

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071320\
 Data File : VX071362.D
 Acq On : 13 Jul 2020 18:44
 Operator : JC/SP
 Sample : VX0713WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBSD01

Quant Time: Jul 14 03:04:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	304823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	473231	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	450263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	244763	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	188798	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
35) Dibromofluoromethane	5.46	113	153721	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
50) Toluene-d8	8.70	98	574161	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
62) 4-Bromofluorobenzene	11.12	95	220045	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	58680	22.750	ug/l	99
3) Chloromethane	1.31	50	60662	20.890	ug/l	99
4) Vinyl Chloride	1.39	62	61754	21.497	ug/l	97
5) Bromomethane	1.63	94	42473	22.712	ug/l	98
6) Chloroethane	1.71	64	37430	20.642	ug/l	96
7) Trichlorofluoromethane	1.92	101	98669	20.350	ug/l	96
8) Diethyl Ether	2.17	74	33511	19.553	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	55552	20.113	ug/l	97
10) Methyl Iodide	2.50	142	62652	18.677	ug/l	98
11) Tert butyl alcohol	3.01	59	68889	106.875	ug/l	99
12) 1,1-Dichloroethene	2.35	96	56075	20.215	ug/l	90
13) Acrolein	2.28	56	29733	84.148	ug/l	99
14) Allyl chloride	2.71	41	97712	20.329	ug/l	97
15) Acrylonitrile	3.12	53	166185	106.355	ug/l	99
16) Acetone	2.42	43	137446	100.702	ug/l	97
17) Carbon Disulfide	2.55	76	166353	20.557	ug/l	100
18) Methyl Acetate	2.75	43	72470	21.497	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	195759	20.783	ug/l	99
20) Methylene Chloride	2.84	84	65910	19.792	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	64575	20.346	ug/l	97
22) Diisopropyl ether	3.83	45	195365	21.337	ug/l	90
23) Vinyl Acetate	3.79	43	867746	107.763	ug/l	100
24) 1,1-Dichloroethane	3.67	63	113574	21.107	ug/l	99
25) 2-Butanone	4.63	43	233495	107.709	ug/l	99
26) 2,2-Dichloropropane	4.56	77	93557	18.682	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	71645	20.585	ug/l	98
28) Bromochloromethane	4.98	49	50999	20.517	ug/l	98
29) Tetrahydrofuran	5.09	42	152859	108.930	ug/l	99
30) Chloroform	5.18	83	118546	20.477	ug/l	99
31) Cyclohexane	5.55	56	96867	21.990	ug/l	96
32) 1,1,1-Trichloroethane	5.47	97	110250	20.600	ug/l	100
36) 1,1-Dichloropropene	5.77	75	86154	19.793	ug/l	100
37) Ethyl Acetate	4.79	43	91172	20.253	ug/l	98
38) Carbon Tetrachloride	5.76	117	101169	19.851	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071320\
 Data File : VX071362.D
 Acq On : 13 Jul 2020 18:44
 Operator : JC/SP
 Sample : VX0713WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBSD01

Quant Time: Jul 14 03:04:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	95579	20.220	ug/l	99
40) Benzene	6.11	78	255650	20.436	ug/l	98
41) Methacrylonitrile	5.01	41	51919	21.484	ug/l	96
42) 1,2-Dichloroethane	6.16	62	97287	20.017	ug/l	99
43) Isopropyl Acetate	6.42	43	147205	20.465	ug/l	99
44) Trichloroethene	7.19	130	76077	19.910	ug/l	99
45) 1,2-Dichloropropane	7.49	63	67276	21.018	ug/l	99
46) Dibromomethane	7.64	93	47288	20.484	ug/l	96
47) Bromodichloromethane	7.88	83	96280	19.949	ug/l	100
48) Methyl methacrylate	7.75	41	71880	20.824	ug/l	98
49) 1,4-Dioxane	7.71	88	29391	416.077	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	468321	106.776	ug/l	100
52) Toluene	8.76	92	165569	20.625	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	103832	19.970	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	113218	20.416	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	67819	20.260	ug/l	98
56) Ethyl methacrylate	9.16	69	95956	20.190	ug/l	99
57) 1,3-Dichloropropane	9.35	76	112604	20.222	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	250023	103.610	ug/l	98
59) 2-Hexanone	9.47	43	351283	106.116	ug/l	99
60) Dibromochloromethane	9.56	129	80438	19.669	ug/l	97
61) 1,2-Dibromoethane	9.65	107	71968	19.763	ug/l	98
64) Tetrachloroethene	9.32	164	75981	19.497	ug/l	95
65) Chlorobenzene	10.12	112	182314	19.924	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	71556	19.642	ug/l	99
67) Ethyl Benzene	10.24	91	313589	20.586	ug/l	98
68) m/p-Xylenes	10.34	106	239703	41.358	ug/l	100
69) o-Xylene	10.68	106	112562	20.325	ug/l	98
70) Styrene	10.69	104	199246	20.959	ug/l	98
71) Bromoform	10.84	173	60025	19.526	ug/l #	100
73) Isopropylbenzene	11.00	105	309428	20.167	ug/l	99
74) N-amyl acetate	10.88	43	126253	20.563	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	97973	21.030	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	121146	26.786	ug/l	87
77) Bromobenzene	11.24	156	84105	19.246	ug/l	97
78) n-propylbenzene	11.34	91	351859	20.419	ug/l	99
79) 2-Chlorotoluene	11.40	91	210969	19.867	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	264387	20.299	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	33480	18.778	ug/l	97
82) 4-Chlorotoluene	11.49	91	254215	20.200	ug/l	99
83) tert-Butylbenzene	11.76	119	251958	20.012	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	269603	20.489	ug/l	100
85) sec-Butylbenzene	11.93	105	294773	19.998	ug/l	99
86) p-Isopropyltoluene	12.05	119	285364	20.460	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	155737	19.921	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	154592	19.573	ug/l	97
89) n-Butylbenzene	12.37	91	233883	19.663	ug/l	100
90) Hexachloroethane	12.58	117	52964	20.003	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	147071	20.019	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	22985	18.698	ug/l	97

