 Sep 2020 09:54

Tgt Ion: 43 Resp: 1365514

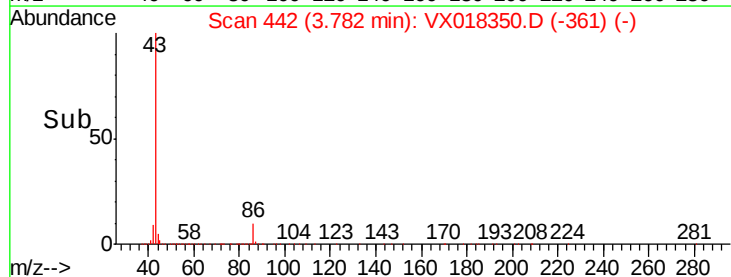
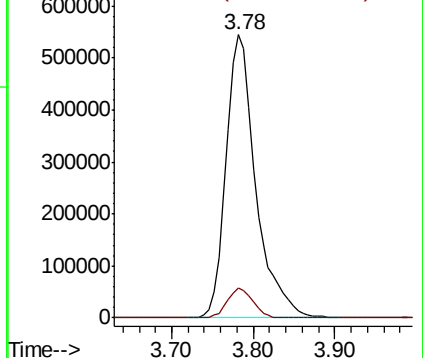
Ion Ratio Lower Upper

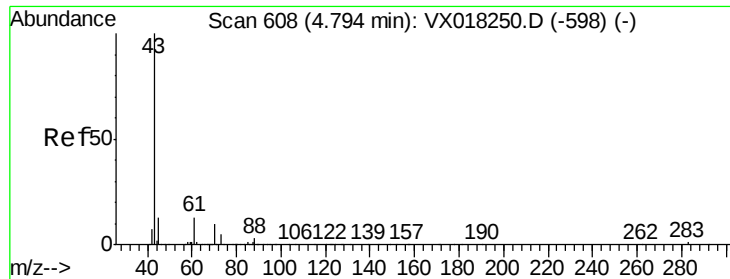
43 100

86 9.2 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0

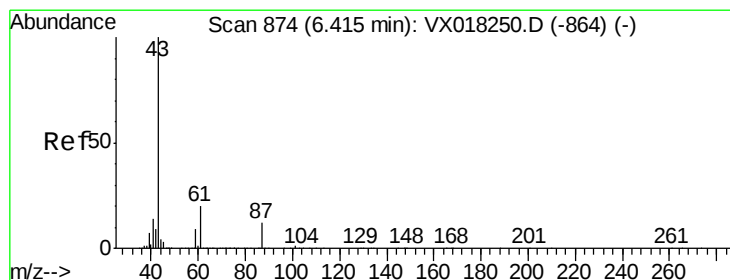
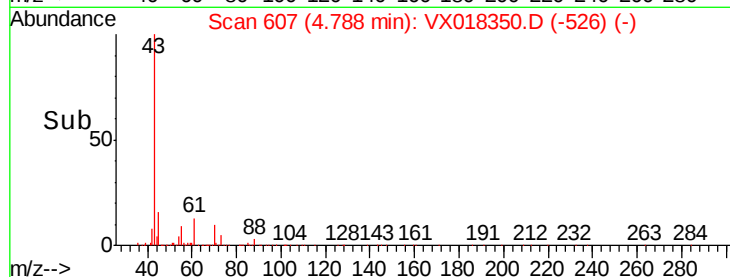
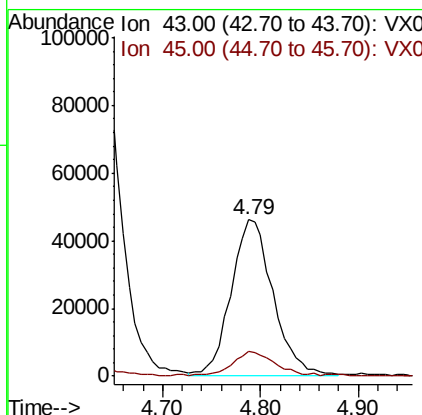
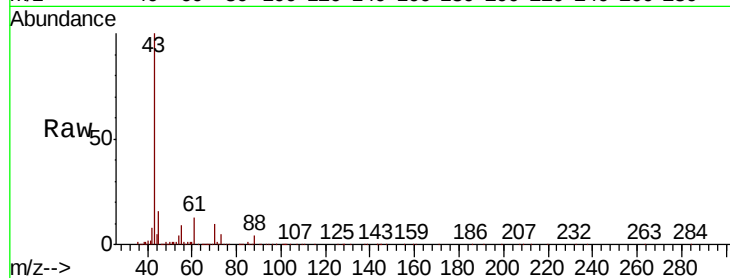




#43
Ethyl Acetate
Concen: 18.815 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

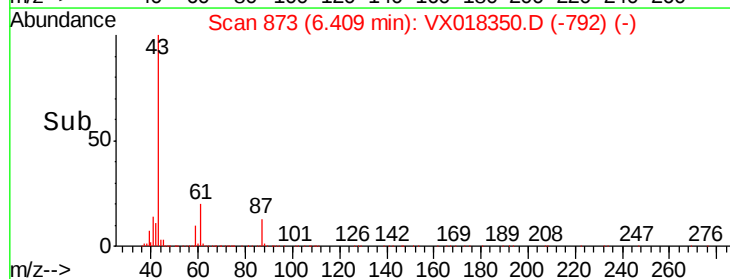
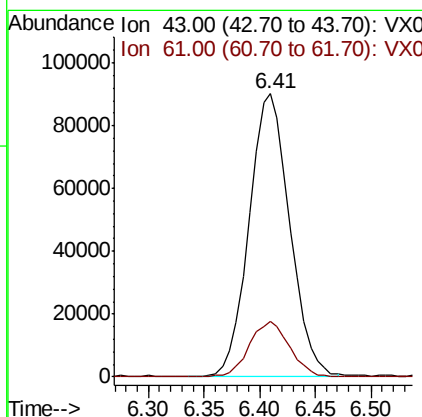
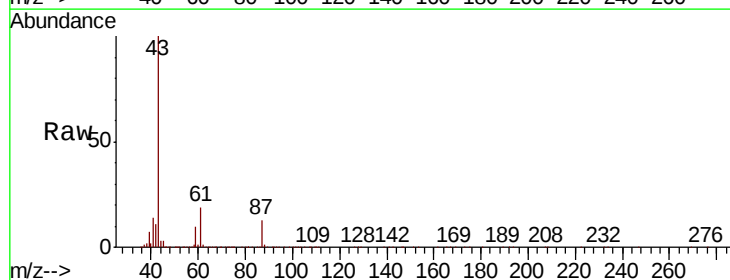
Instrument :
MSVOA_X
ClientSampleId :

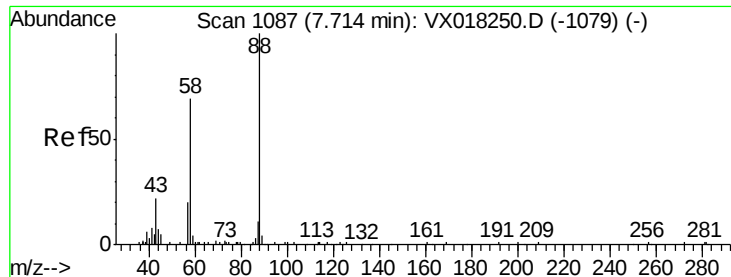
Tot Ion: 43 Resp: 136422
Ion Ratio Lower Upper
43 100
45 15.0 11.2 16.8



#44
Isopropyl Acetate
Concen: 19.485 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Tgt Ion: 43 Resp: 227685
Ion Ratio Lower Upper
43 100
61 19.4 14.6 22.0





#45

1,4-Dioxane

Concen: 397.837 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX018350.D

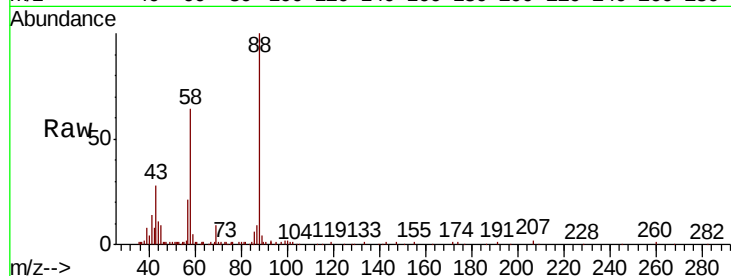
Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

ClientSampled :

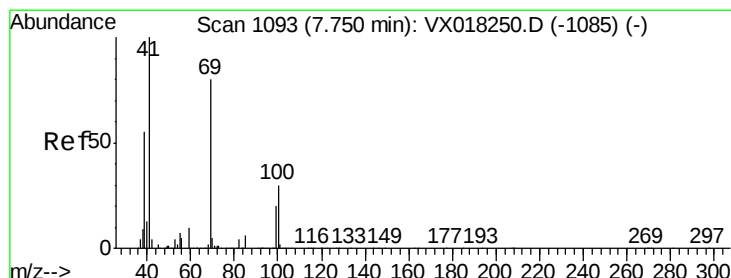
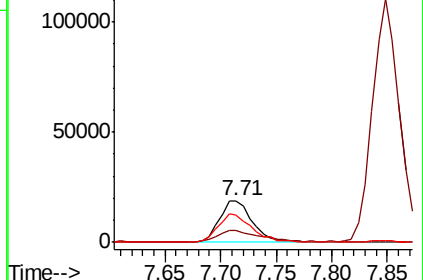
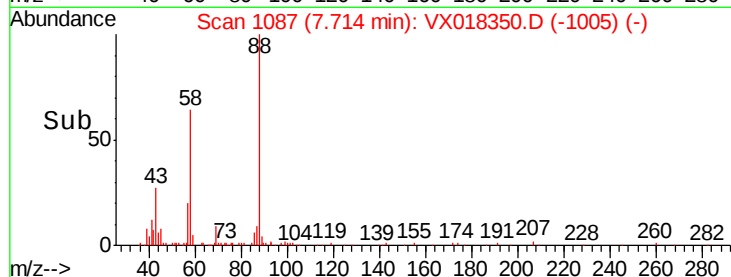
Tot Ion:	88	Resp:	38837
Ion	Ratio	Lower	Upper
88	100		
43	35.4	13.6	20.4#
58	68.5	58.2	87.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 19.080 ug/l

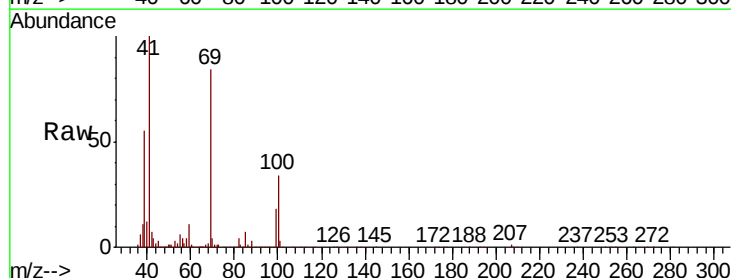
RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

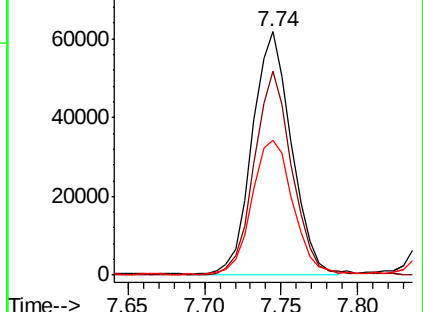
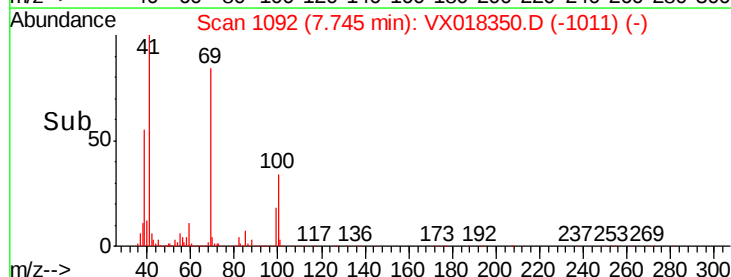
Tgt Ion:	41	Resp:	109726
Ion	Ratio	Lower	Upper
41	100		
69	84.1	40.3	120.8
39	55.2	27.3	81.9

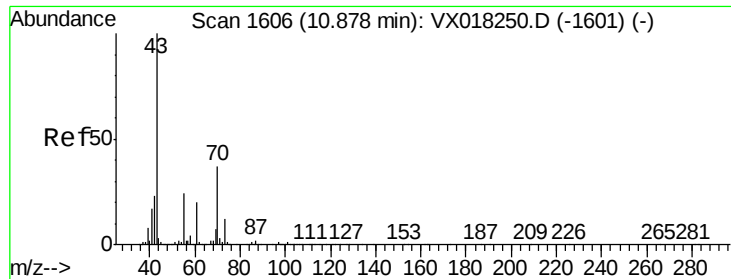


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 18.949 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

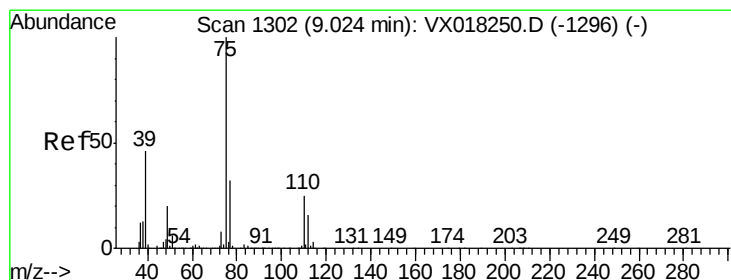
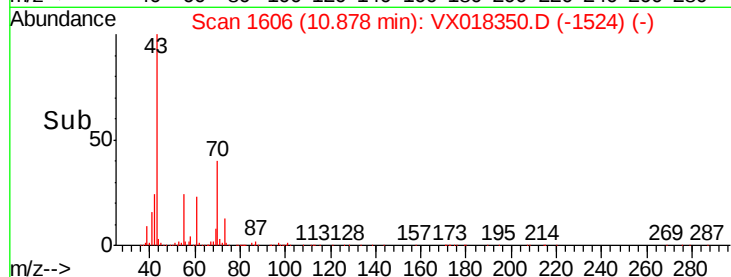
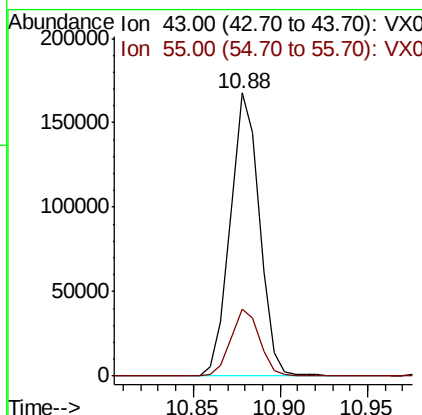
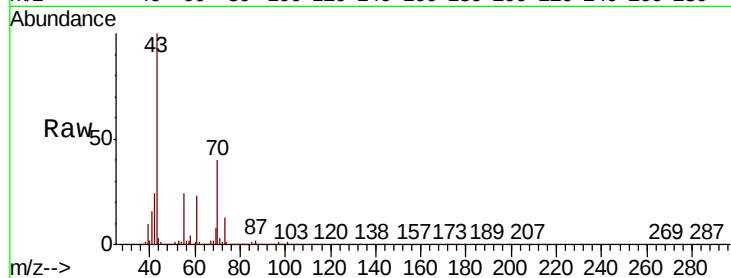
ClientSampleId :

Tot Ion: 43 Resp: 194560

Ion Ratio Lower Upper

43 100

55 23.6 18.9 28.3



#48

t-1,3-Dichloropropene

Concen: 19.921 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX018350.D

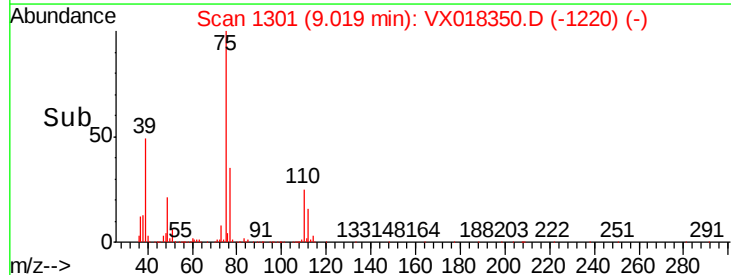
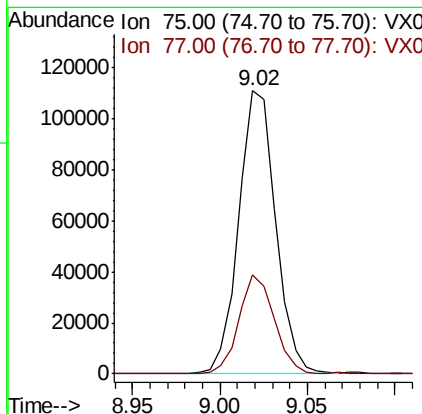
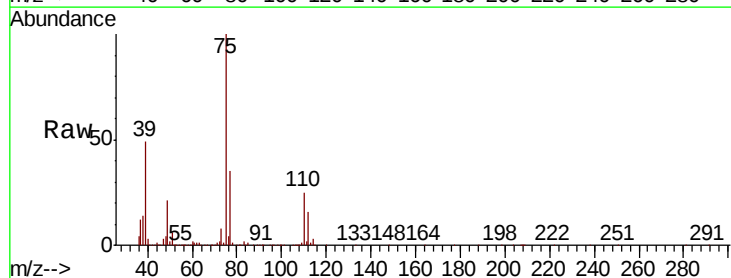
Acq: 11 Sep 2020 09:54

