

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091120\
 Data File : VX018362.D
 Acq On : 11 Sep 2020 15:27
 Operator : JC/SP
 Sample : VX0911WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 12 05:57:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	412109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	634092	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	594798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	321089	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	283579	49.57	ug/l	0.00
Spiked Amount			Recovery	=	99.14%	
35) Dibromofluoromethane	5.46	113	217522	50.37	ug/l	0.00
Spiked Amount			Recovery	=	100.74%	
50) Toluene-d8	8.70	98	742537	46.17	ug/l	0.00
Spiked Amount			Recovery	=	92.34%	
62) 4-Bromofluorobenzene	11.12	95	293603	46.40	ug/l	0.00
Spiked Amount			Recovery	=	92.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	86038	17.148	ug/l	99
3) Chloromethane	1.31	50	79558	15.040	ug/l	98
4) Vinyl Chloride	1.39	62	84091	15.969	ug/l	92
5) Bromomethane	1.64	94	57958	22.819	ug/l	95
6) Chloroethane	1.71	64	51864	18.338	ug/l	97
7) Trichlorofluoromethane	1.92	101	147439	20.534	ug/l	97
8) Diethyl Ether	2.17	74	48392	19.873	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	74269	19.132	ug/l	97
10) Methyl Iodide	2.49	142	72681	20.936	ug/l	97
11) Tert butyl alcohol	3.00	59	89343	80.316	ug/l	99
12) 1,1-Dichloroethene	2.36	96	70488	17.502	ug/l	98
13) Acrolein	2.27	56	51048	110.674	ug/l	99
14) Allyl chloride	2.71	41	126824	17.528	ug/l	94
15) Acrylonitrile	3.12	53	225258	89.270	ug/l	98
16) Acetone	2.42	43	211794	95.005	ug/l	93
17) Carbon Disulfide	2.55	76	183571	15.078	ug/l	99
18) Methyl Acetate	2.75	43	117694	21.878	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	267080	19.337	ug/l	97
20) Methylene Chloride	2.84	84	90025	19.027	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	77980	17.477	ug/l	96
22) Diisopropyl ether	3.82	45	261308	18.298	ug/l	91
23) Vinyl Acetate	3.78	43	1145181	90.120	ug/l	100
24) 1,1-Dichloroethane	3.67	63	148528	18.271	ug/l	99
25) 2-Butanone	4.64	43	313120	85.464	ug/l	99
26) 2,2-Dichloropropane	4.55	77	131191	19.834	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	89486	17.407	ug/l	98
28) Bromochloromethane	4.98	49	75009	19.116	ug/l	97
29) Tetrahydrofuran	5.09	42	194225	83.277	ug/l	97
30) Chloroform	5.17	83	161045	19.132	ug/l	99
31) Cyclohexane	5.55	56	112106	16.371	ug/l	93
32) 1,1,1-Trichloroethane	5.46	97	147072	19.039	ug/l	99
36) 1,1-Dichloropropene	5.77	75	107217	18.332	ug/l	98
37) Ethyl Acetate	4.79	43	117529	17.302	ug/l	97
38) Carbon Tetrachloride	5.75	117	134048	20.338	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	114641	17.926	ug/l	98
40) Benzene	6.11	78	311754	18.141	ug/l	99
41) Methacrylonitrile	5.00	41	66788	17.907	ug/l	97
42) 1,2-Dichloroethane	6.16	62	135657	20.603	ug/l	99
43) Isopropyl Acetate	6.41	43	200719	18.295	ug/l	100
44) Trichloroethene	7.18	130	93109	19.175	ug/l	100
45) 1,2-Dichloropropane	7.49	63	87485	18.888	ug/l	91
46) Dibromomethane	7.63	93	61993	19.033	ug/l	99
47) Bromodichloromethane	7.87	83	131013	20.145	ug/l	99
48) Methyl methacrylate	7.74	41	98291	17.996	ug/l	97
49) 1,4-Dioxane	7.71	88	29948	302.707	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	628493	92.737	ug/l	100
52) Toluene	8.76	92	204402	18.757	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	137915	19.134	ug/l	94
54) cis-1,3-Dichloropropene	8.41	75	146175	19.144	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	87576	18.844	ug/l	97
56) Ethyl methacrylate	9.16	69	123675	17.900	ug/l	97
57) 1,3-Dichloropropane	9.35	76	141449	18.453	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	300432	96.664	ug/l	98
59) 2-Hexanone	9.47	43	472679	91.724	ug/l	98
60) Dibromochloromethane	9.57	129	108423	19.887	ug/l	100
61) 1,2-Dibromoethane	9.65	107	98494	19.520	ug/l	96
64) Tetrachloroethene	9.32	164	87487	20.016	ug/l	98
65) Chlorobenzene	10.12	112	224946	18.936	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	93307	19.929	ug/l	99
67) Ethyl Benzene	10.24	91	385407	19.078	ug/l	99
68) m/p-Xylenes	10.34	106	297928	39.511	ug/l	98
69) o-Xylene	10.68	106	138280	18.918	ug/l	99
70) Styrene	10.70	104	241225	19.378	ug/l	98
71) Bromoform	10.84	173	83026	20.790	ug/l #	100
73) Isopropylbenzene	11.00	105	384965	18.176	ug/l	100
74) N-amyl acetate	10.88	43	165956	16.515	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	131790	17.639	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	159188	22.287	ug/l	85
77) Bromobenzene	11.24	156	103384	17.659	ug/l	98
78) n-propylbenzene	11.34	91	442969	18.420	ug/l	99
79) 2-Chlorotoluene	11.40	91	275842	18.566	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	334306	19.208	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	45197	17.090	ug/l	94
82) 4-Chlorotoluene	11.49	91	319063	18.064	ug/l	100
83) tert-Butylbenzene	11.76	119	323083	18.810	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	334081	18.775	ug/l	99
85) sec-Butylbenzene	11.93	105	367843	18.833	ug/l	99
86) p-Isopropyltoluene	12.05	119	353529	19.705	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	193778	18.852	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	196458	19.089	ug/l	97
89) n-Butylbenzene	12.37	91	296038	18.078	ug/l	99
90) Hexachloroethane	12.58	117	69559	19.706	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	185129	19.134	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	32371	17.328	ug/l	96

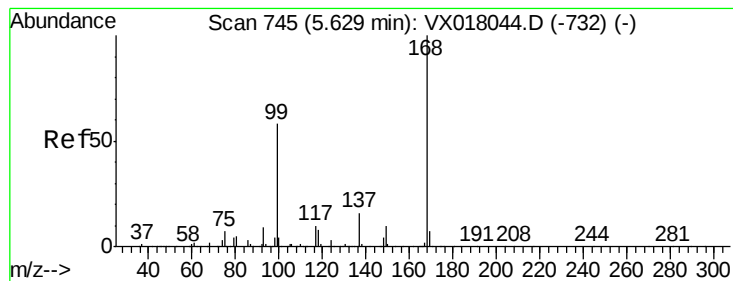
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	118644	18.389	ug/l	97
94) Hexachlorobutadiene	13.76	225	53027	20.837	ug/l	97
95) Naphthalene	13.82	128	380937	17.940	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	118225	18.545	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018362.D

Acq: 11 Sep 2020 15:27

Instrument :

MSVOA_X

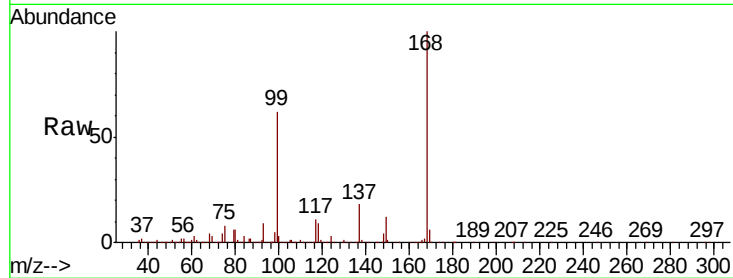
ClientSampleId :

Tot Ion:168 Resp: 412109

Ion Ratio Lower Upper

168 100

99 61.6 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

150000

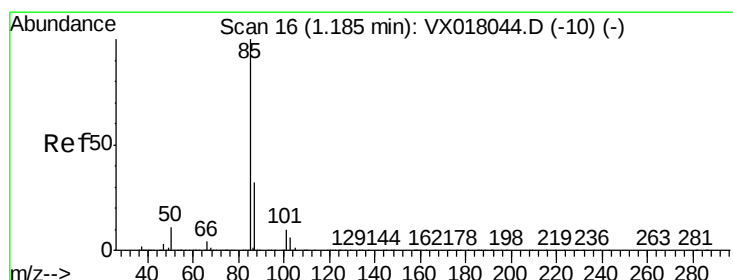
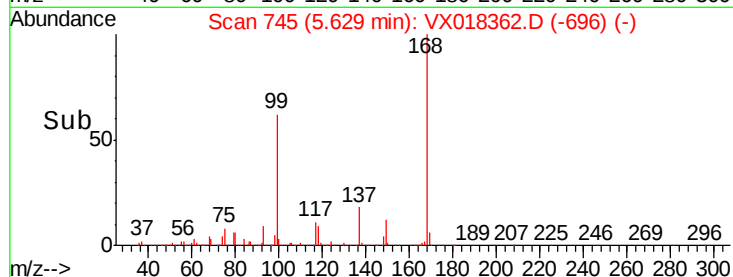
100000

50000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 17.148 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018362.D

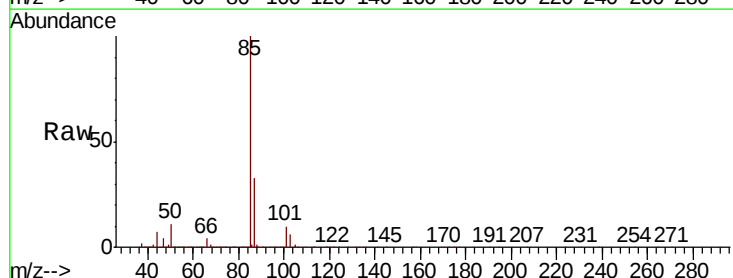
Acq: 11 Sep 2020 15:27

Tgt Ion: 85 Resp: 86038

Ion Ratio Lower Upper

85 100

87 32.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

120000

100000

80000

60000

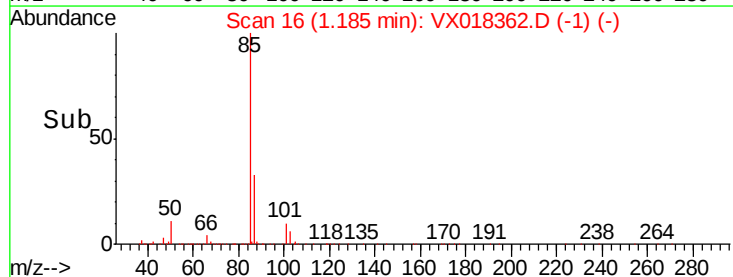
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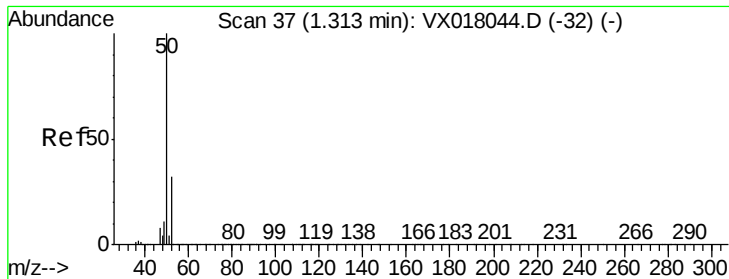
20000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 15.040 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018362.D

Acq: 11 Sep 2020 15:27

Instrument :

MSVOA_X

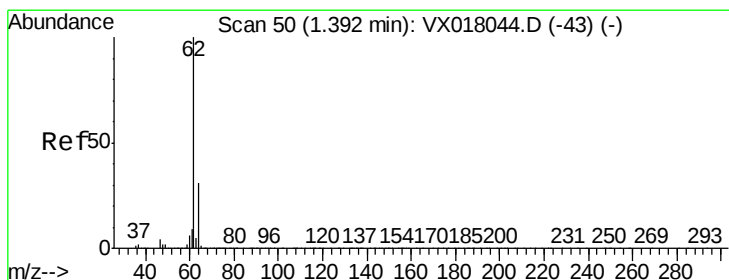
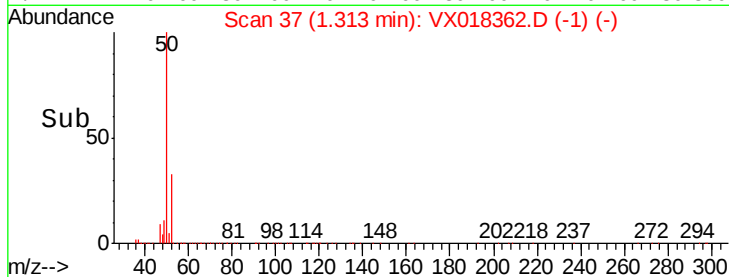
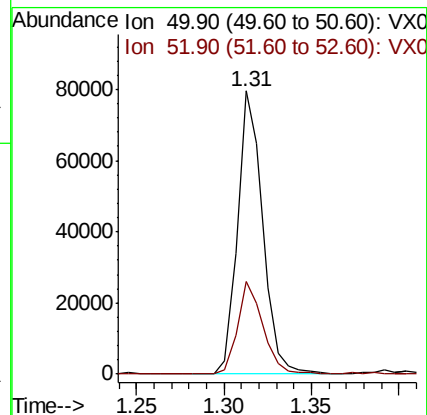
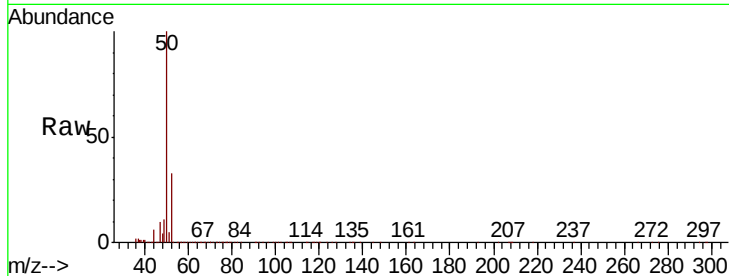
ClientSampleId :

Tot Ion: 50 Resp: 79558

Ion Ratio Lower Upper

50 100

52 32.7 25.4 38.2



#4

Vinyl Chloride

Concen: 15.969 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018362.D

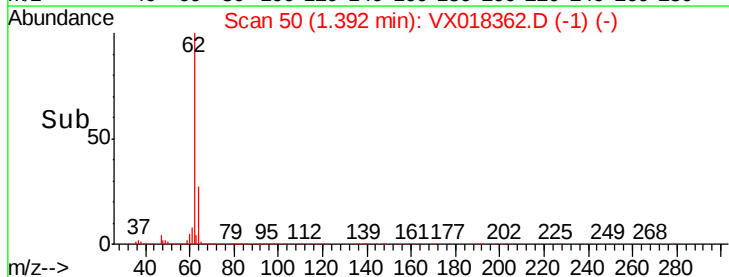
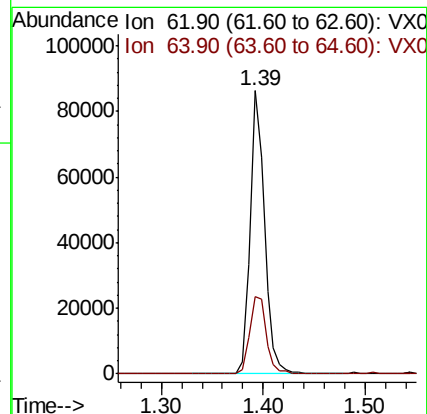
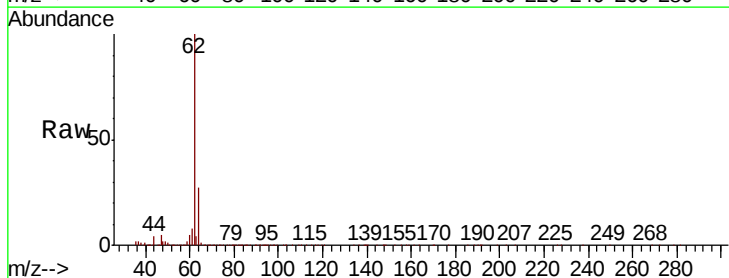
Acq: 11 Sep 2020 15:27

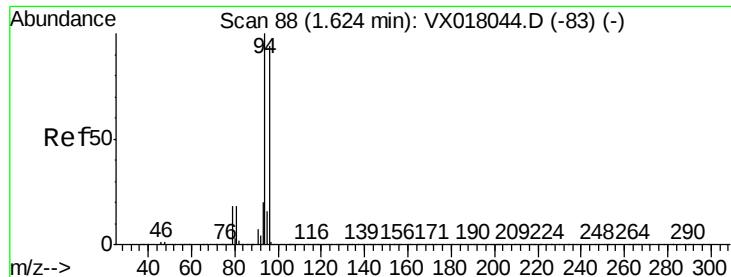
Tgt Ion: 62 Resp: 84091

Ion Ratio Lower Upper

62 100

64 27.2 25.1 37.7





#5

Bromomethane

Concen: 22.819 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX018362.D

Acq: 11 Sep 2020 15:27

Instrument :

MSVOA_X

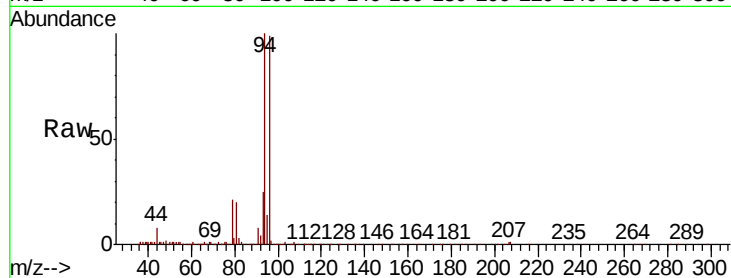
ClientSampleId :

Tot Ion: 94 Resp: 57958

Ion Ratio Lower Upper

94 100

96 98.6 74.8 112.2

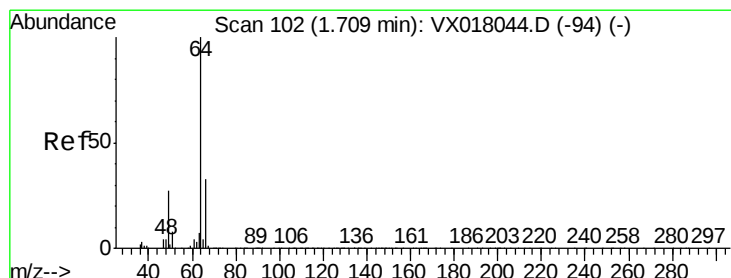
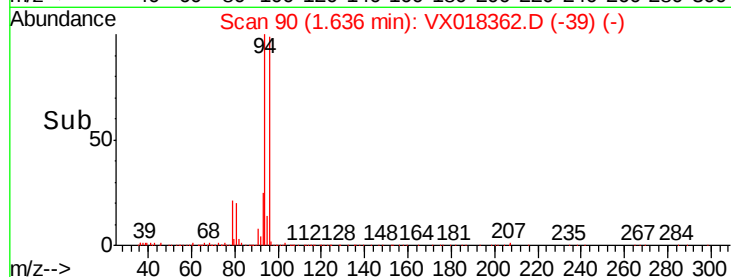


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 18.338 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018362.D

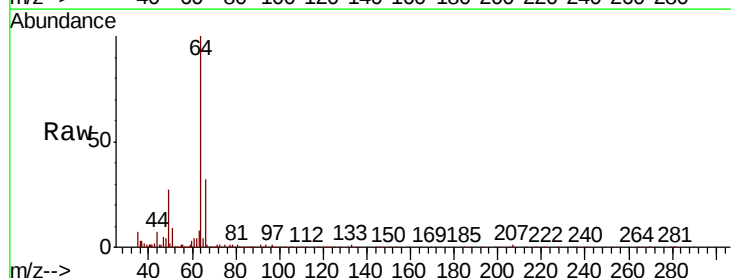
Acq: 11 Sep 2020 15:27

Tgt Ion: 64 Resp: 51864

Ion Ratio Lower Upper

64 100

66 31.4 26.6 39.8

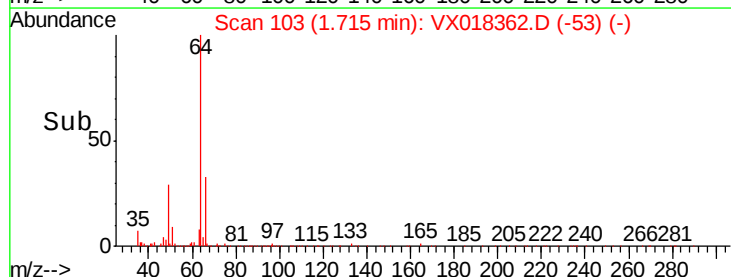


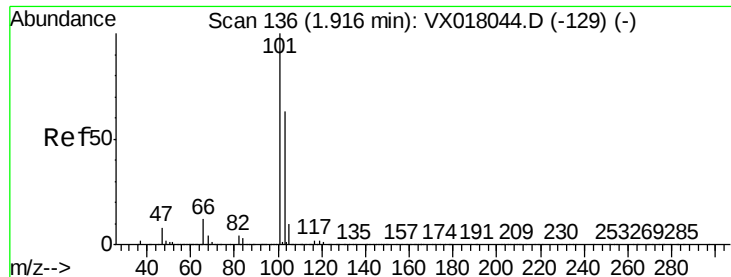
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

Time--> 1.60 1.70 1.80



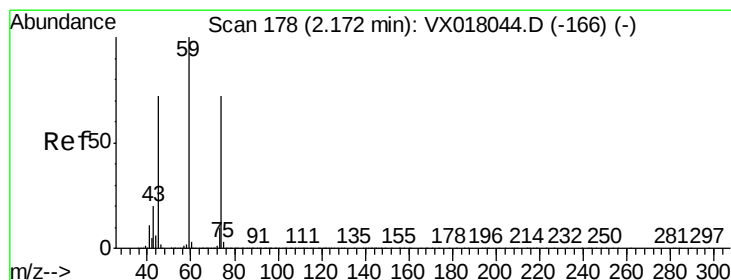
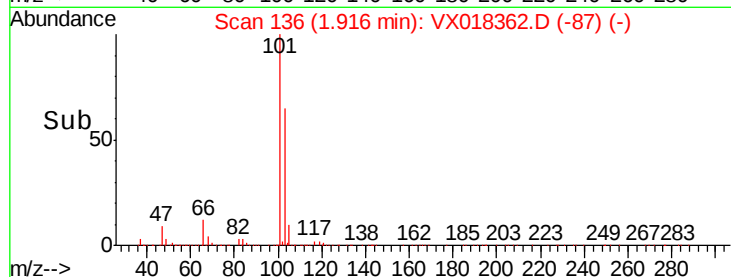
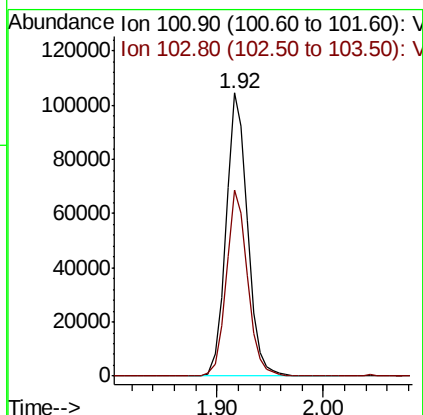
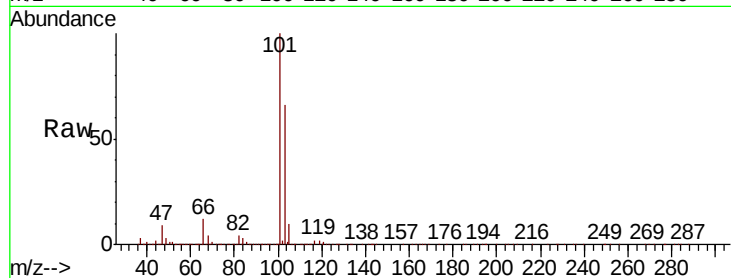


#7

Trichlorofluoromethane
Concen: 20.534 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018362.D
Acq: 11 Sep 2020 15:27

Instrument :
MSVOA_X
ClientSampleId :

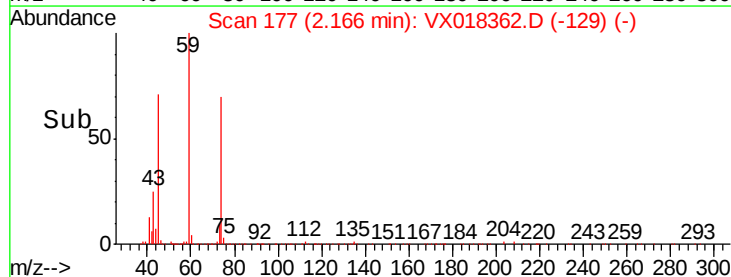
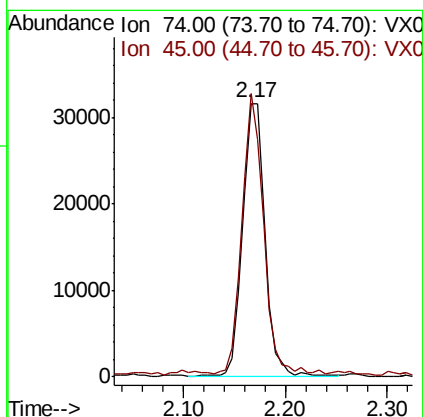
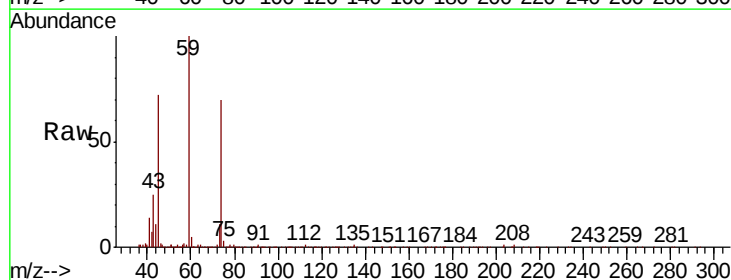
Tot Ion:101 Resp: 147439
Ion Ratio Lower Upper
101 100
103 65.5 50.7 76.1

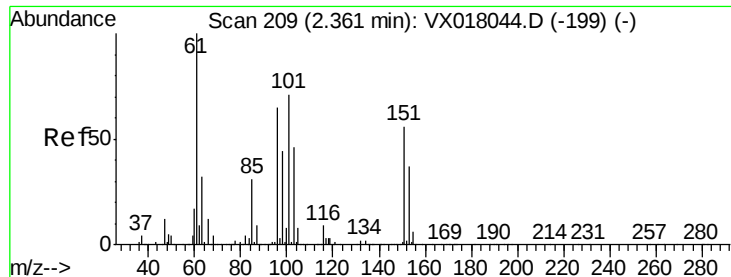


#8

Diethyl Ether
Concen: 19.873 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018362.D
Acq: 11 Sep 2020 15:27

Tgt Ion: 74 Resp: 48392
Ion Ratio Lower Upper
74 100
45 95.9 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.132 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018362.D

Acq: 11 Sep 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

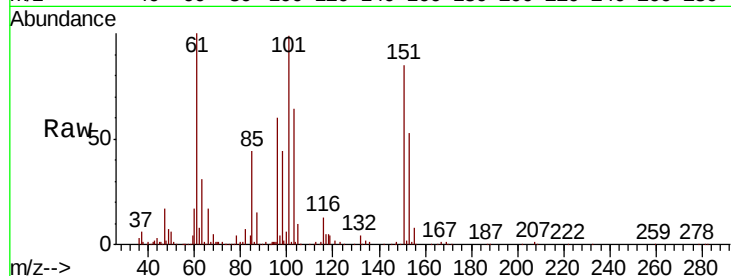
Tot Ion:101 Resp: 74269

Ion Ratio Lower Upper

101 100

85 45.7 34.0 51.0

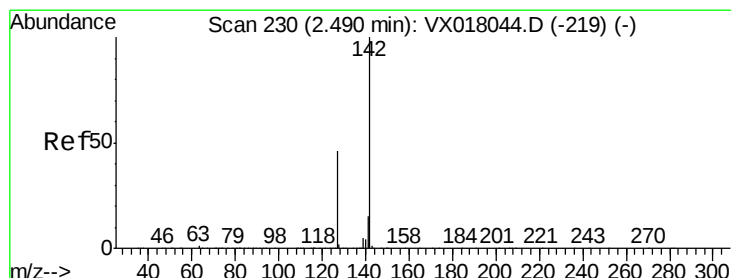
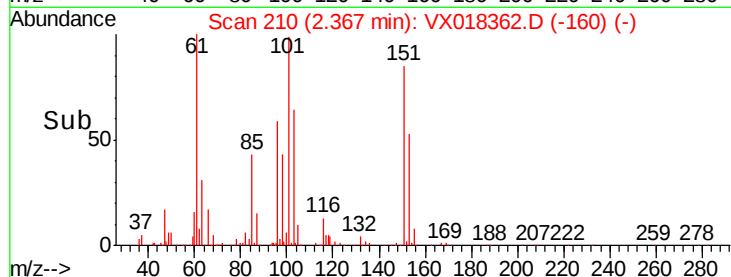
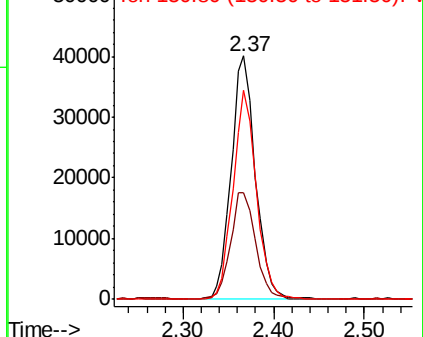
151 82.9 65.2 97.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.936 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018362.D

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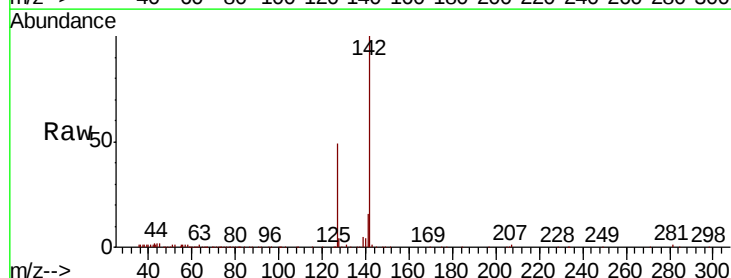
Tgt Ion:142 Resp: 72681

Ion Ratio Lower Upper

142 100

127 48.3 37.0 55.6

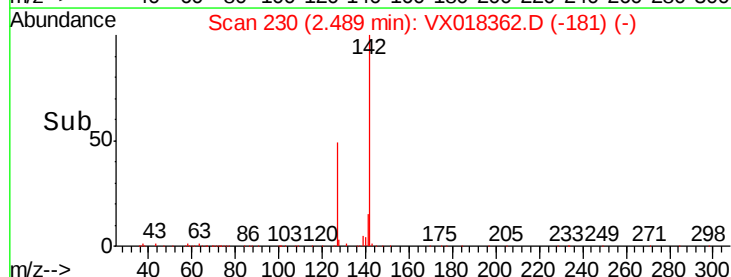
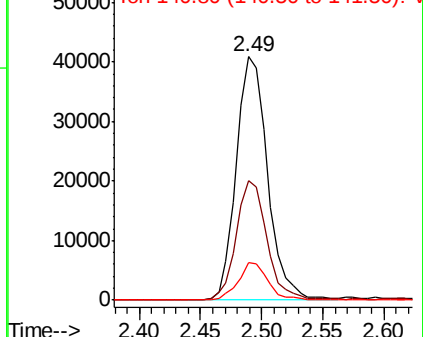
141 15.0 11.5 17.3