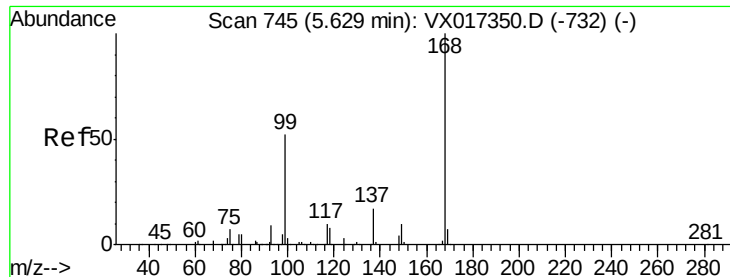
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071320\
Data File : VX017362.D
Acq On : 13 Jul 2020 18:44
Operator : JC/SP
Sample : VX0713WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0713WBSD01

Quant Time: Jul 14 03:04:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 14 02:59:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	97547	19.128	ug/l	100
94) Hexachlorobutadiene	13.76	225	42601	20.484	ug/l	98
95) Naphthalene	13.82	128	305657	20.385	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	97503	19.793	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: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

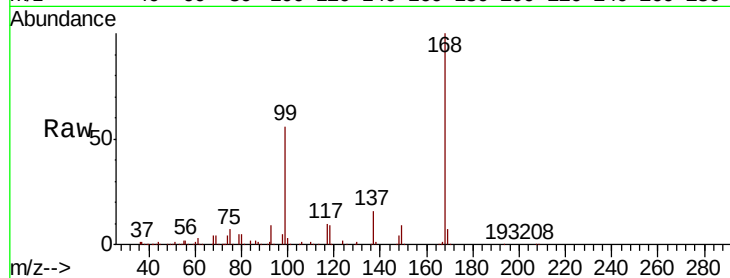
VX0713WBSD01

Tot Ion:168 Resp: 304823

Ion Ratio Lower Upper

168 100

99 55.9 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

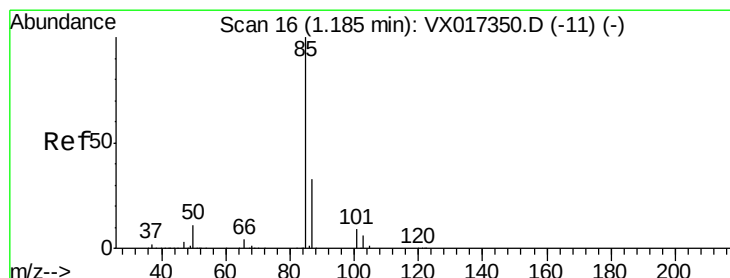
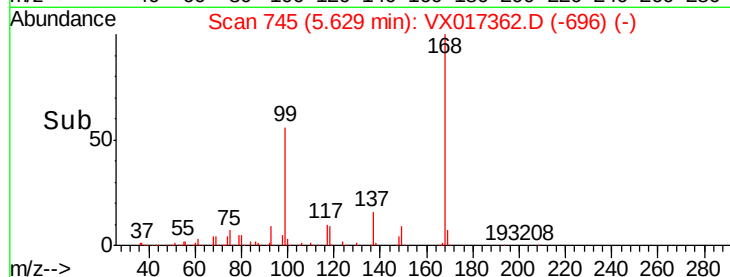
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 22.750 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017362.D