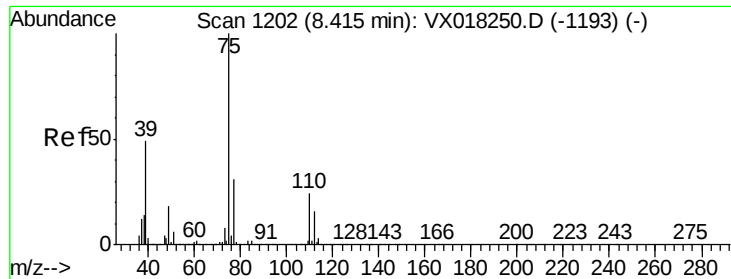
Tgt Ion: 75 Resp: 163065

Ion Ratio Lower Upper

75 100

77 34.7 25.4 38.2



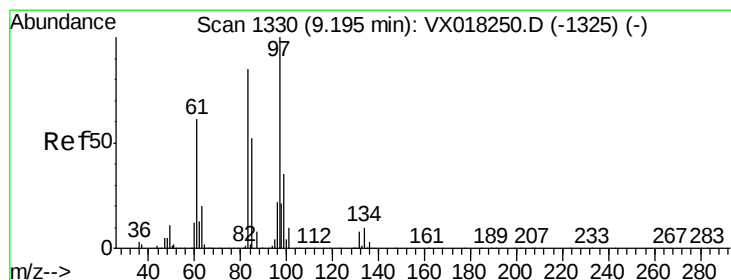
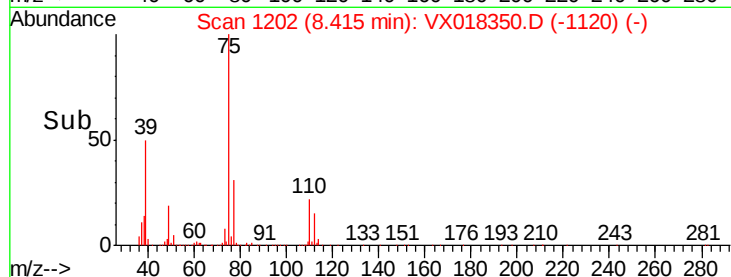
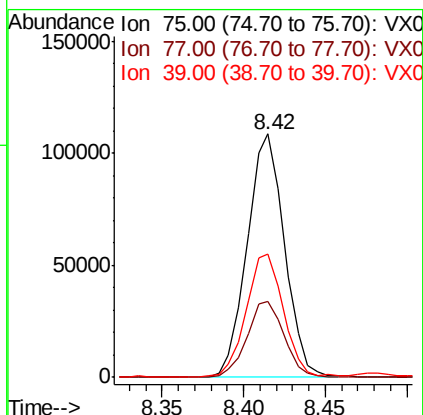
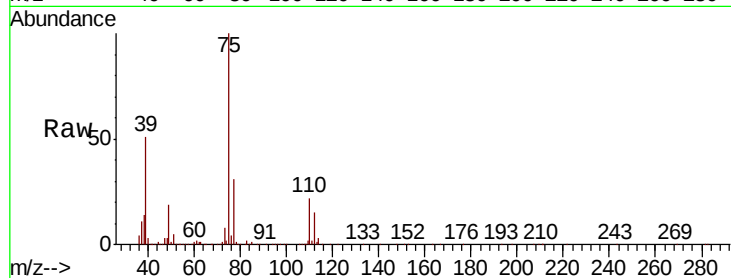


#49

cis-1,3-Dichloropropene
 Concen: 20.122 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX018350.D
 Acq: 11 Sep 2020 09:54

Instrument :
 MSVOA_X
 ClientSampled :

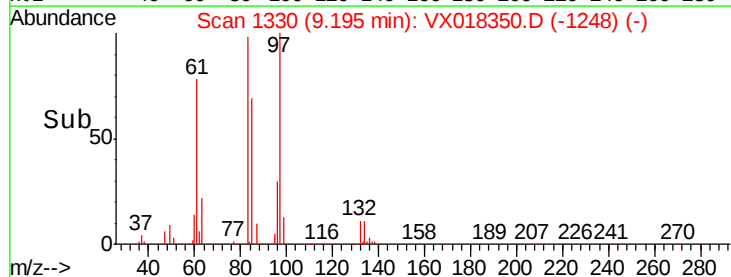
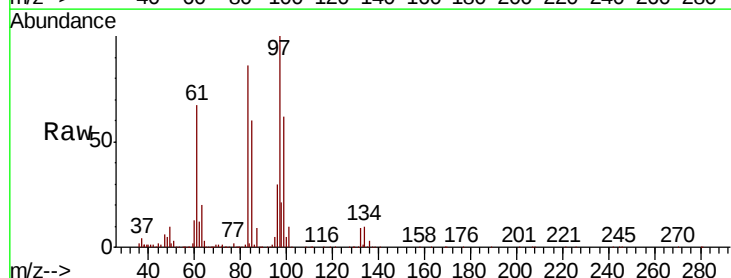
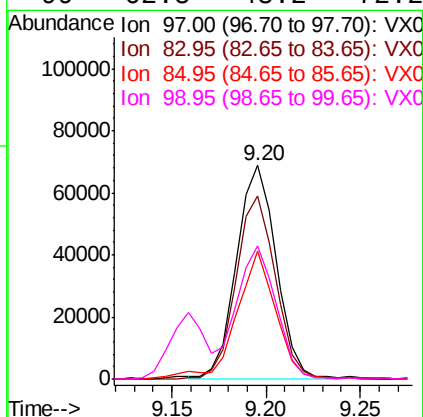
Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	24.7	37.1
39	50.4	39.6	59.4

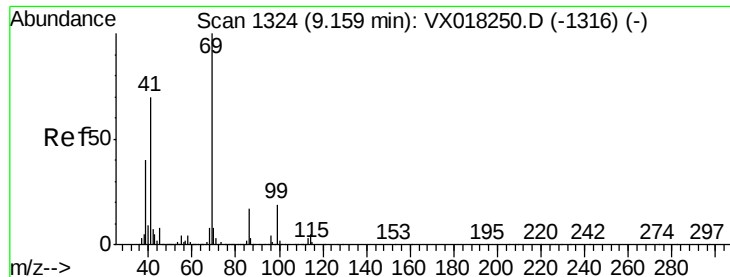


#50

1,1,2-Trichloroethane
 Concen: 19.682 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018350.D
 Acq: 11 Sep 2020 09:54

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.8	68.1	102.1
85	59.8	42.6	64.0
99	62.5	48.2	72.2





#51

Ethyl methacrylate

Concen: 19.440 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

ClientSampled :

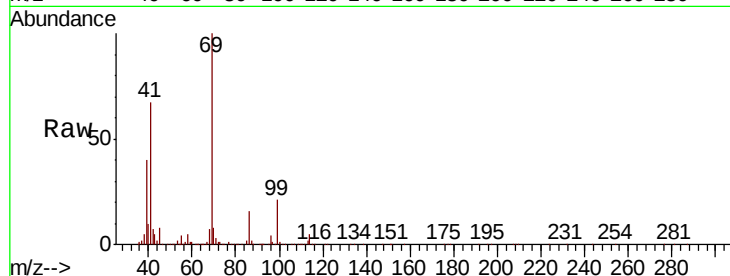
Tot Ion: 69 Resp: 144281

Ion Ratio Lower Upper

69 100

41 67.1 34.9 104.7

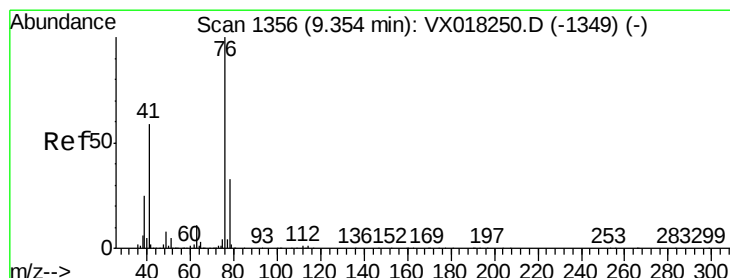
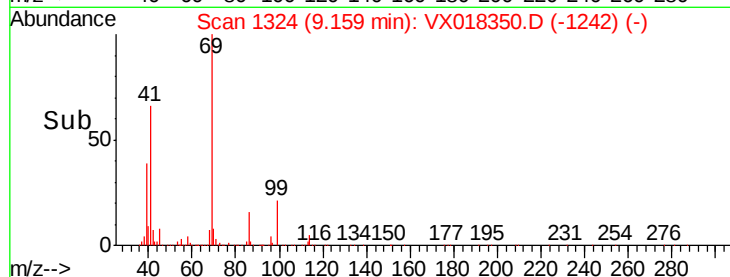
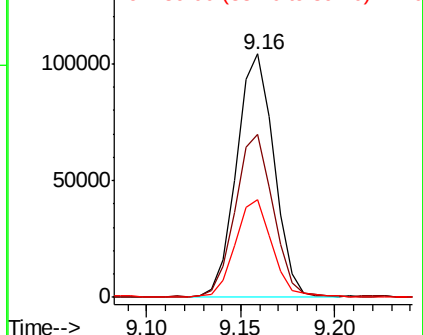
39 39.9 19.8 59.3



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 19.756 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018350.D

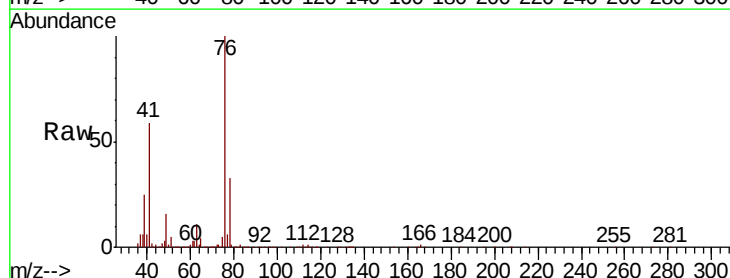
Acq: 11 Sep 2020 09:54

Tgt Ion: 76 Resp: 168006

Ion Ratio Lower Upper

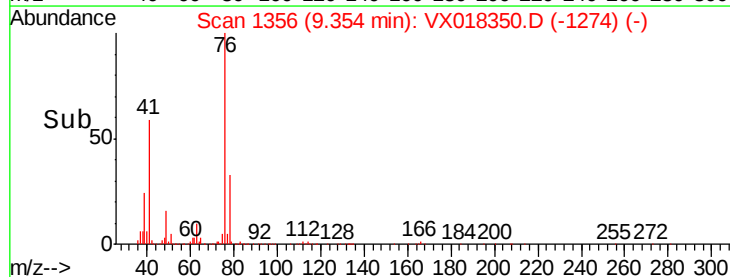
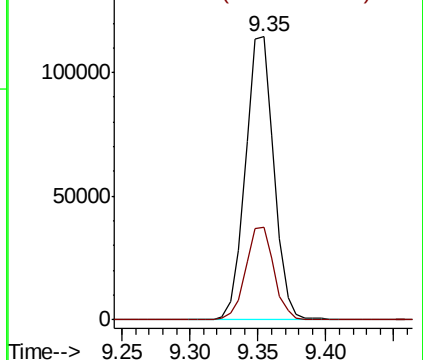
76 100

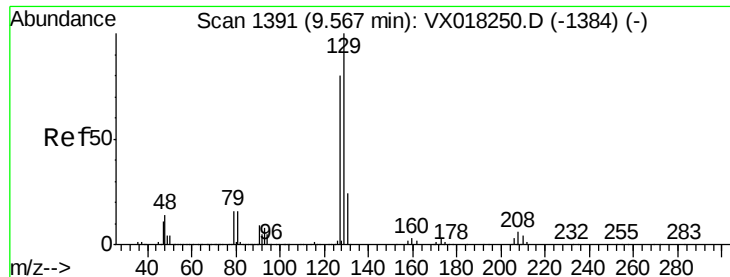
78 32.4 0.0 62.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 19.879 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

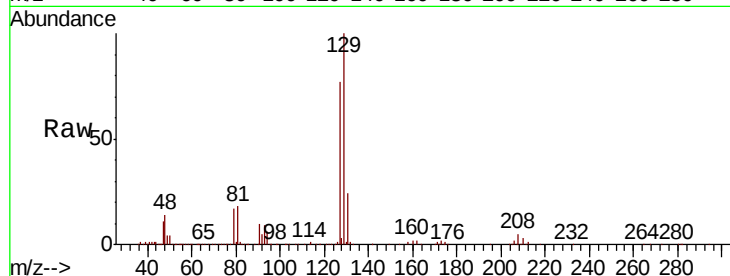
ClientSampleId :

Tot Ion:129 Resp: 126632

Ion Ratio Lower Upper

129 100

127 75.5 38.9 116.6



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

80000

60000

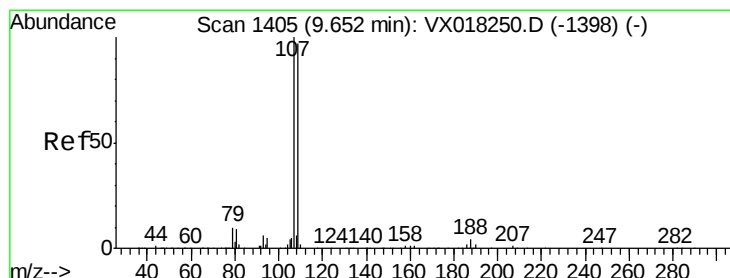
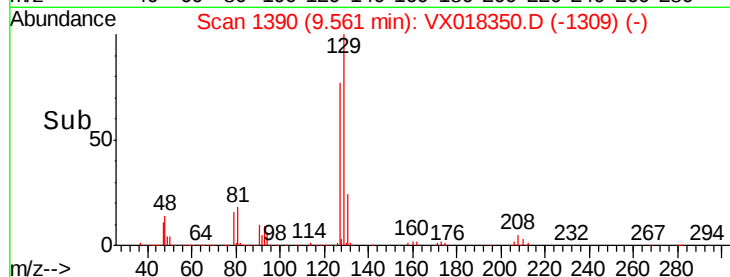
40000

20000

0

9.50 9.55 9.60

Time-->



#54

1,2-Dibromoethane

Concen: 19.573 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018350.D

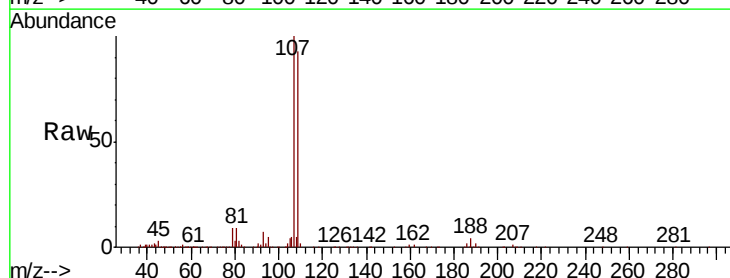
Acq: 11 Sep 2020 09:54

Tgt Ion:107 Resp: 110006

Ion Ratio Lower Upper

107 100

109 94.9 77.8 116.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

80000

60000

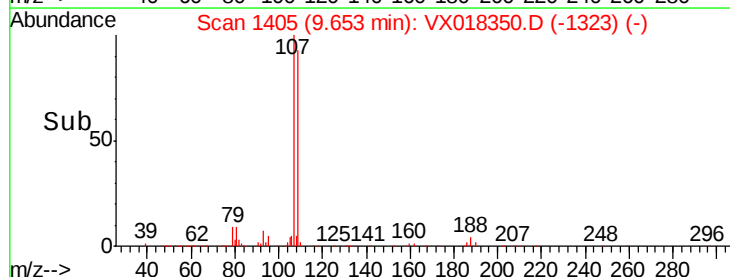
40000

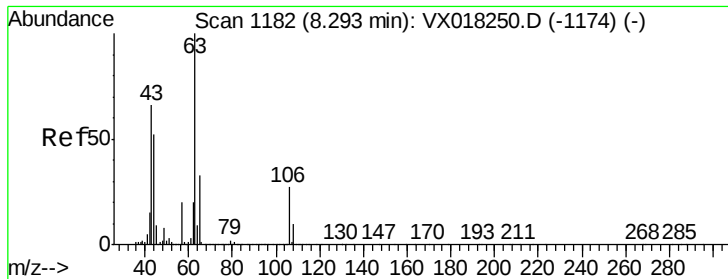
20000

0

9.60 9.65 9.70

Time-->





#55

2-Chloroethyl vinyl ether

Concen: 95.953 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

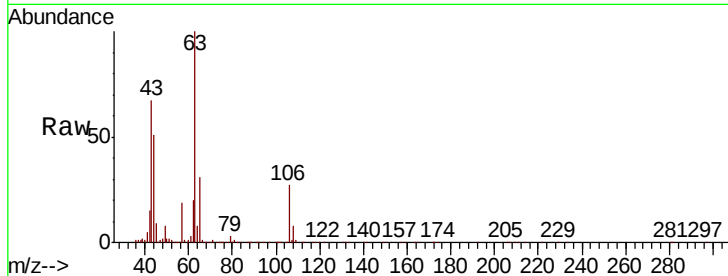
Tot Ion: 63 Resp: 371877

Ion Ratio Lower Upper

63 100

65 31.9 26.0 39.0

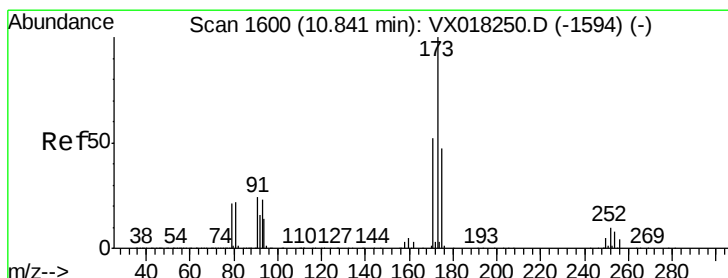
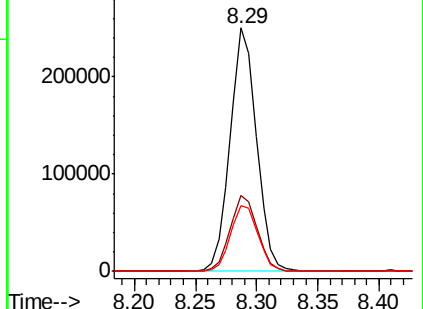
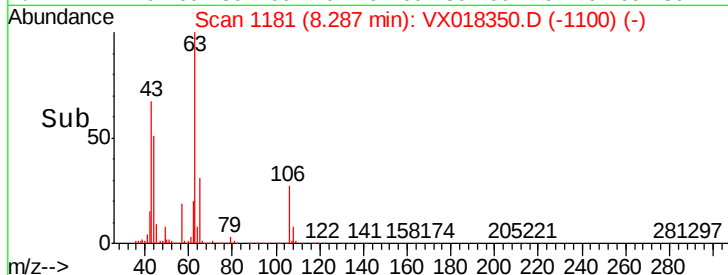
106 28.3 22.3 33.5