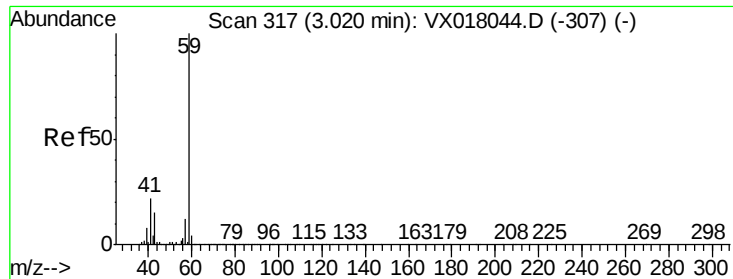


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



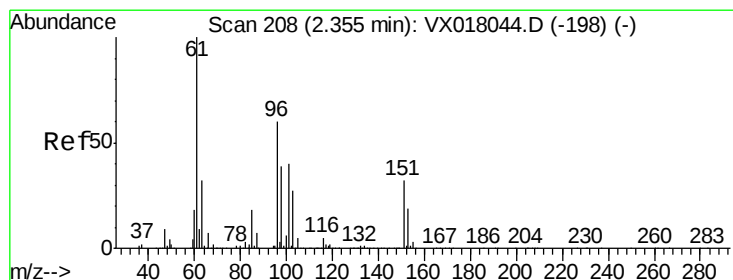
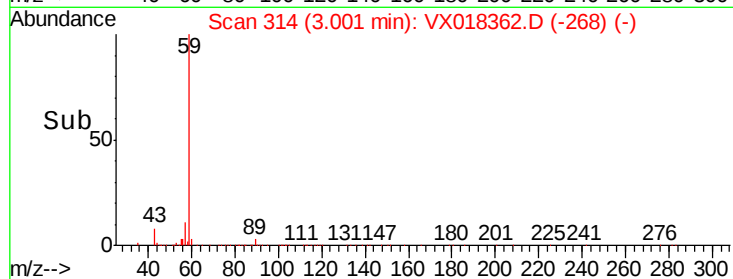
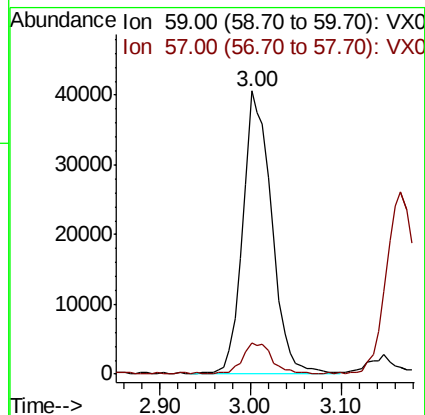
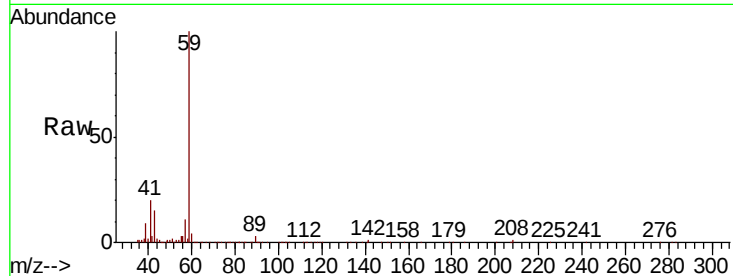


#11

Tert butyl alcohol
 Concen: 80.316 ug/l
 RT: 3.00 min Scan# 314
 Delta R.T. -0.02 min
 Lab File: VX018362.D
 Acq: 11 Sep 2020 15:27

Instrument :
 MSVOA_X
 ClientSampleId :

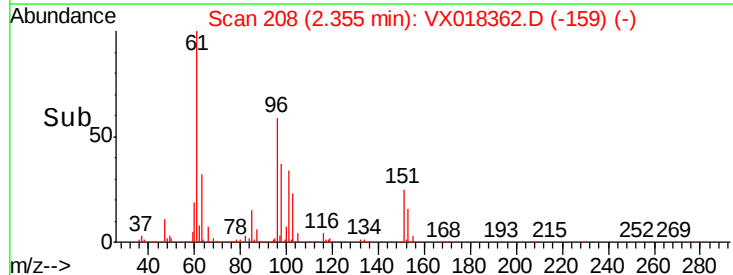
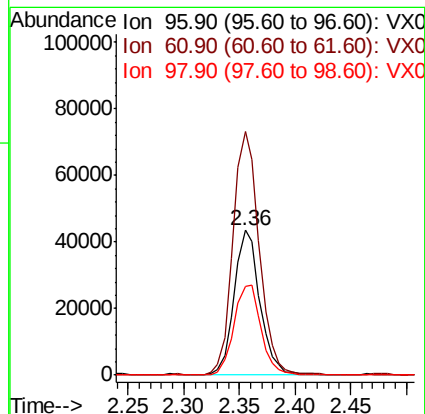
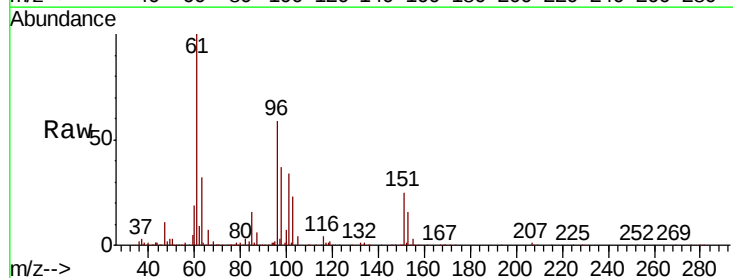
Tot Ion: 59 Resp: 89343
 Ion Ratio Lower Upper
 59 100
 57 11.4 8.9 13.3

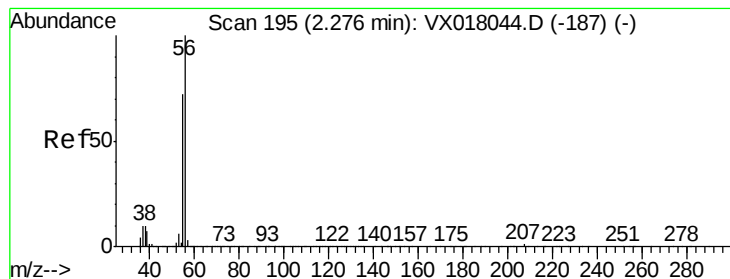


#12

1,1-Dichloroethene
 Concen: 17.502 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX018362.D
 Acq: 11 Sep 2020 15:27

Tgt Ion: 96 Resp: 70488
 Ion Ratio Lower Upper
 96 100
 61 168.1 133.0 199.4
 98 61.7 51.6 77.4





#13

Acrolein

Concen: 110.674 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018362.D

Acq: 11 Sep 2020 15:27

Instrument :

MSVOA_X

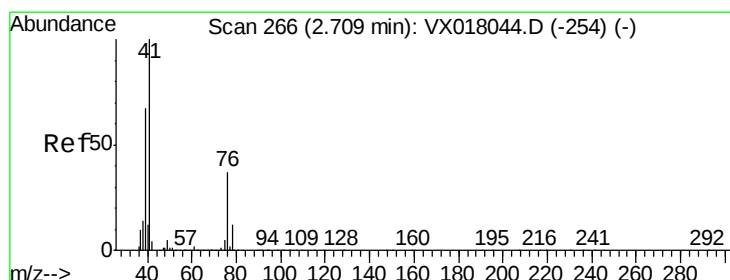
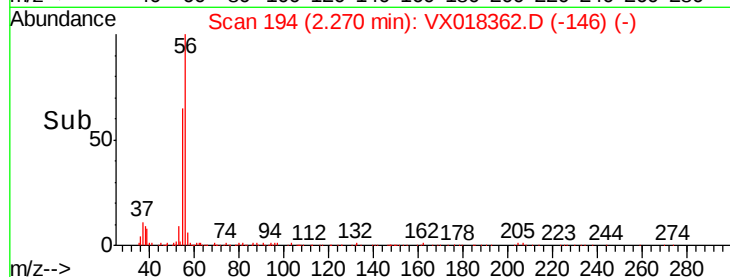
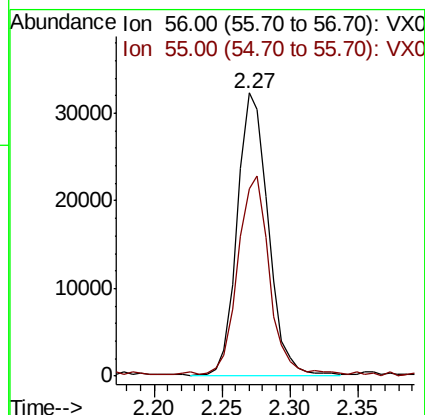
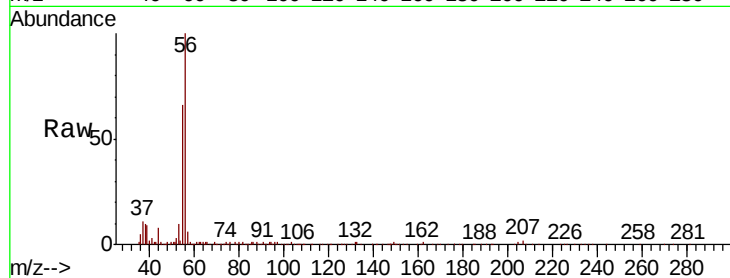
ClientSampleId :

Tot Ion: 56 Resp: 51048

Ion Ratio Lower Upper

56 100

55 72.3 57.0 85.6



#14

Allyl chloride

Concen: 17.528 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018362.D

Acq: 11 Sep 2020 15:27

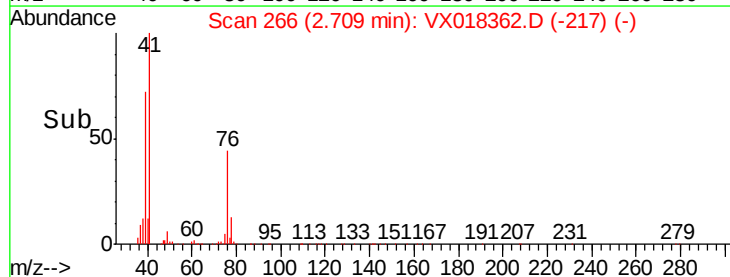
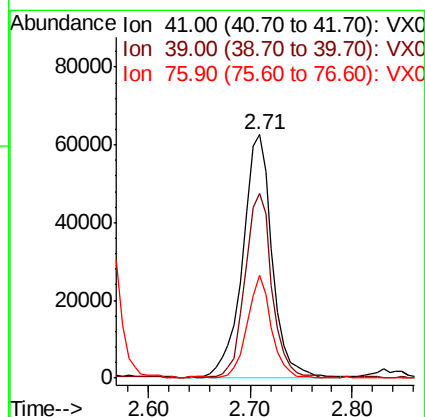
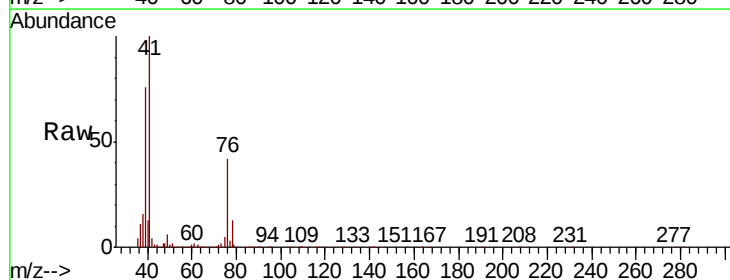
Tgt Ion: 41 Resp: 126824

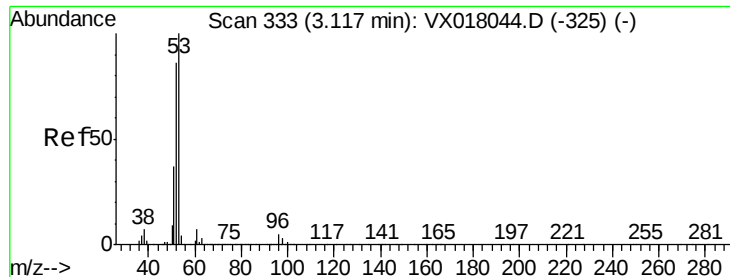
Ion Ratio Lower Upper

41 100

39 69.4 50.6 76.0

76 34.4 26.2 39.2





#15

Acrylonitrile

Concen: 89.270 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018362.D

Acq: 11 Sep 2020 15:27

Instrument :

MSVOA_X

ClientSampled :

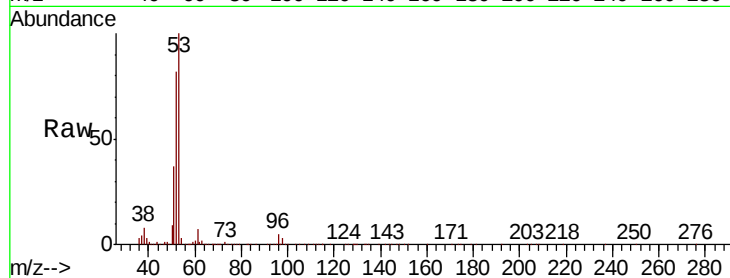
Tot Ion: 53 Resp: 225258

Ion Ratio Lower Upper

53 100

52 81.8 66.9 100.3

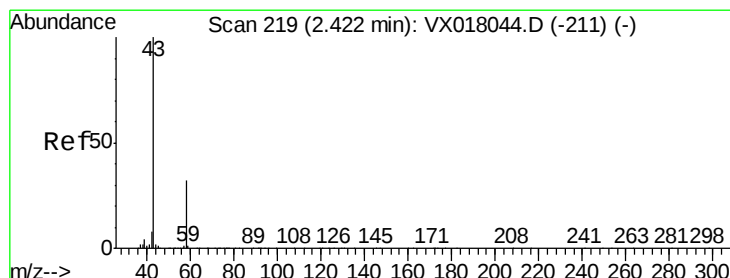
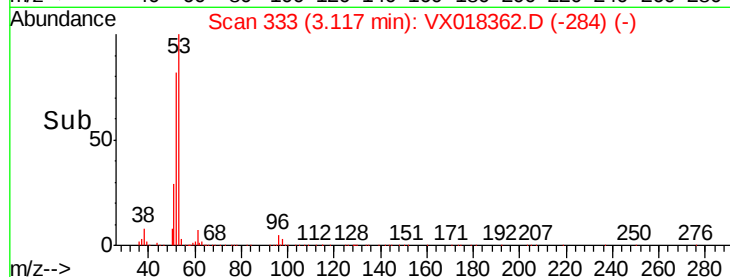
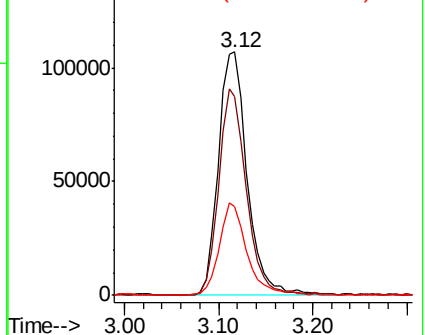
51 37.4 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 95.005 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX018362.D

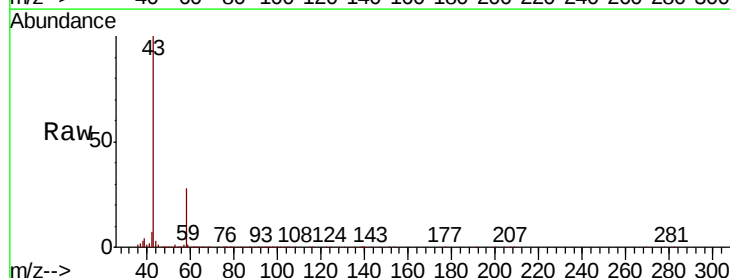
Acq: 11 Sep 2020 15:27

Tgt Ion: 43 Resp: 211794

Ion Ratio Lower Upper

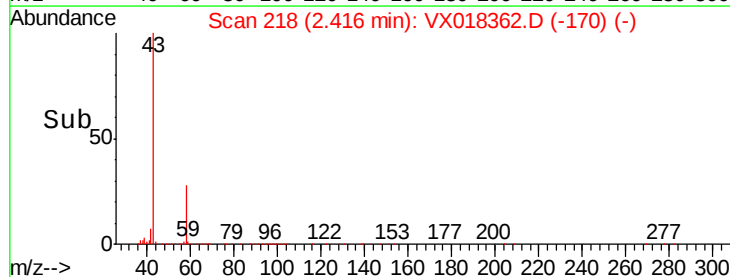
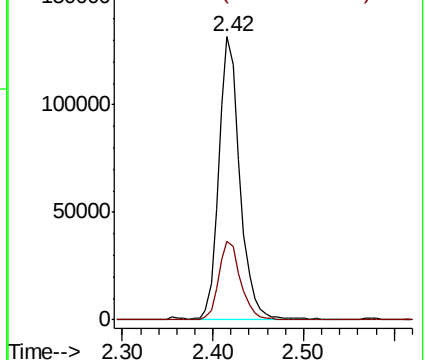
43 100

58 27.7 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

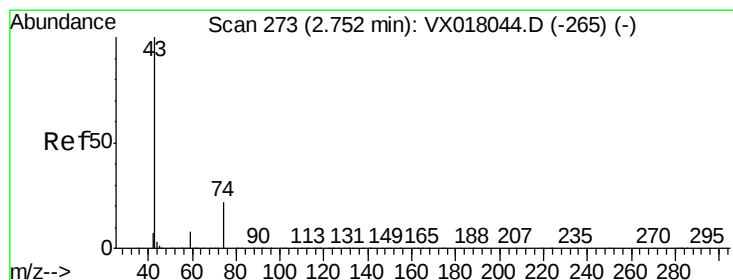
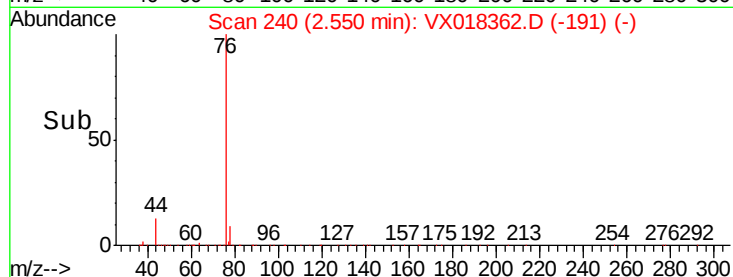
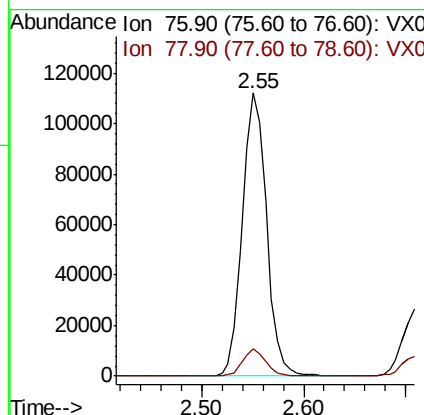
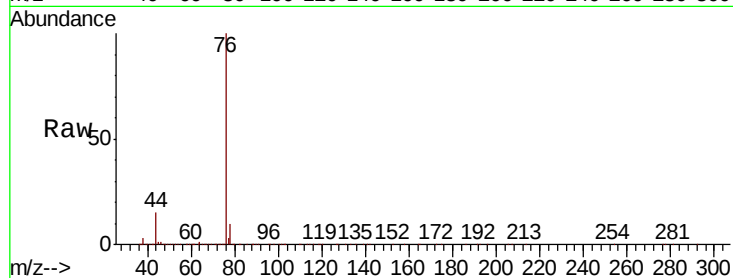




#17
Carbon Disulfide
Concen: 15.078 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018362.D
Acq: 11 Sep 2020 15:27

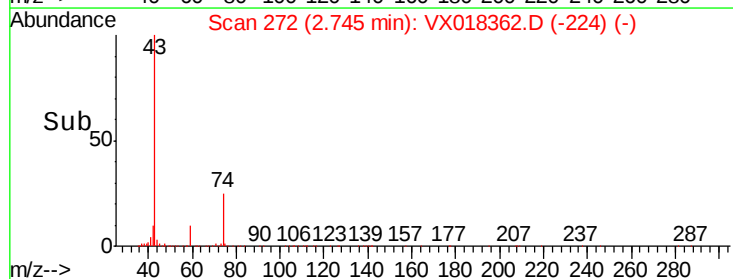
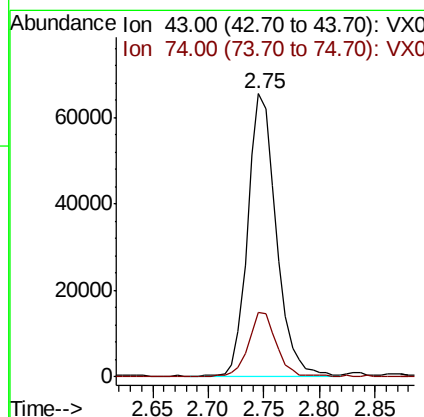
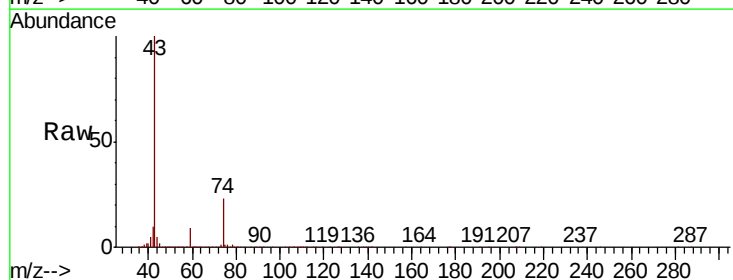
Instrument :
MSVOA_X
ClientSampleId :

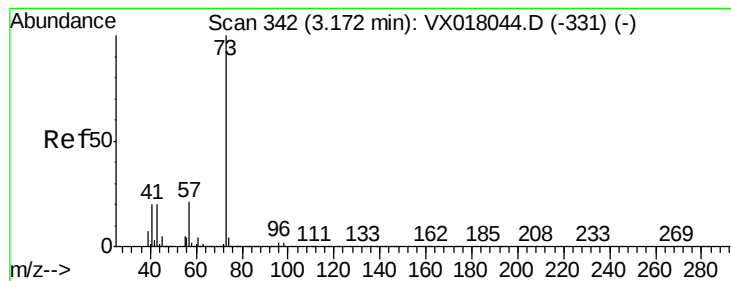
Tot Ion: 76 Resp: 183571
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 21.878 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018362.D
Acq: 11 Sep 2020 15:27

Tgt Ion: 43 Resp: 117694
Ion Ratio Lower Upper
43 100
74 22.7 18.2 27.4



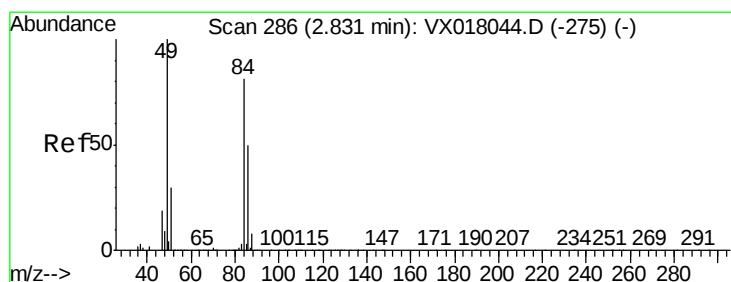
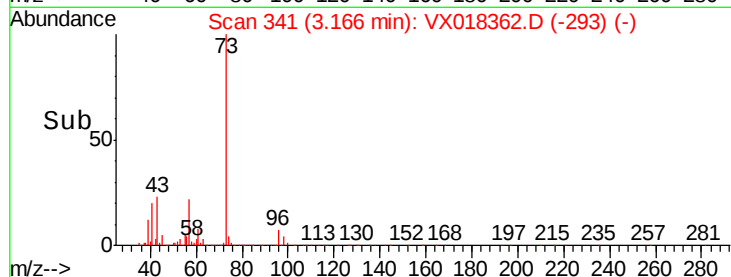
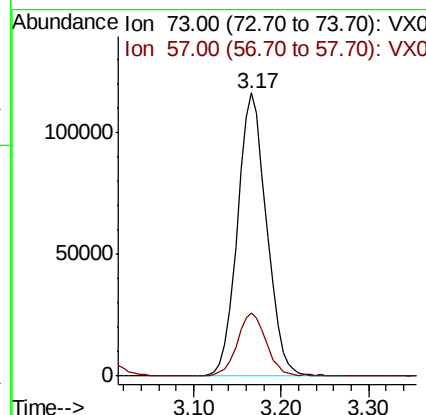
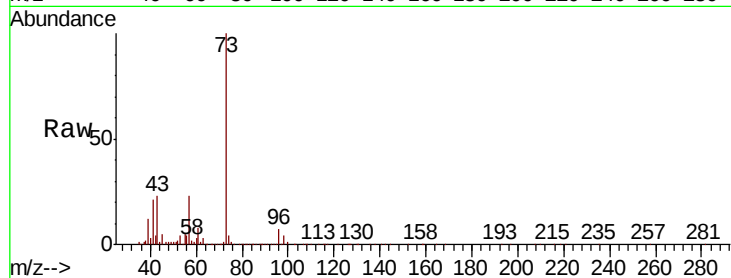


#19

Methyl tert-butyl Ether
 Concen: 19.337 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX018362.D
 Acq: 11 Sep 2020 15:27

Instrument :
 MSVOA_X
 ClientSampleId :

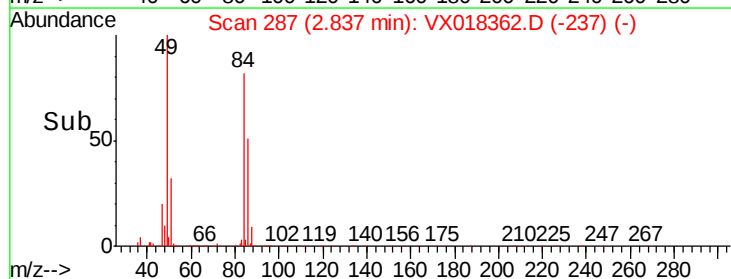
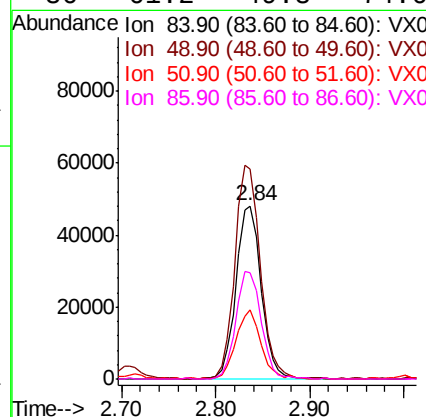
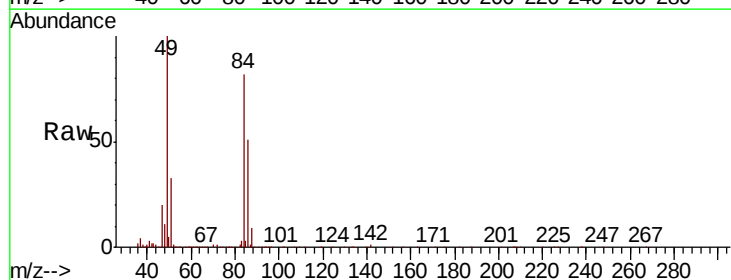
Tot Ion: 73 Resp: 267080
 Ion Ratio Lower Upper
 73 100
 57 22.5 16.8 25.2



#20

Methylene Chloride
 Concen: 19.027 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: VX018362.D
 Acq: 11 Sep 2020 15:27

Tgt Ion: 84 Resp: 90025
 Ion Ratio Lower Upper
 84 100
 49 121.1 98.6 148.0
 51 39.6 29.6 44.4
 86 61.2 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 17.477 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018362.D

Acq: 11 Sep 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

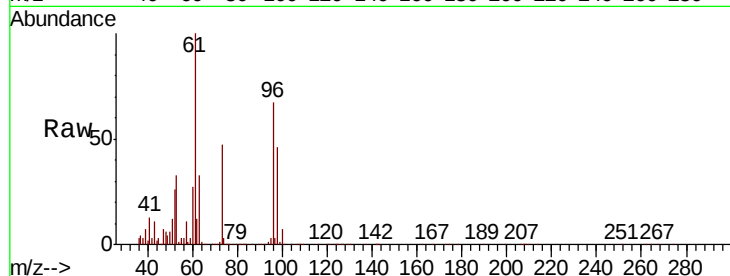
Tot Ion: 96 Resp: 77980

Ion Ratio Lower Upper

96 100

61 148.0 115.4 173.0

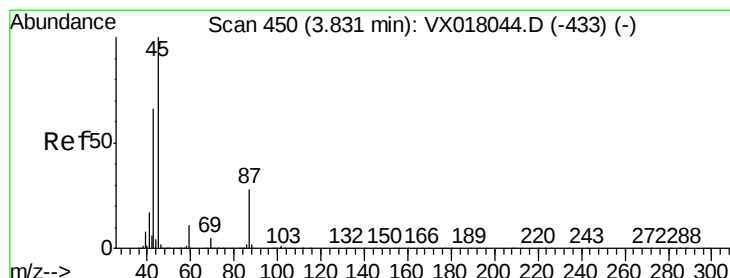
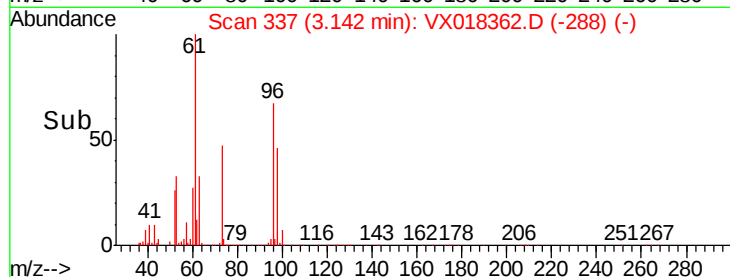
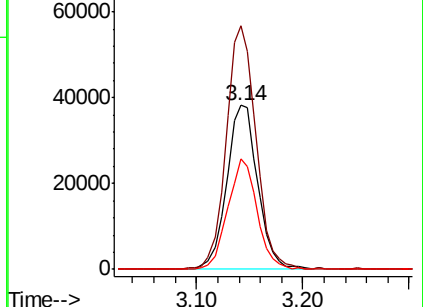
98 67.7 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.298 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX018362.D

Acq: 11 Sep 2020 15:27

Tgt Ion: 45 Resp: 261308

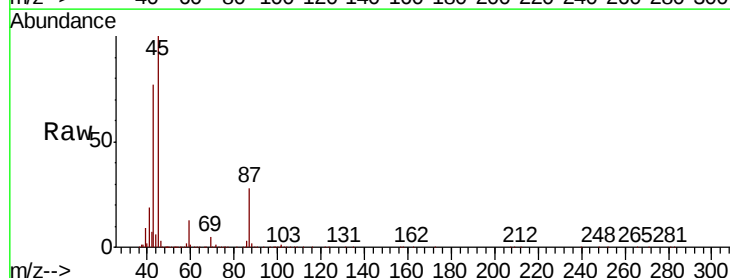
Ion Ratio Lower Upper

45 100

43 76.5 52.8 79.2

87 27.8 22.5 33.7

59 12.6 9.0 13.6

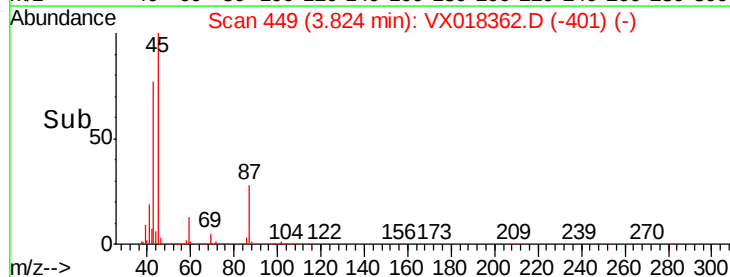
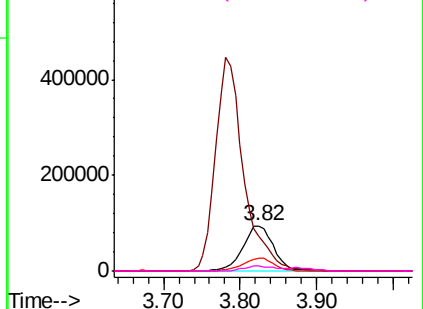