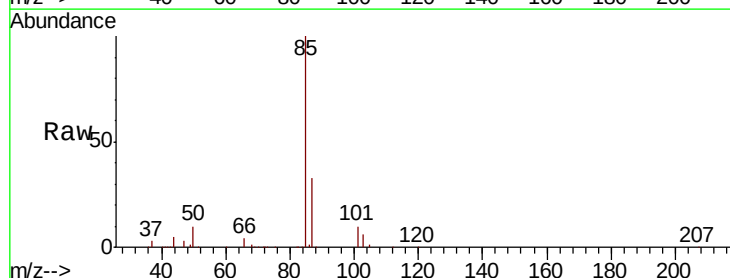
Acq: 13 Jul 2020 18:44

Tgt Ion: 85 Resp: 58680

Ion Ratio Lower Upper

85 100

87 33.3 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

80000

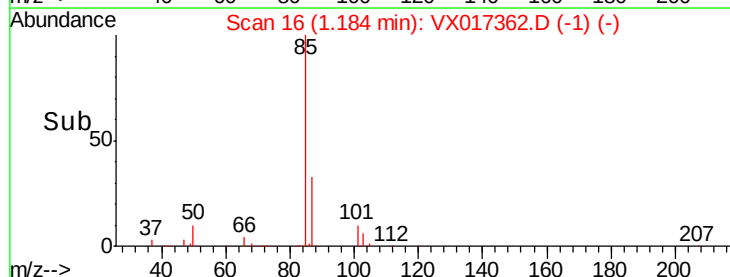
60000

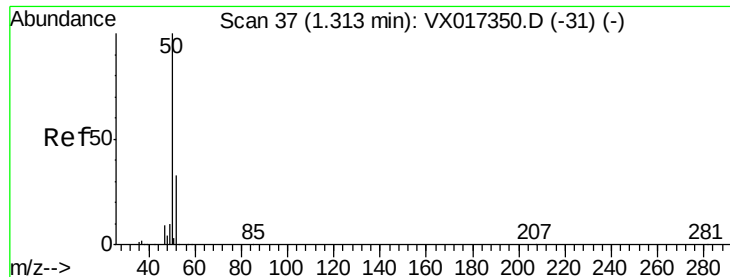
40000

20000

0

Time-->





#3

Chloromethane

Concen: 20.890 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

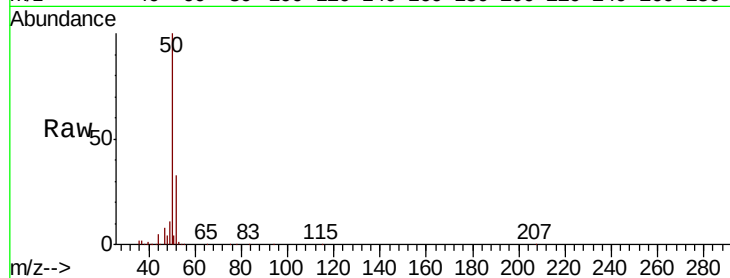
VX0713WBSD01

Tot Ion: 50 Resp: 60662

Ion Ratio Lower Upper

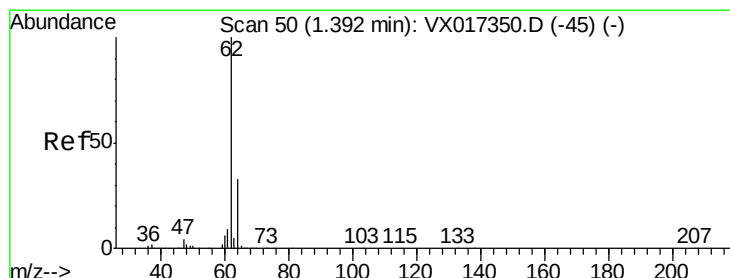
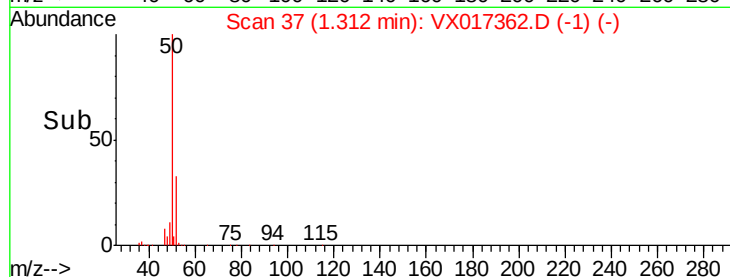
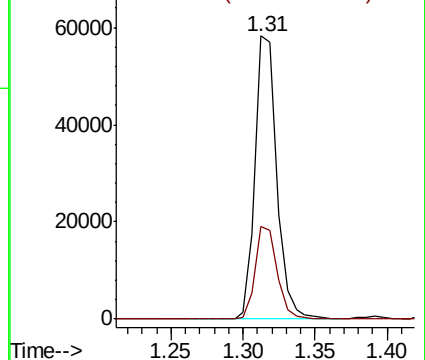
50 100

52 32.6 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.497 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017362.D

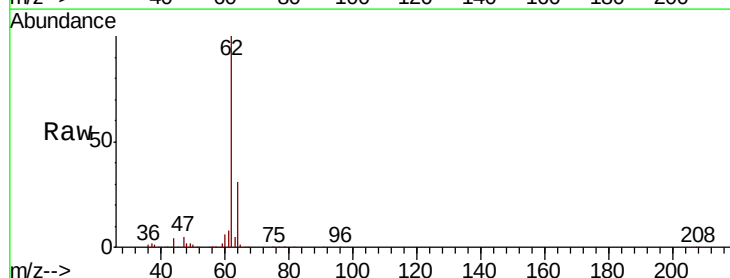
Acq: 13 Jul 2020 18:44

Tgt Ion: 62 Resp: 61754

Ion Ratio Lower Upper

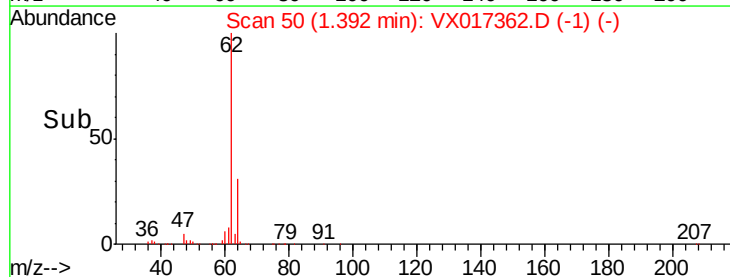
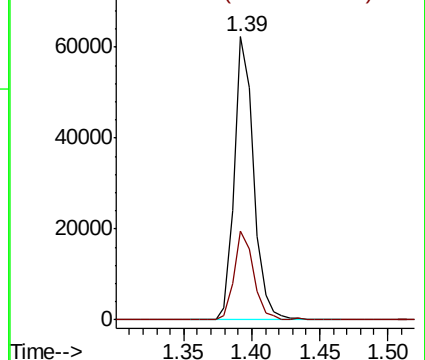
62 100

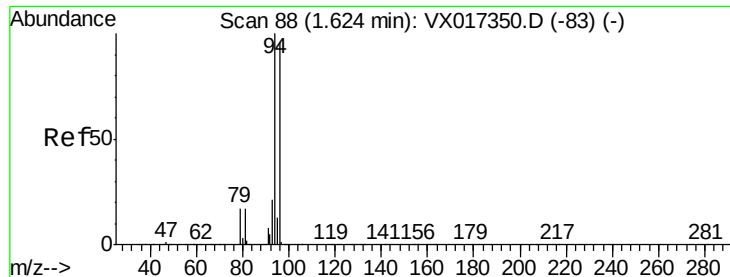
64 31.2 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 22.712 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