Abundance Ion 63.00 (62.70 to 63.70): VX018250.D (-1174) (-)

Ion 65.00 (64.70 to 65.70): VX018250.D (-1174) (-)

Ion 106.00 (105.70 to 106.70): VX018250.D (-1174) (-)



#56

Bromoform

Concen: 19.230 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

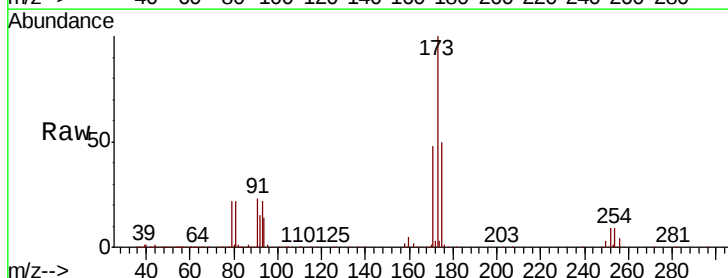
Tgt Ion: 173 Resp: 93077

Ion Ratio Lower Upper

173 100

175 47.4 40.2 60.2

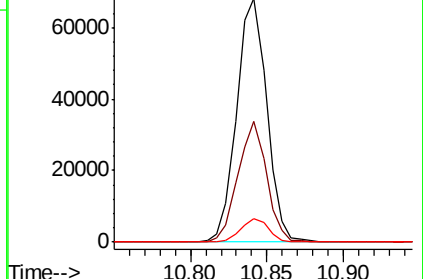
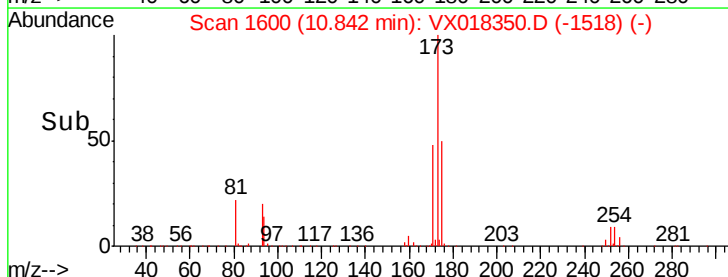
254 8.9 7.3 10.9

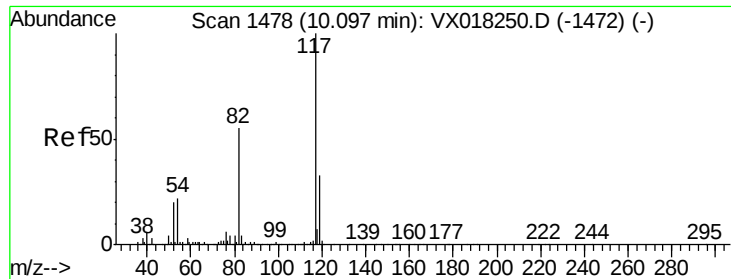


Abundance Ion 173.00 (172.70 to 173.70): VX018250.D (-1594) (-)

Ion 175.00 (174.70 to 175.70): VX018250.D (-1594) (-)

Ion 254.00 (253.70 to 254.70): VX018250.D (-1594) (-)

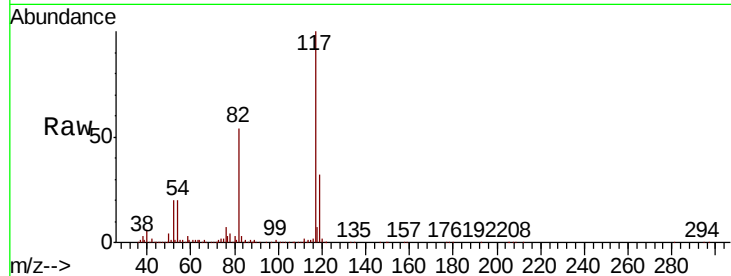




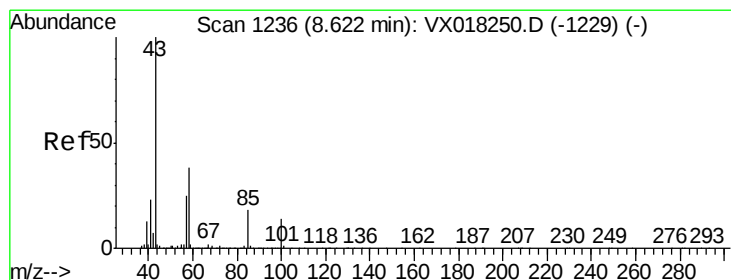
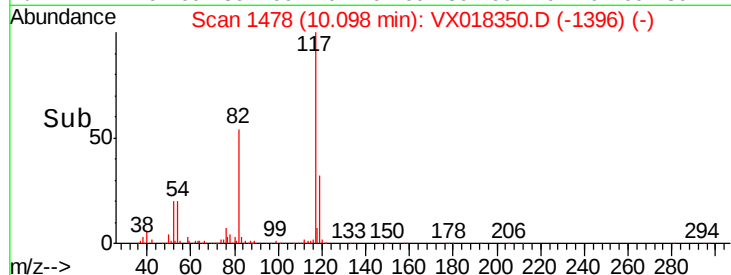
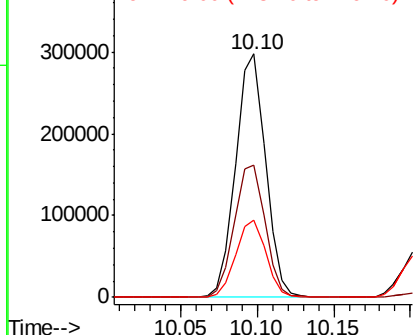
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.2	66.4
119	32.2	26.1	39.1

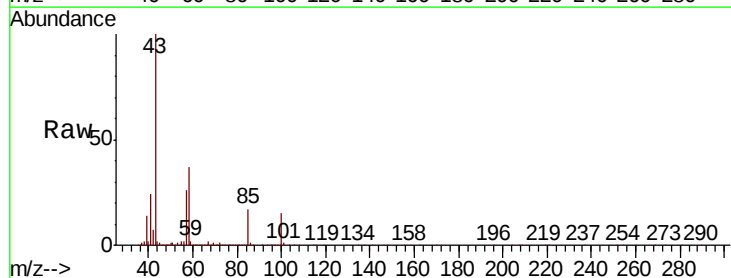


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

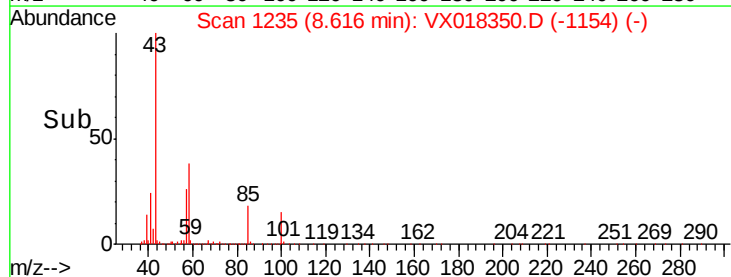
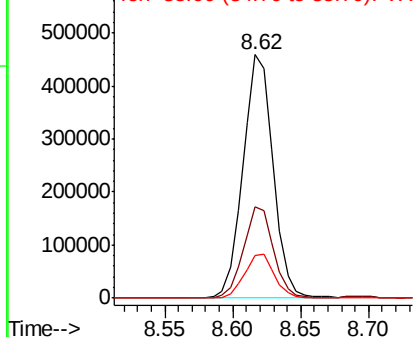


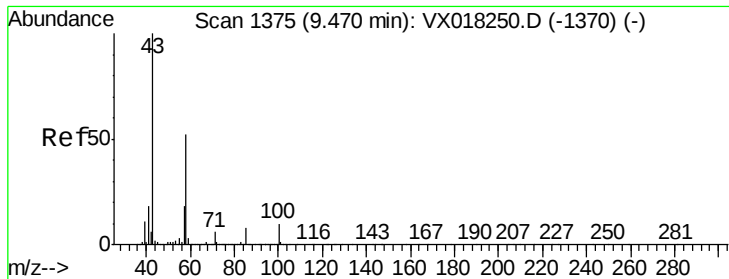
#58
4-Methyl-2-Pentanone
Concen: 101.736 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.4	30.0	45.0
85	17.9	14.2	21.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

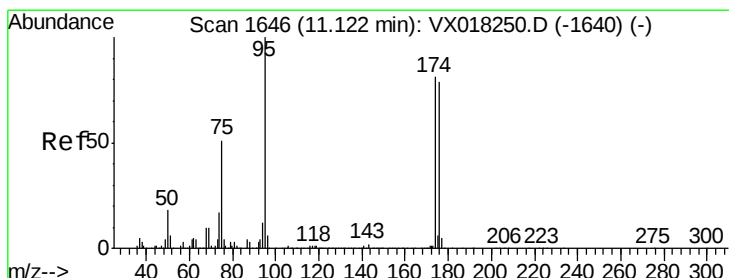
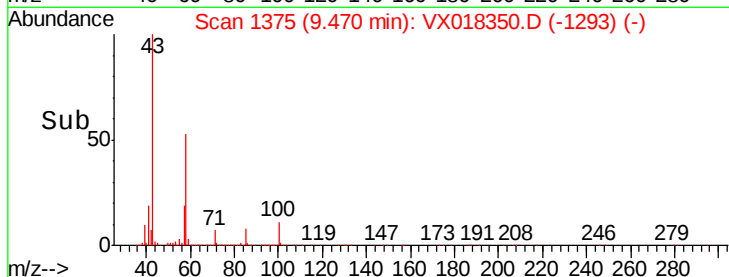
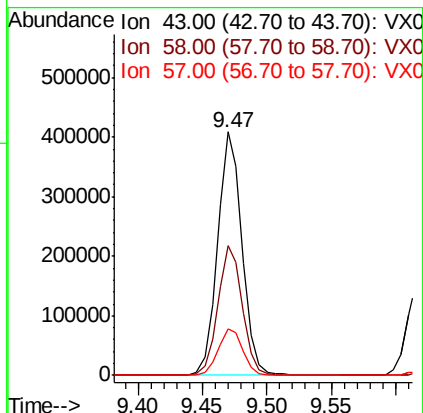
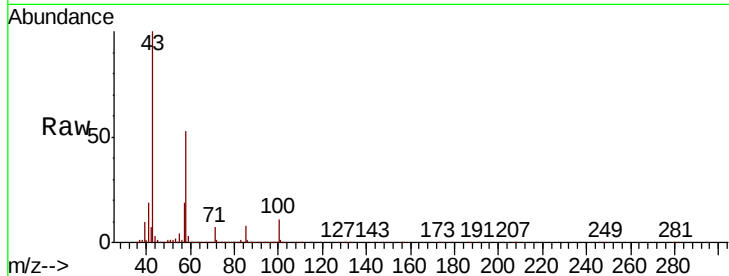




#59
2-Hexanone
Concen: 103.031 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

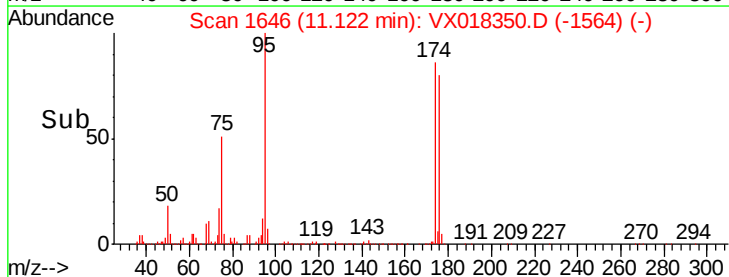
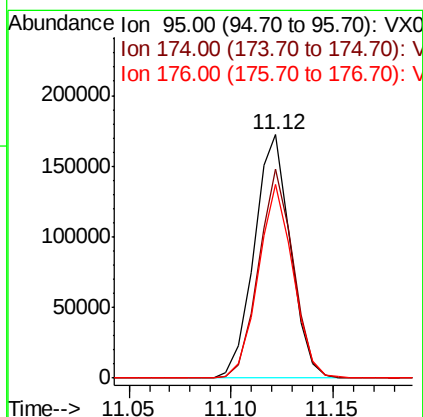
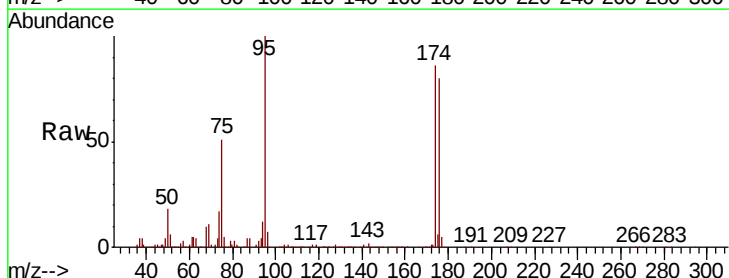
Instrument :
MSVOA_X
ClientSampled :

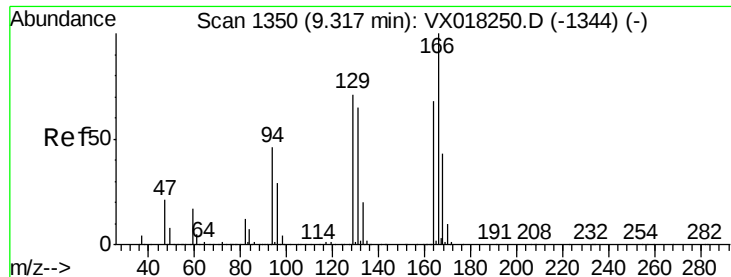
Tot Ion: 43 Resp: 542927
Ion Ratio Lower Upper
43 100
58 52.9 42.5 63.7
57 19.4 14.8 22.2



#60
4-Bromofluorobenzene
Concen: 30.327 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Tgt Ion: 95 Resp: 212618
Ion Ratio Lower Upper
95 100
174 81.9 64.2 96.4
176 77.0 62.2 93.4