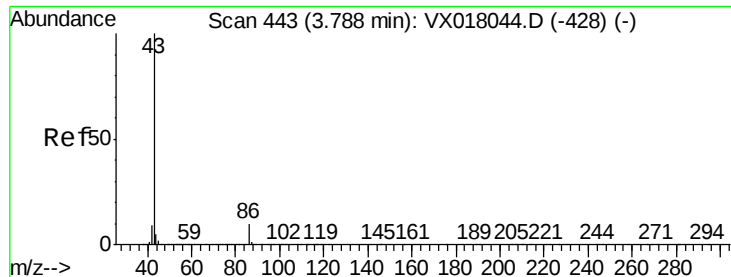
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 90.120 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018362.D

Acq: 11 Sep 2020 15:27

Instrument :

MSVOA_X

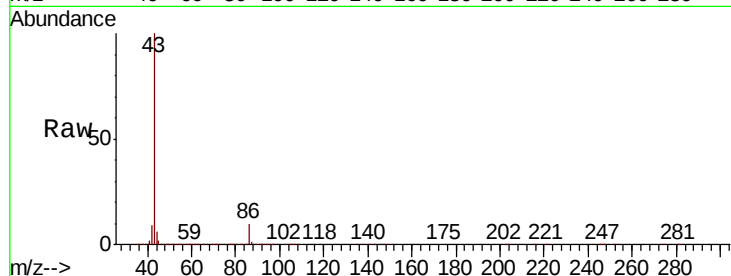
ClientSampleId :

Tot Ion: 43 Resp: 1145181

Ion Ratio Lower Upper

43 100

86 9.9 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

400000

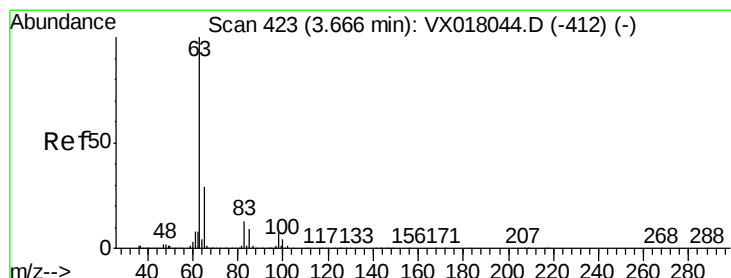
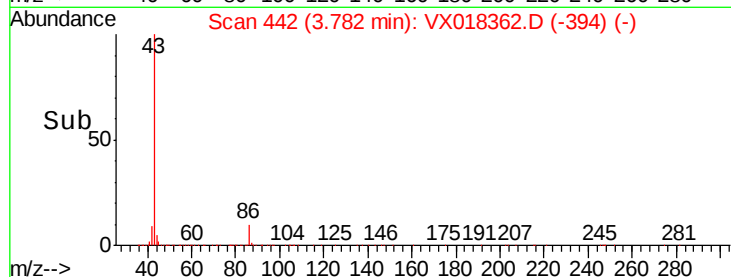
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.271 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018362.D

Acq: 11 Sep 2020 15:27

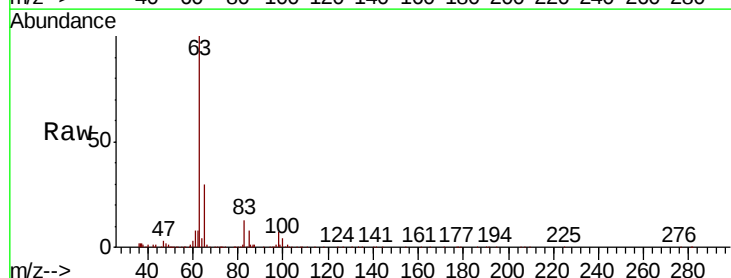
Tgt Ion: 63 Resp: 148528

Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 3.6 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

80000

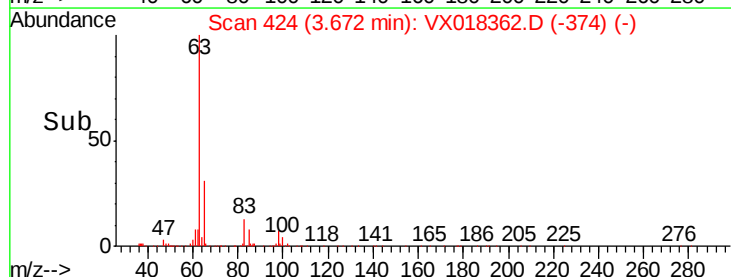
60000

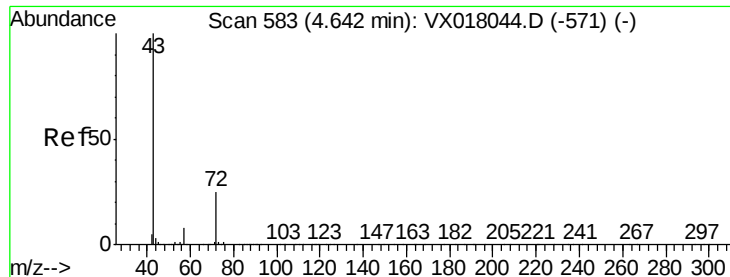
40000

20000

0

Time-->





#25

2-Butanone

Concen: 85.464 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018362.D

Acq: 11 Sep 2020 15:27

Instrument :

MSVOA_X

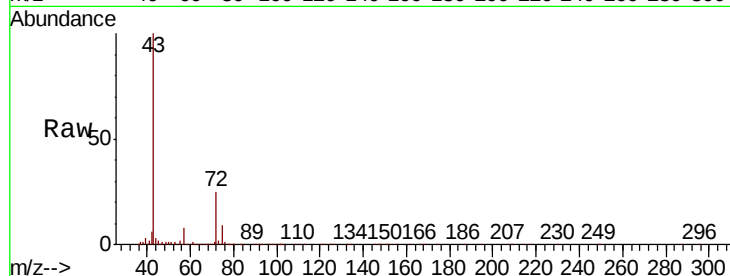
ClientSampleId :

Tot Ion: 43 Resp: 313120

Ion Ratio Lower Upper

43 100

72 25.0 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

120000

100000

80000

60000

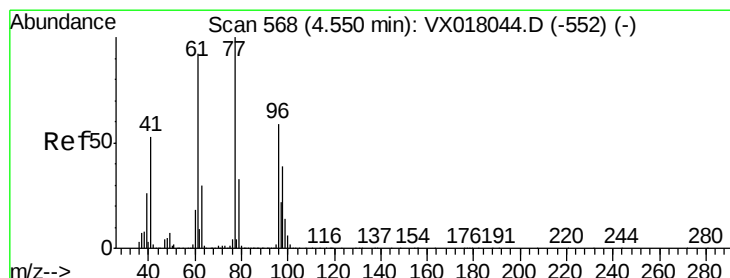
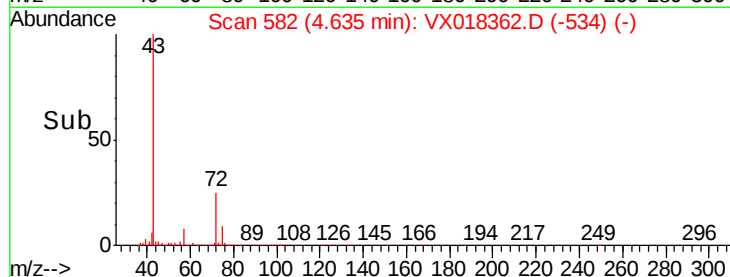
40000

20000

0

4.50 4.60 4.70

Time-->



#26

2,2-Dichloropropane

Concen: 19.834 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018362.D

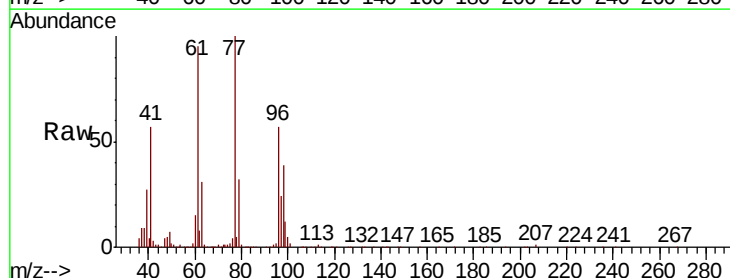
Acq: 11 Sep 2020 15:27

Tgt Ion: 77 Resp: 131191

Ion Ratio Lower Upper

77 100

97 22.1 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

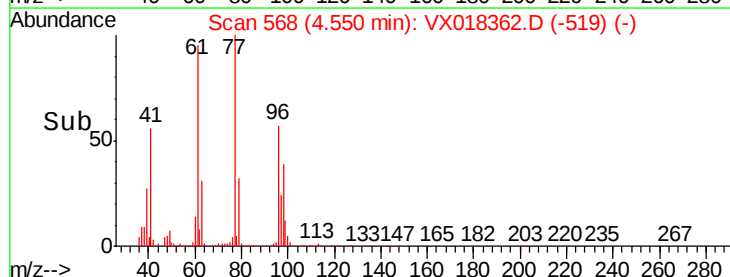
20000

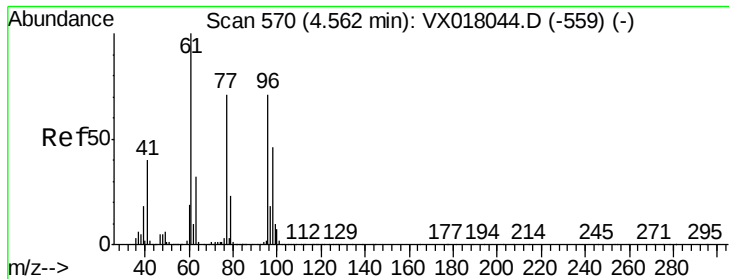
10000

0

4.40 4.50 4.60 4.70

Time-->



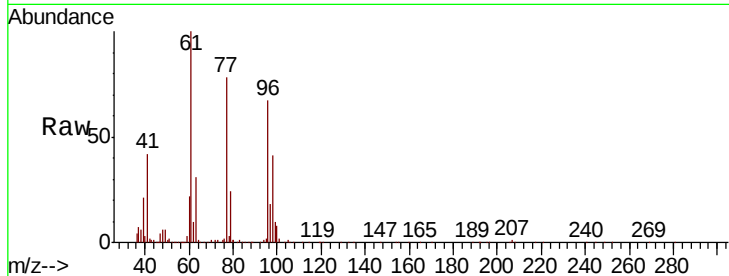


#27

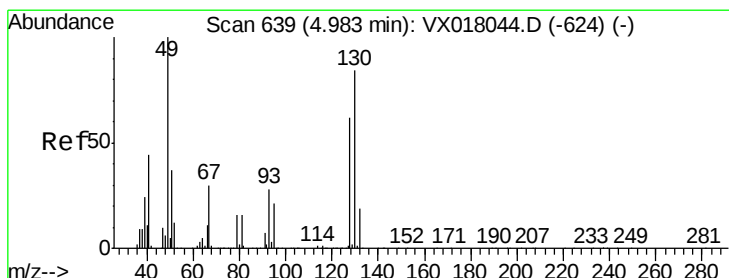
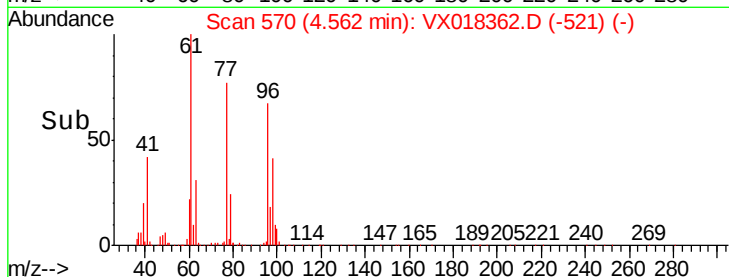
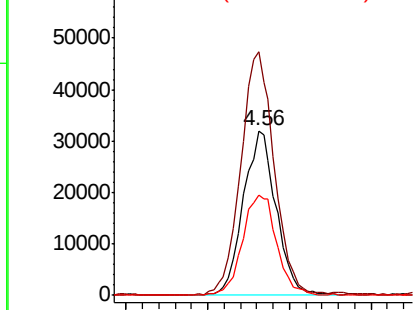
cis-1,2-Dichloroethene
 Concen: 17.407 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX018362.D
 Acq: 11 Sep 2020 15:27

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	96	Resp	89486
Ion	Ratio	Lower	Upper
96	100		
61	151.2	0.0	296.6
98	63.3	0.0	130.2



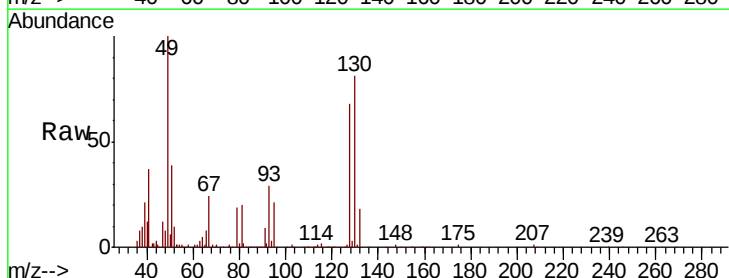
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



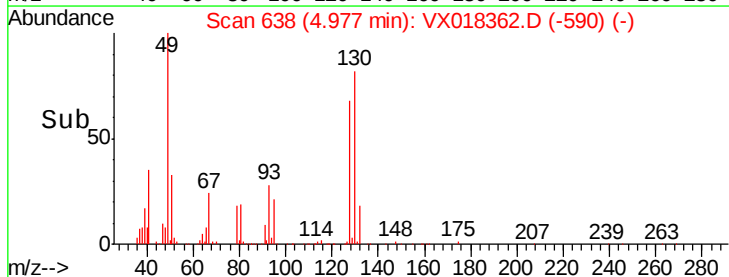
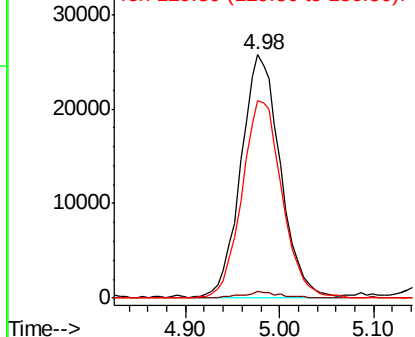
#28

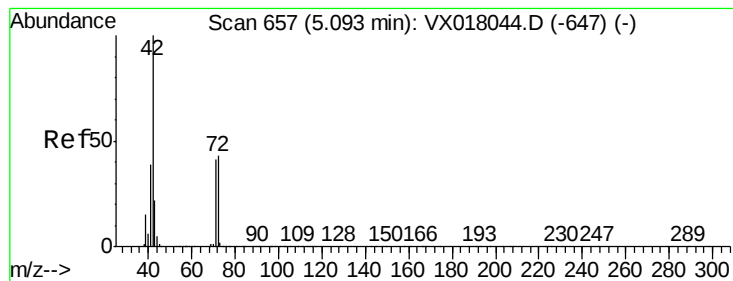
Bromochloromethane
 Concen: 19.116 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX018362.D
 Acq: 11 Sep 2020 15:27

Tgt Ion	49	Resp	75009
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	83.2	64.6	96.8



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





#29

Tetrahydrofuran

Concen: 83.277 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX018362.D

Acq: 11 Sep 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

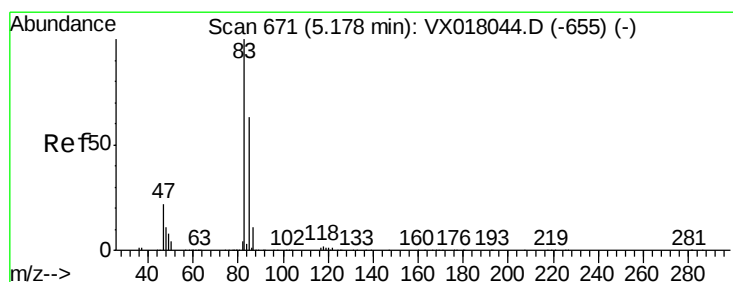
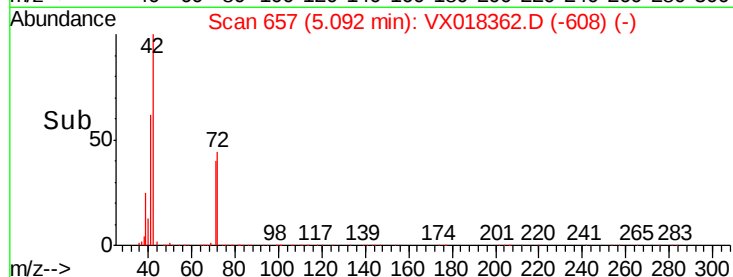
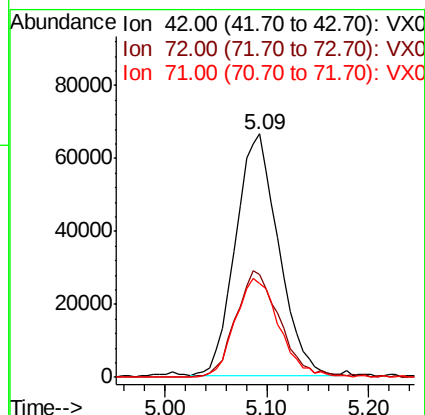
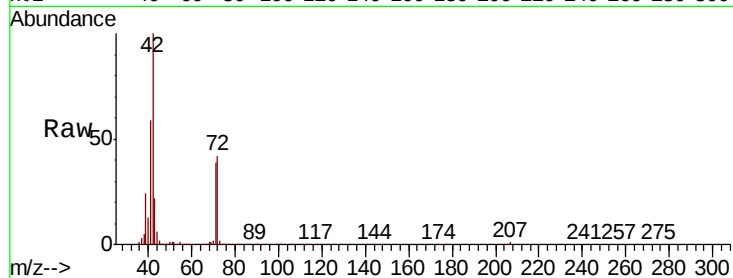
Tot Ion: 42 Resp: 194225

Ion Ratio Lower Upper

42 100

72 45.0 34.2 51.4

71 41.6 32.1 48.1



#30

Chloroform

Concen: 19.132 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX018362.D

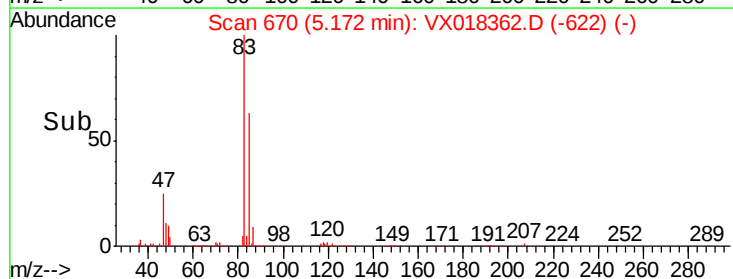
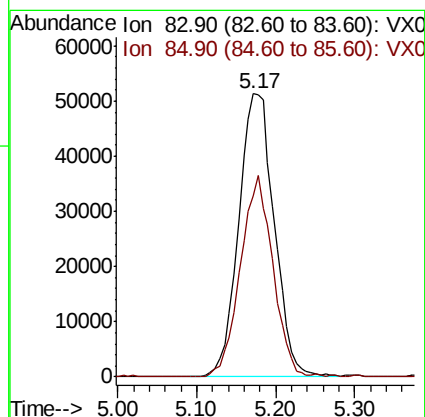
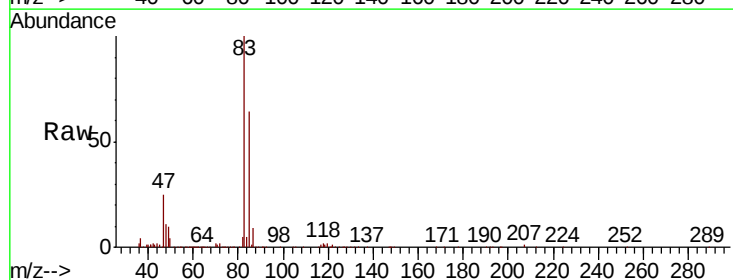
Acq: 11 Sep 2020 15:27

Tgt Ion: 83 Resp: 161045

Ion Ratio Lower Upper

83 100

85 63.9 50.7 76.1

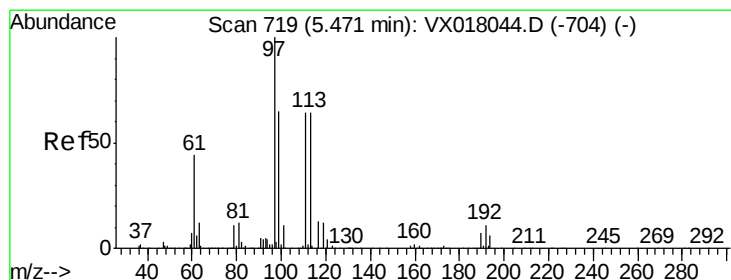
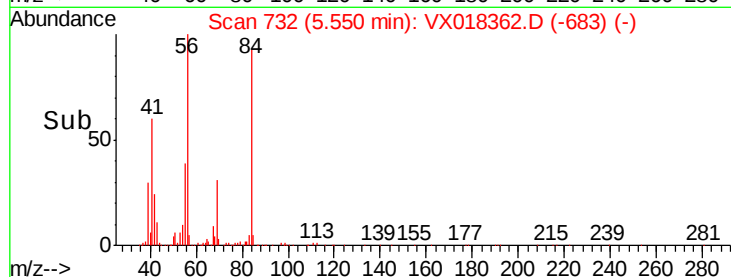
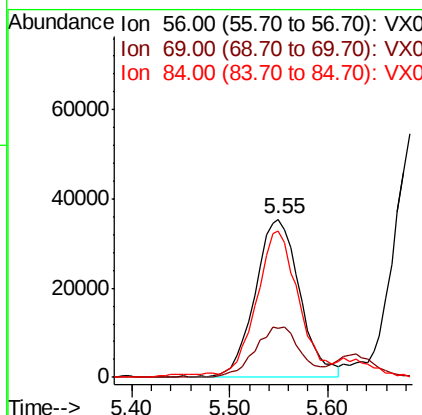
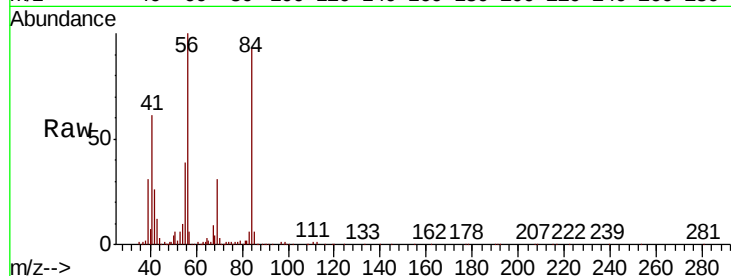




#31
Cyclohexane
Concen: 16.371 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018362.D
Acq: 11 Sep 2020 15:27

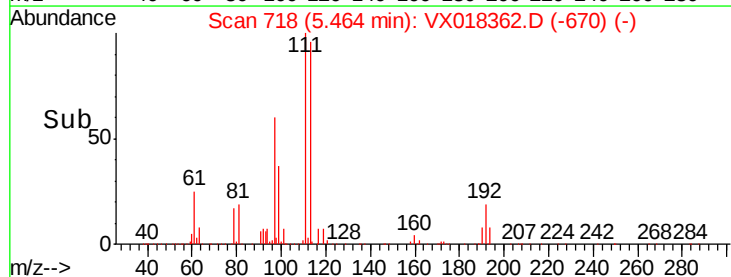
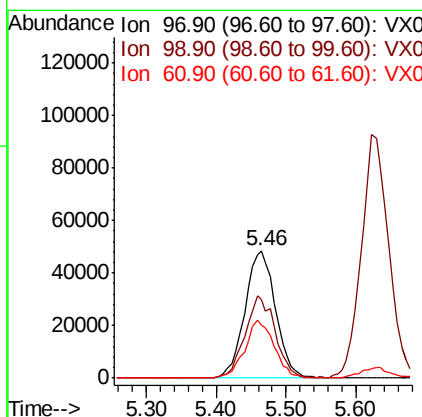
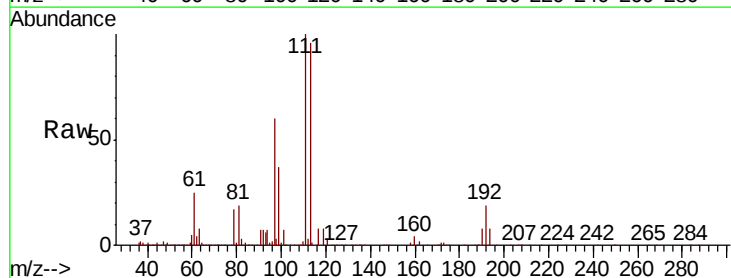
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 112106
Ion Ratio Lower Upper
56 100
69 31.3 23.9 35.9
84 90.9 67.0 100.4



#32
1,1,1-Trichloroethane
Concen: 19.039 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018362.D
Acq: 11 Sep 2020 15:27

Tgt Ion: 97 Resp: 147072
Ion Ratio Lower Upper
97 100
99 63.7 51.4 77.0
61 43.6 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 49.567 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018362.D

Acq: 11 Sep 2020 15:27

Instrument :

MSVOA_X

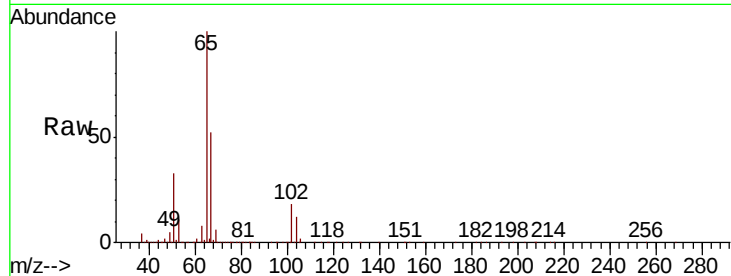
ClientSampleId :

Tot Ion: 65 Resp: 283579

Ion Ratio Lower Upper

65 100

67 50.1 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

120000

100000

80000

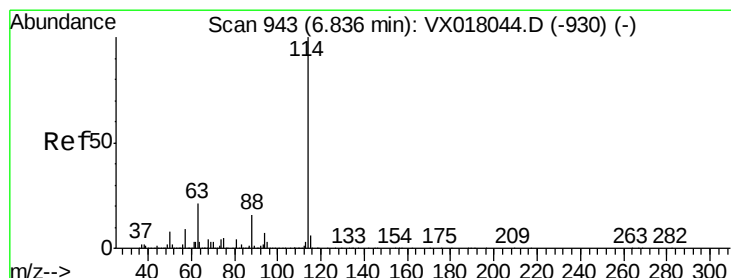
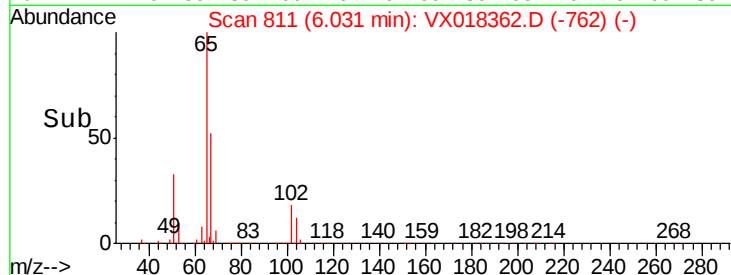
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018362.D

Acq: 11 Sep 2020 15:27

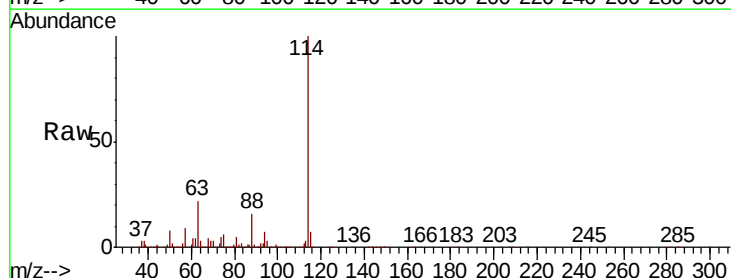
Tgt Ion: 114 Resp: 634092

Ion Ratio Lower Upper

114 100

63 21.9 0.0 42.6

88 15.8 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.83

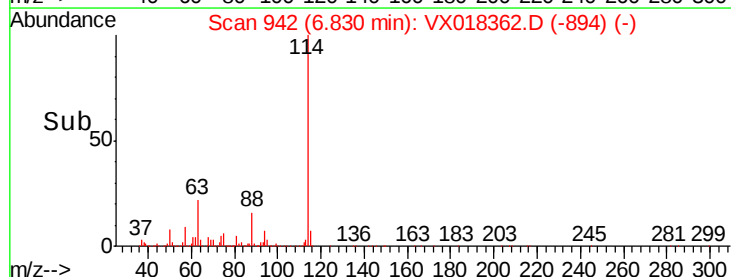
300000

200000

100000

0

Time-->

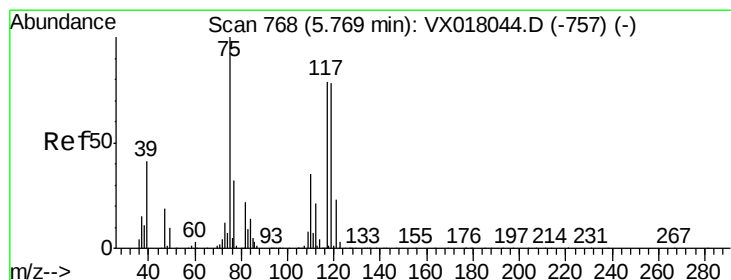
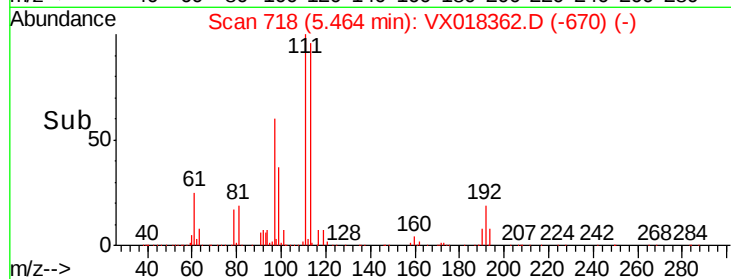
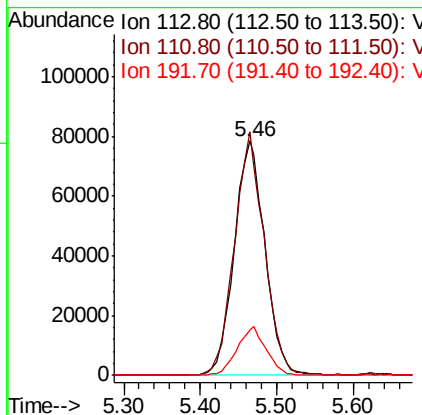
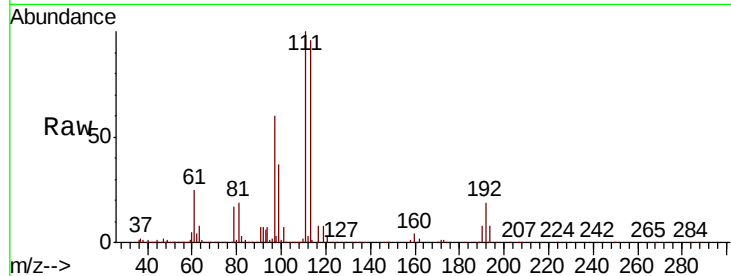