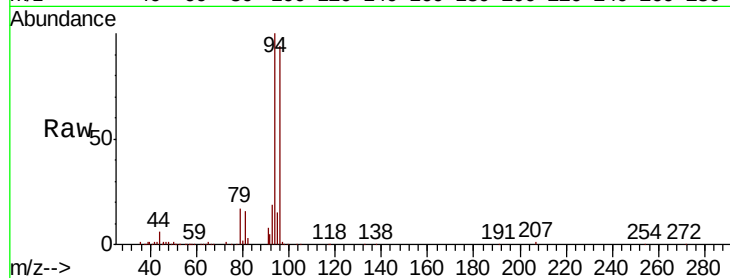
VX0713WBSD01

Tot Ion: 94 Resp: 42473

Ion Ratio Lower Upper

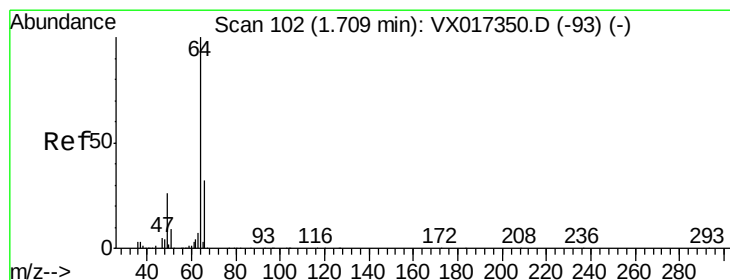
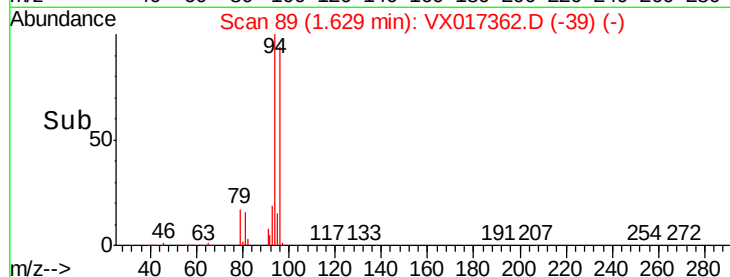
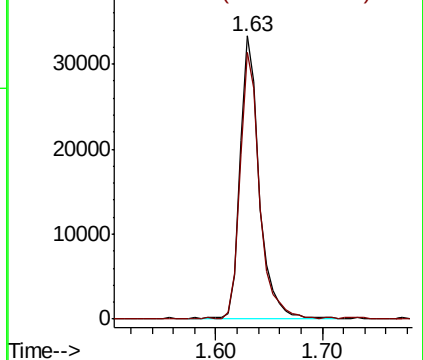
94 100

96 94.2 76.6 115.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.642 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017362.D

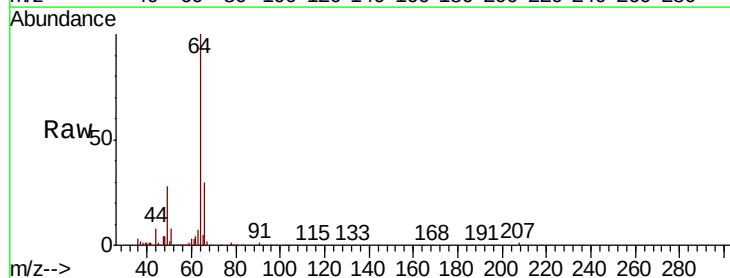
Acq: 13 Jul 2020 18:44

Tgt Ion: 64 Resp: 37430

Ion Ratio Lower Upper

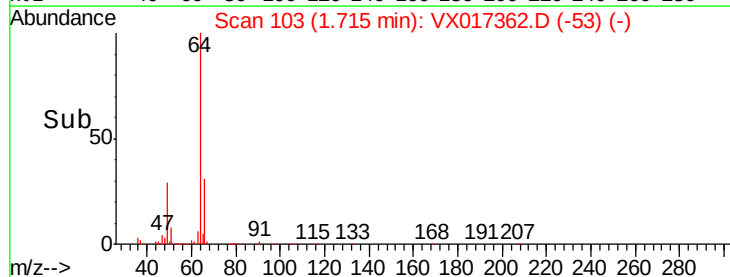
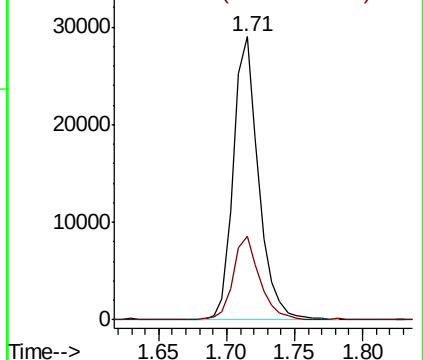
64 100

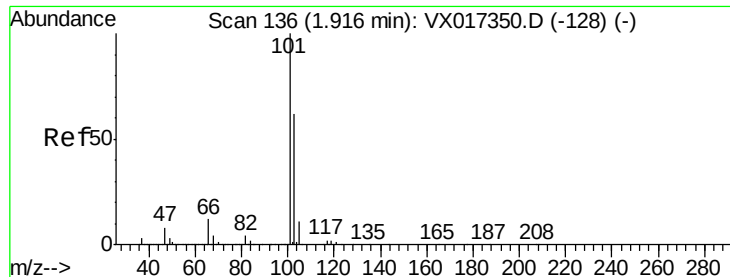
66 29.7 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



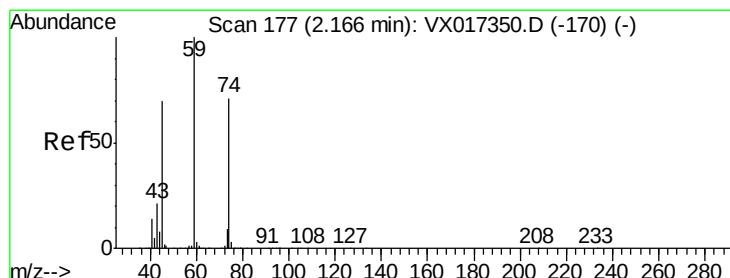
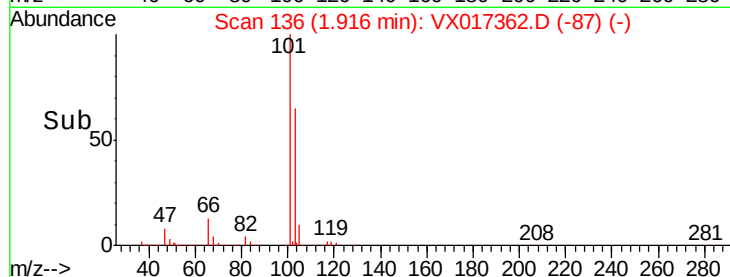
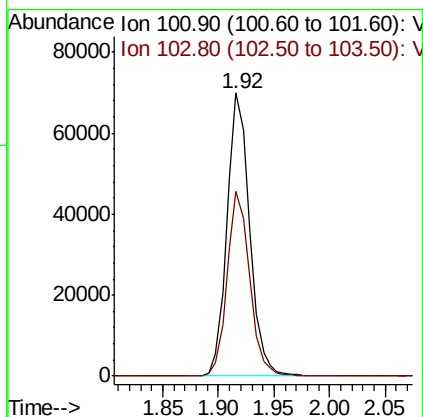
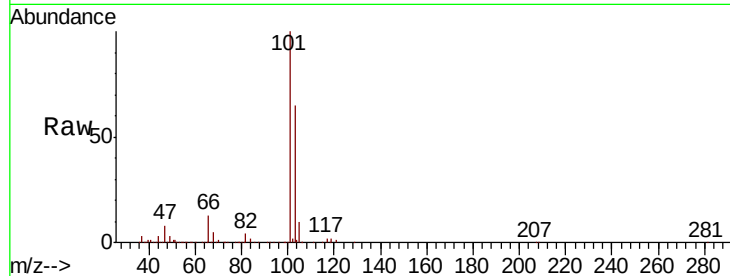