#61

Tetrachloroethene

Concen: 21.839 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 110170

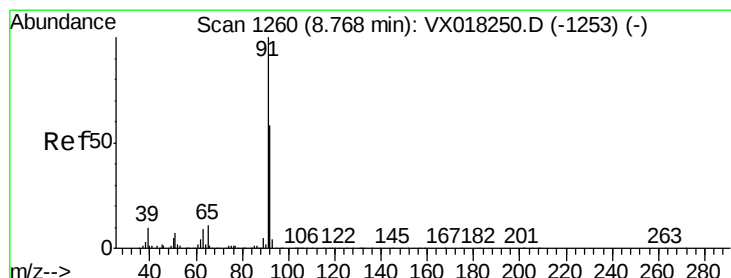
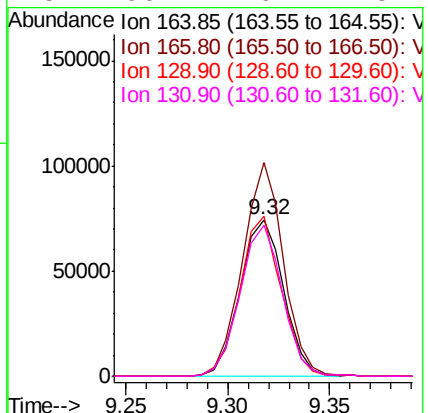
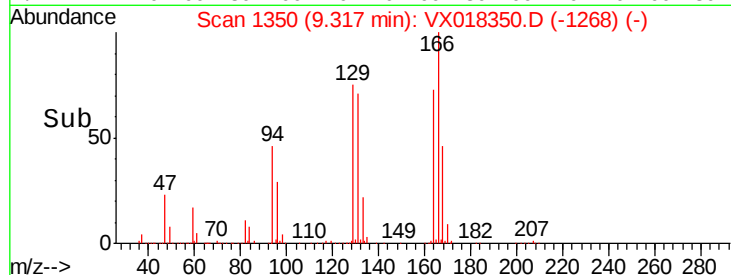
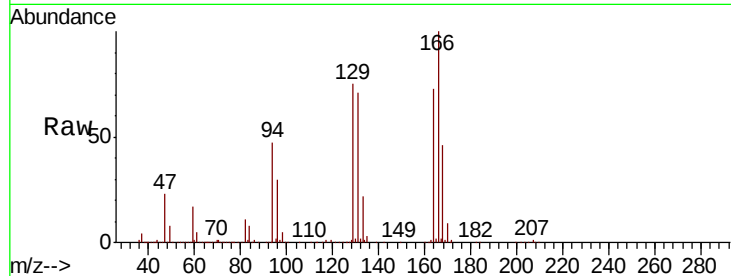
Ion Ratio Lower Upper

164 100

166 136.2 117.4 176.0

129 102.0 82.7 124.1

131 96.4 76.7 115.1



#62

Toluene

Concen: 20.928 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018350.D

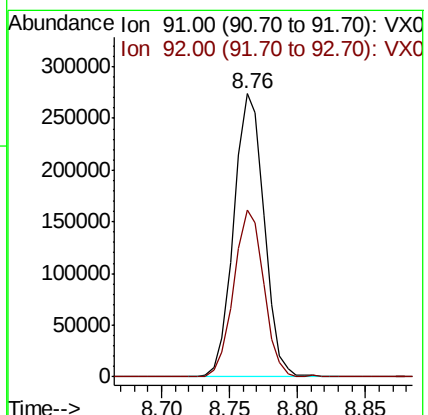
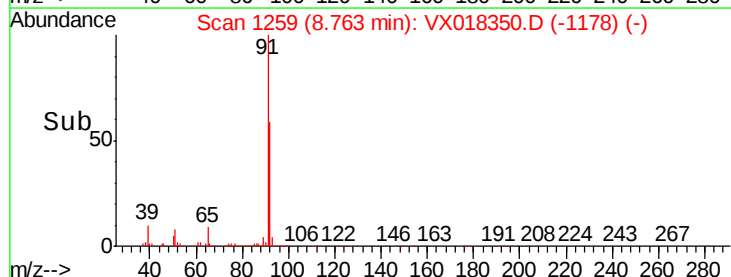
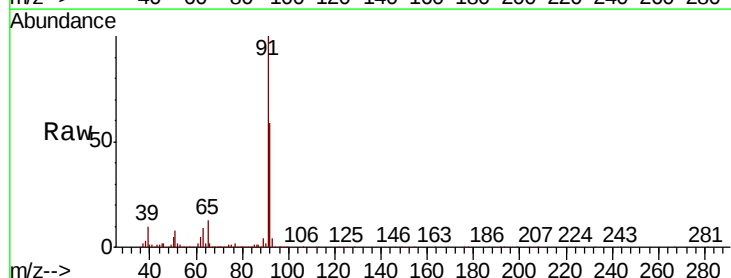
Acq: 11 Sep 2020 09:54

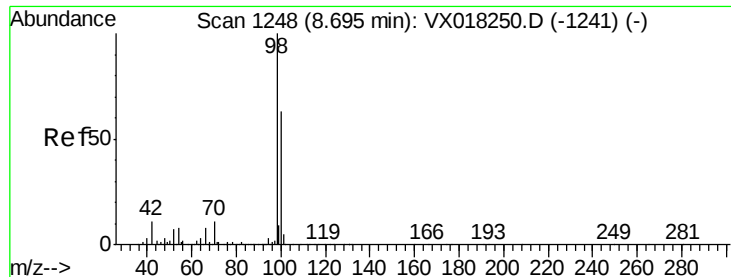
Tgt Ion: 91 Resp: 426023

Ion Ratio Lower Upper

91 100

92 58.1 46.9 70.3





#63

Toluene-d8

Concen: 30.378 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

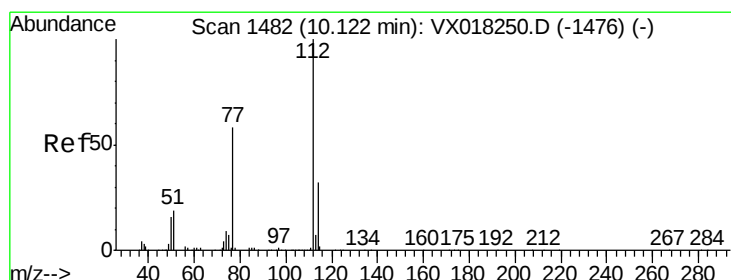
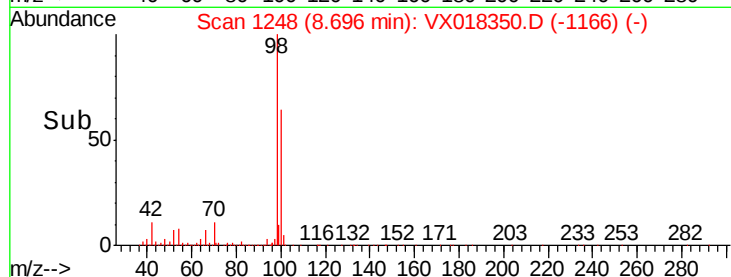
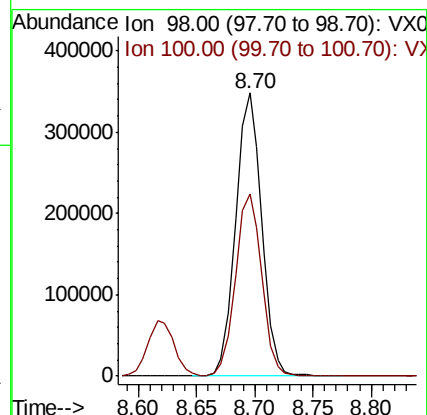
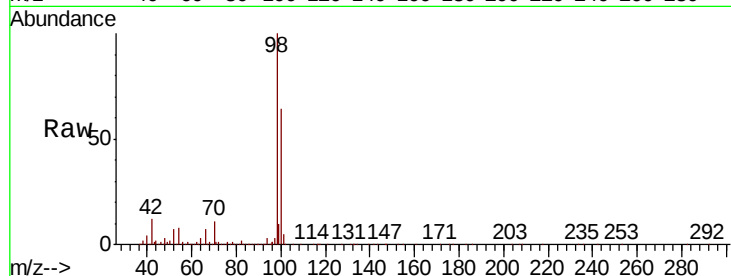
ClientSampleId :

Tot Ion: 98 Resp: 541586

Ion Ratio Lower Upper

98 100

100 64.9 51.4 77.0



#64

Chlorobenzene

Concen: 20.319 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018350.D

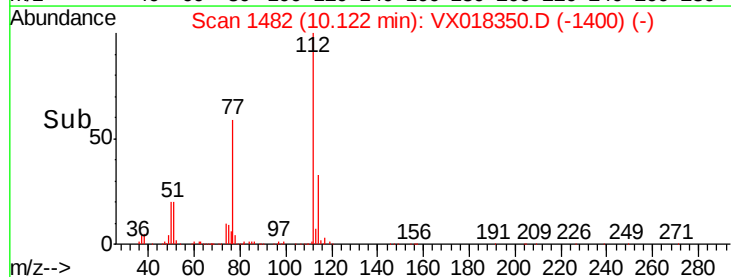
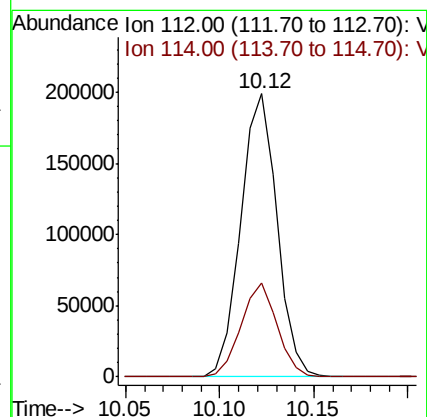
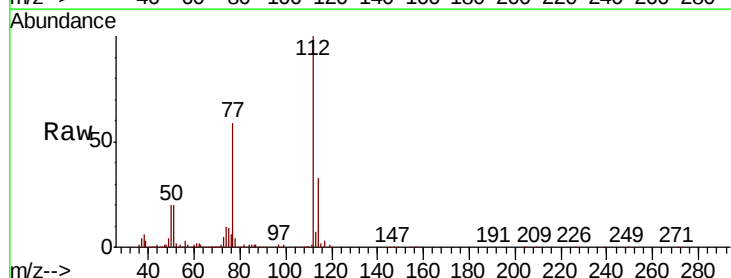
Acq: 11 Sep 2020 09:54

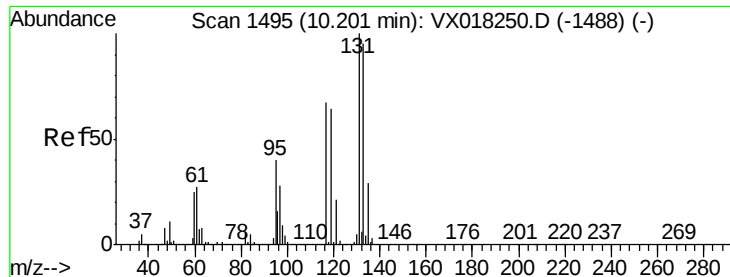
Tgt Ion: 112 Resp: 265809

Ion Ratio Lower Upper

112 100

114 33.3 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 20.600 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

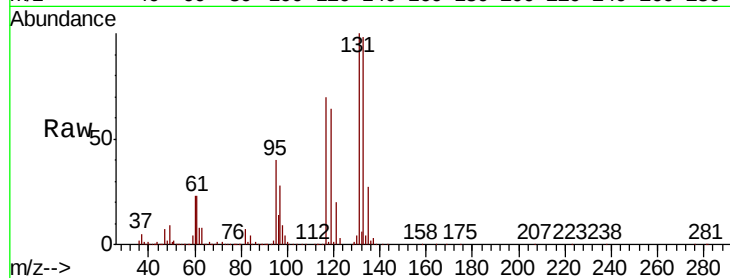
Tot Ion:131 Resp: 109136

Ion Ratio Lower Upper

131 100

133 97.9 0.0 197.2

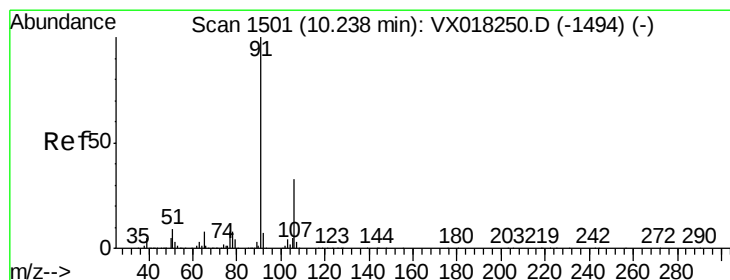
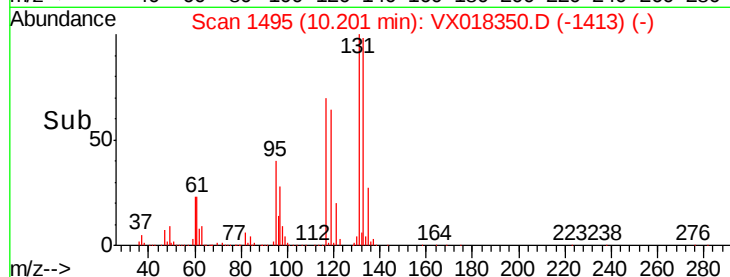
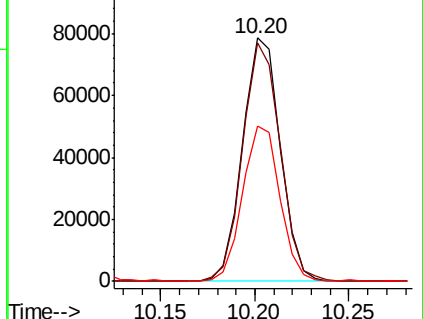
119 63.4 0.0 129.8



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 20.705 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018350.D

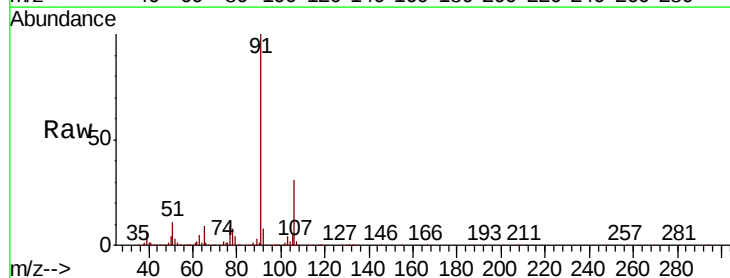
Acq: 11 Sep 2020 09:54

Tgt Ion: 91 Resp: 465714

Ion Ratio Lower Upper

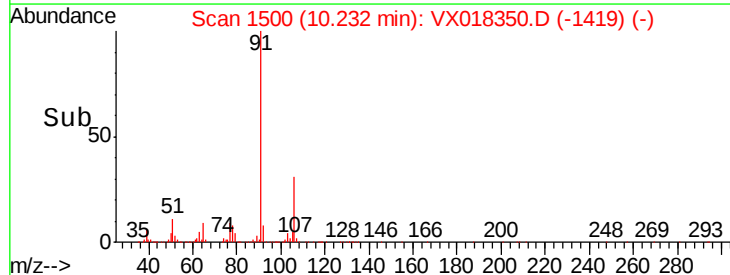
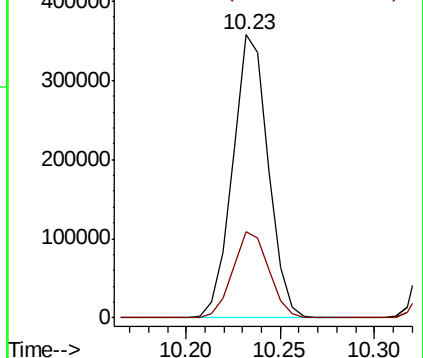
91 100

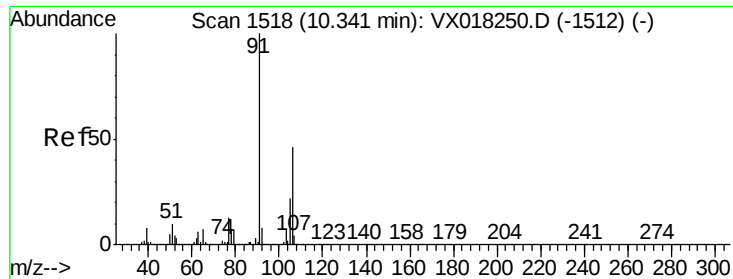
106 30.7 26.3 39.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

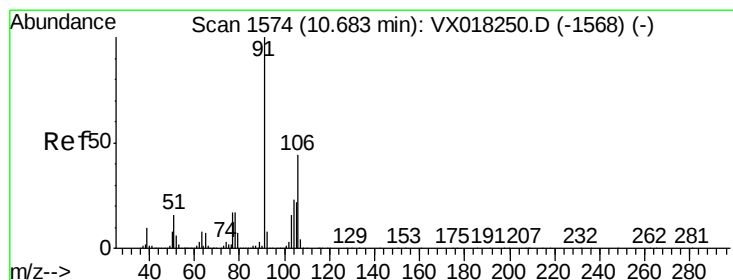
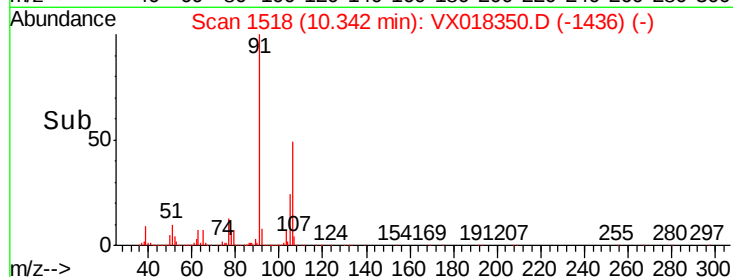
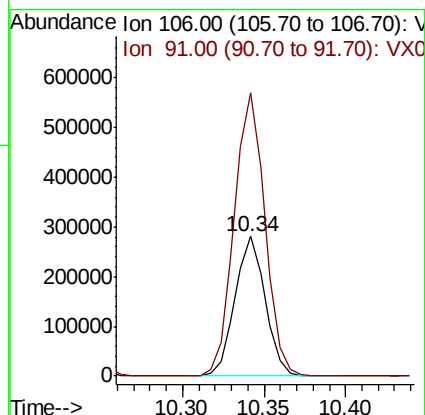
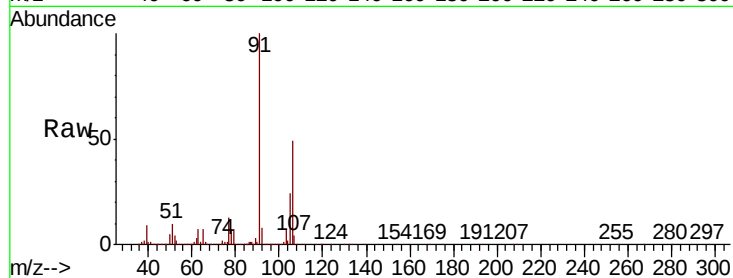