#35
 Dibromofluoromethane
 Concen: 50.370 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX018362.D
 Acq: 11 Sep 2020 15:27

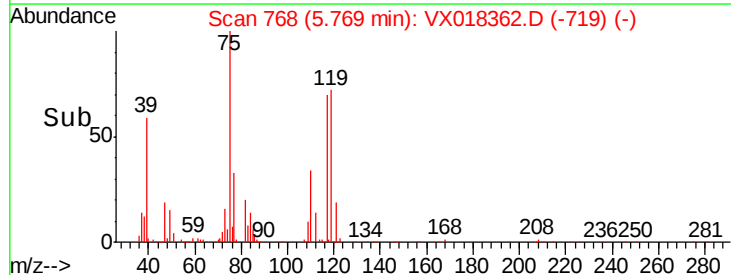
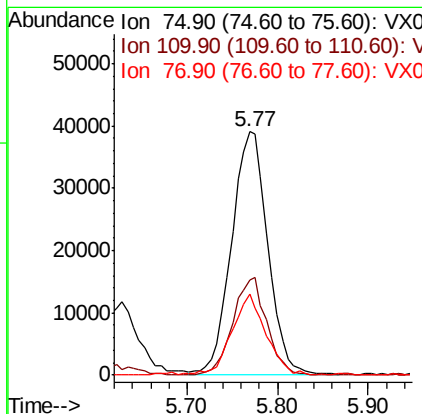
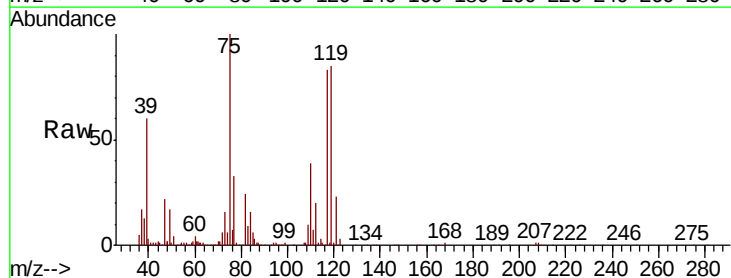
Instrument :
 MSVOA_X
 ClientSampled :

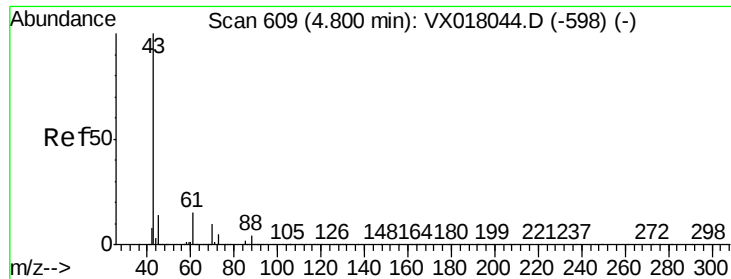
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.6	122.4
192	19.8	15.8	23.8



#36
 1,1-Dichloropropene
 Concen: 18.332 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX018362.D
 Acq: 11 Sep 2020 15:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.1	18.0	54.0
77	31.1	24.4	36.6

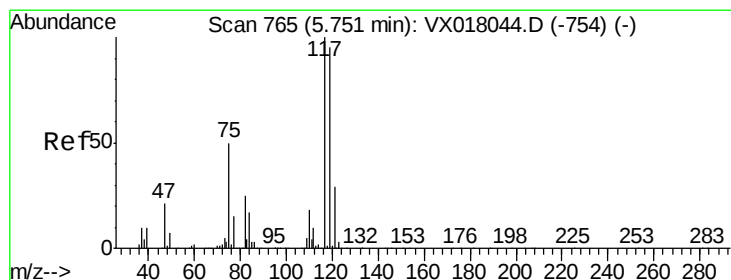
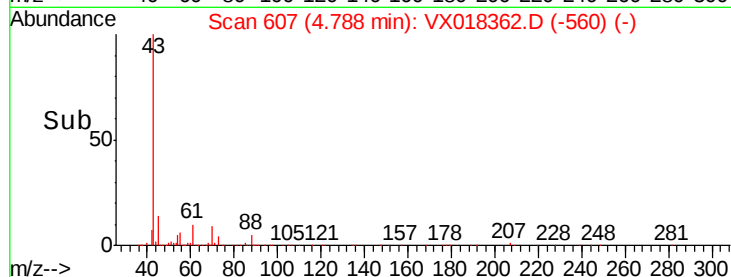
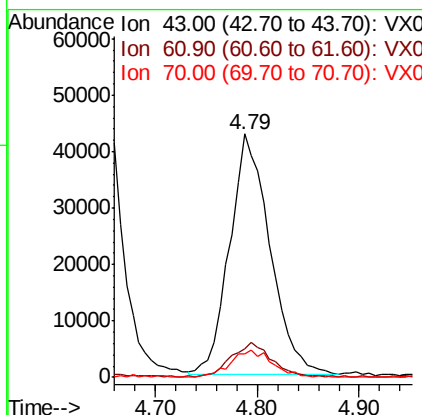
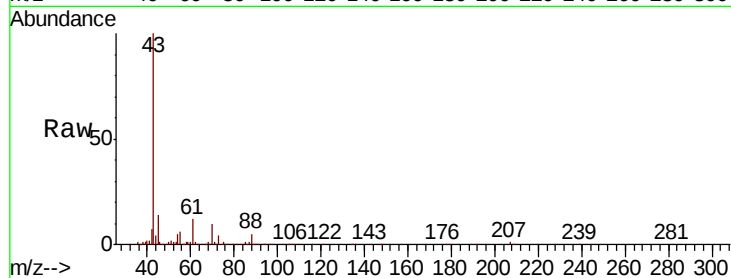




#37
Ethyl Acetate
Concen: 17.302 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX018362.D
Acq: 11 Sep 2020 15:27

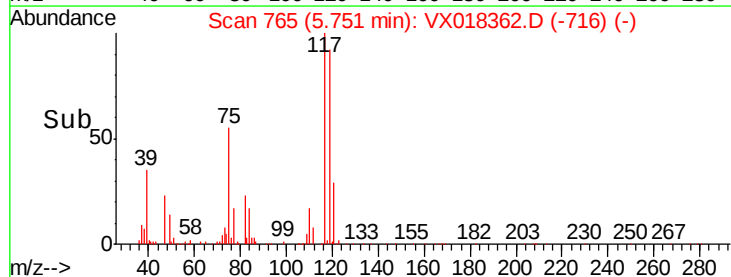
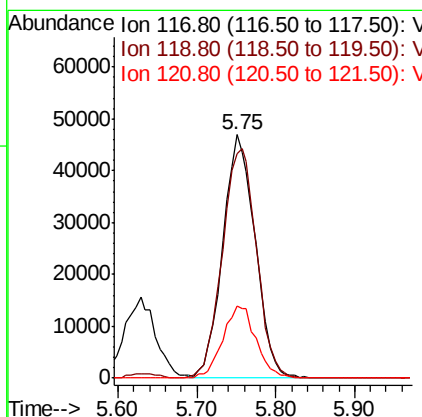
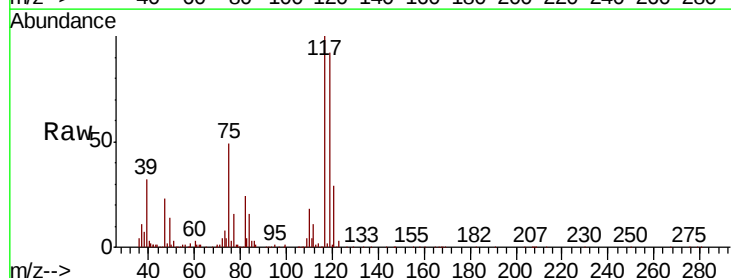
Instrument :
MSVOA_X
ClientSampled :

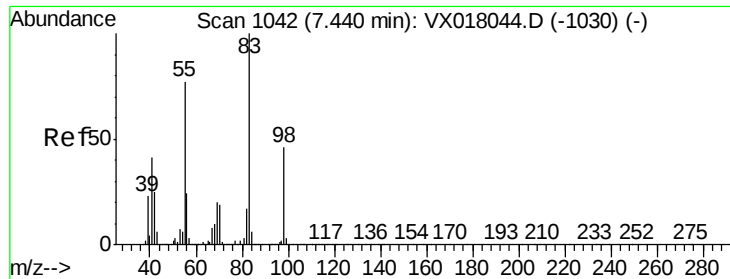
Tot Ion: 43 Resp: 117529
Ion Ratio Lower Upper
43 100
61 15.1 11.3 16.9
70 11.7 8.2 12.4



#38
Carbon Tetrachloride
Concen: 20.338 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018362.D
Acq: 11 Sep 2020 15:27

Tgt Ion: 117 Resp: 134048
Ion Ratio Lower Upper
117 100
119 92.3 75.8 113.6
121 29.5 23.4 35.0

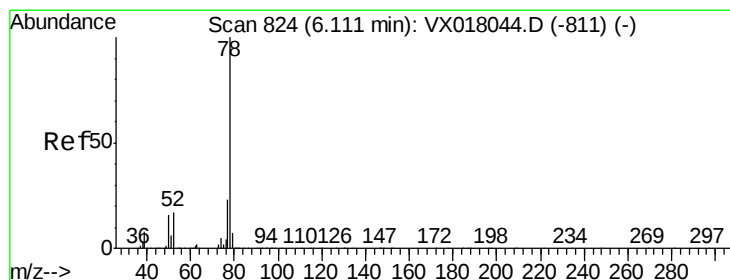
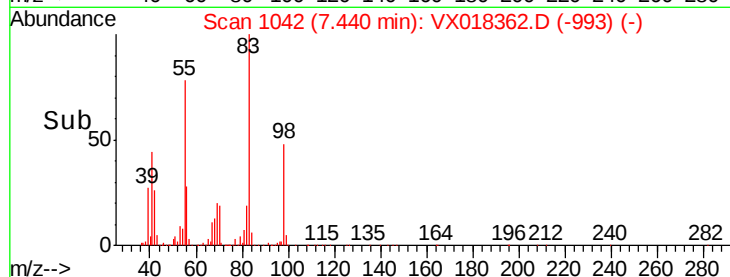
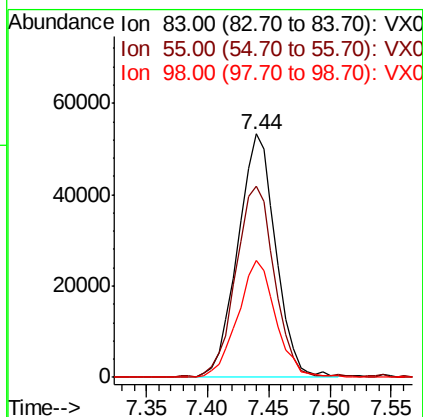
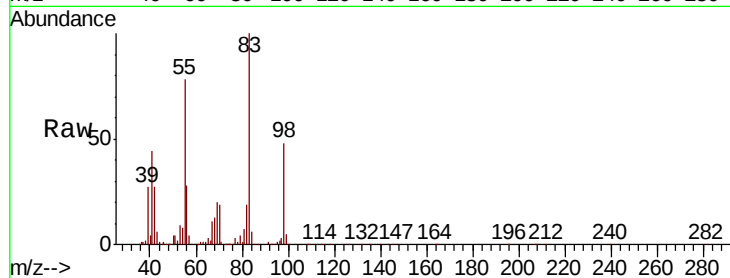




#39
Methvlcvclohexane
Concen: 17.926 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018362.D
Acq: 11 Sep 2020 15:27

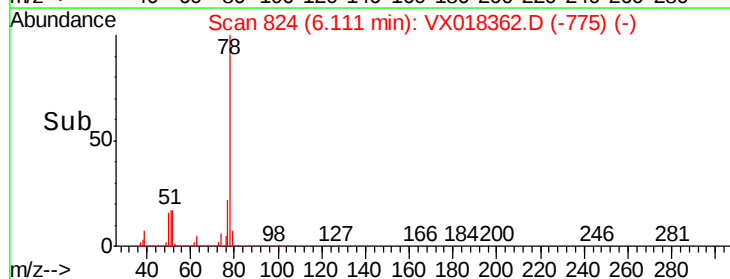
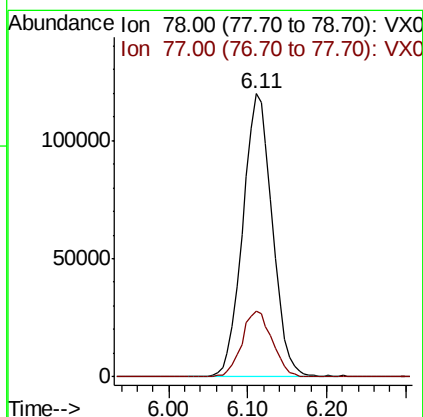
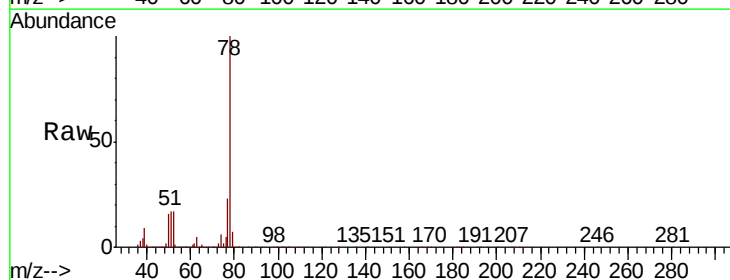
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 114641
Ion Ratio Lower Upper
83 100
55 77.8 61.8 92.6
98 48.1 36.6 55.0



#40
Benzene
Concen: 18.141 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018362.D
Acq: 11 Sep 2020 15:27

Tgt Ion: 78 Resp: 311754
Ion Ratio Lower Upper
78 100
77 23.1 18.2 27.2





#41

Methacrylonitrile

Concen: 17.907 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX018362.D

Acq: 11 Sep 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 66788

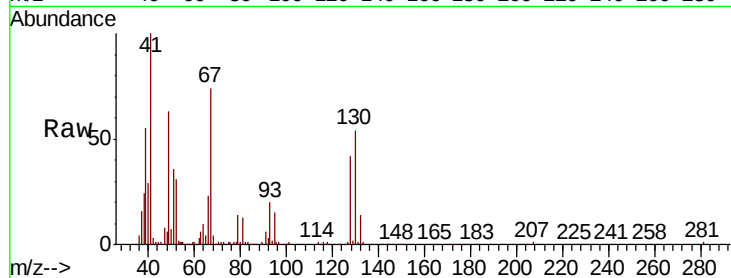
Ion Ratio Lower Upper

41 100

39 55.8 43.1 64.7

67 72.2 56.0 84.0

52 30.0 22.7 34.1

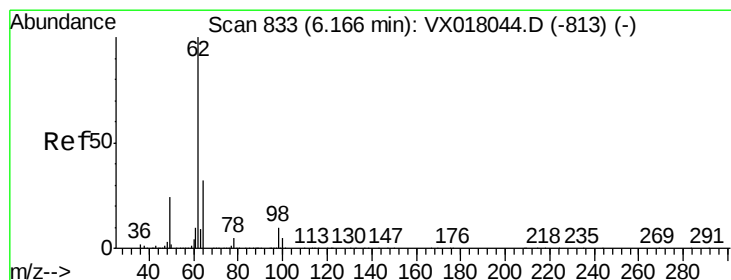
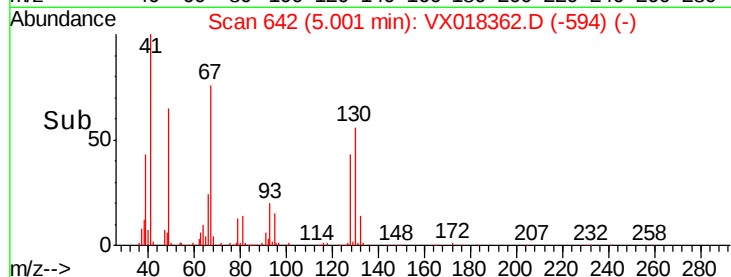
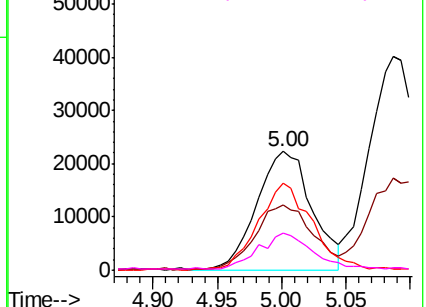


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.603 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX018362.D

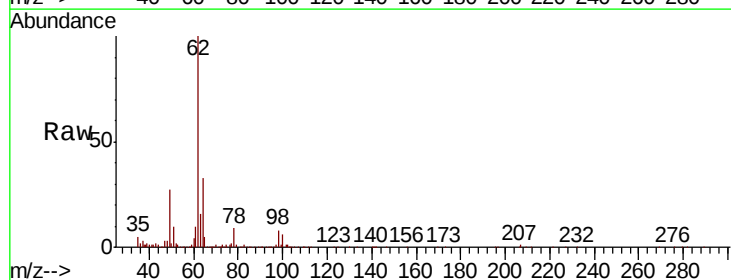
Acq: 11 Sep 2020 15:27

Tgt Ion: 62 Resp: 135657

Ion Ratio Lower Upper

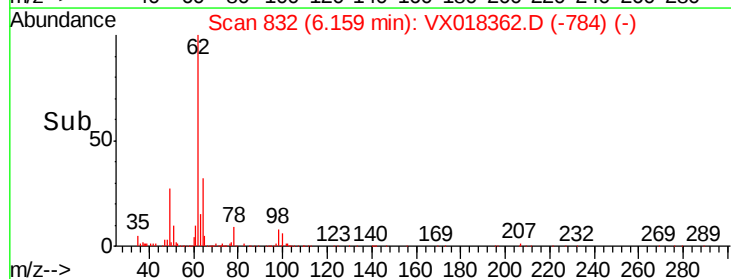
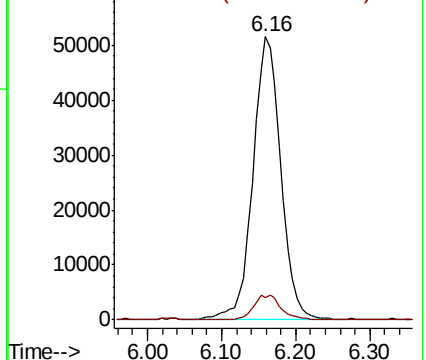
62 100

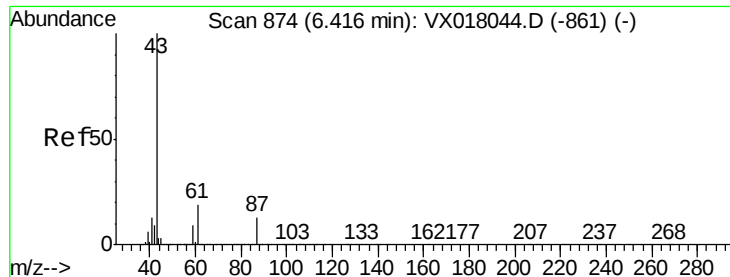
98 8.6 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



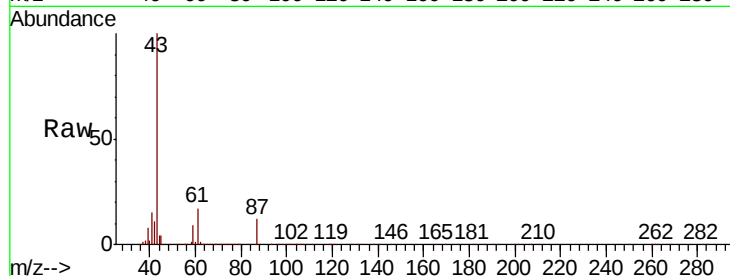


#43

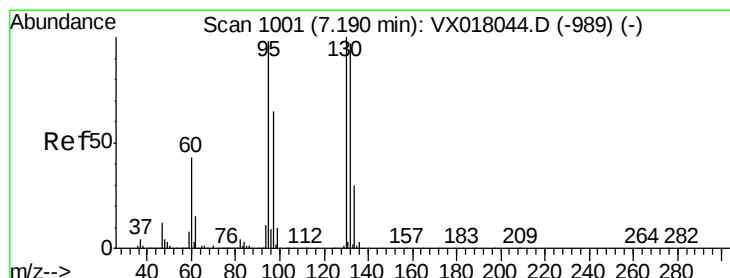
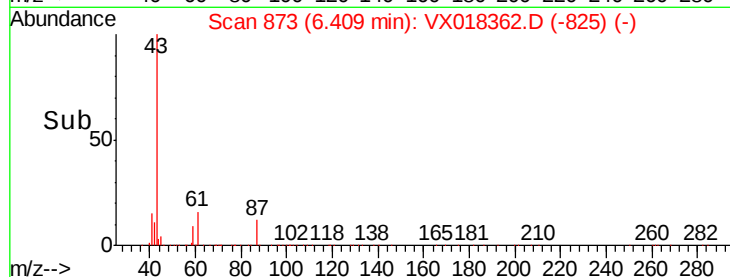
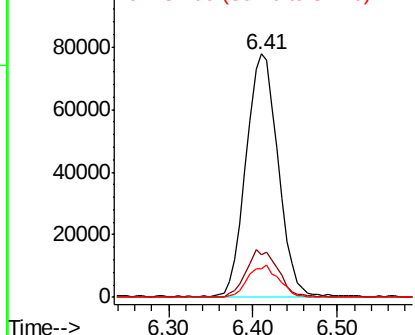
Isopropyl Acetate
 Concen: 18.295 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018362.D
 Acq: 11 Sep 2020 15:27

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	43	Resp	200719
Ion Ratio	Lower	Upper	
43	100		
61	19.4	15.7	23.5
87	12.7	10.3	15.5



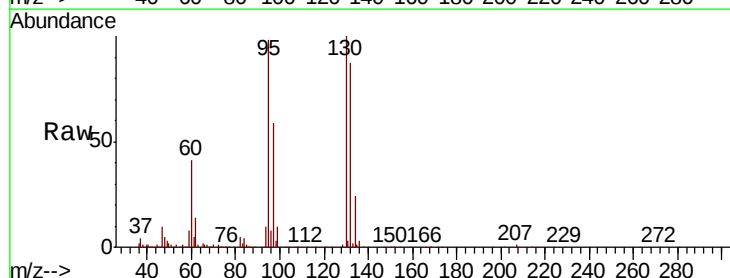
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



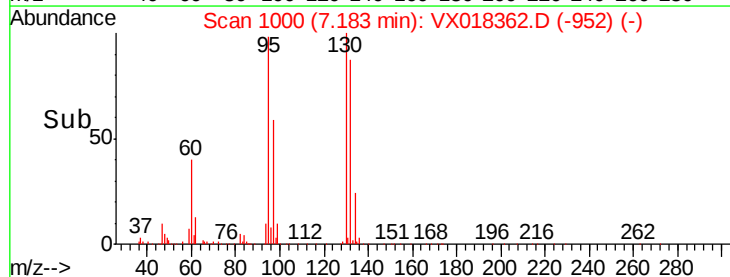
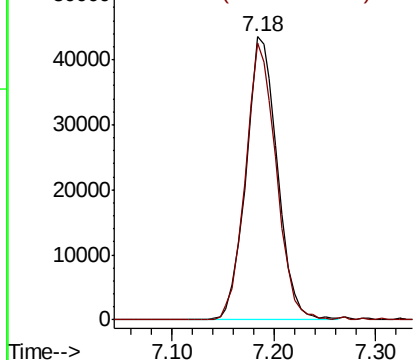
#44

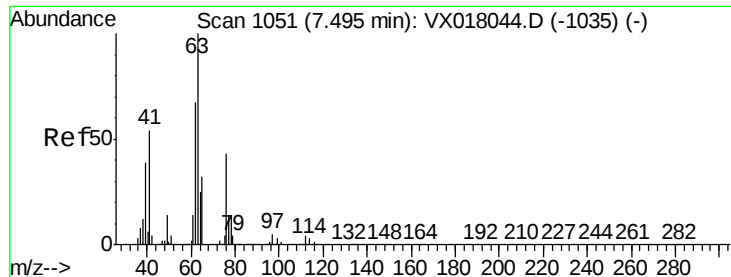
Trichloroethene
 Concen: 19.175 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX018362.D
 Acq: 11 Sep 2020 15:27

Tgt Ion	130	Resp	93109
Ion Ratio	Lower	Upper	
130	100		
95	97.8	0.0	196.4



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





#45

1,2-Dichloropropane

Concen: 18.888 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018362.D

Acq: 11 Sep 2020 15:27

Instrument :

MSVOA_X

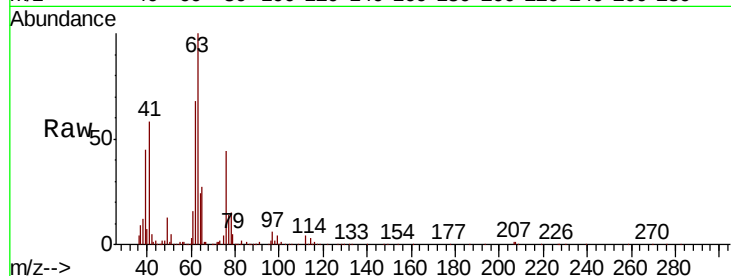
ClientSampleId :

Tot Ion: 63 Resp: 87485

Ion Ratio Lower Upper

63 100

65 27.1 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

40000

30000

20000

10000

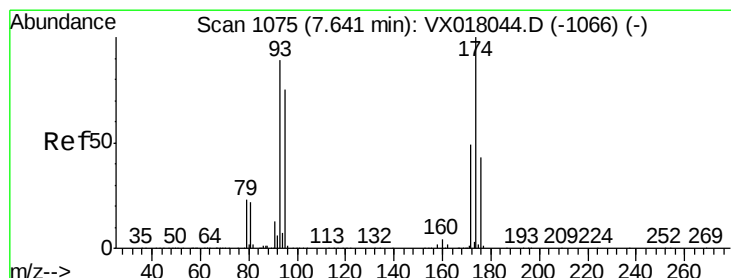
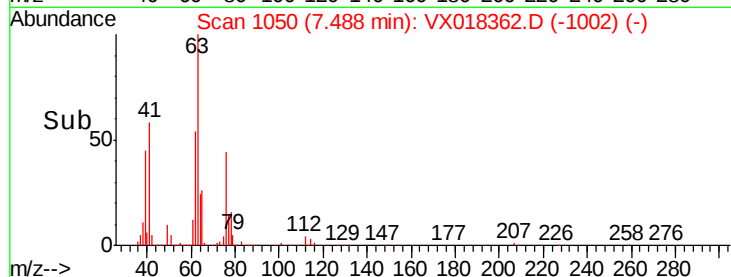
0

Time-->

7.40

7.50

7.60



#46

Dibromomethane

Concen: 19.033 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018362.D

Acq: 11 Sep 2020 15:27

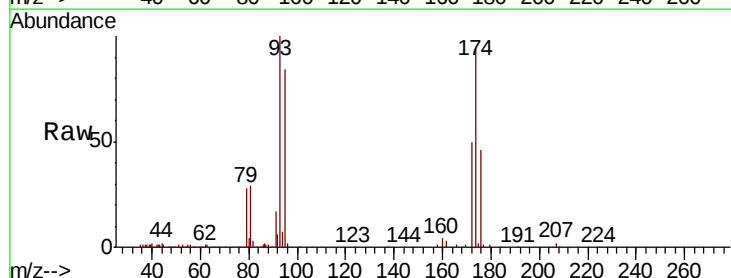
Tgt Ion: 93 Resp: 61993

Ion Ratio Lower Upper

93 100

95 85.6 67.3 100.9

174 101.7 82.2 123.2



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

40000

30000

20000

10000

0

Time-->

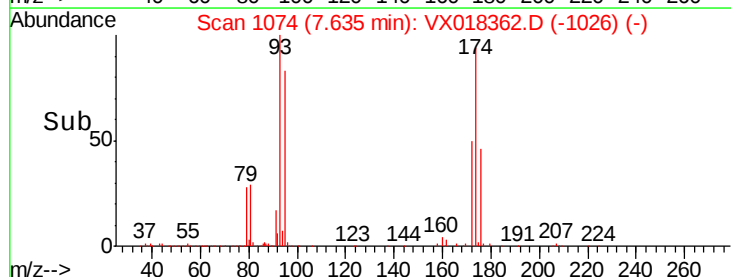
7.55

7.60

7.65

7.70

7.75





#47

Bromodichloromethane

Concen: 20.145 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018362.D

Acq: 11 Sep 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

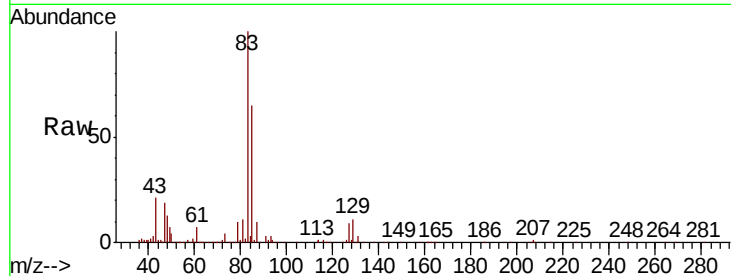
Tot Ion: 83 Resp: 131013

Ion Ratio Lower Upper

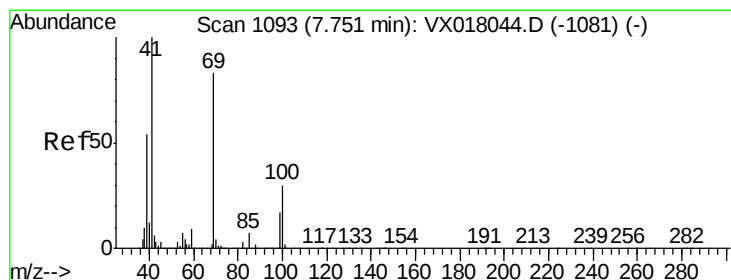
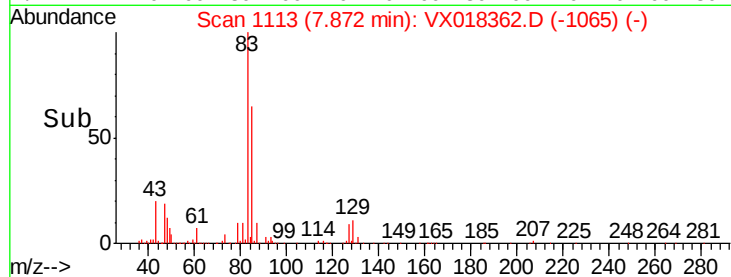
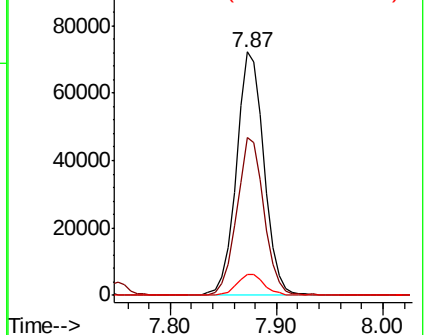
83 100