#7

Trichlorofluoromethane
Concen: 20.350 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
VX0713WBSD01

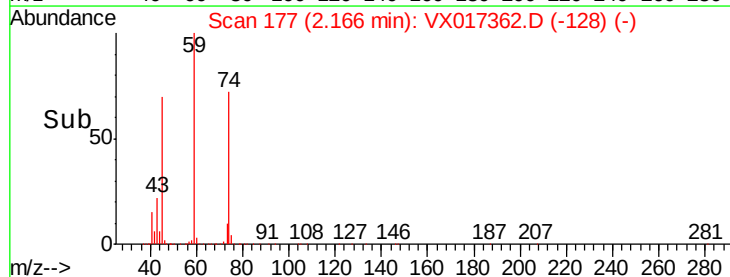
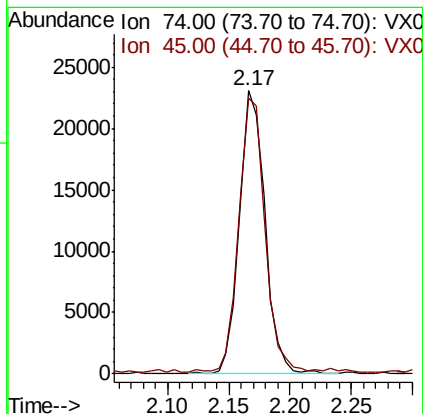
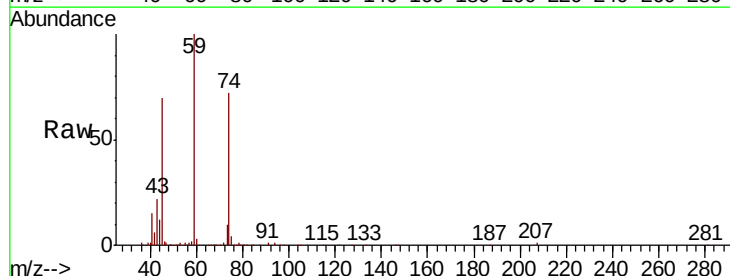
Tot Ion:101 Resp: 98669
Ion Ratio Lower Upper
101 100
103 65.1 49.6 74.4

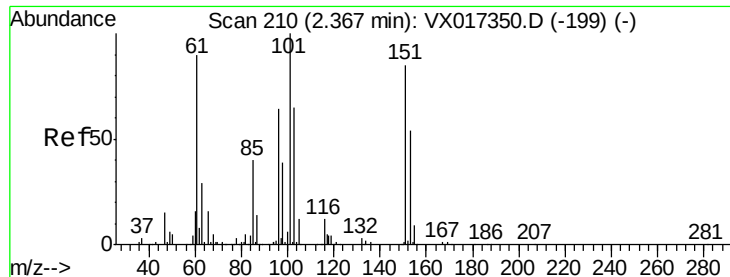


#8

Diethyl Ether
Concen: 19.553 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Tgt Ion: 74 Resp: 33511
Ion Ratio Lower Upper
74 100
45 99.0 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.113 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBSD01

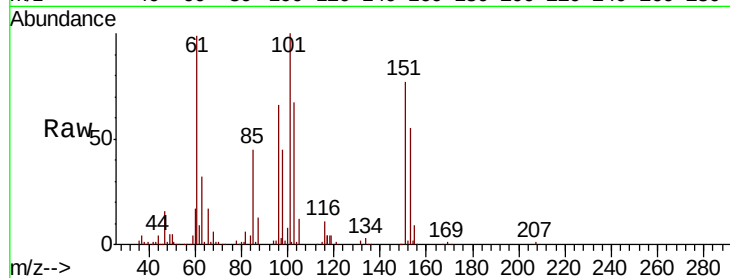
Tot Ion:101 Resp: 55552

Ion Ratio Lower Upper

101 100

85 44.3 33.7 50.5

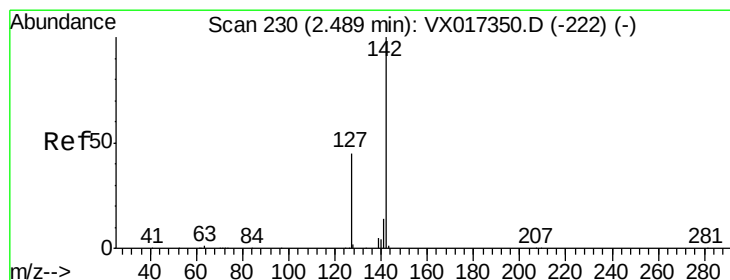
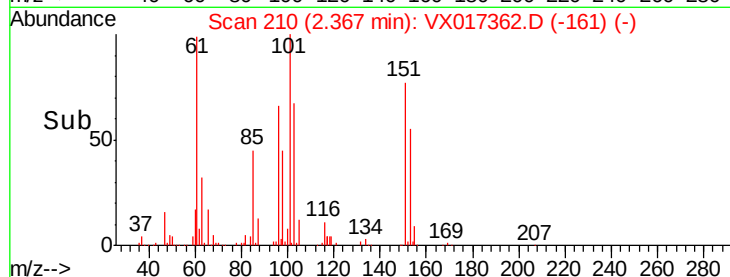
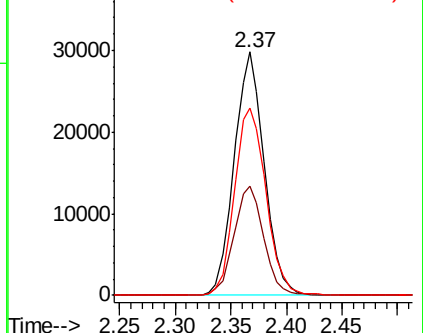
151 80.8 66.4 99.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.677 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