#67
m/p-Xylenes
Concen: 42.203 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

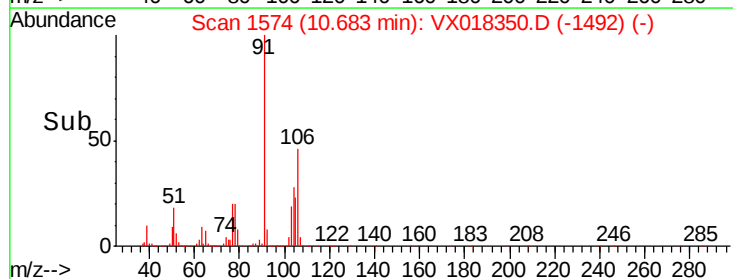
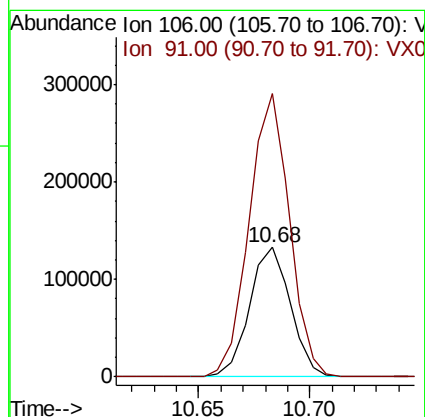
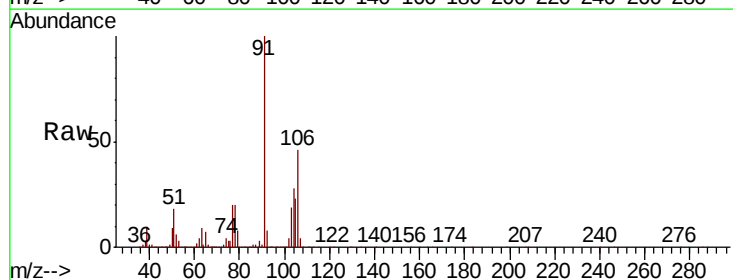
Instrument :
MSVOA_X
ClientSampleId :

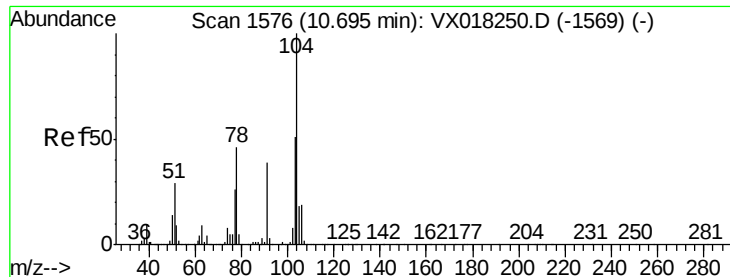
Tot Ion:106 Resp: 363027
Ion Ratio Lower Upper
106 100
91 205.2 166.2 249.2



#68
o-Xylene
Concen: 20.957 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Tgt Ion:106 Resp: 170338
Ion Ratio Lower Upper
106 100
91 215.9 109.2 327.6

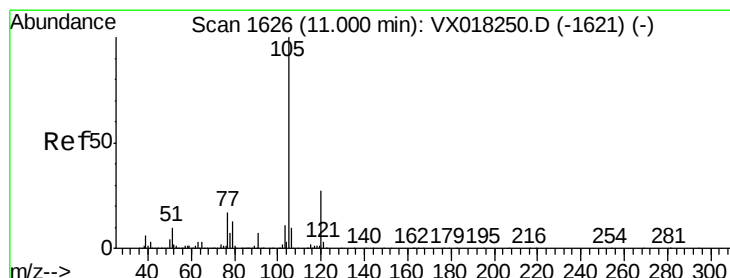
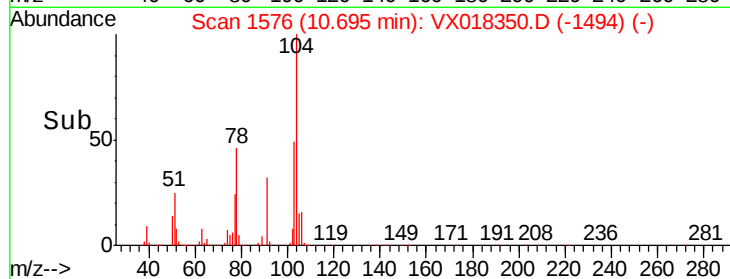
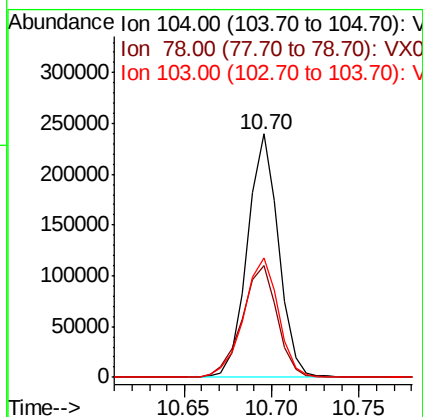
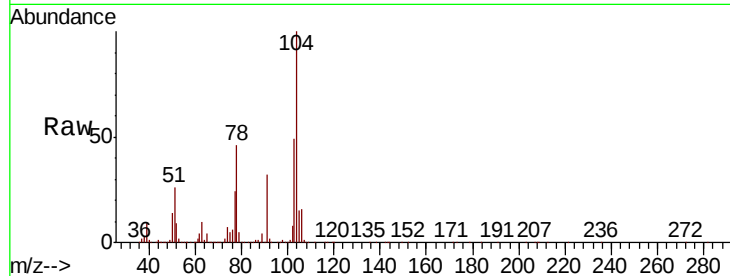




#69
Stvrene
Concen: 20.883 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

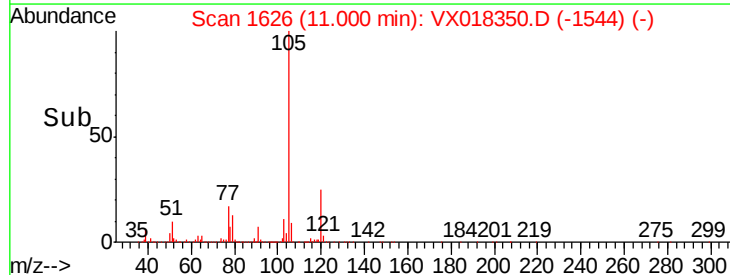
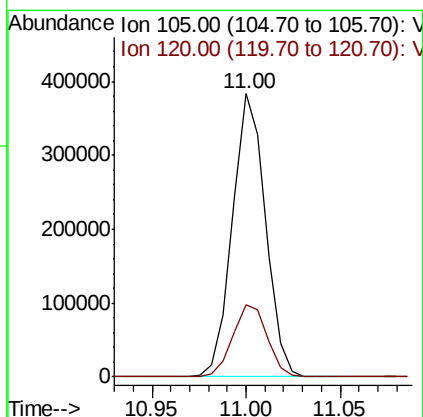
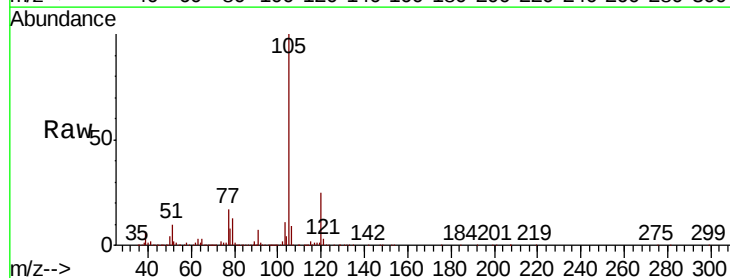
Instrument :
MSVOA_X
ClientSampleId :

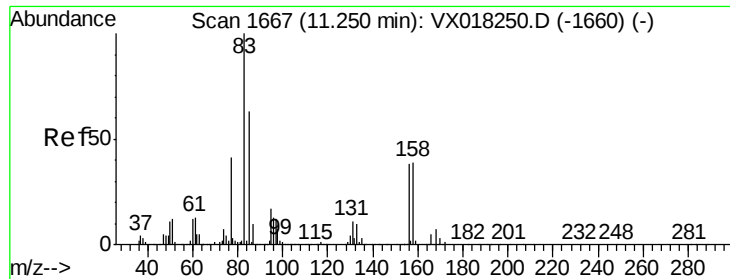
Tot Ion:104 Resp: 296123
Ion Ratio Lower Upper
104 100
78 52.0 41.7 62.5
103 54.8 44.2 66.2



#70
Isopropylbenzene
Concen: 20.639 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Tgt Ion:105 Resp: 466492
Ion Ratio Lower Upper
105 100
120 26.8 18.7 34.7





#71

1,1,2,2-Tetrachloroethane

Concen: 20.604 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

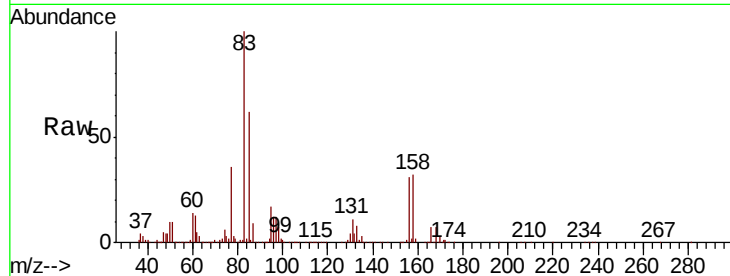
Tot Ion: 83 Resp: 152187

Ion Ratio Lower Upper

83 100

131 11.2 5.8 17.3

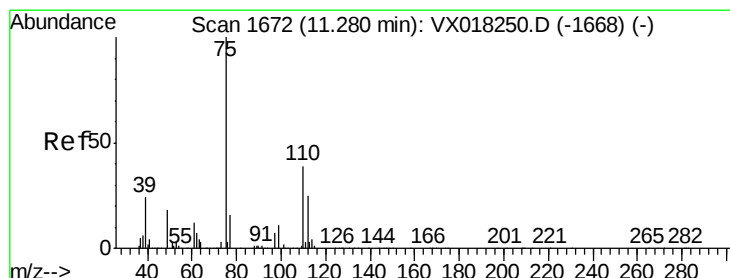
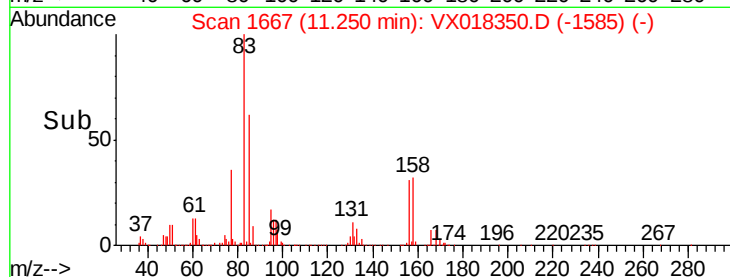
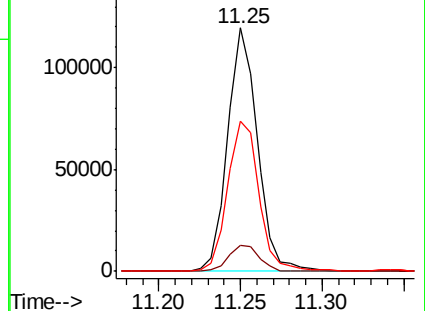
85 64.8 31.3 93.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 25.564 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018350.D

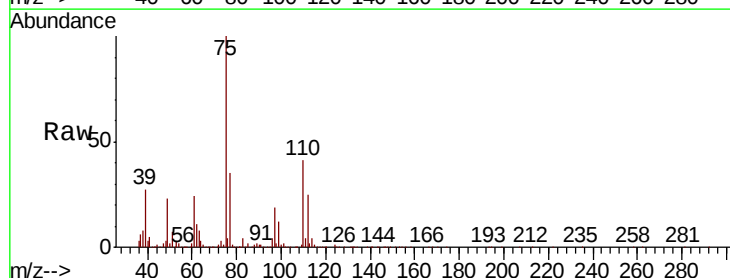
Acq: 11 Sep 2020 09:54

Tgt Ion: 75 Resp: 181419

Ion Ratio Lower Upper

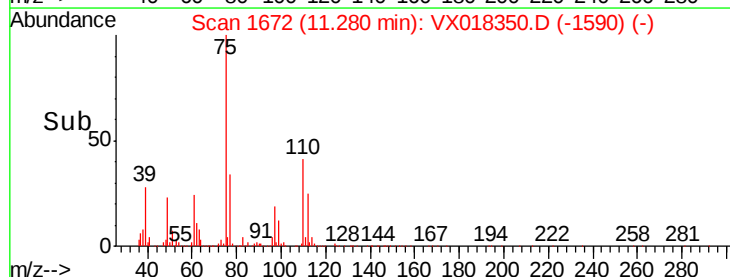
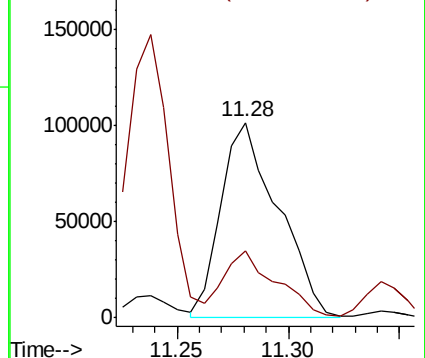
75 100

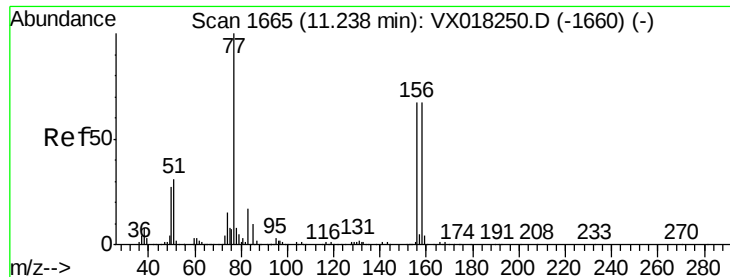
77 29.5 0.0 74.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 20.347 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

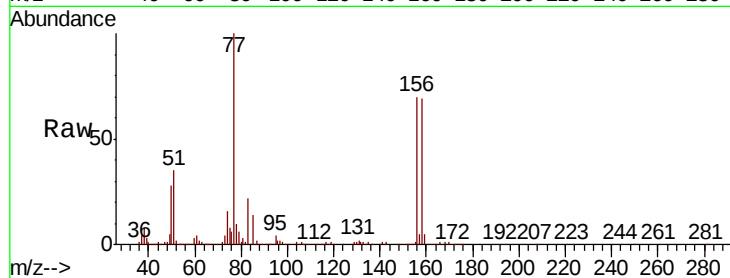
Tot Ion:156 Resp: 125995

Ion Ratio Lower Upper

156 100

77 156.1 0.0 311.0

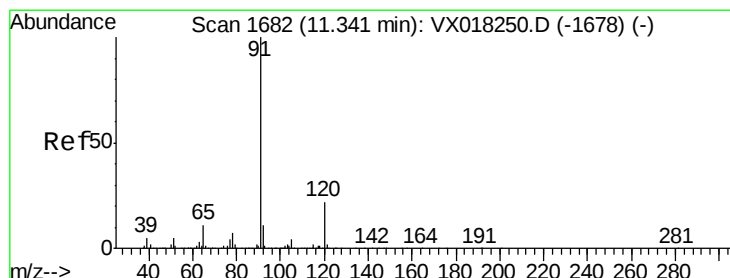
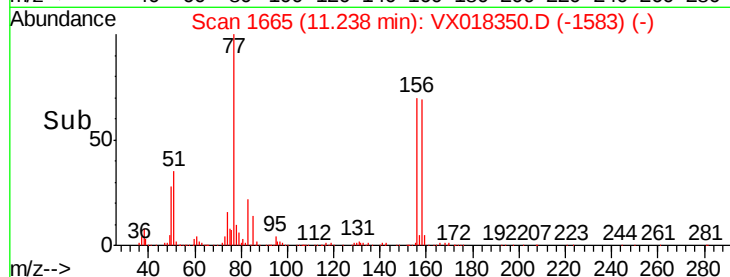
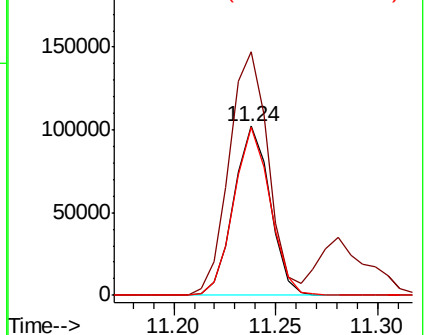
158 100.0 0.0 194.4