85 64.9 51.8 77.6

127 8.6 7.7 11.5



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 17.996 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX018362.D

Acq: 11 Sep 2020 15:27

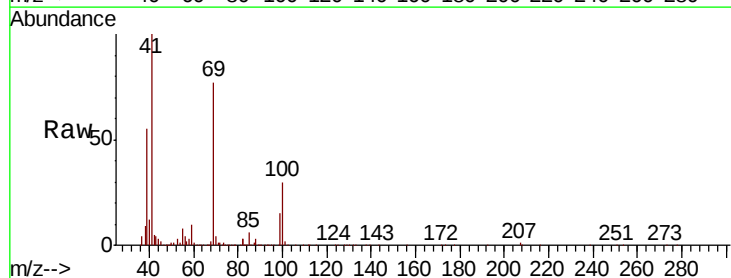
Tgt Ion: 41 Resp: 98291

Ion Ratio Lower Upper

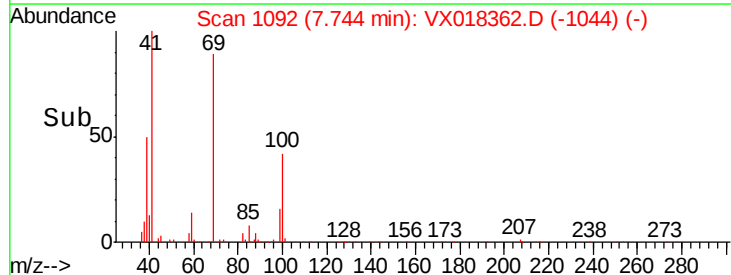
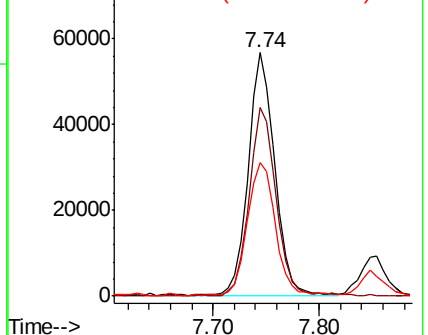
41 100

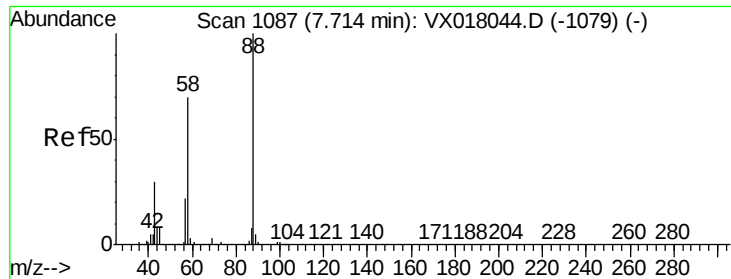
69 80.0 65.5 98.3

39 59.4 44.5 66.7



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

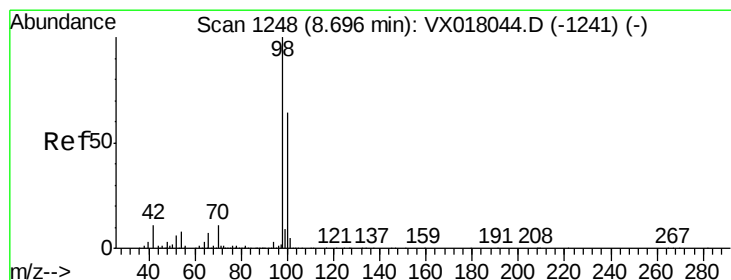
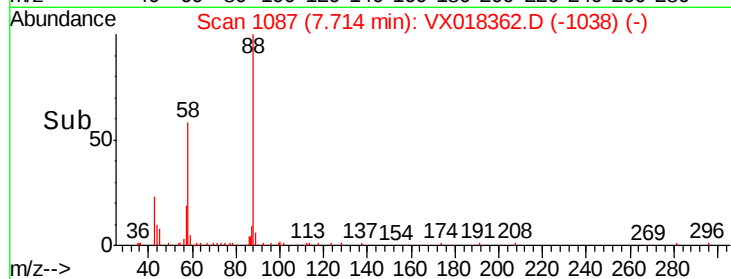
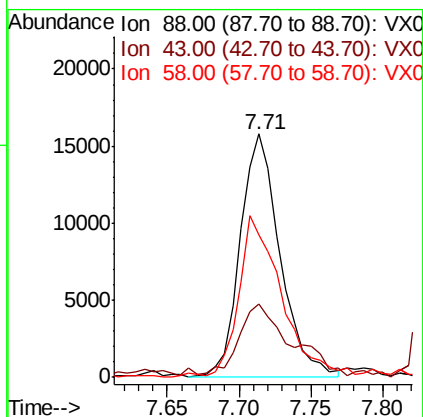
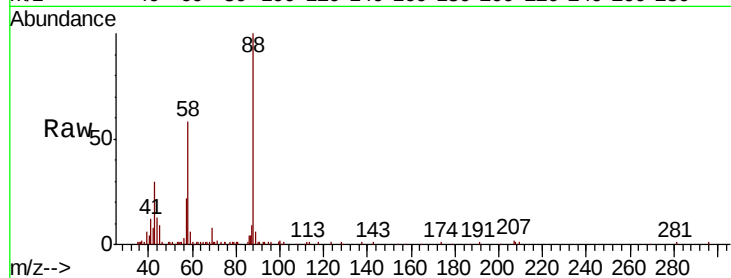




#49
1,4-Dioxane
Concen: 302.707 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018362.D
Acq: 11 Sep 2020 15:27

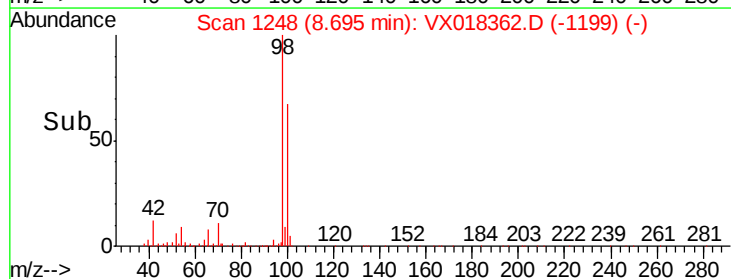
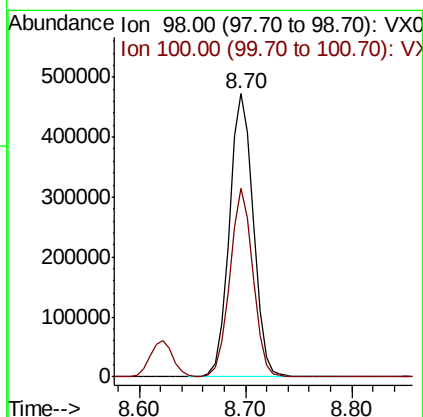
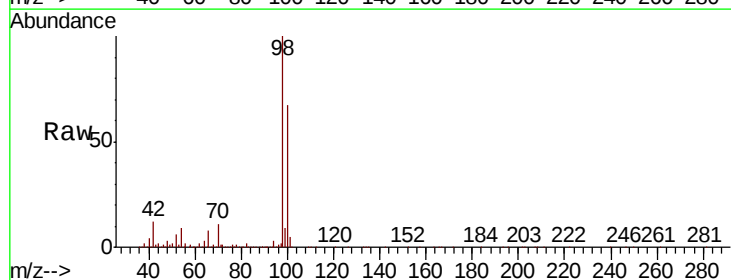
Instrument :
MSVOA_X
ClientSampleId :

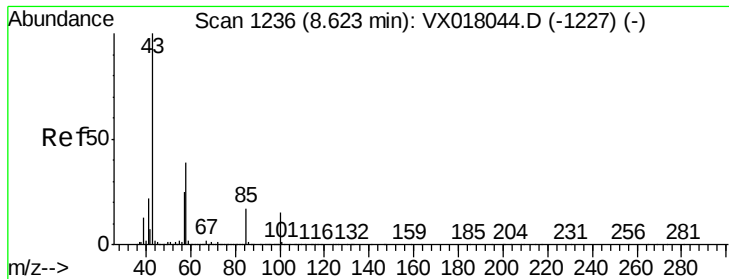
Tot Ion	88	Resp	29948
Ion	Ratio	Lower	Upper
88	100		
43	38.4	27.4	41.0
58	73.3	56.4	84.6



#50
Toluene-d8
Concen: 46.165 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018362.D
Acq: 11 Sep 2020 15:27

Tgt Ion	98	Resp	742537
Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.4

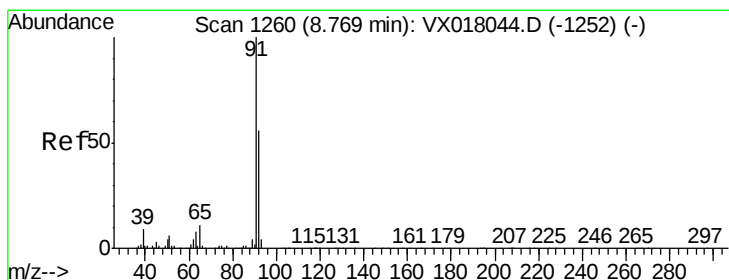
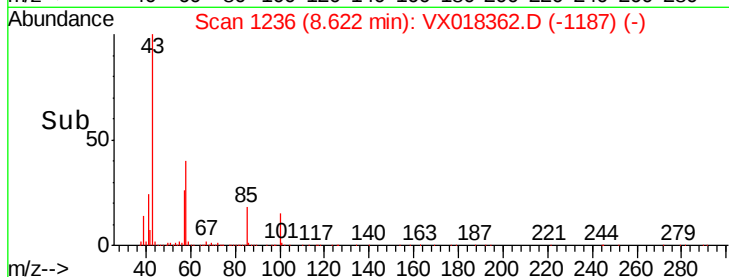
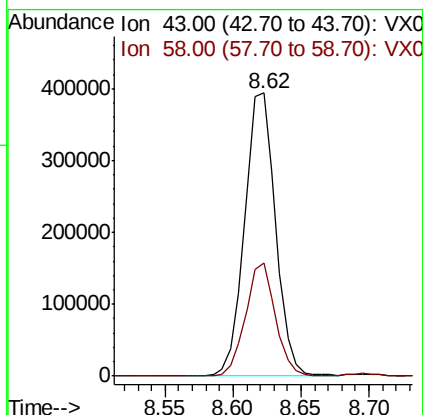
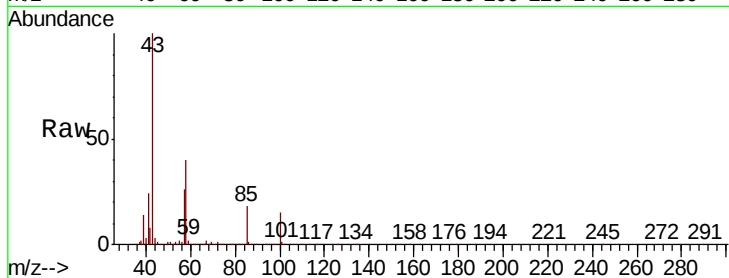




#51
4-Methyl-2-Pentanone
Concen: 92.737 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX018362.D
Acq: 11 Sep 2020 15:27

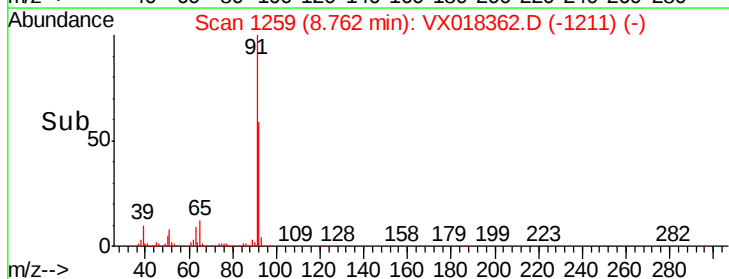
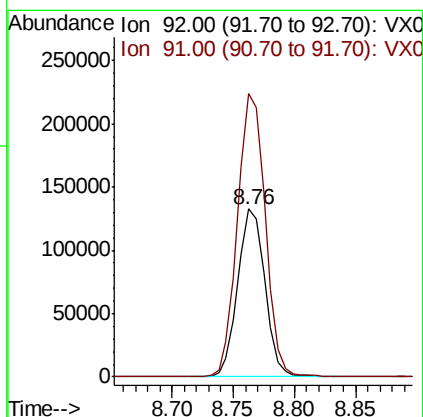
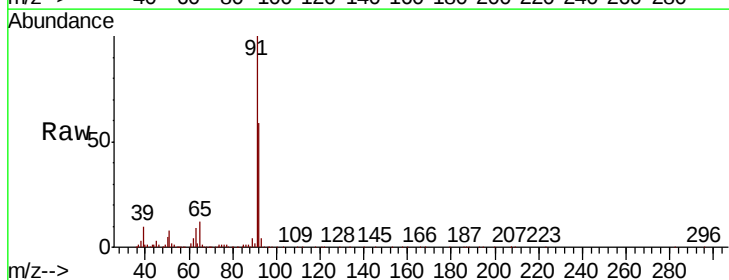
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 628493
Ion Ratio Lower Upper
43 100
58 38.5 30.7 46.1



#52
Toluene
Concen: 18.757 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX018362.D
Acq: 11 Sep 2020 15:27

Tgt Ion: 92 Resp: 204402
Ion Ratio Lower Upper
92 100
91 172.8 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 19.134 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX018362.D

Acq: 11 Sep 2020 15:27

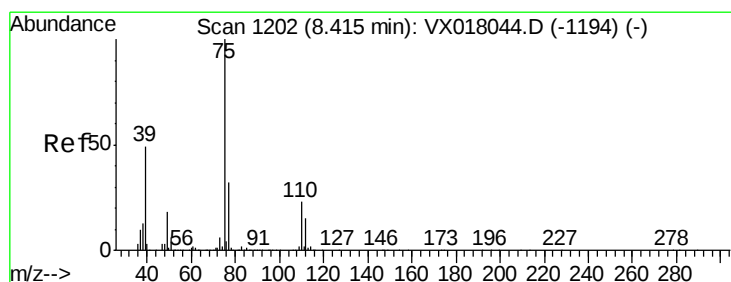
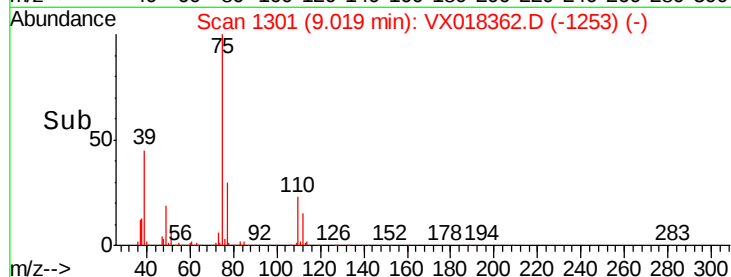
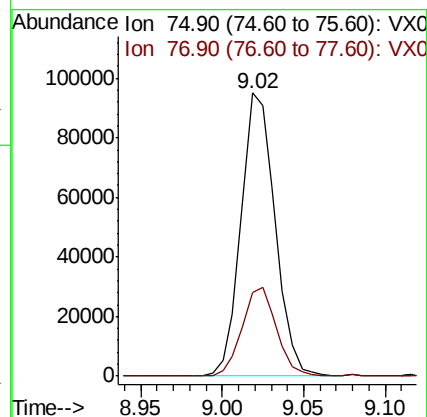
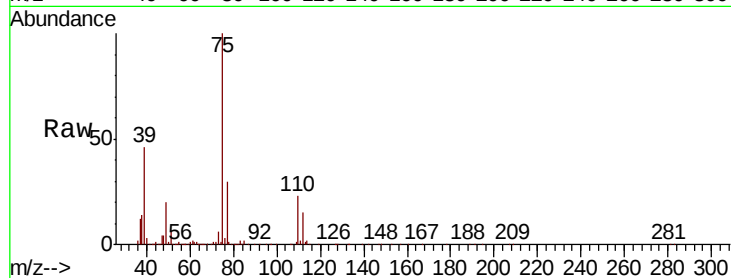
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 137915

Ion Ratio Lower Upper

75 100

77 29.7 26.6 39.8



#54

cis-1,3-Dichloropropene

Concen: 19.144 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018362.D

Acq: 11 Sep 2020 15:27

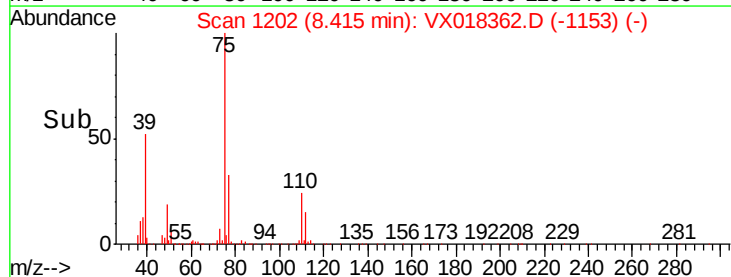
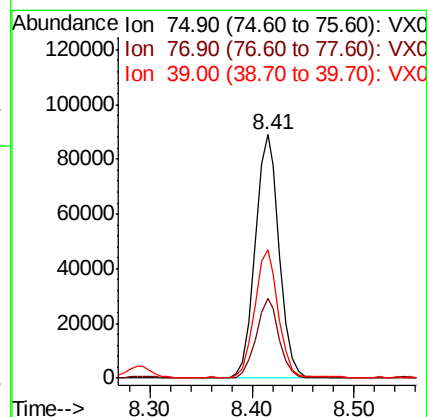
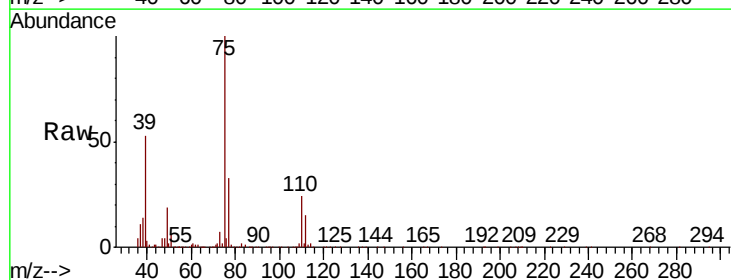
Tgt Ion: 75 Resp: 146175

Ion Ratio Lower Upper

75 100

77 32.7 25.8 38.8

39 52.4 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 18.844 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018362.D

Acq: 11 Sep 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 87576

Ion	Ratio	Lower	Upper
97	100		
83	89.4	67.8	101.6
85	56.1	45.3	67.9
99	63.0	50.9	76.3

Abundance

Ion 96.90 (96.60 to 97.60): VX0

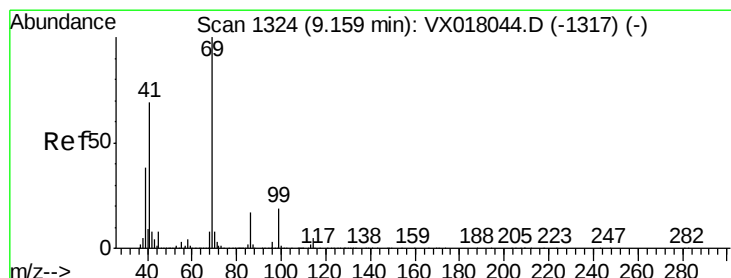
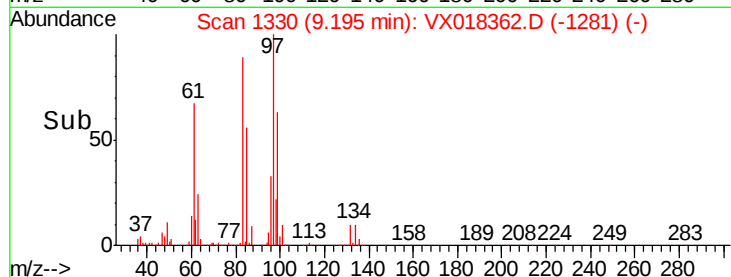
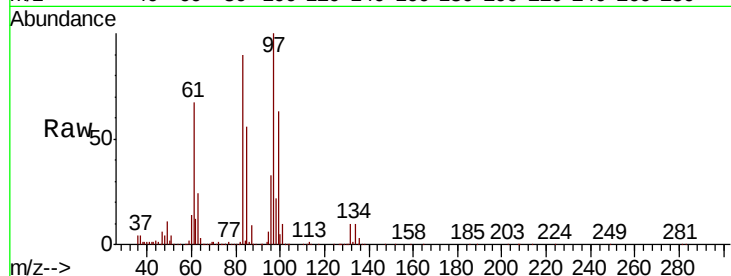
Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

9.20

Time-->



#56

Ethyl methacrylate

Concen: 17.900 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018362.D

Acq: 11 Sep 2020 15:27

Tgt Ion: 69 Resp: 123675

Ion	Ratio	Lower	Upper
69	100		
41	69.8	54.6	81.8
39	40.0	29.1	43.7

Abundance

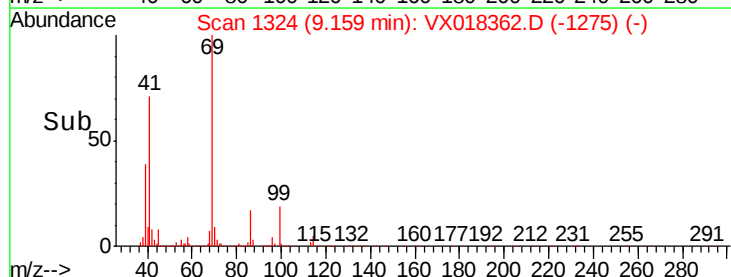
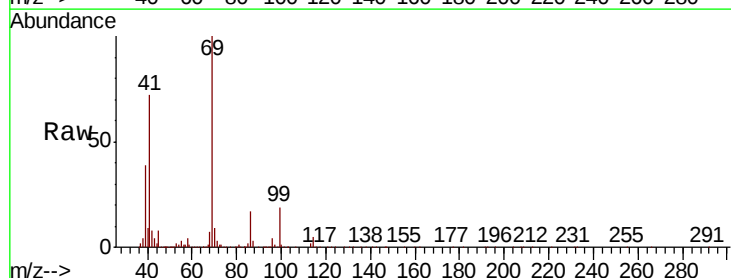
Ion 69.00 (68.70 to 69.70): VX0

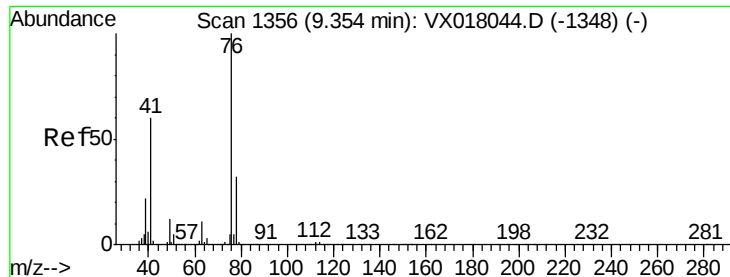
Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.16

Time-->





#57

1,3-Dichloropropane

Concen: 18.453 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018362.D

Acq: 11 Sep 2020 15:27

Instrument :

MSVOA_X

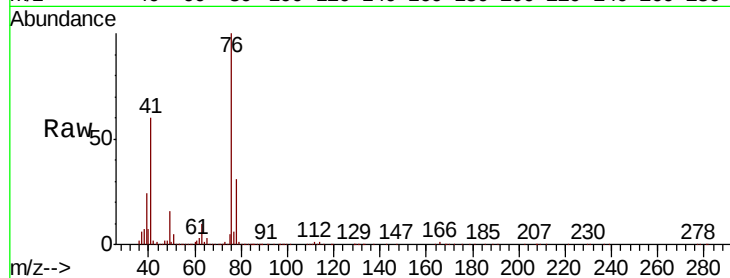
ClientSampled :

Tot Ion: 76 Resp: 141449

Ion Ratio Lower Upper

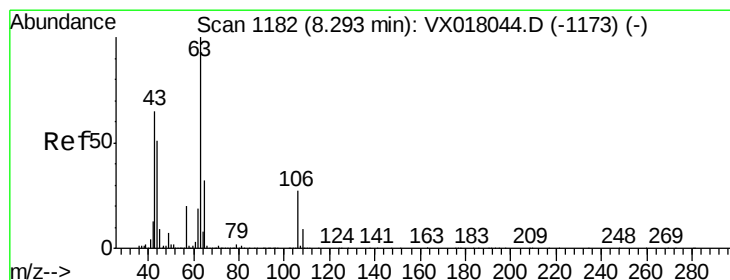
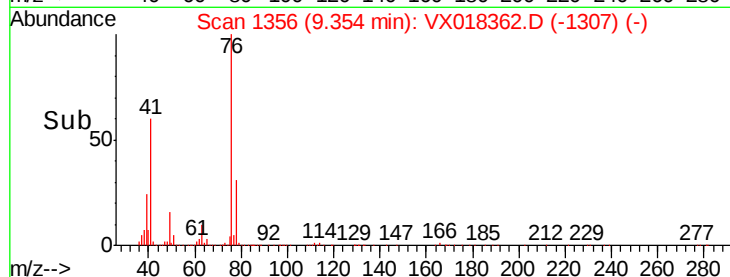
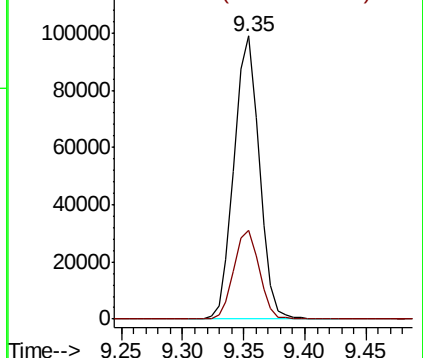
76 100

78 31.8 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 96.664 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018362.D

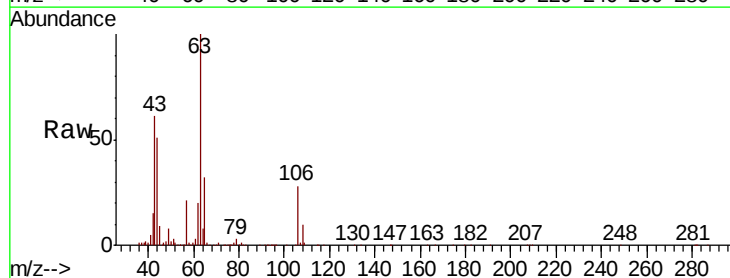
Acq: 11 Sep 2020 15:27

Tgt Ion: 63 Resp: 300432

Ion Ratio Lower Upper

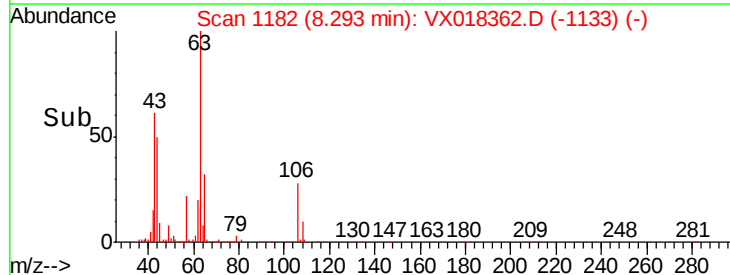
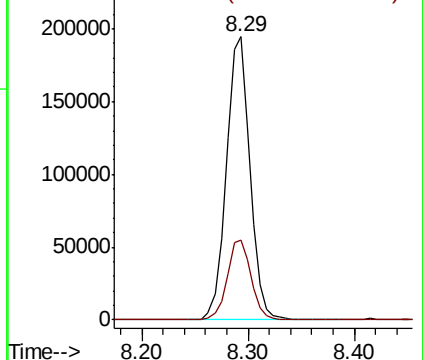
63 100

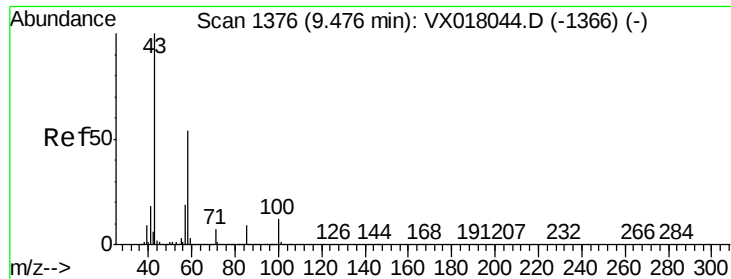
106 28.8 22.1 33.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

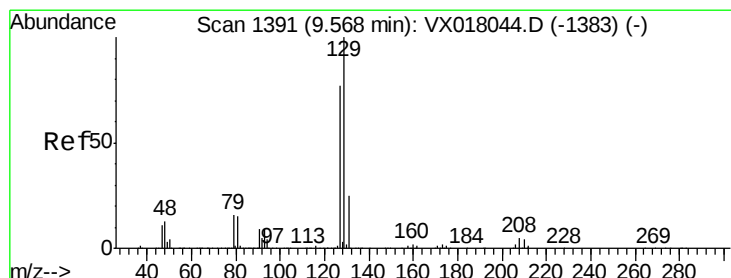
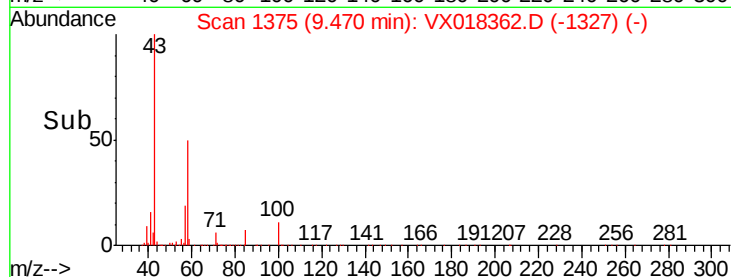
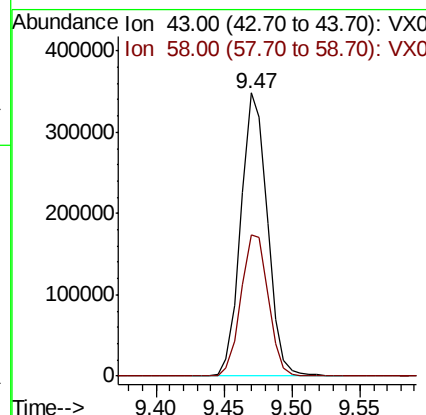
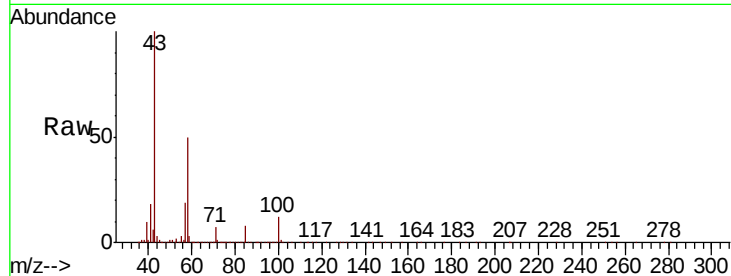




#59
2-Hexanone
Concen: 91.724 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018362.D
Acq: 11 Sep 2020 15:27