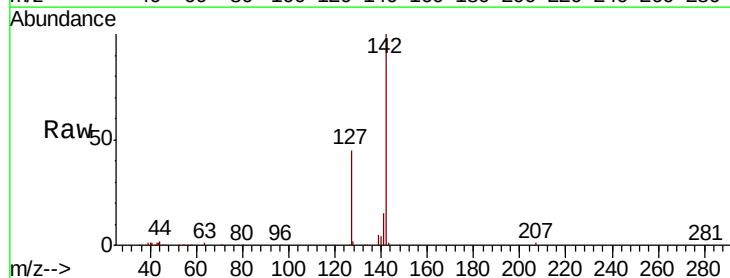
Tgt Ion:142 Resp: 62652

Ion Ratio Lower Upper

142 100

127 44.5 36.8 55.2

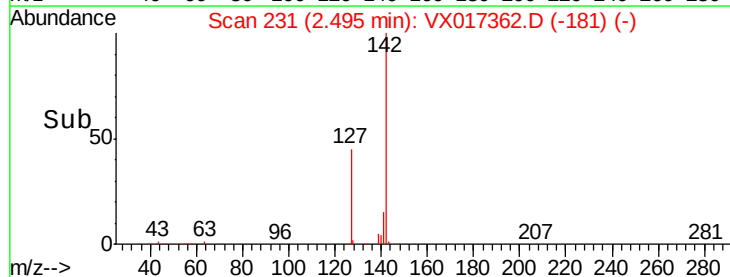
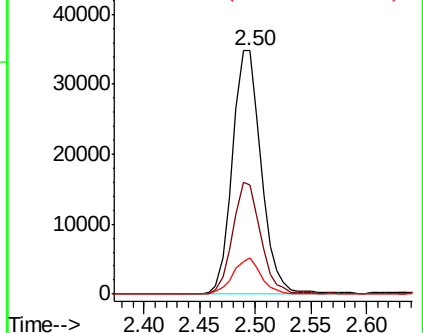
141 14.6 11.4 17.0

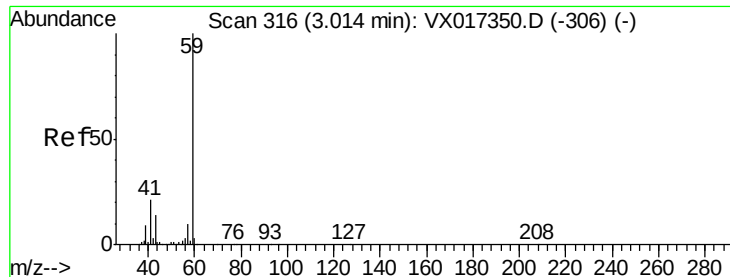


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



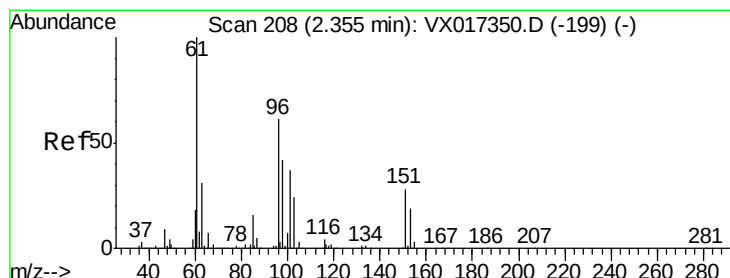
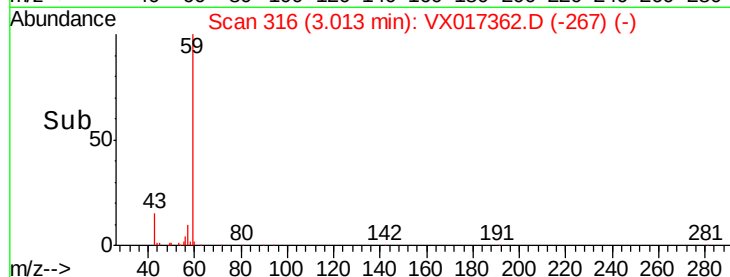
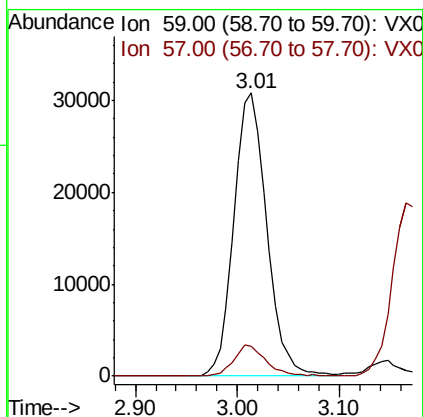
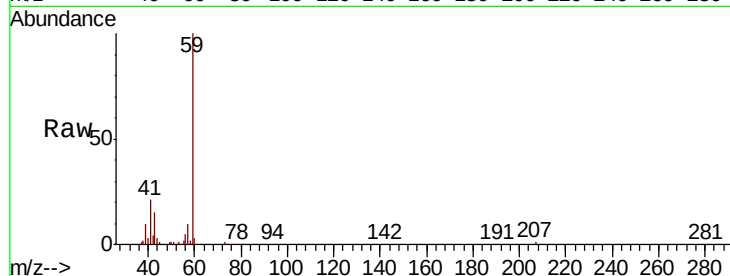


#11

Tert butyl alcohol
 Concen: 106.875 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX017362.D
 Acq: 13 Jul 2020 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBSD01