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 20.860 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018350.D

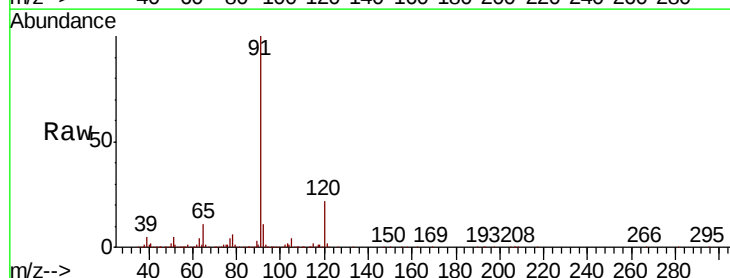
Acq: 11 Sep 2020 09:54

Tgt Ion: 91 Resp: 555172

Ion Ratio Lower Upper

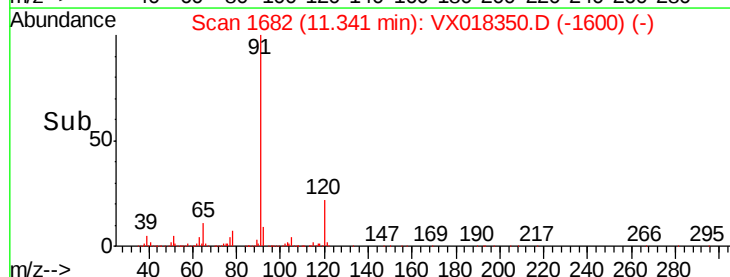
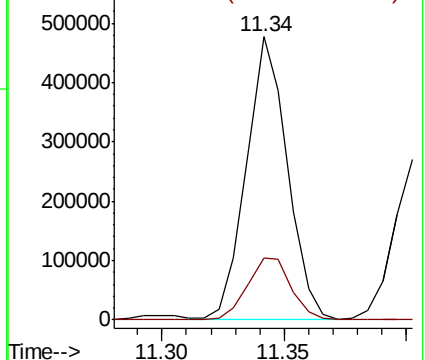
91 100

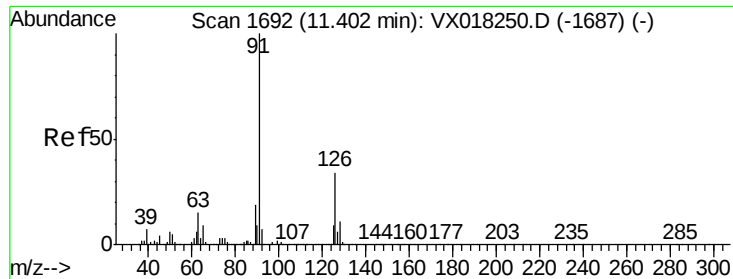
120 23.2 0.0 45.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.715 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

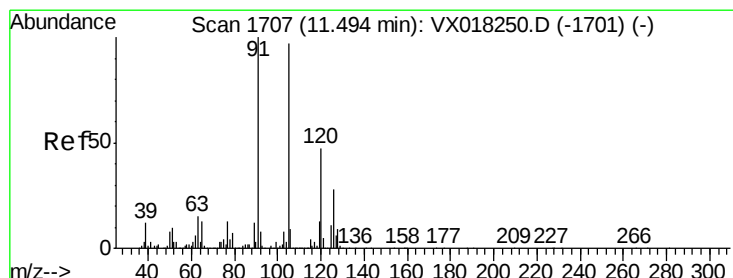
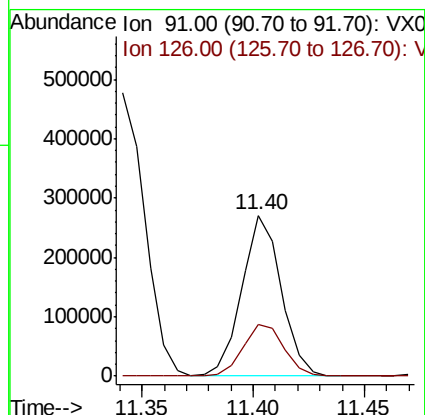
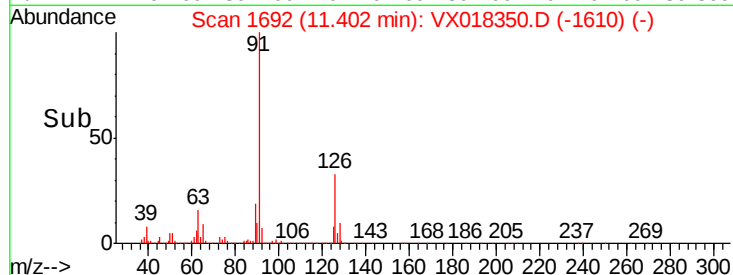
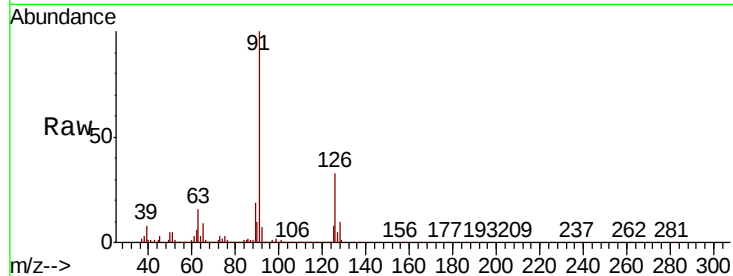
ClientSampleId :

Tot Ion: 91 Resp: 334155

Ion Ratio Lower Upper

91 100

126 33.9 0.0 68.4



#76

1,3,5-Trimethylbenzene

Concen: 20.545 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018350.D

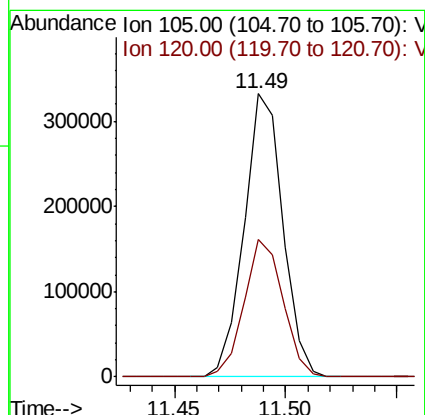
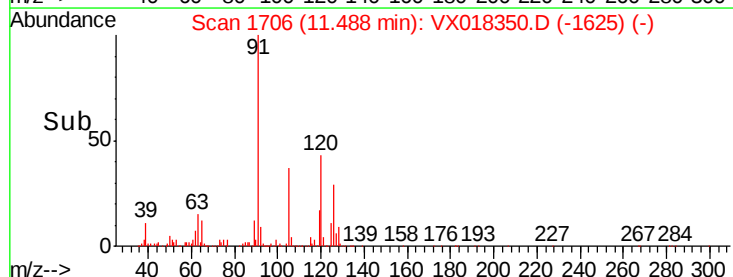
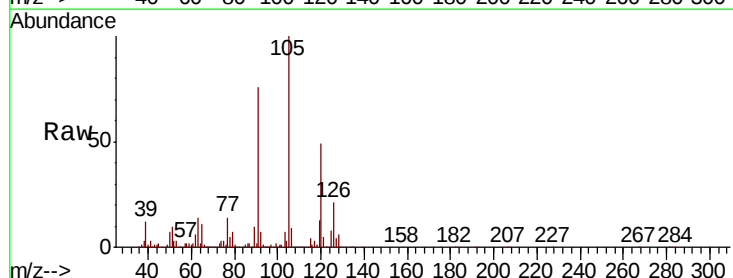
Acq: 11 Sep 2020 09:54

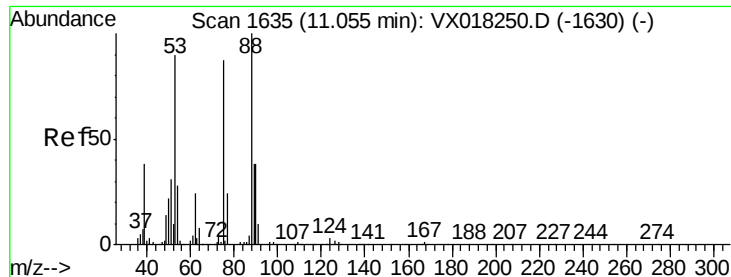
Tgt Ion: 105 Resp: 404547

Ion Ratio Lower Upper

105 100

120 48.8 0.0 95.0

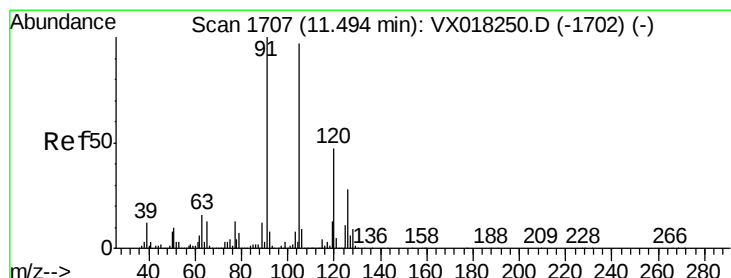
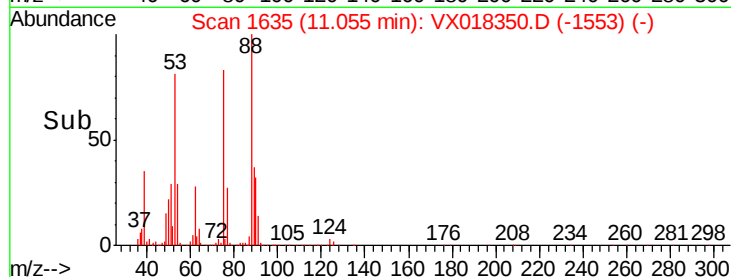
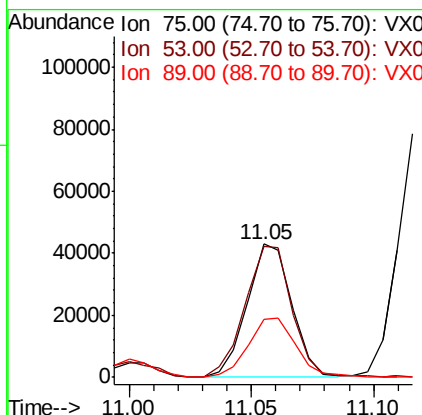
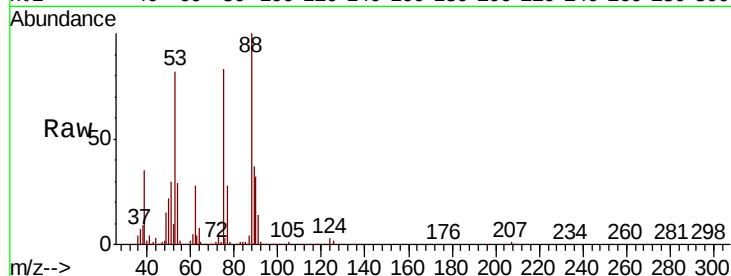




#77
t-1,4-Dichloro-2-butene
Concen: 19.737 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

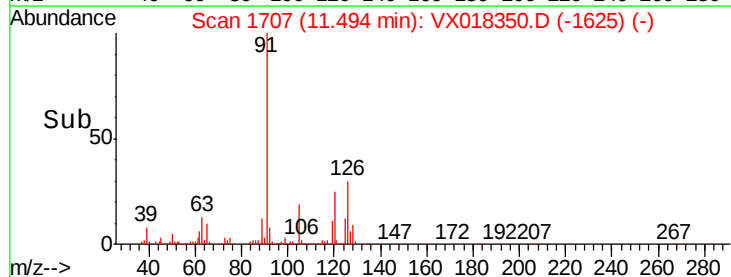
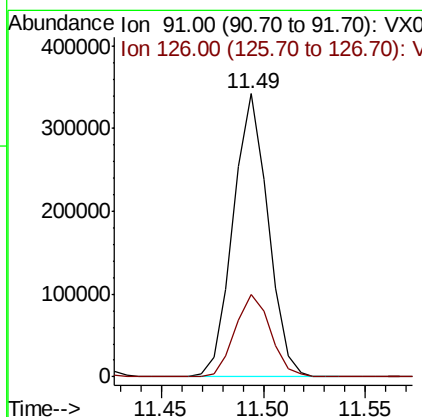
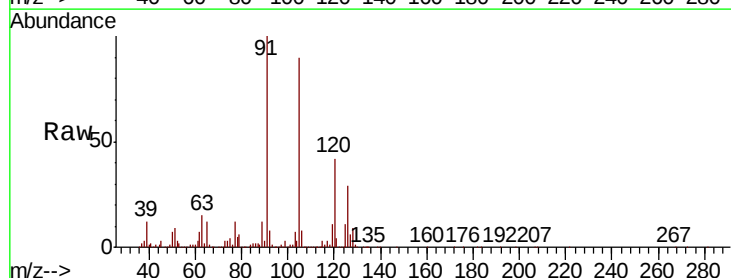
Instrument :
MSVOA_X
ClientSampleId :

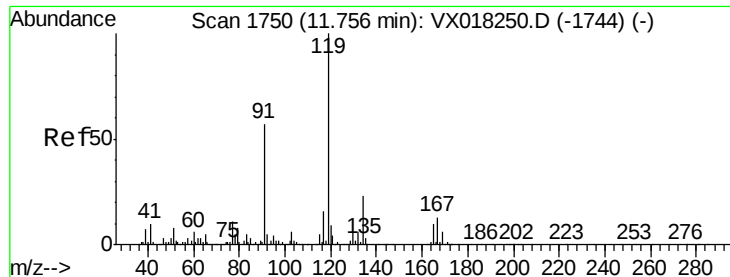
Tot Ion: 75 Resp: 54431
Ion Ratio Lower Upper
75 100
53 98.2 52.1 156.4
89 43.8 22.1 66.3



#78
4-Chlorotoluene
Concen: 20.997 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Tgt Ion: 91 Resp: 404042
Ion Ratio Lower Upper
91 100
126 30.0 0.0 59.2

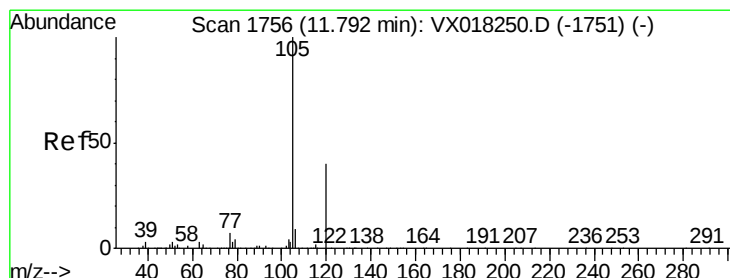
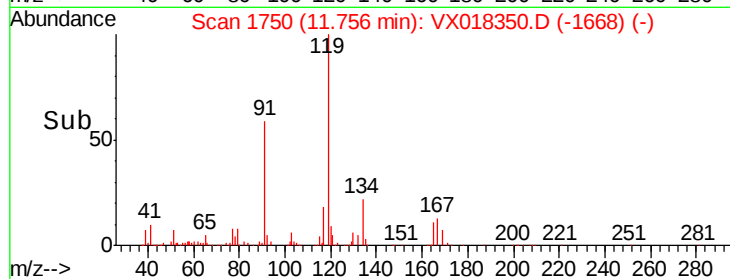
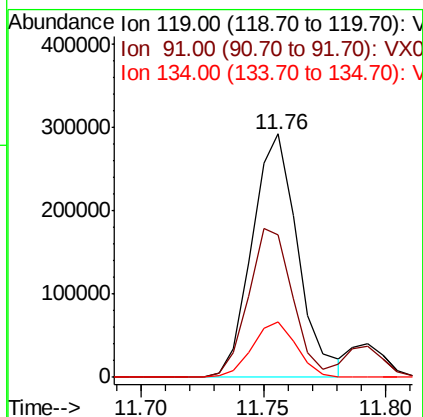
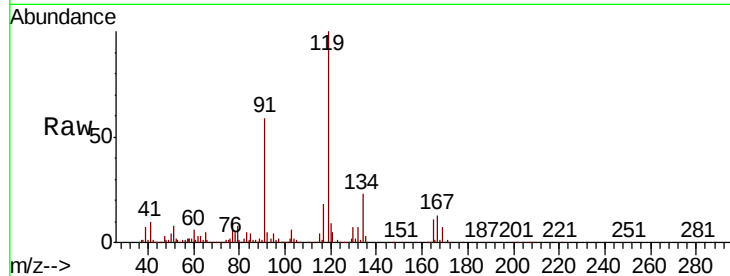