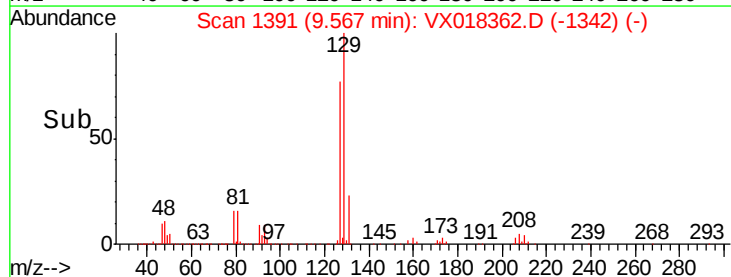
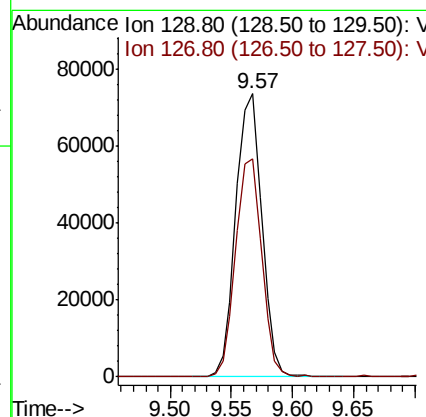
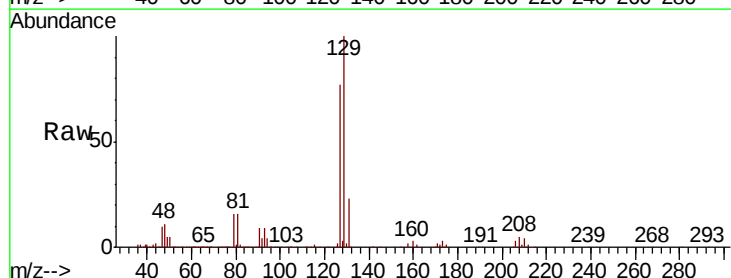
Instrument :
MSVOA_X
ClientSampleId :

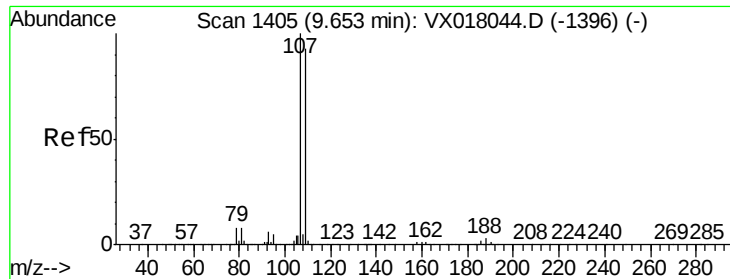
Tot Ion: 43 Resp: 472679
Ion Ratio Lower Upper
43 100
58 51.7 26.6 79.7



#60
Dibromochloromethane
Concen: 19.887 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018362.D
Acq: 11 Sep 2020 15:27

Tgt Ion:129 Resp: 108423
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 19.520 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018362.D

Acq: 11 Sep 2020 15:27

Instrument :

MSVOA_X

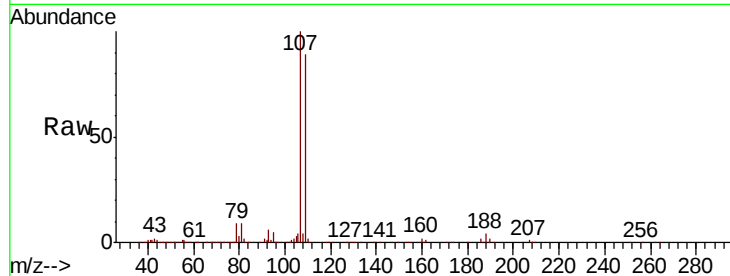
ClientSampleId :

Tot Ion:107 Resp: 98494

Ion Ratio Lower Upper

107 100

109 91.1 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

80000

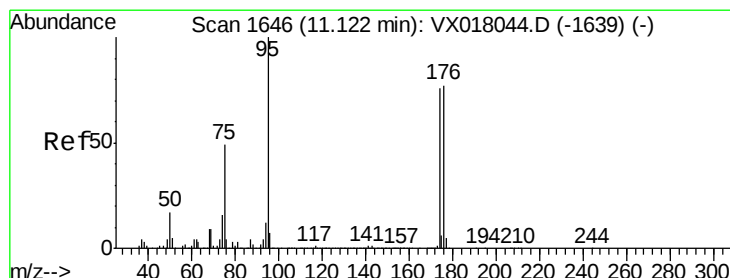
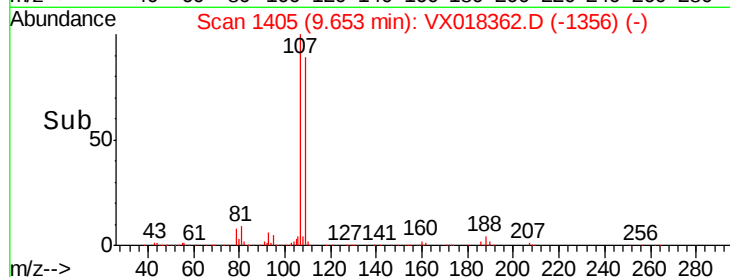
60000

40000

20000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 46.396 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018362.D

Acq: 11 Sep 2020 15:27

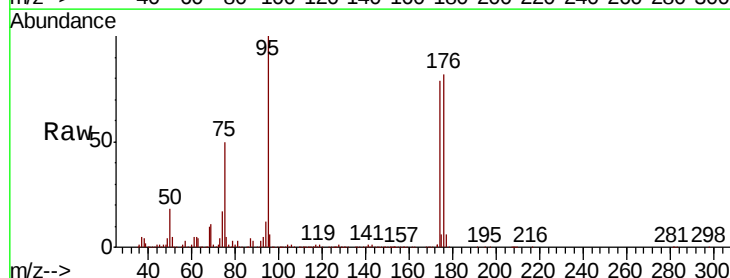
Tgt Ion: 95 Resp: 293603

Ion Ratio Lower Upper

95 100

174 80.1 0.0 160.2

176 81.0 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

300000

250000

200000

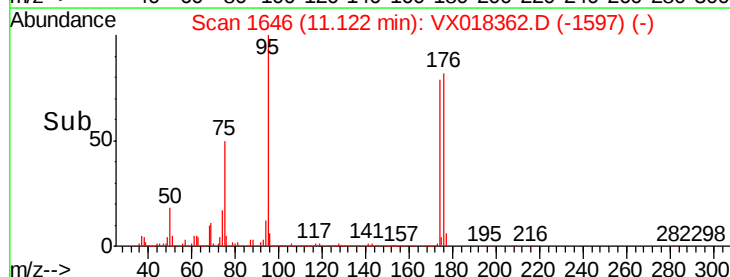
150000

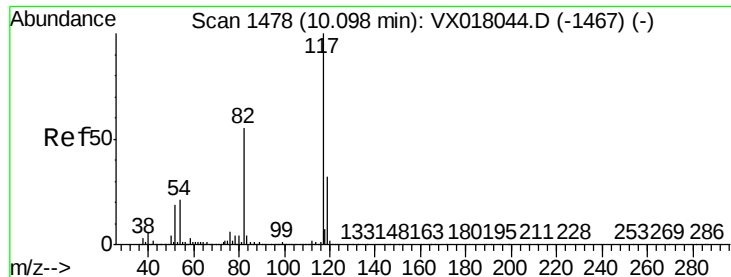
100000

50000

0

Time--> 11.10 11.20

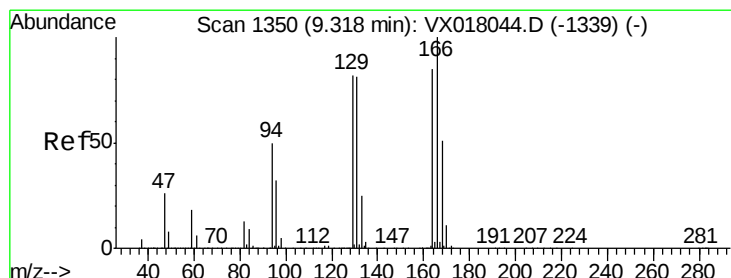
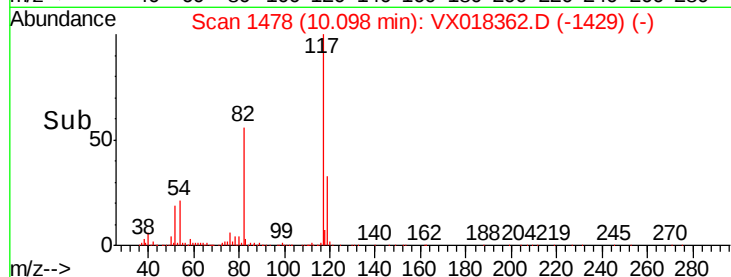
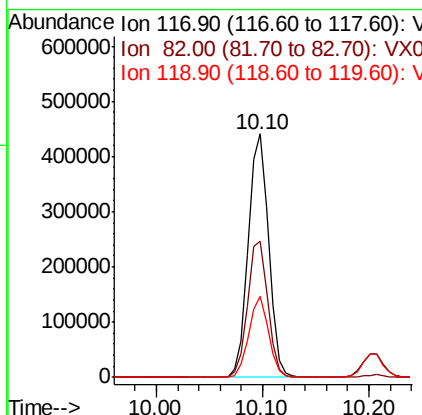
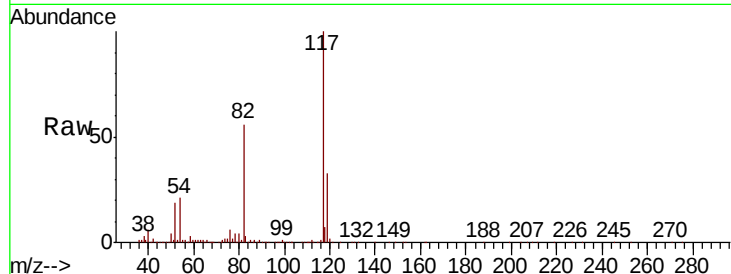




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018362.D
Acq: 11 Sep 2020 15:27

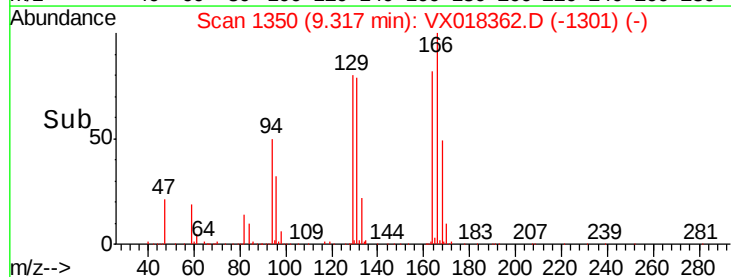
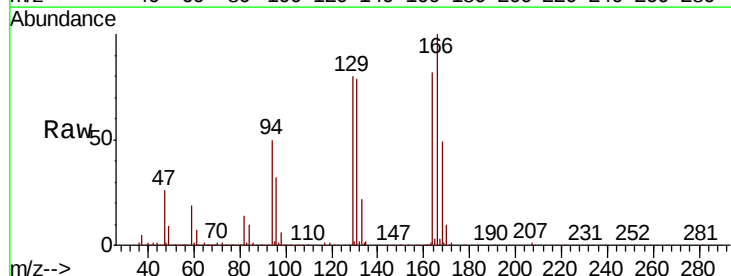
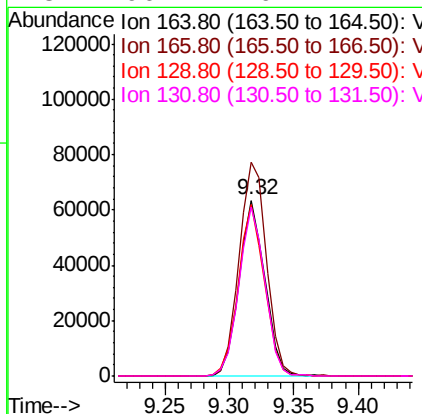
Instrument :
MSVOA_X
ClientSampled :

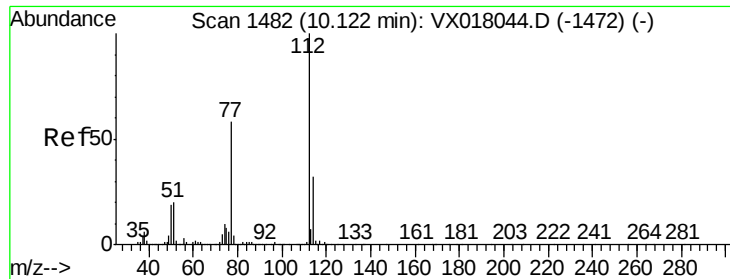
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.2	66.2
119	33.3	25.7	38.5



#64
Tetrachloroethene
Concen: 20.016 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018362.D
Acq: 11 Sep 2020 15:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.7	94.2	141.2
129	98.0	76.9	115.3
131	96.4	76.1	114.1

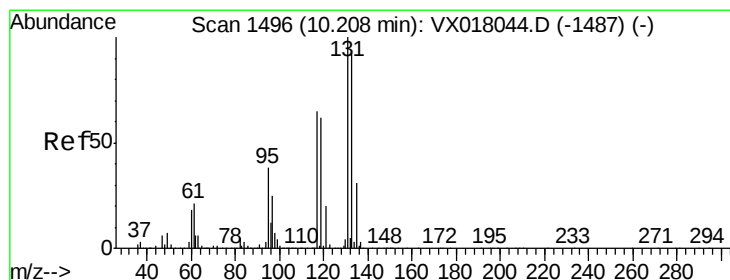
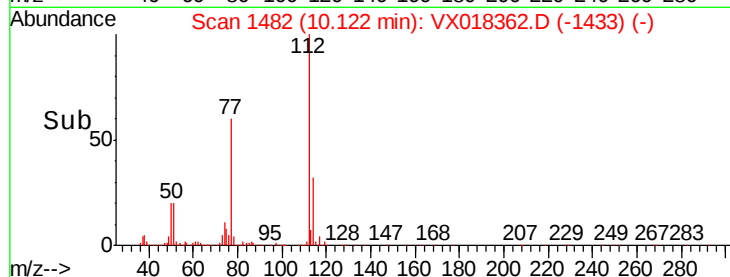
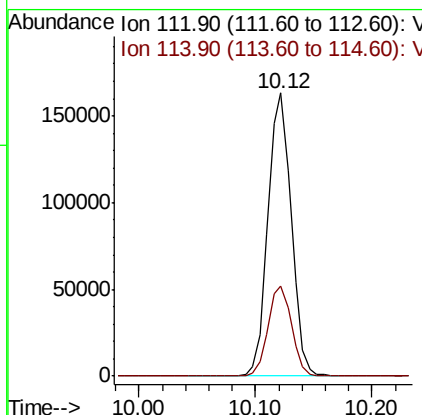
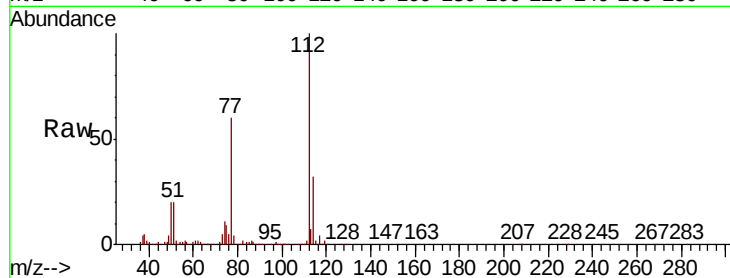




#65
Chlorobenzene
Concen: 18.936 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018362.D
Acq: 11 Sep 2020 15:27

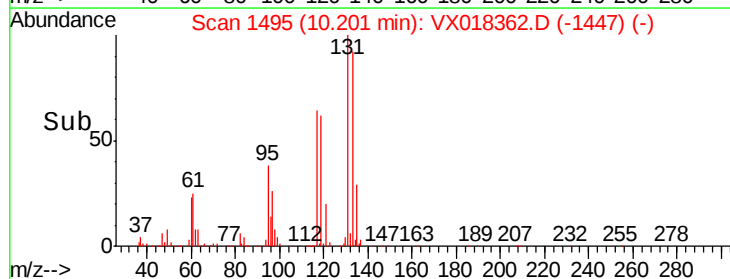
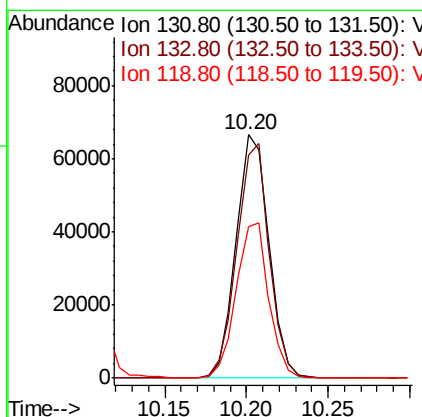
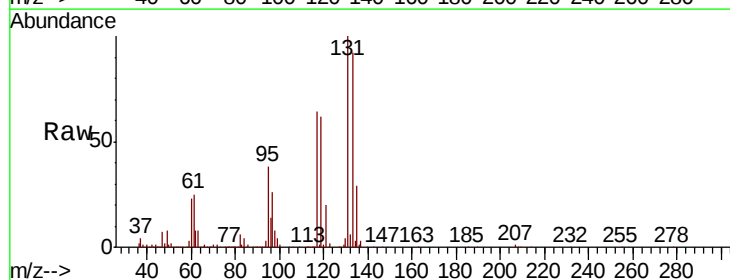
Instrument :
MSVOA_X
ClientSampleId :

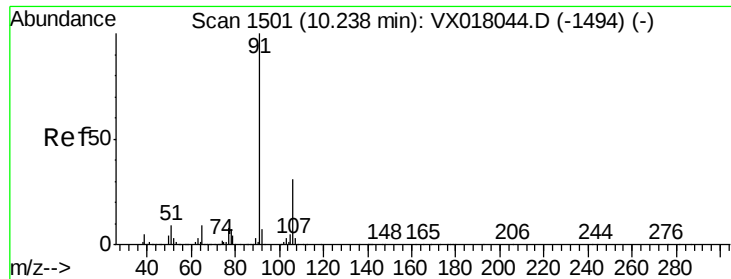
Tot Ion:112 Resp: 224946
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.929 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX018362.D
Acq: 11 Sep 2020 15:27

Tgt Ion:131 Resp: 93307
Ion Ratio Lower Upper
131 100
133 95.3 46.7 140.1
119 63.5 31.8 95.4

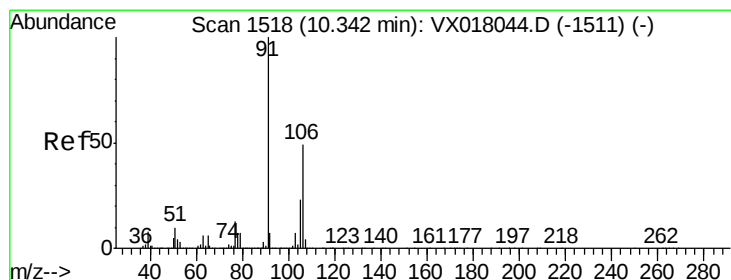
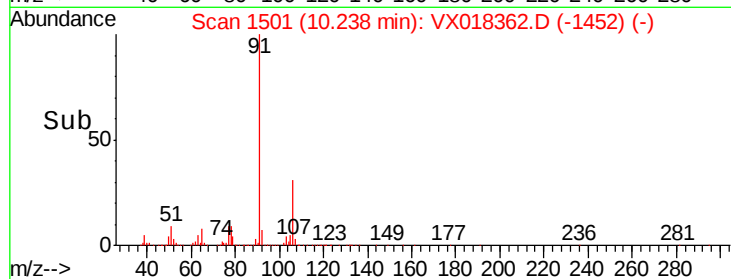
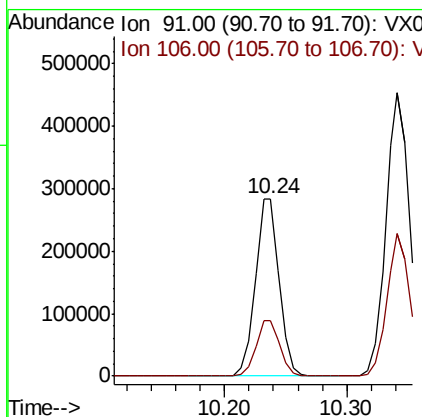
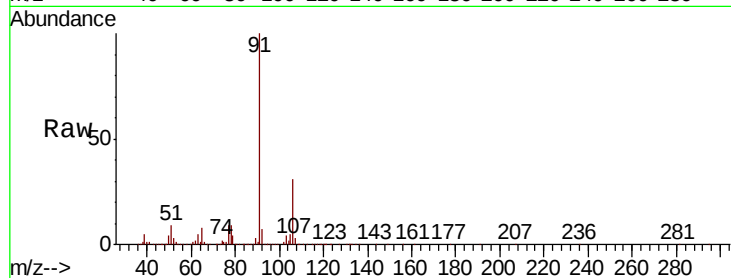




#67
Ethyl Benzene
Concen: 19.078 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018362.D
Acq: 11 Sep 2020 15:27

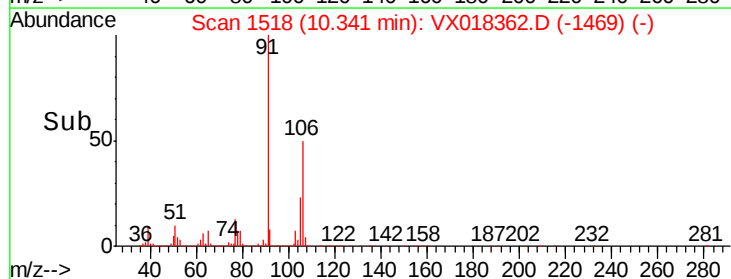
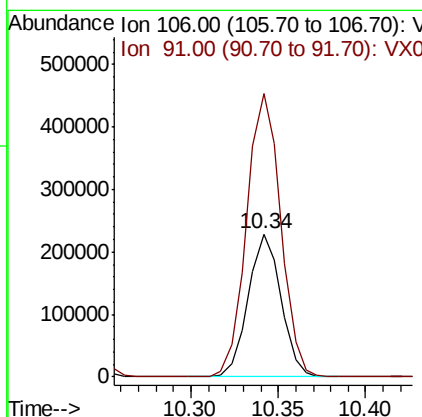
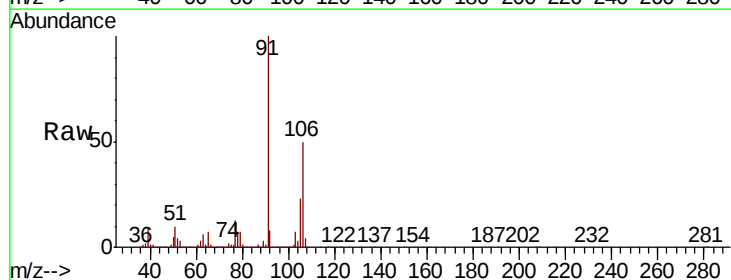
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 385407
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3



#68
m/p-Xylenes
Concen: 39.511 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018362.D
Acq: 11 Sep 2020 15:27

Tgt Ion: 106 Resp: 297928
Ion Ratio Lower Upper
106 100
91 205.8 162.2 243.2

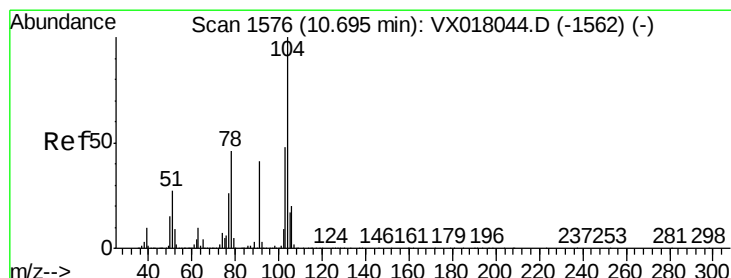
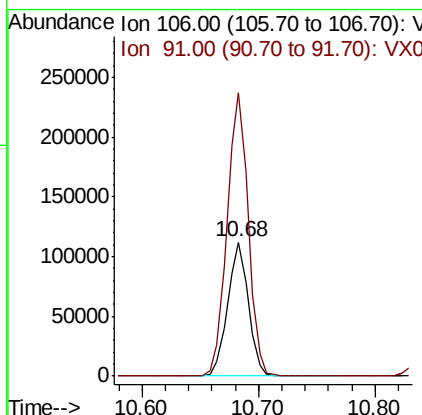
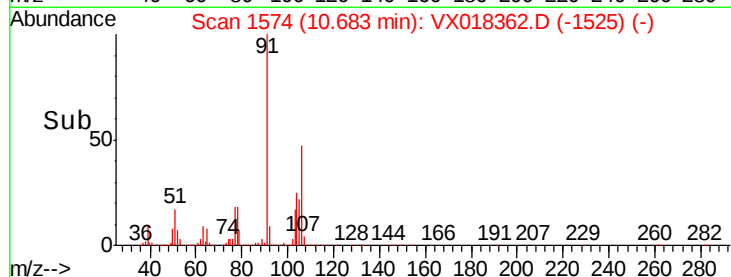
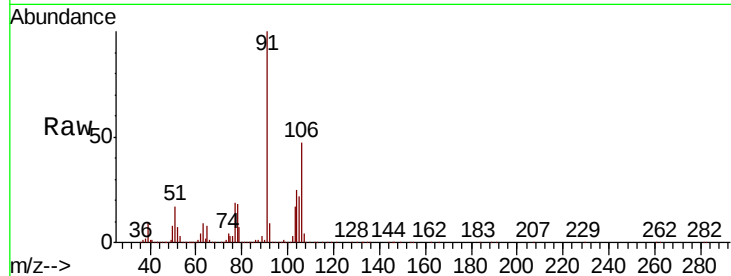




#69
o-Xylene
Concen: 18.918 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018362.D
Acq: 11 Sep 2020 15:27

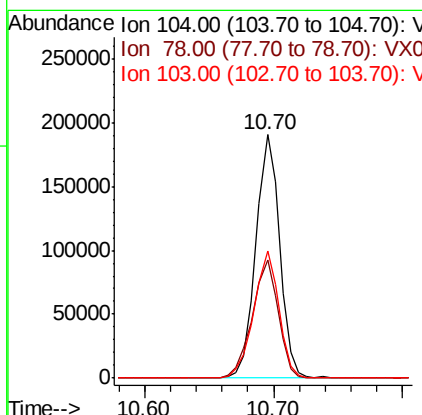
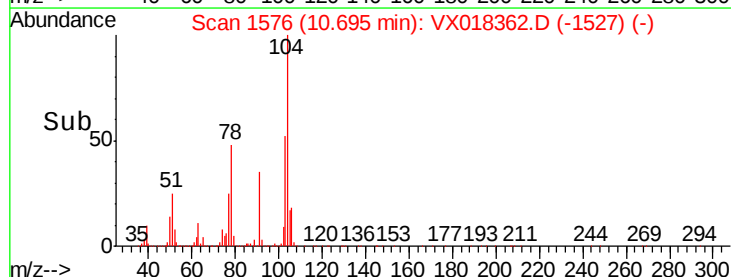
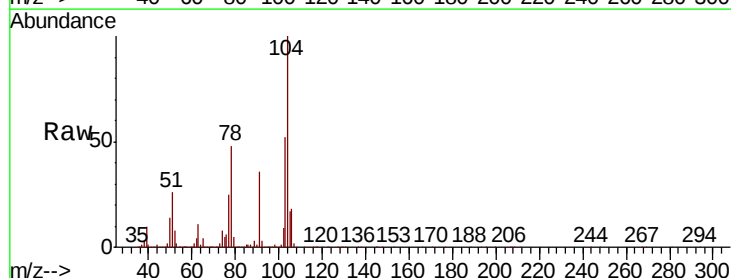
Instrument :
MSVOA_X
ClientSampled :

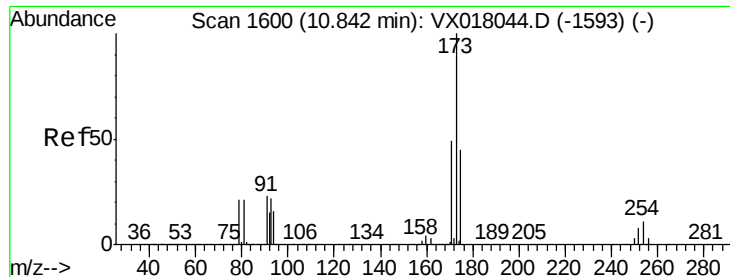
Tot Ion:106 Resp: 138280
Ion Ratio Lower Upper
106 100
91 216.4 107.1 321.3



#70
Styrene
Concen: 19.378 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018362.D
Acq: 11 Sep 2020 15:27

Tgt Ion:104 Resp: 241225
Ion Ratio Lower Upper
104 100
78 53.3 40.9 61.3
103 55.6 43.6 65.4





#71

Bromoform

Concen: 20.790 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018362.D

Acq: 11 Sep 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

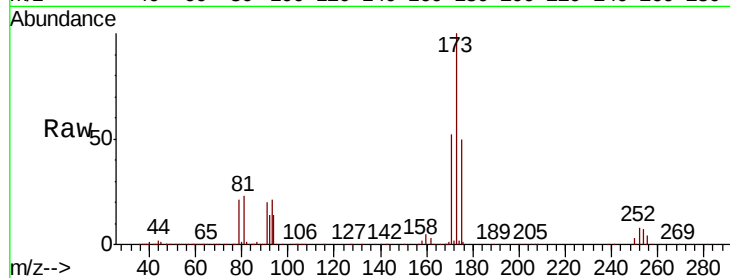
Tot Ion:173 Resp: 83026

Ion Ratio Lower Upper

173 100

175 48.2 23.9 71.8

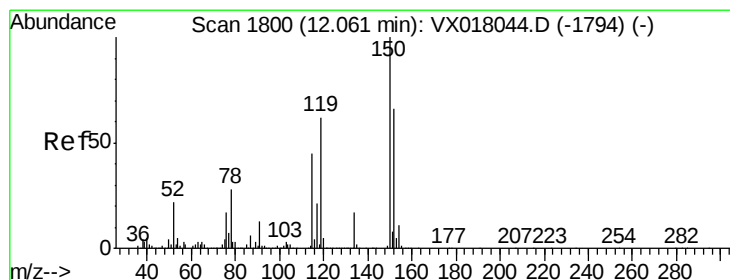
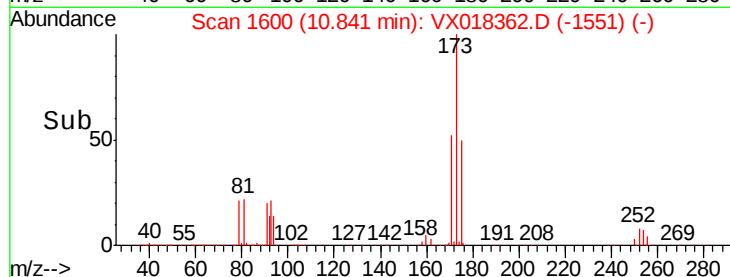
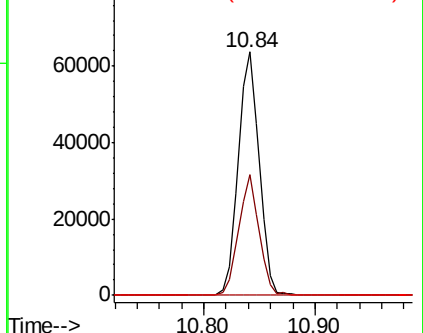
254 0.3 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018362.D