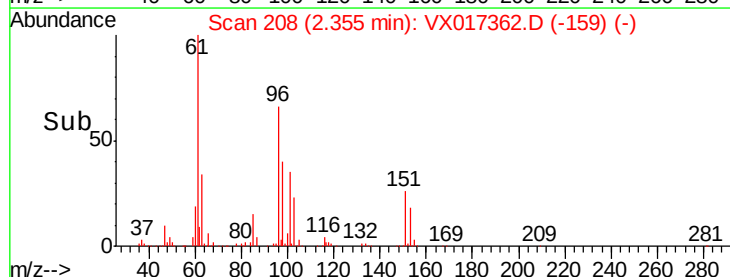
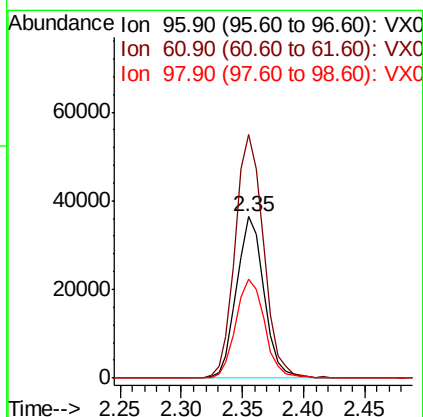
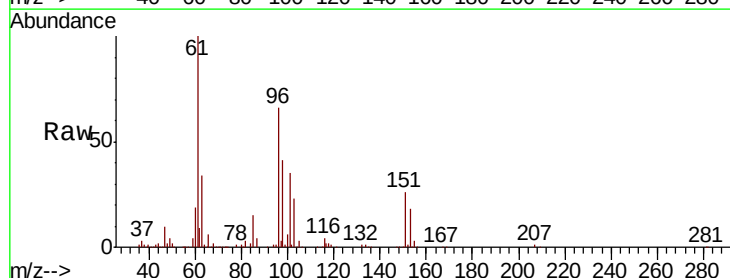
Tot Ion: 59 Resp: 68889
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.3 12.5

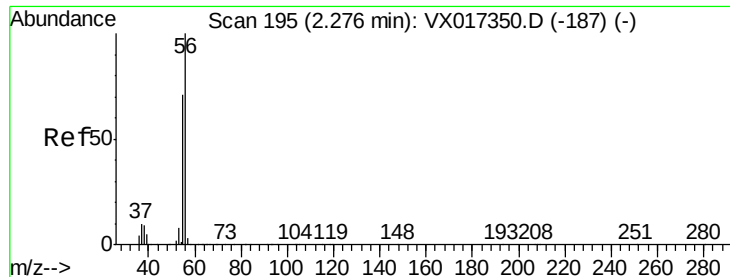


#12

1,1-Dichloroethene
 Concen: 20.215 ug/l
 RT: 2.35 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX017362.D
 Acq: 13 Jul 2020 18:44

Tgt Ion: 96 Resp: 56075
 Ion Ratio Lower Upper
 96 100
 61 151.2 131.5 197.3
 98 61.4 55.1 82.7





#13

Acrolein

Concen: 84.148 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

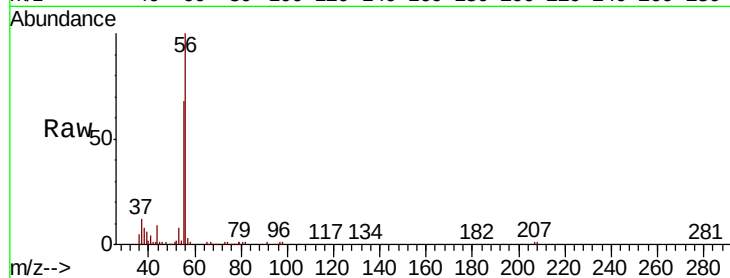
VX0713WBSD01

Tot Ion: 56 Resp: 29733

Ion Ratio Lower Upper

56 100

55 72.2 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

20000

15000

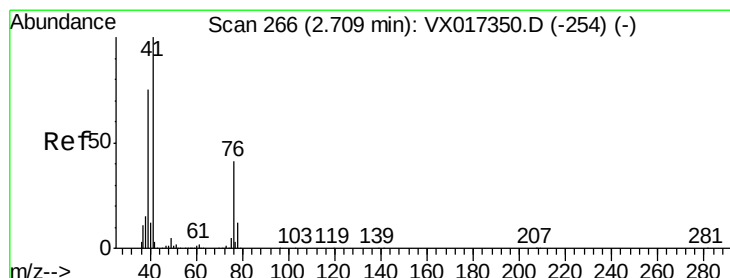
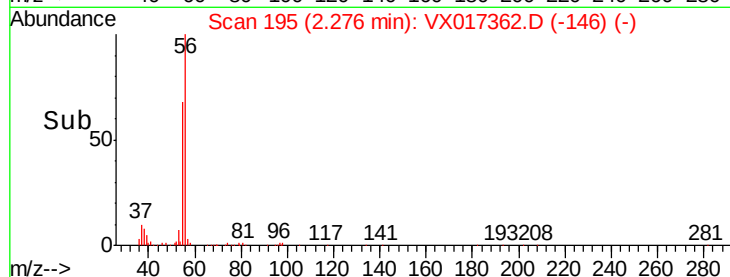
10000