#79
tert-butylbenzene
Concen: 20.187 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

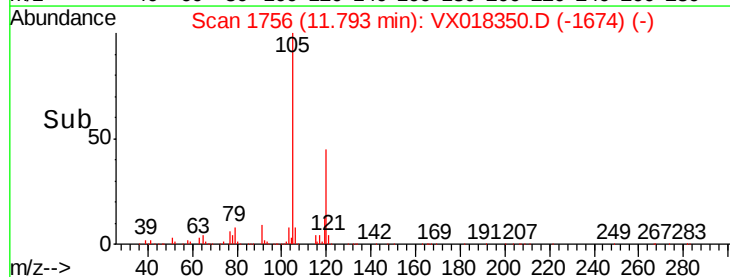
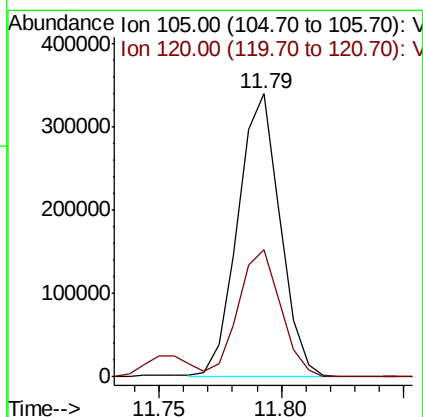
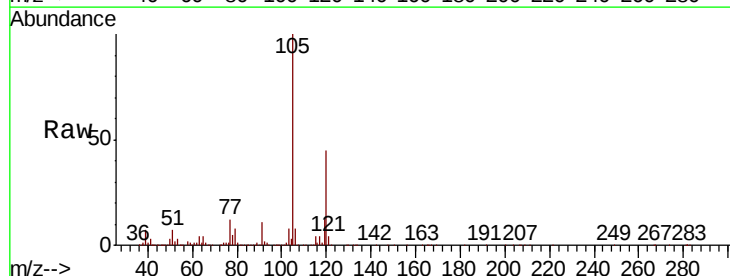
Instrument :
MSVOA_X
ClientSampleId :

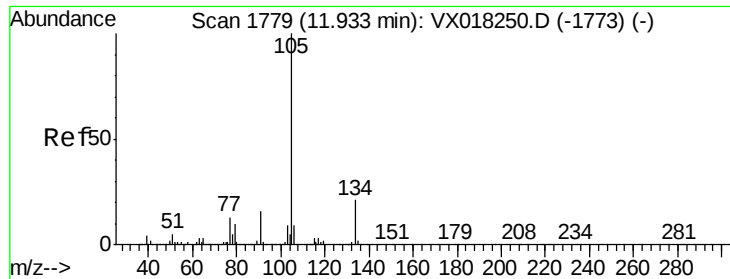
Tot Ion	Ratio	Lower	Upper
119	100		
91	58.9	0.0	111.8
134	22.0	0.0	42.4



#80
1,2,4-Trimethylbenzene
Concen: 20.846 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	0.0	89.2





#81

sec-Butylbenzene

Concen: 20.605 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

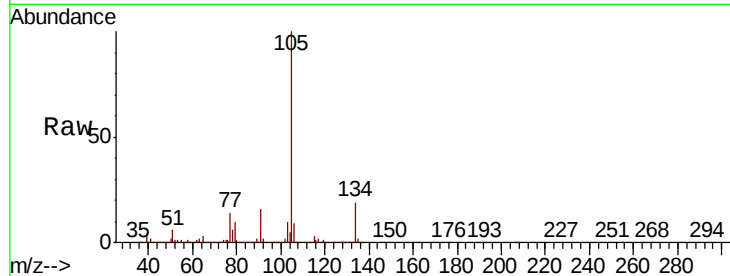
ClientSampleId :

Tot Ion:105 Resp: 456517

Ion Ratio Lower Upper

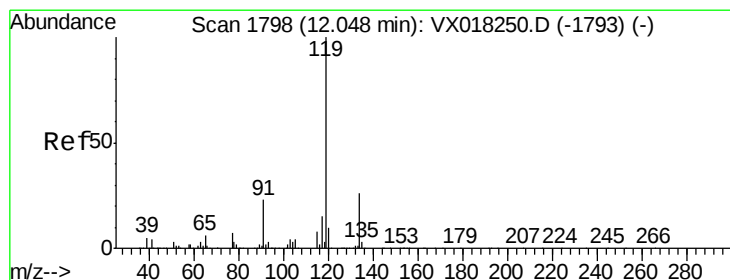
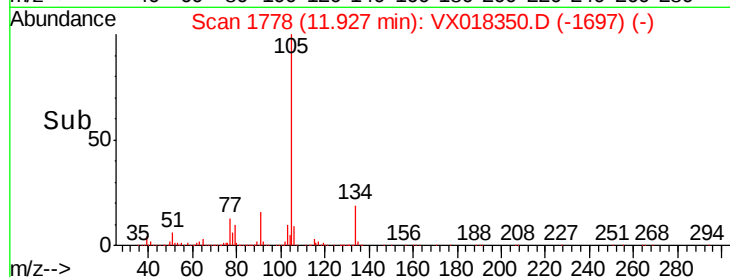
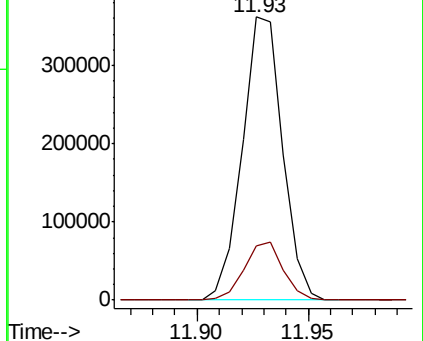
105 100

134 20.1 0.0 40.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 20.334 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

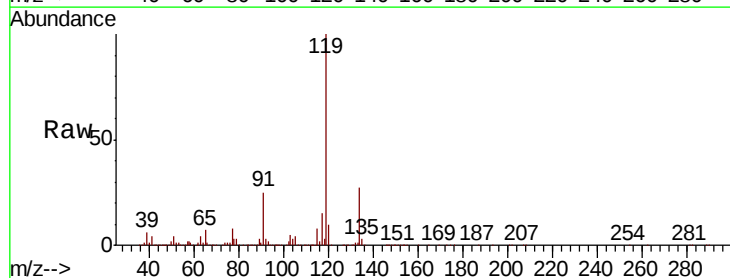
Tgt Ion:119 Resp: 420059

Ion Ratio Lower Upper

119 100

134 26.9 0.0 53.0

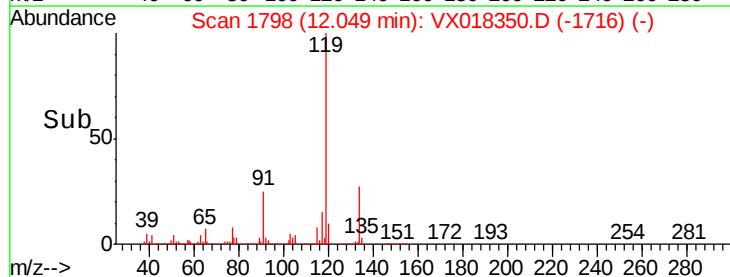
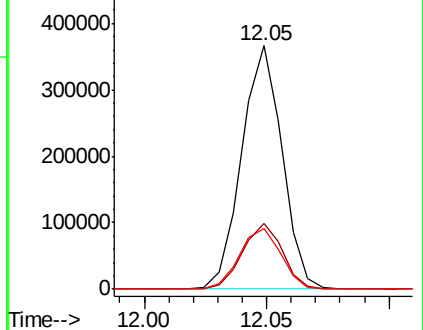
91 25.7 0.0 49.8

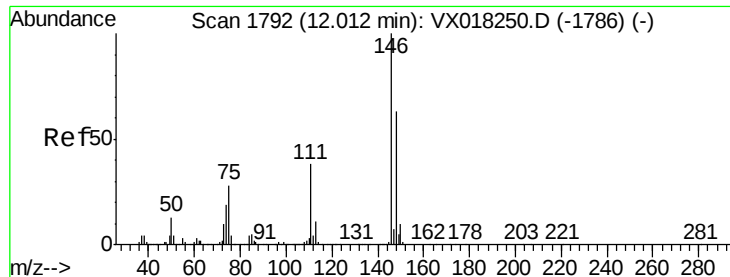


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

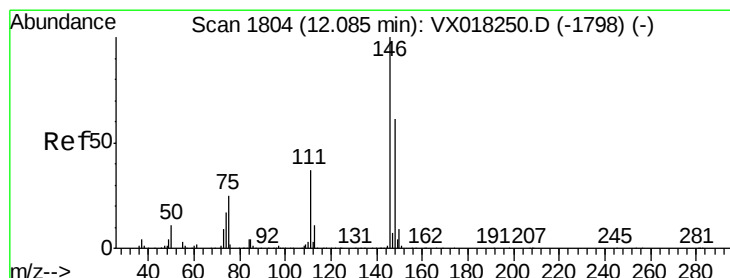
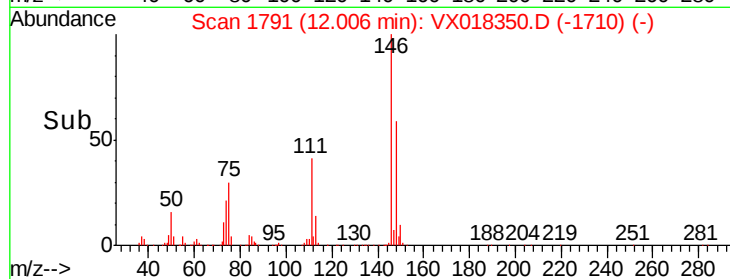
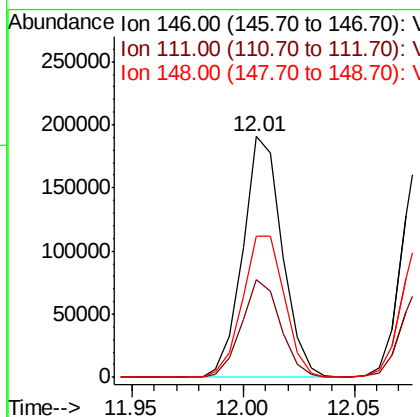
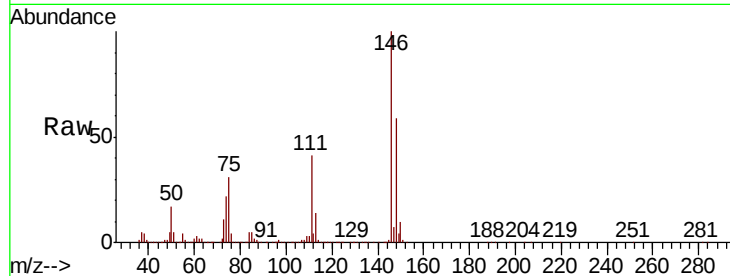




#83
 1,3-Dichlorobenzene
 Concen: 21.289 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX018350.D
 Acq: 11 Sep 2020 09:54

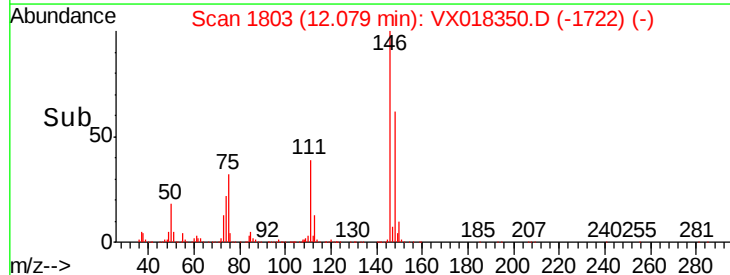
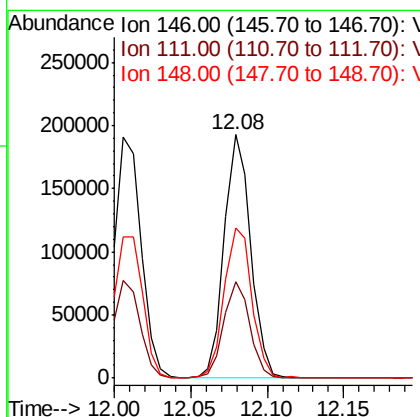
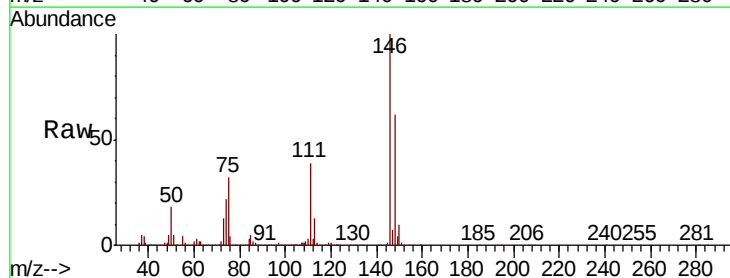
Instrument :
 MSVOA_X
 ClientSampled :

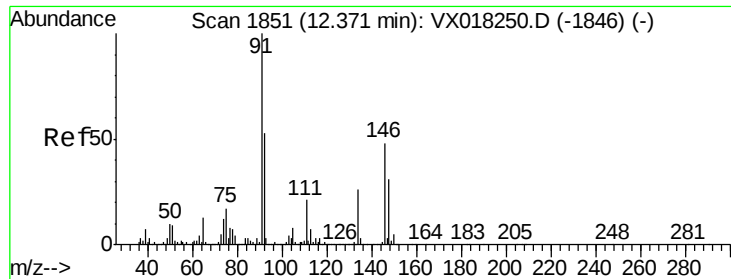
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	59.9
148	63.1	32.1	96.3



#84
 1,4-Dichlorobenzene
 Concen: 20.882 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX018350.D
 Acq: 11 Sep 2020 09:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.3	57.8
148	64.2	31.7	95.1

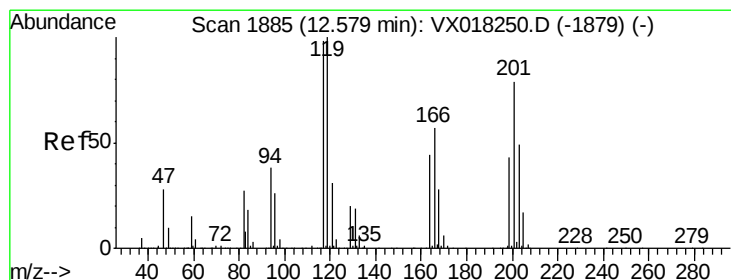
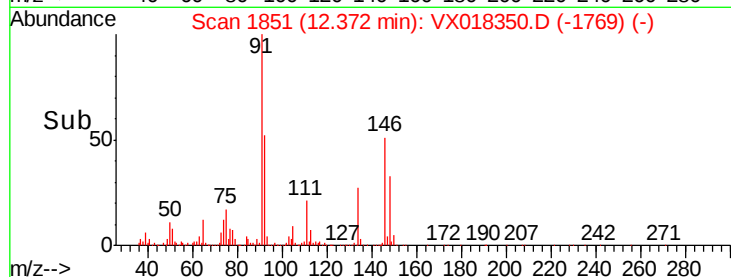
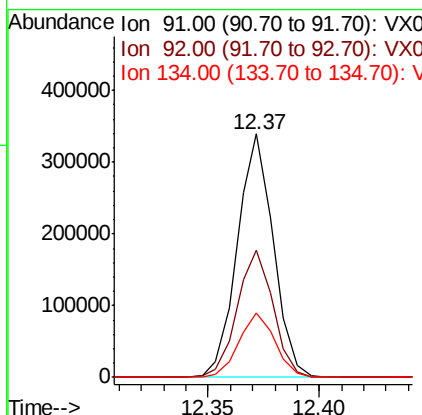
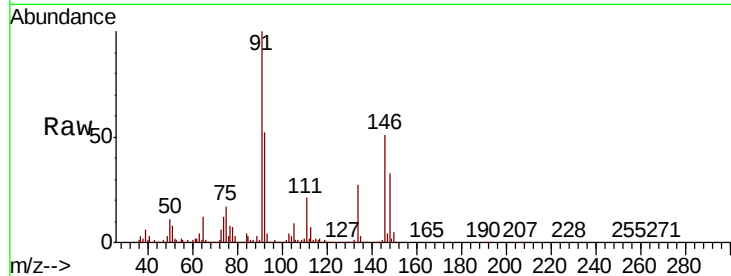




#85
n-Butylbenzene
Concen: 20.992 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