Acq: 11 Sep 2020 15:27

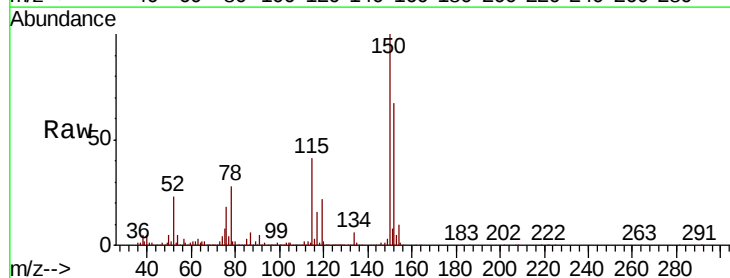
Tgt Ion:152 Resp: 321089

Ion Ratio Lower Upper

152 100

115 70.3 41.5 124.5

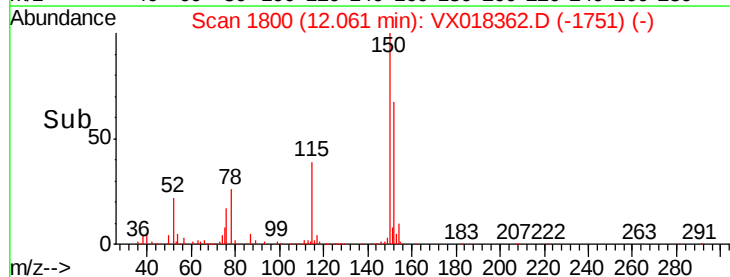
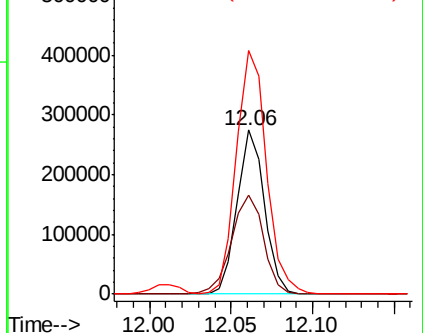
150 163.5 0.0 343.8

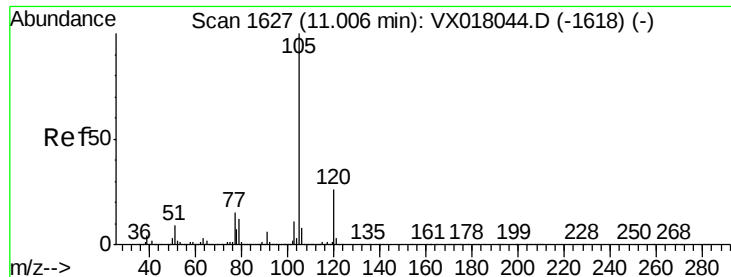


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.176 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018362.D

Acq: 11 Sep 2020 15:27

Instrument :

MSVOA_X

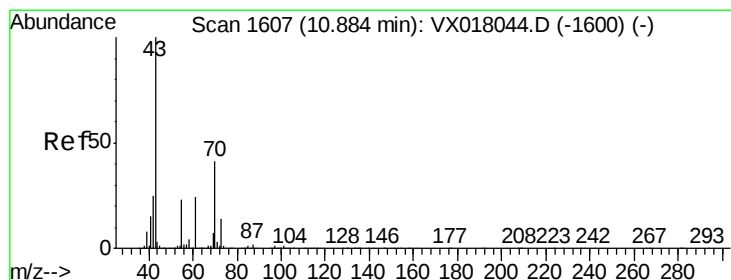
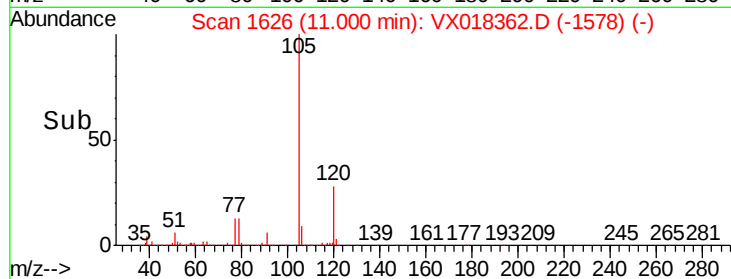
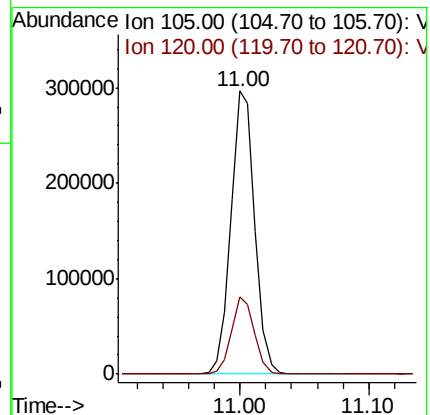
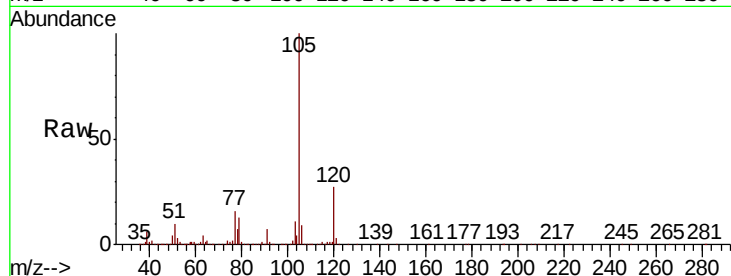
ClientSampleId :

Tot Ion:105 Resp: 384965

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.5



#74

N-ethyl acetate

Concen: 16.515 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018362.D

Acq: 11 Sep 2020 15:27

Tgt Ion: 43 Resp: 165956

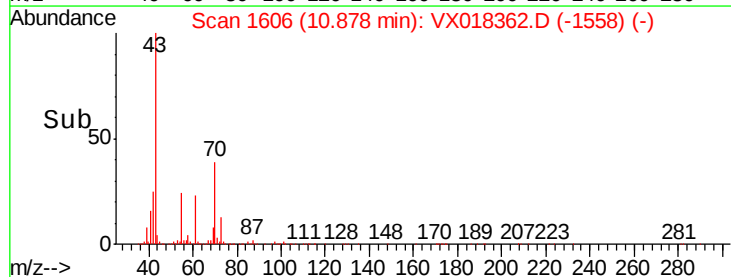
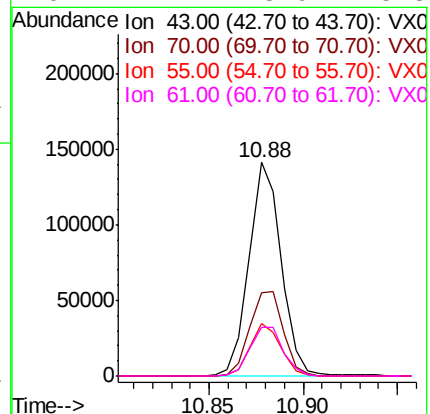
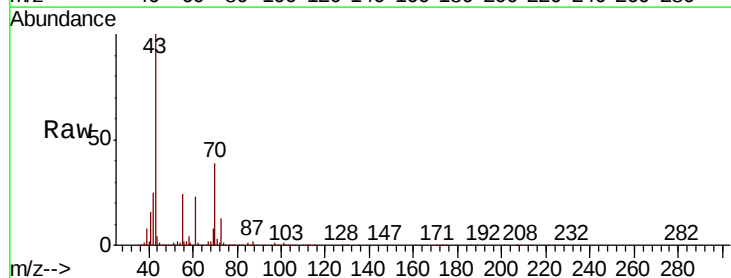
Ion Ratio Lower Upper

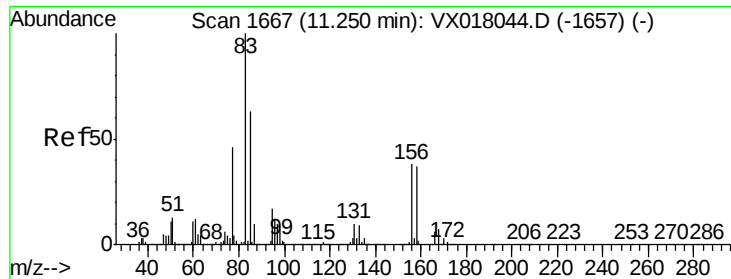
43 100

70 41.9 32.3 48.5

55 23.9 18.2 27.2

61 24.1 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 17.639 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018362.D

Acq: 11 Sep 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

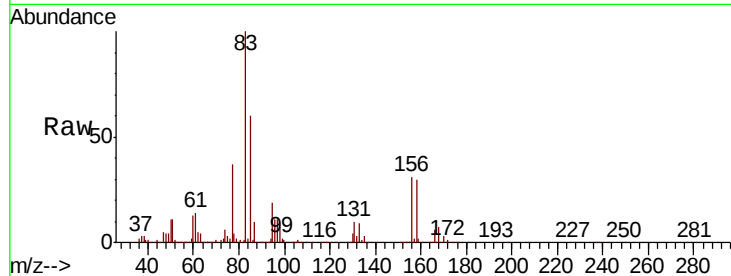
Tot Ion: 83 Resp: 131790

Ion Ratio Lower Upper

83 100

131 11.3 5.1 15.4

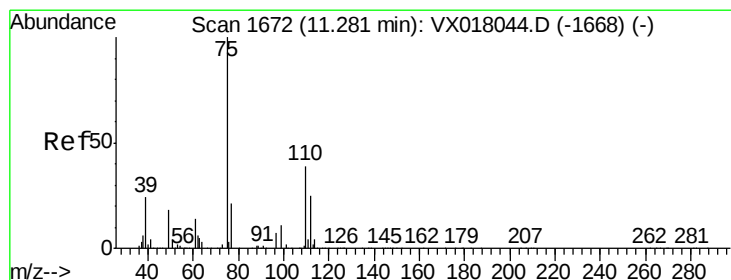
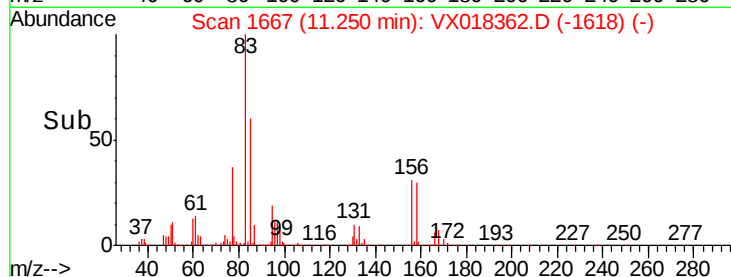
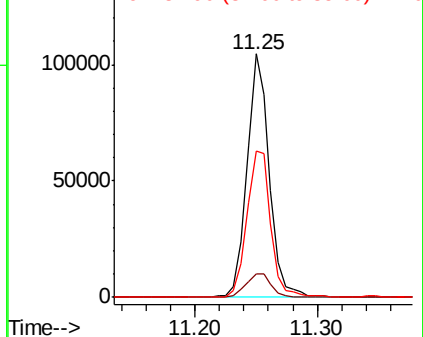
85 64.7 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.287 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018362.D

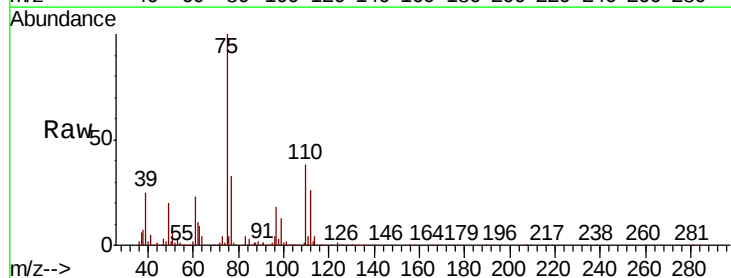
Acq: 11 Sep 2020 15:27

Tgt Ion: 75 Resp: 159188

Ion Ratio Lower Upper

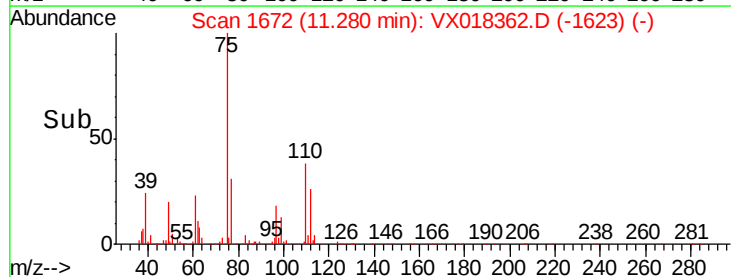
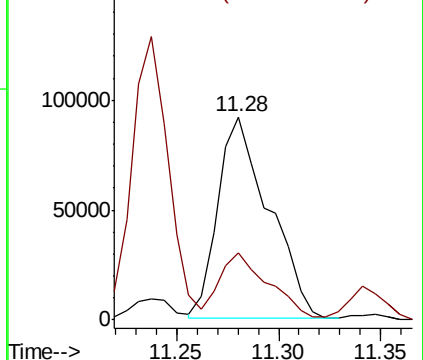
75 100

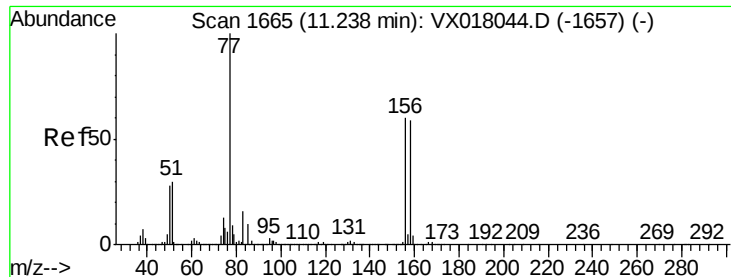
77 32.2 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.659 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018362.D

Acq: 11 Sep 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

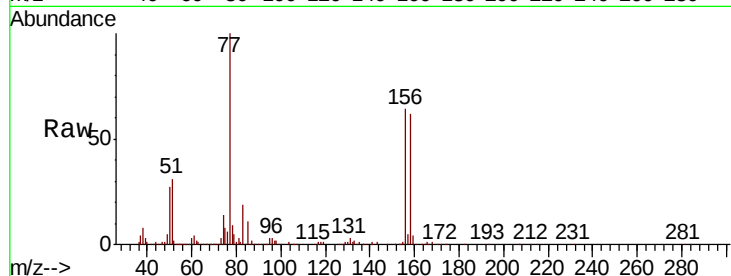
Tot Ion:156 Resp: 103384

Ion Ratio Lower Upper

156 100

77 156.5 80.0 240.2

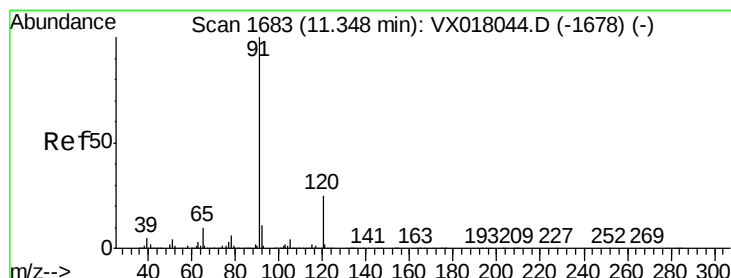
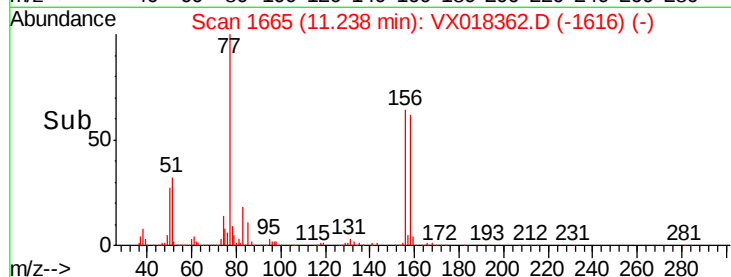
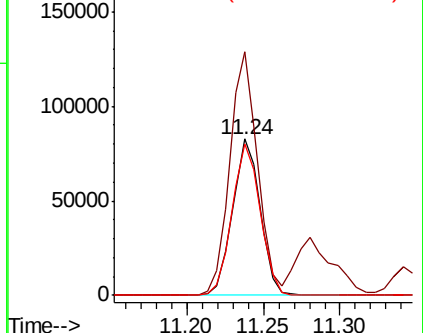
158 98.9 49.5 148.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.420 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018362.D

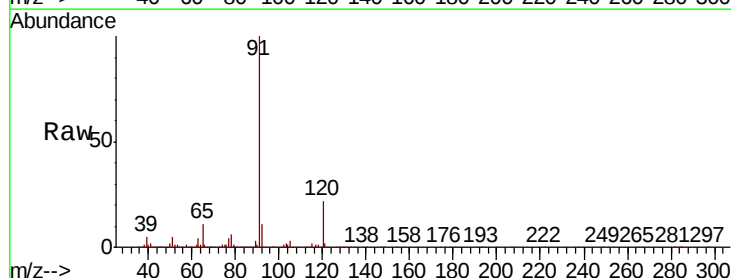
Acq: 11 Sep 2020 15:27

Tgt Ion: 91 Resp: 442969

Ion Ratio Lower Upper

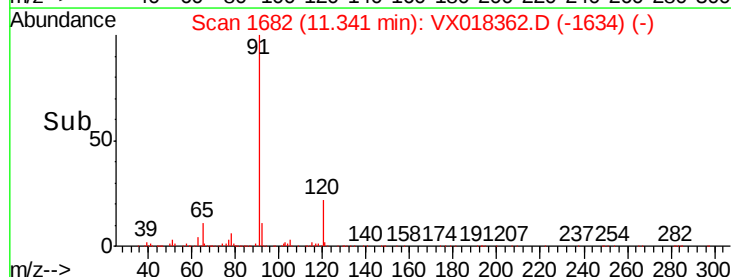
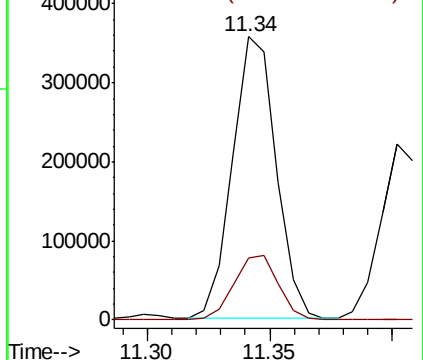
91 100

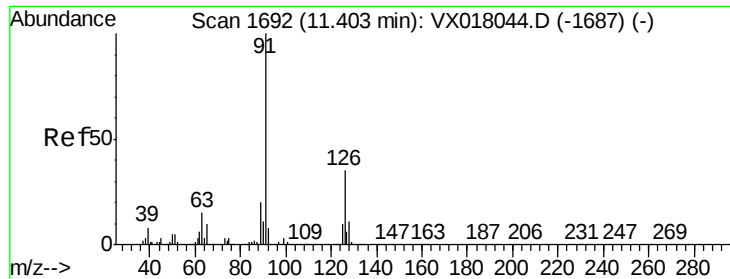
120 23.4 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

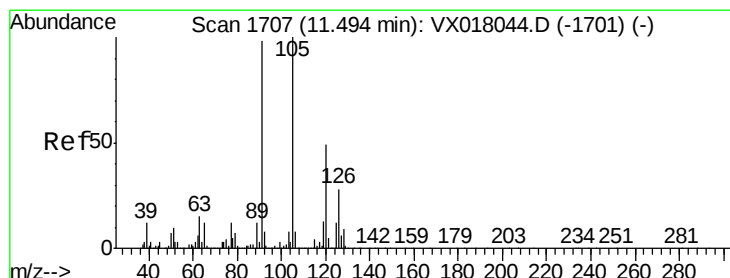
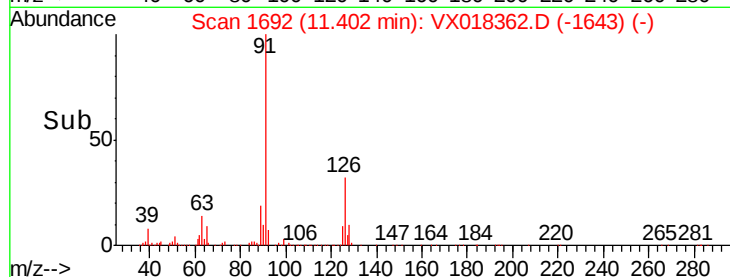
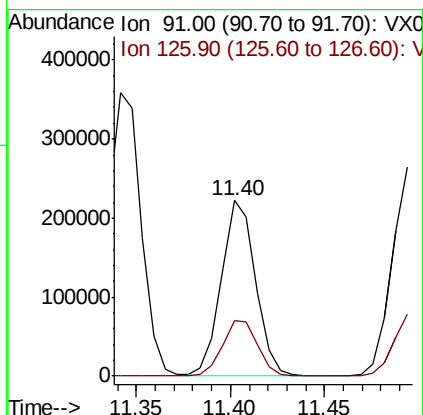
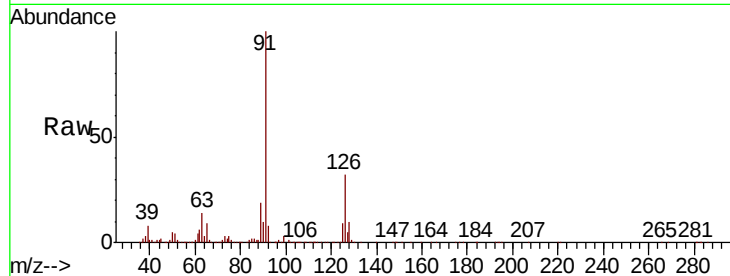




#79
2-Chlorotoluene
Concen: 18.566 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX018362.D
Acq: 11 Sep 2020 15:27

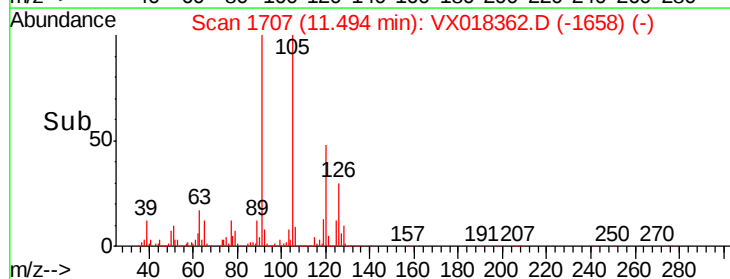
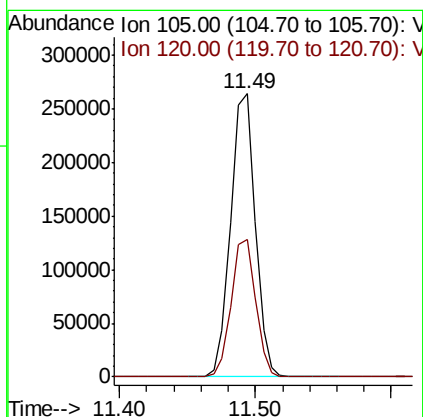
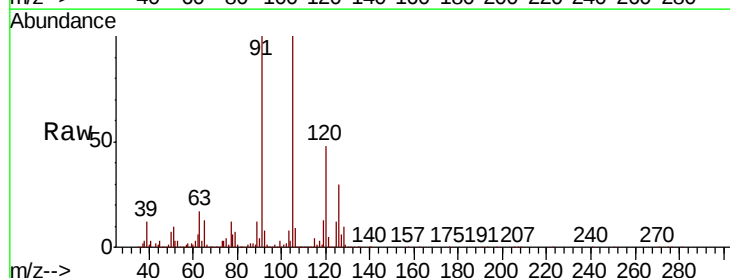
Instrument :
MSVOA_X
ClientSampled :

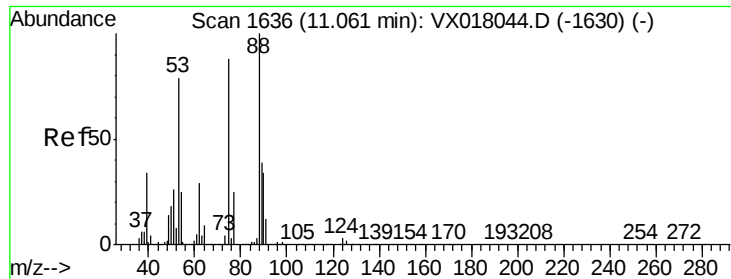
Tot Ion: 91 Resp: 275842
Ion Ratio Lower Upper
91 100
126 33.0 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 19.208 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018362.D
Acq: 11 Sep 2020 15:27

Tgt Ion: 105 Resp: 334306
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 17.090 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX018362.D

Acq: 11 Sep 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

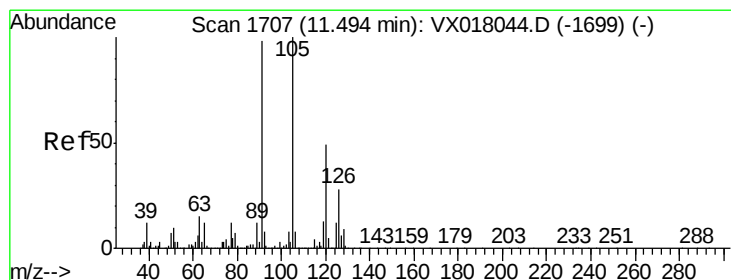
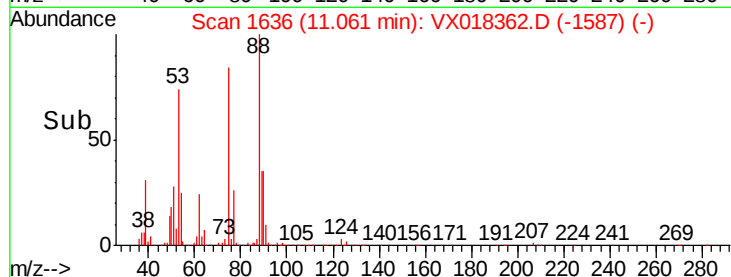
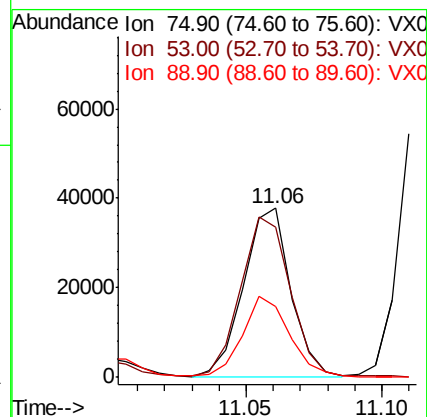
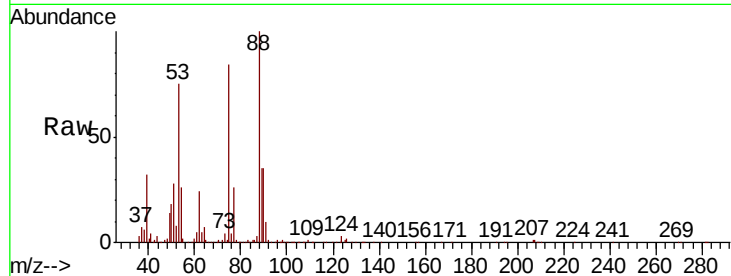
Tot Ion: 75 Resp: 45197

Ion Ratio Lower Upper

75 100

53 99.9 74.7 112.1

89 49.3 36.6 54.8



#82

4-Chlorotoluene

Concen: 18.064 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018362.D

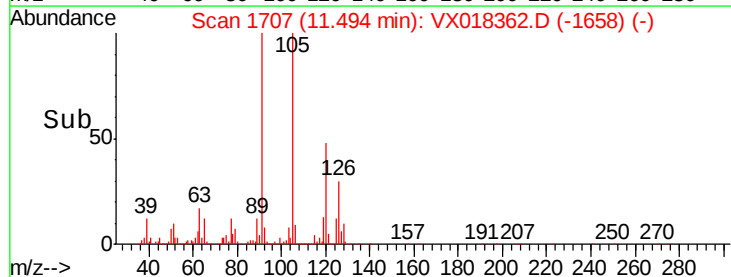
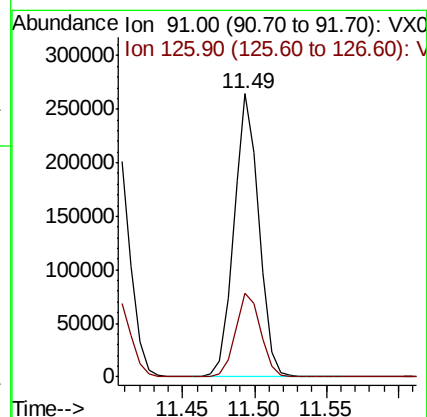
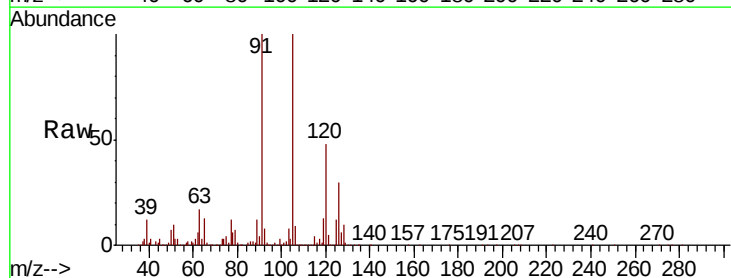
Acq: 11 Sep 2020 15:27

Tgt Ion: 91 Resp: 319063

Ion Ratio Lower Upper

91 100

126 30.2 15.1 45.3

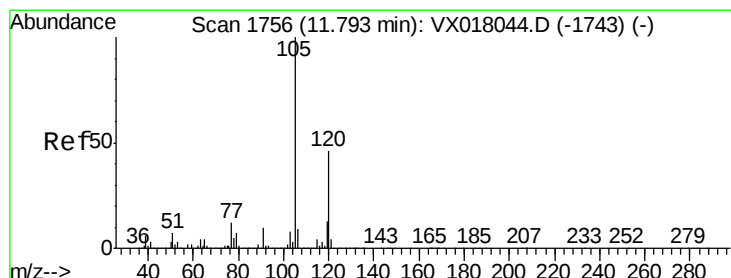
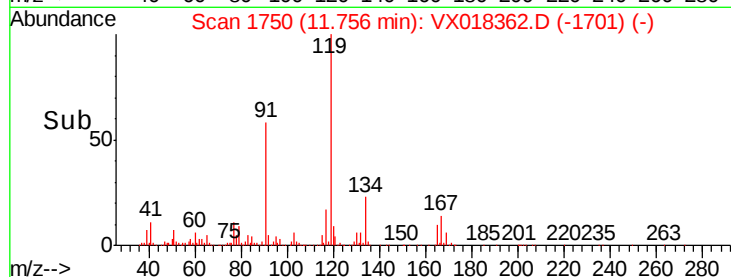
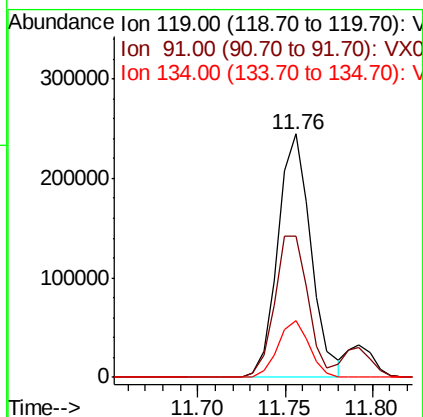
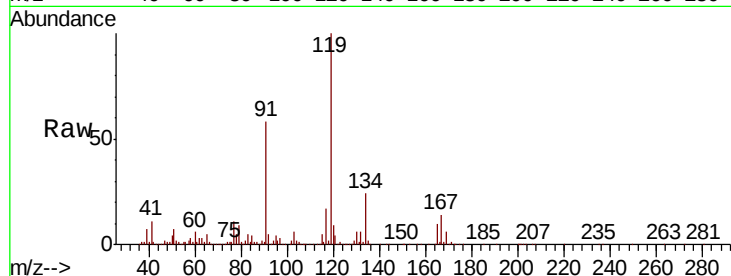




#83
tert-Butylbenzene
Concen: 18.810 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX018362.D
Acq: 11 Sep 2020 15:27

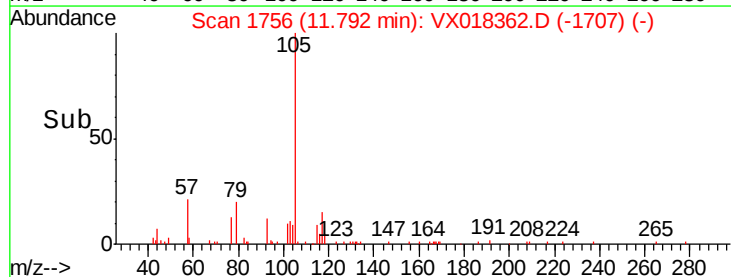
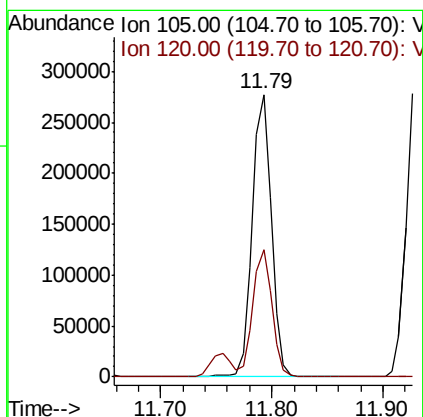
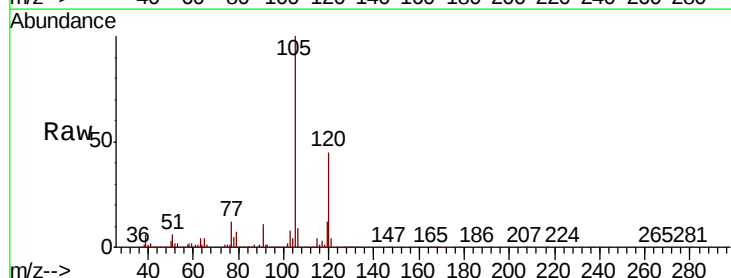
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.1	28.2	84.7
134	22.3	11.3	33.8



#84
1,2,4-Trimethylbenzene
Concen: 18.775 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX018362.D
Acq: 11 Sep 2020 15:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.3	66.9

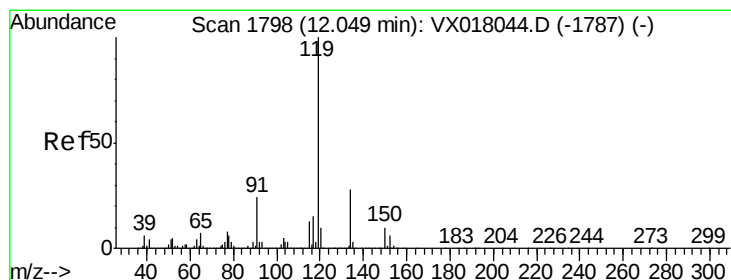
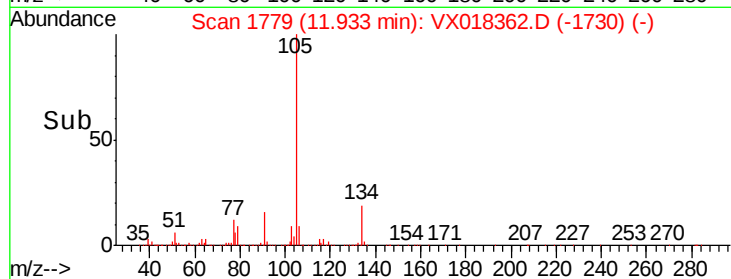
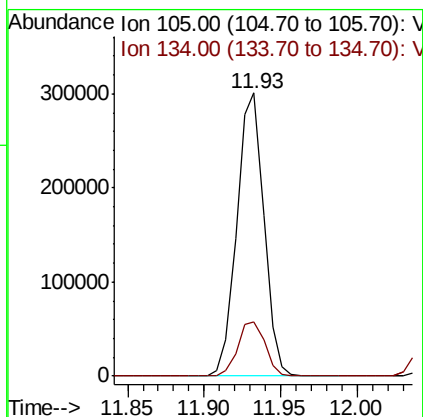
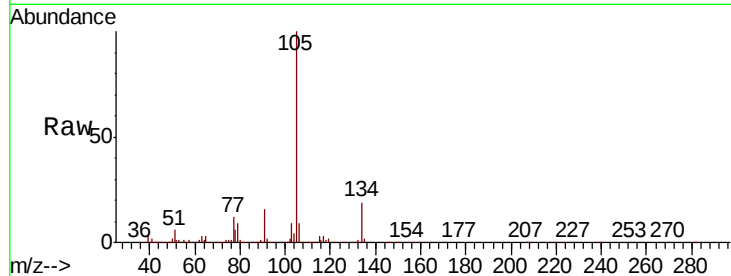




#85
 sec-Butylbenzene
 Concen: 18.833 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018362.D
 Acq: 11 Sep 2020 15:27

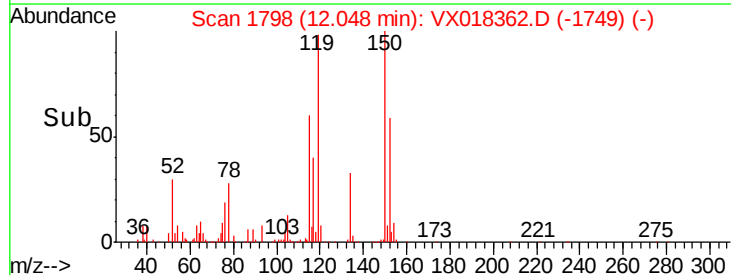
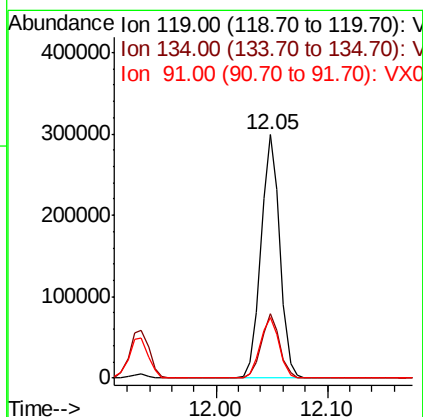
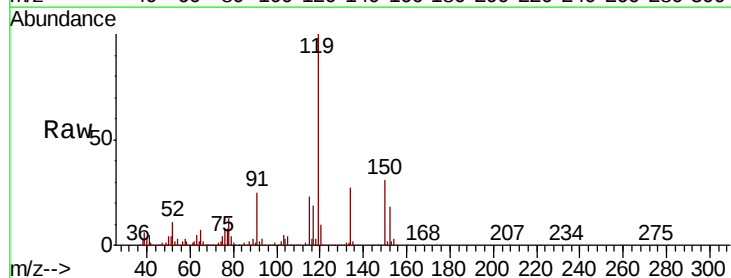
Instrument :
 MSVOA_X
 ClientSampleId :

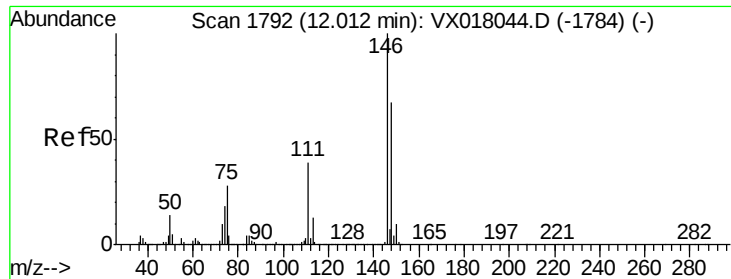
Tot Ion:105 Resp: 367843
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 19.705 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018362.D
 Acq: 11 Sep 2020 15:27

Tgt Ion:119 Resp: 353529
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.2 39.5
 91 25.1 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 18.852 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018362.D

Acq: 11 Sep 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

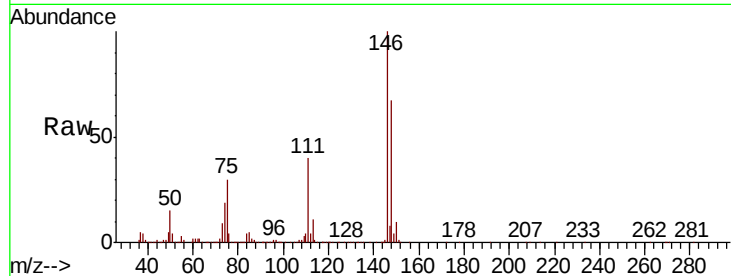
Tot Ion:146 Resp: 193778

Ion Ratio Lower Upper

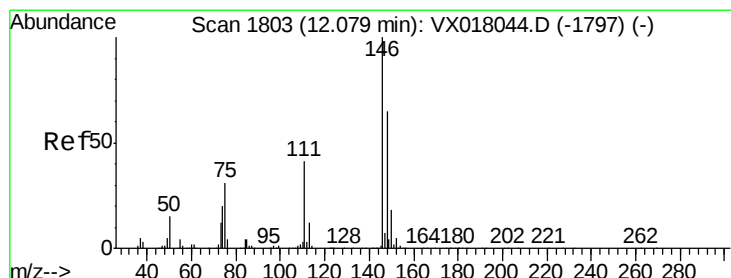
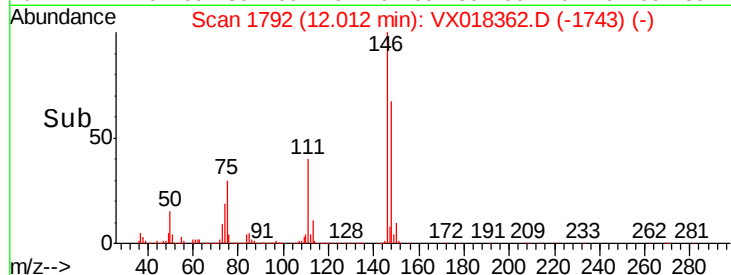
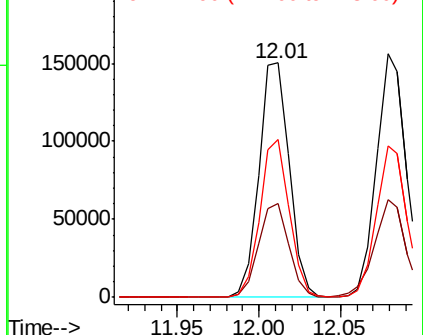
146 100

111 40.3 20.6 61.8

148 65.4 33.1 99.2



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.089 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX018362.D

Acq: 11 Sep 2020 15:27

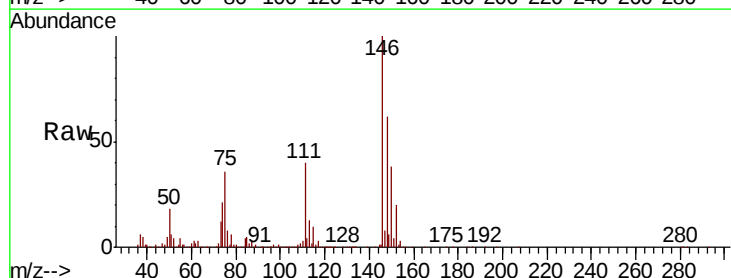
Tgt Ion:146 Resp: 196458

Ion Ratio Lower Upper

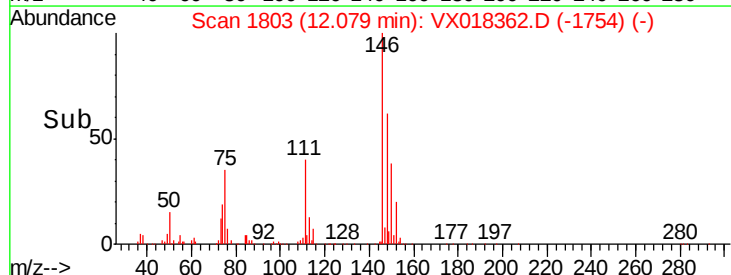
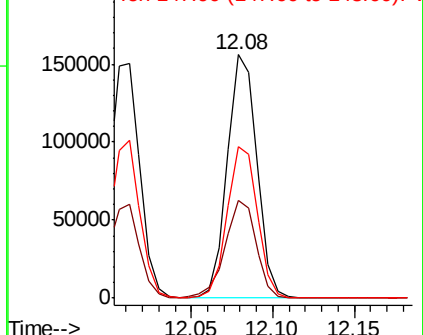
146 100

111 42.0 20.3 60.8

148 63.6 33.1 99.2



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

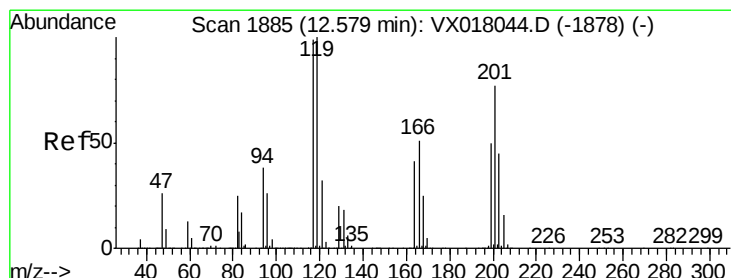
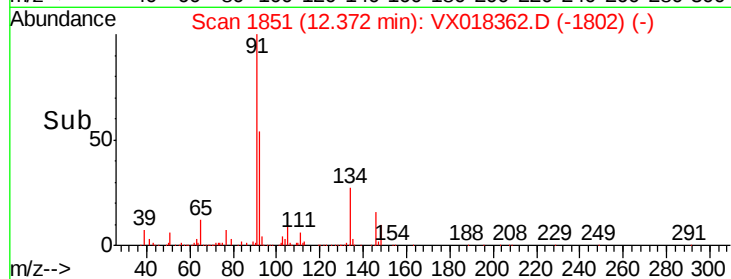
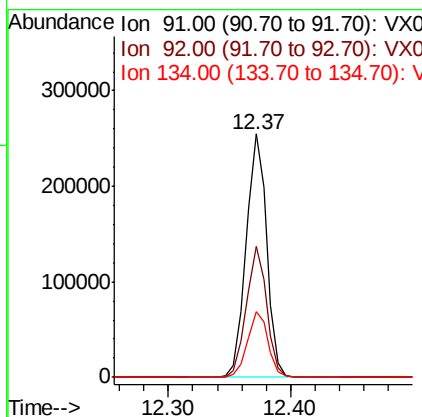
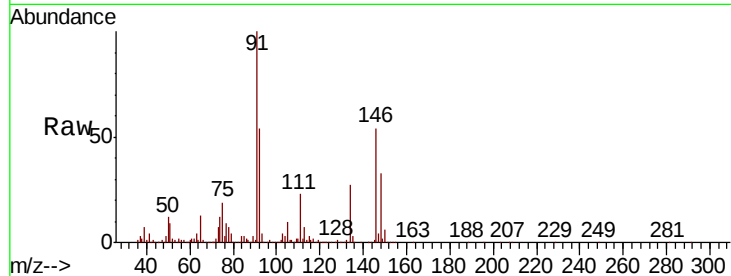




#89
n-Butylbenzene
Concen: 18.078 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018362.D
Acq: 11 Sep 2020 15:27

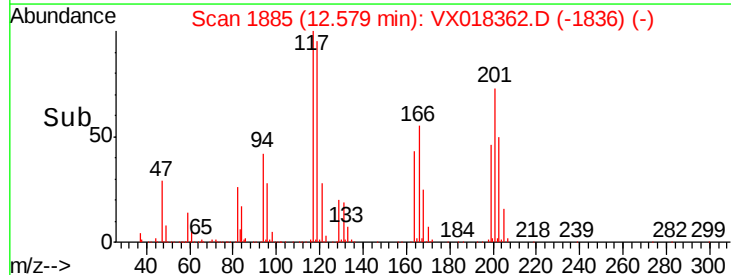
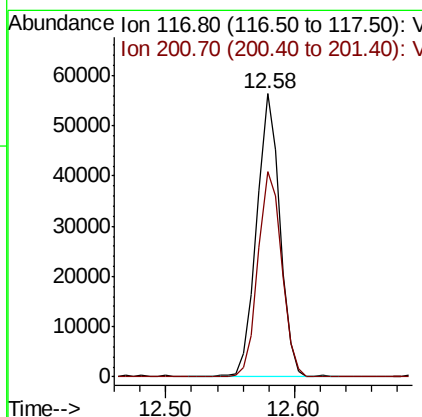
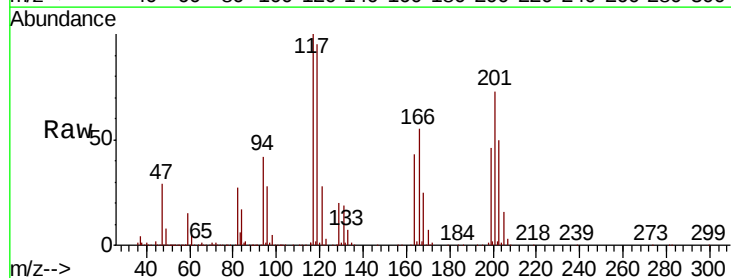
Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.4	79.2
134	27.3	12.9	38.7



#90
Hexachloroethane
Concen: 19.706 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018362.D
Acq: 11 Sep 2020 15:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.4	38.5	115.3





#91

1,2-Dichlorobenzene

Concen: 19.134 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018362.D

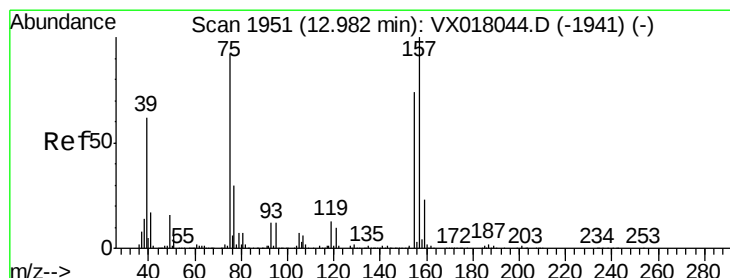
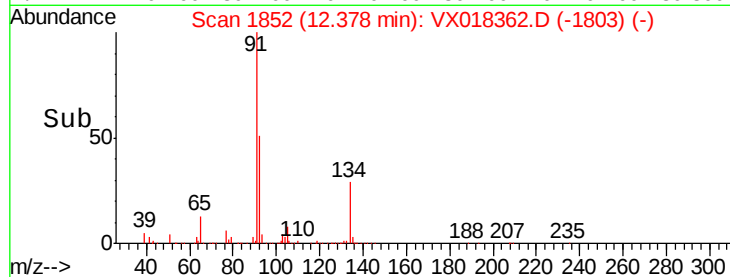
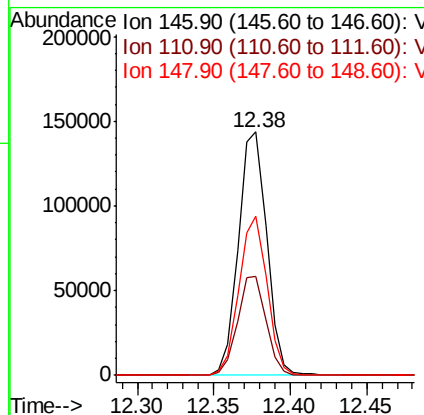
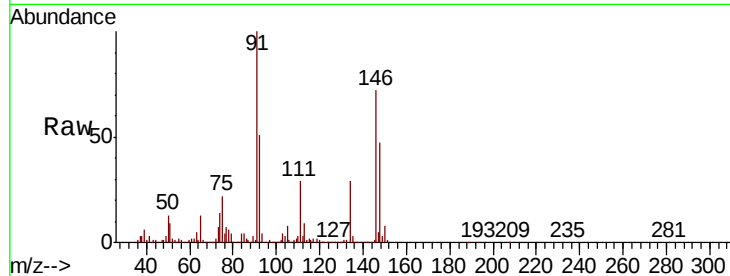
Acq: 11 Sep 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	146	Resp:	185129
Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.8	62.5
148	64.7	31.6	95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.328 ug/l

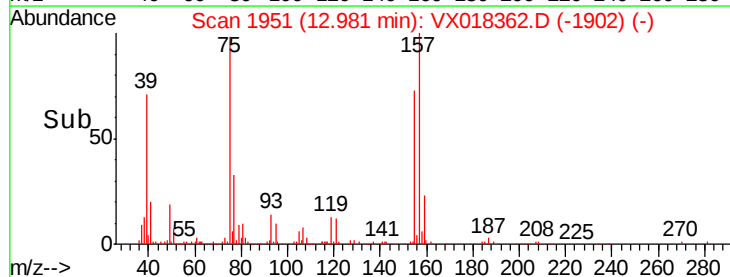
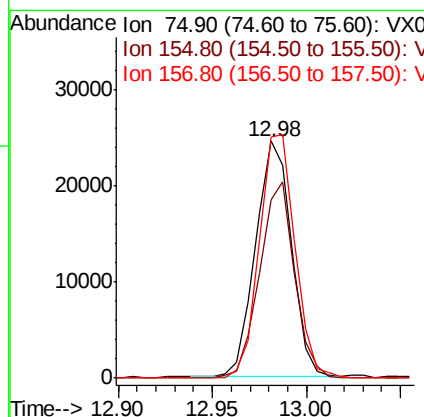
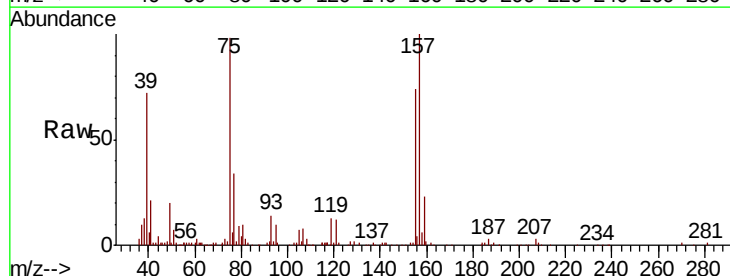
RT: 12.98 min Scan# 1951

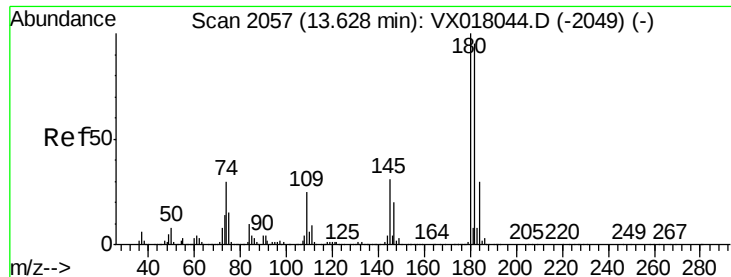
Delta R.T. -0.00 min

Lab File: VX018362.D

Acq: 11 Sep 2020 15:27

Tgt Ion:	75	Resp:	32371
Ion	Ratio	Lower	Upper
75	100		
155	80.9	40.2	120.6
157	102.8	55.0	165.2





#93

1,2,4-Trichlorobenzene

Concen: 18.389 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX018362.D

Acq: 11 Sep 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

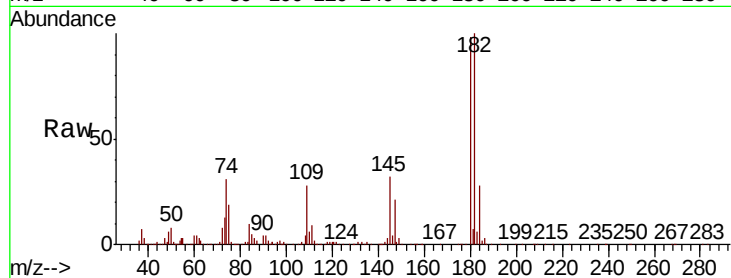
Tot Ion:180 Resp: 118644

Ion Ratio Lower Upper

180 100

182 99.5 47.5 142.6

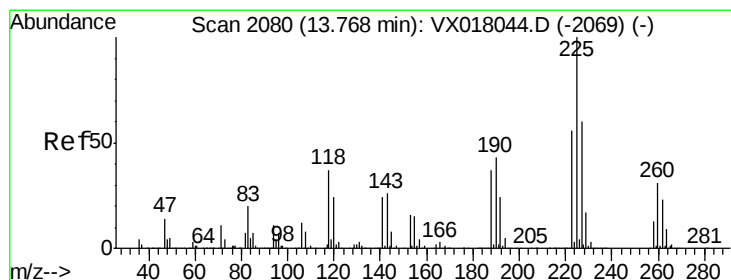
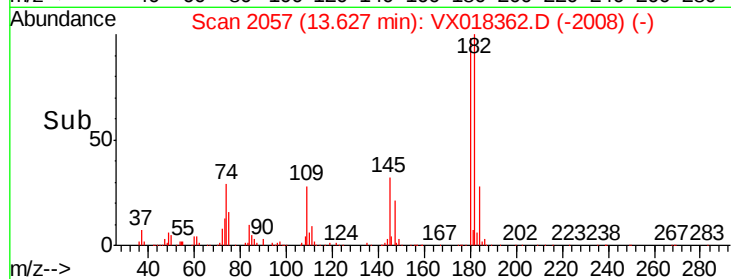
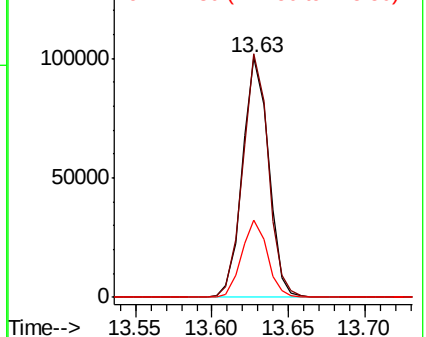
145 31.5 15.7 47.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 20.837 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX018362.D

Acq: 11 Sep 2020 15:27

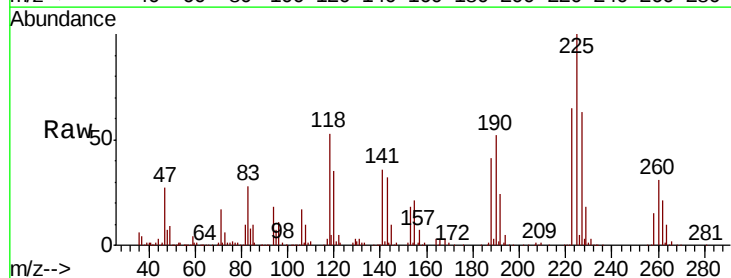
Tgt Ion:225 Resp: 53027

Ion Ratio Lower Upper

225 100

223 63.6 30.7 92.1

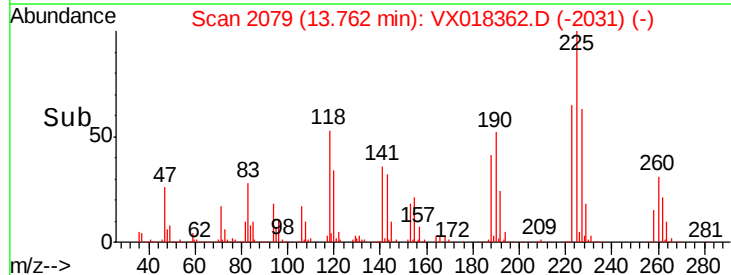
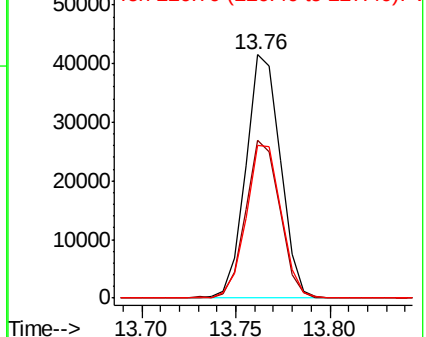
227 63.5 32.6 97.8

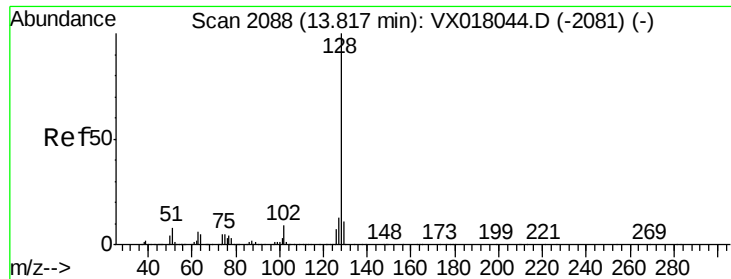


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 17.940 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018362.D

Acq: 11 Sep 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

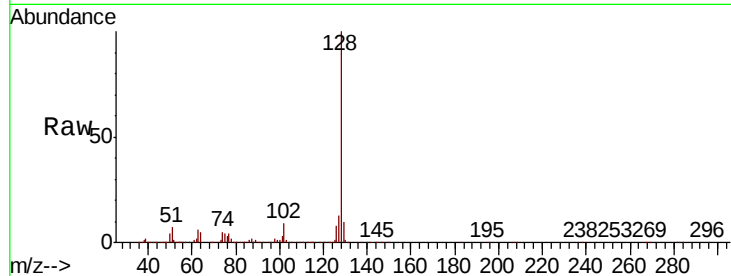
Tot Ion:128 Resp: 380937

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

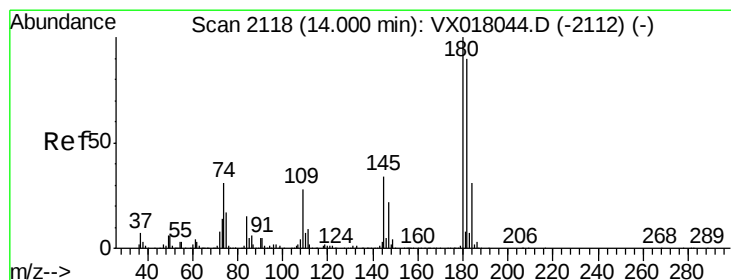
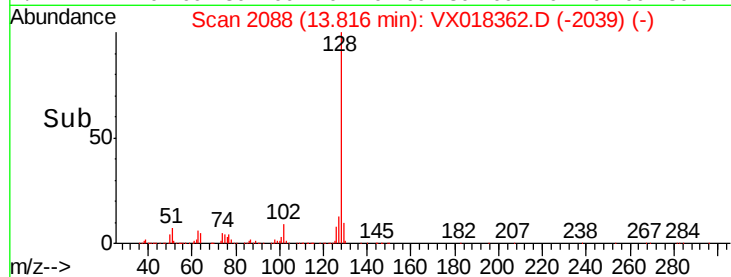
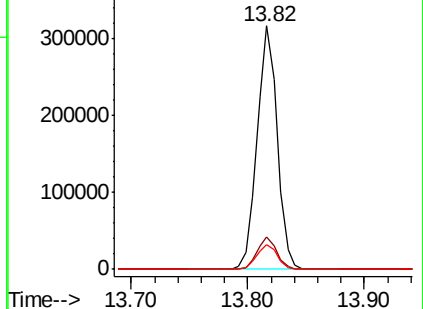
129 10.4 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.545 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX018362.D

Acq: 11 Sep 2020 15:27

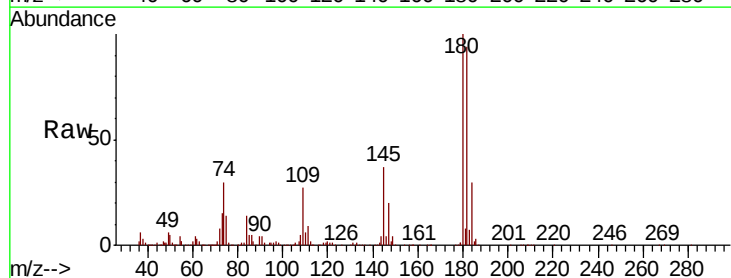
Tgt Ion:180 Resp: 118225

Ion Ratio Lower Upper

180 100

182 96.6 47.3 142.0

145 35.1 17.5 52.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