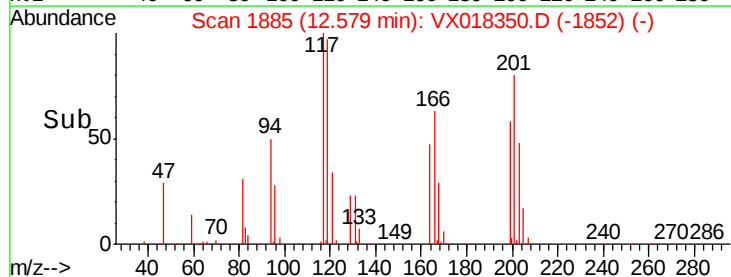
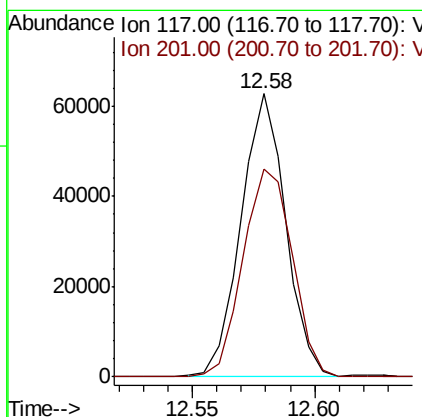
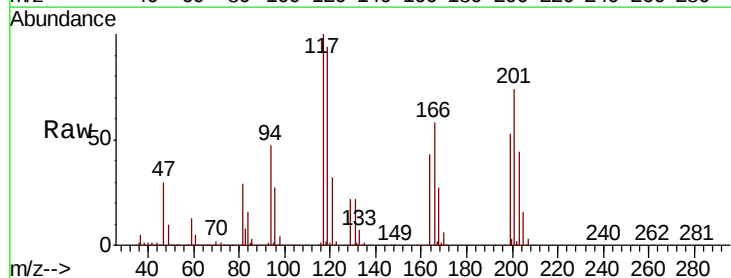
Instrument :
MSVOA_X
ClientSampled :

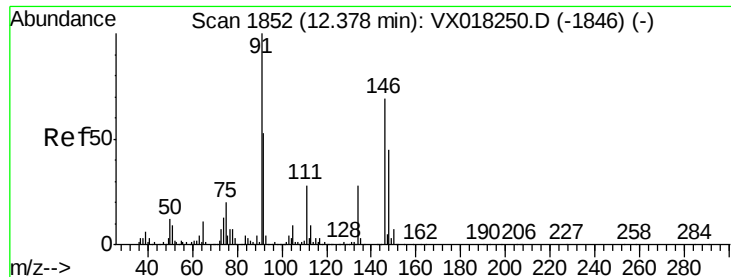
Tot Ion: 91 Resp: 381797
Ion Ratio Lower Upper
91 100
92 52.5 0.0 105.0
134 26.6 0.0 51.0



#86
Hexachloroethane
Concen: 19.485 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Tgt Ion: 117 Resp: 79251
Ion Ratio Lower Upper
117 100
201 81.7 39.6 118.8

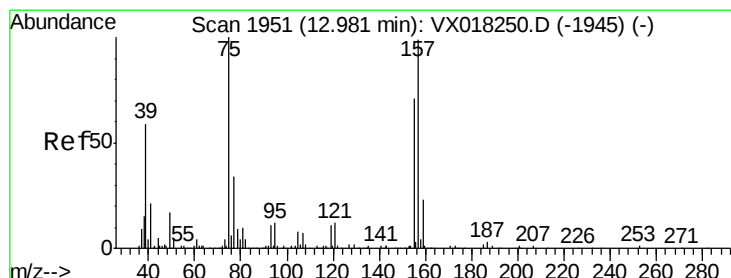
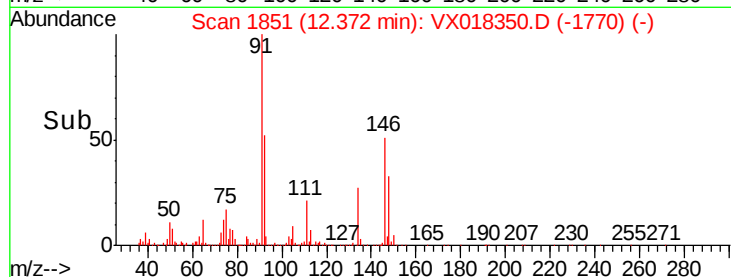
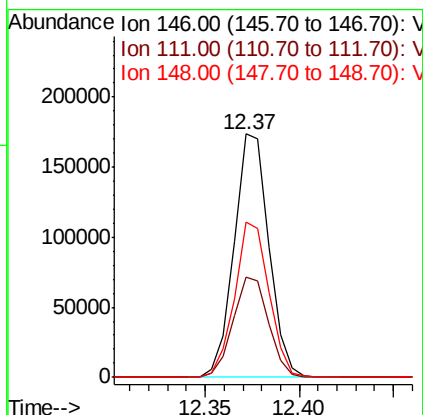
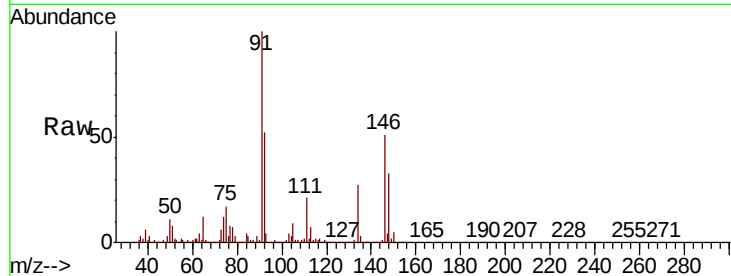




#87
 1,2-Dichlorobenzene
 Concen: 21.511 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX018350.D
 Acq: 11 Sep 2020 09:54

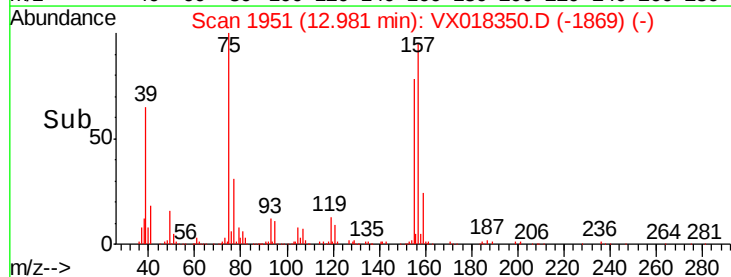
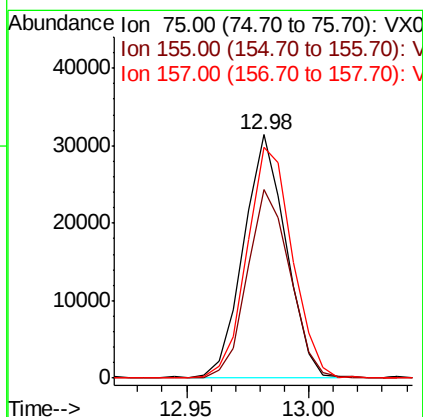
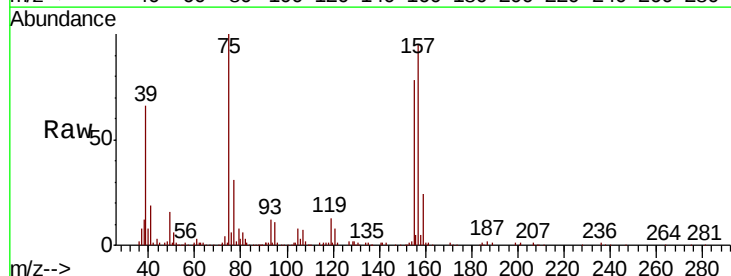
Instrument :
 MSVOA_X
 ClientSampleId :

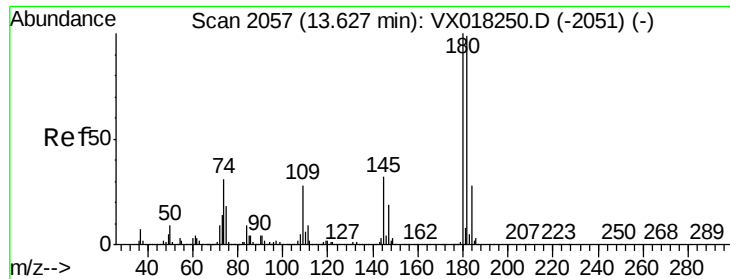
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.4	64.3
148	62.7	32.0	96.2



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.083 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018350.D
 Acq: 11 Sep 2020 09:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.0	63.4	95.2
157	100.9	87.0	130.6

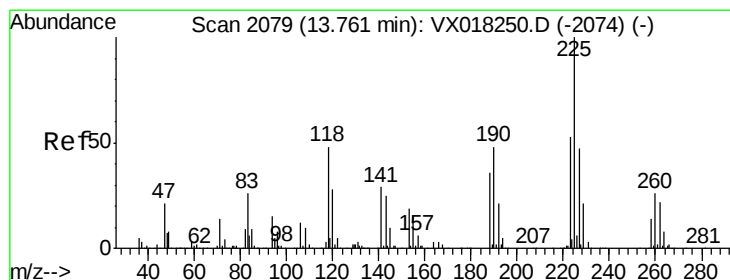
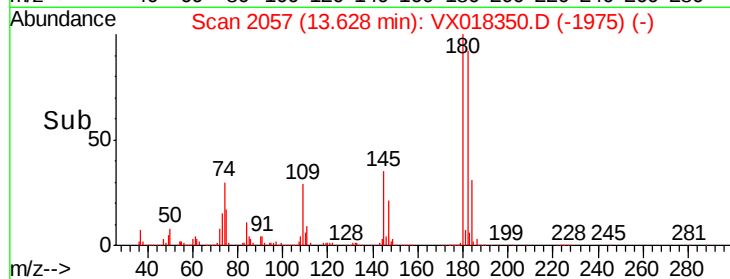
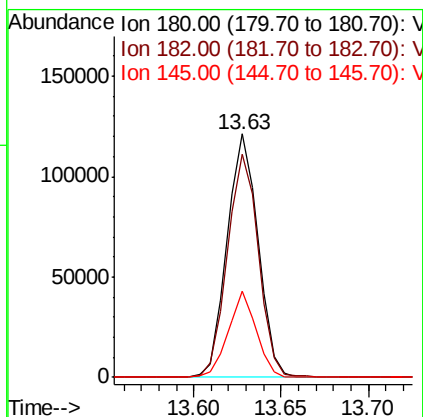
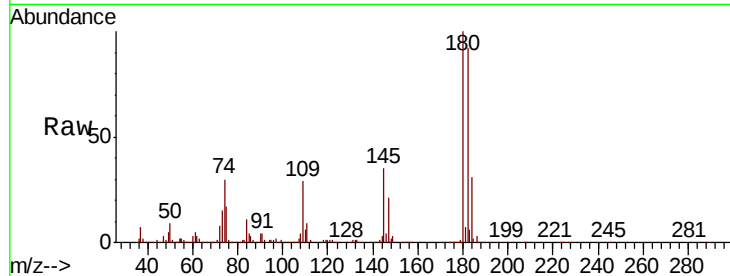




#89
 1,2,4-Trichlorobenzene
 Concen: 21.300 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018350.D
 Acq: 11 Sep 2020 09:54

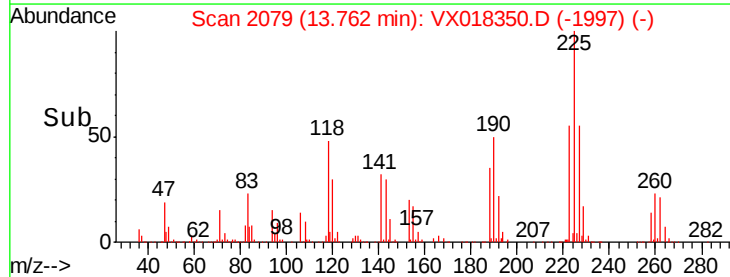
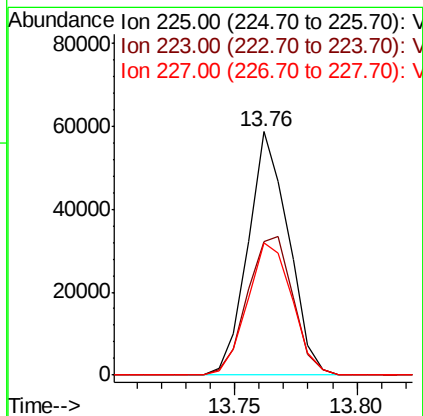
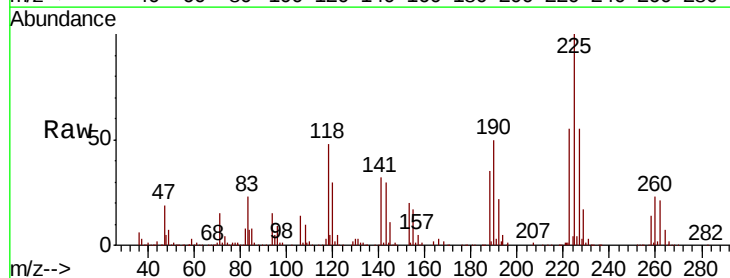
Instrument :
 MSVOA_X
 ClientSampleId :

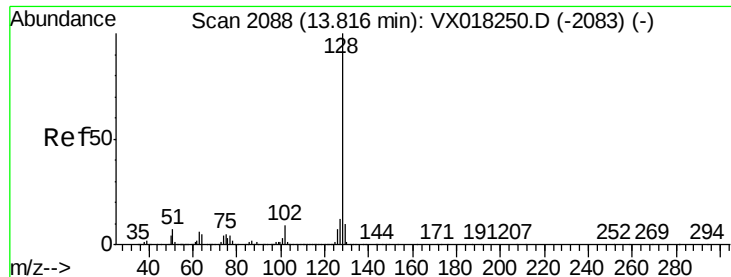
Tot Ion	Ratio	Lower	Upper
180	100		
182	91.7	77.1	115.7
145	31.9	25.0	37.6



#90
 Hexachlorobutadiene
 Concen: 22.895 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX018350.D
 Acq: 11 Sep 2020 09:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	0.0	115.8
227	60.2	0.0	117.0





#91

Naphthalene

Concen: 20.384 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

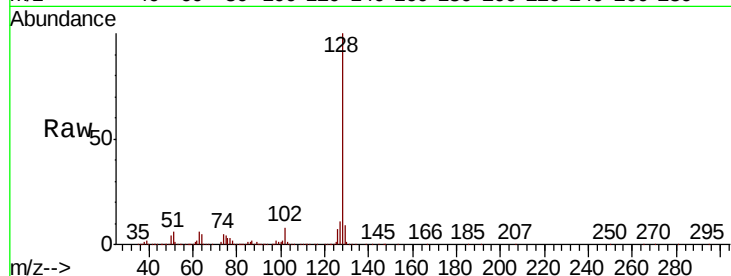
Tot Ion:128 Resp: 446200

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.4

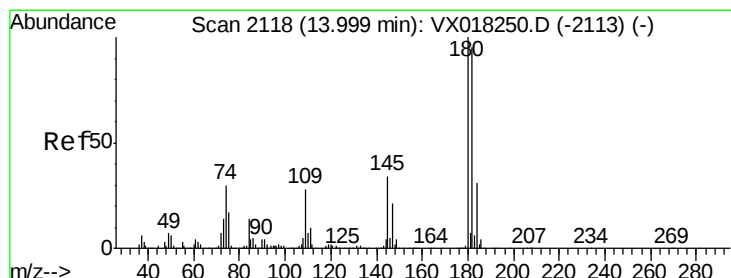
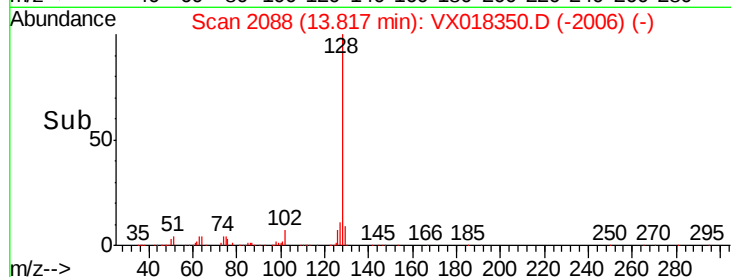
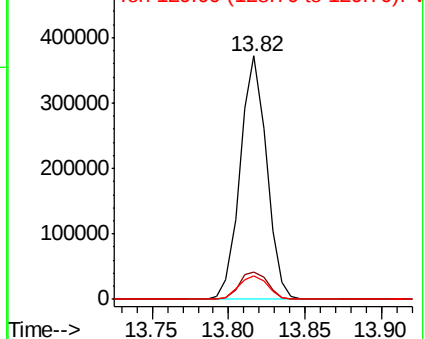
129 10.6 8.7 13.1



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



#92

1,2,3-Trichlorobenzene

Concen: 21.231 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

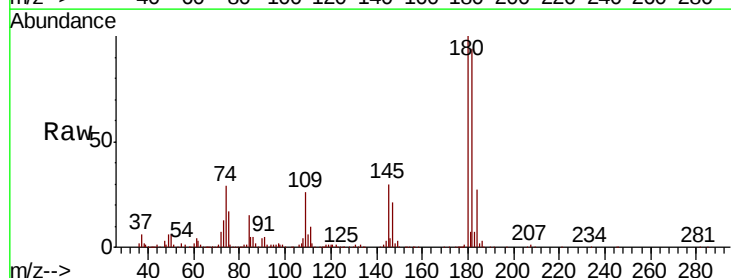
Tgt Ion:180 Resp: 147319

Ion Ratio Lower Upper

180 100

182 91.9 0.0 191.6

145 32.9 0.0 67.4



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