5000

0

2.20 2.25 2.30 2.35 2.40

Time-->



#14

Allyl chloride

Concen: 20.329 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

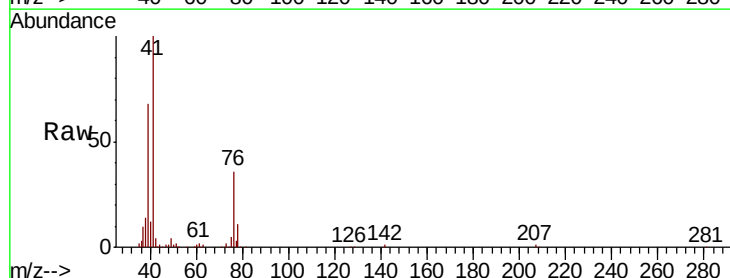
Tgt Ion: 41 Resp: 97712

Ion Ratio Lower Upper

41 100

39 63.8 53.0 79.4

76 34.1 28.2 42.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

60000

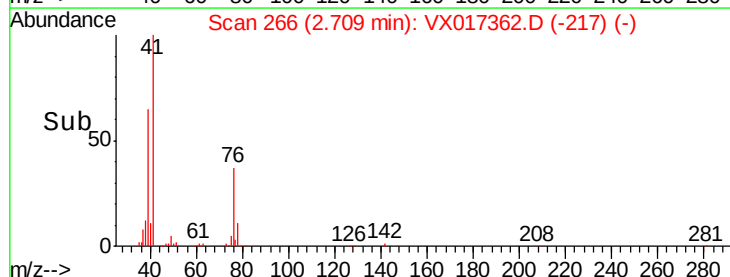
40000

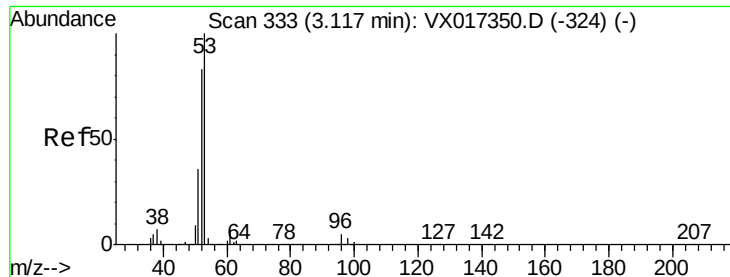
20000

0

2.60 2.70 2.80

Time-->





#15

Acrylonitrile

Concen: 106.355 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBSD01

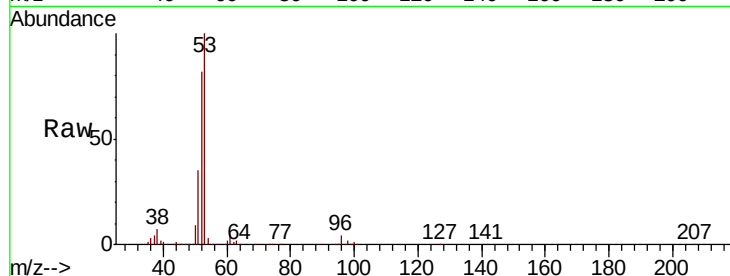
Tot Ion: 53 Resp: 166185

Ion Ratio Lower Upper

53 100

52 82.6 65.8 98.6

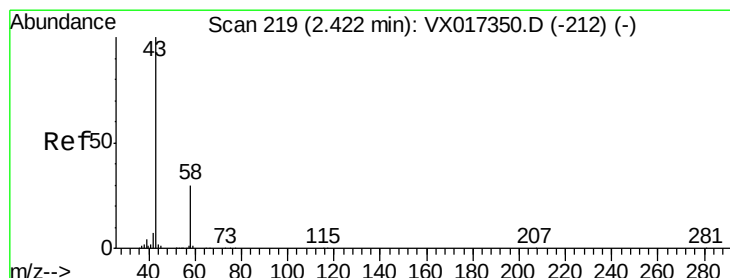
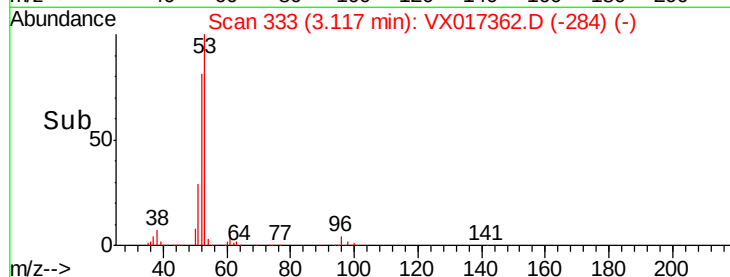
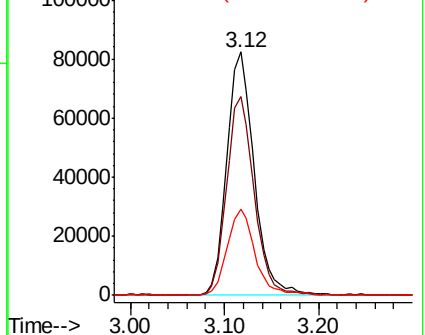
51 35.8 29.2 43.8



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: 100.702 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017362.D

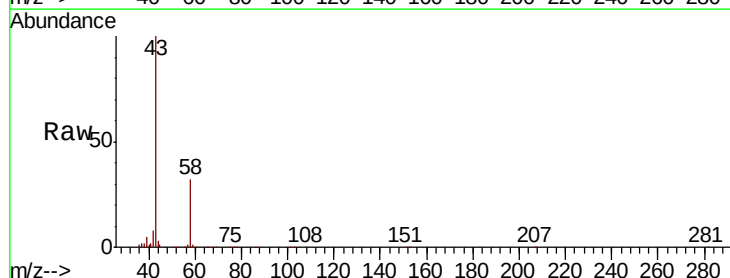
Acq: 13 Jul 2020 18:44

Tgt Ion: 43 Resp: 137446

Ion Ratio Lower Upper

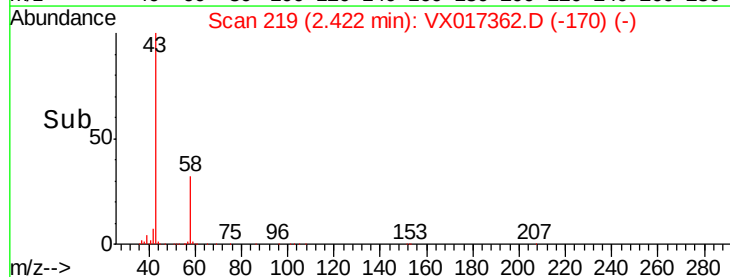
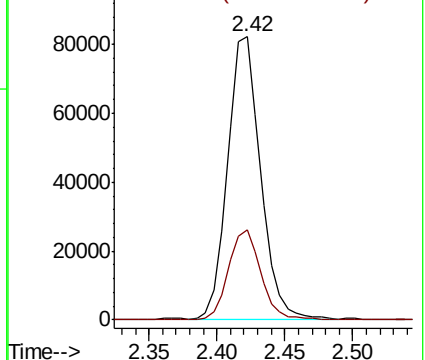
43 100

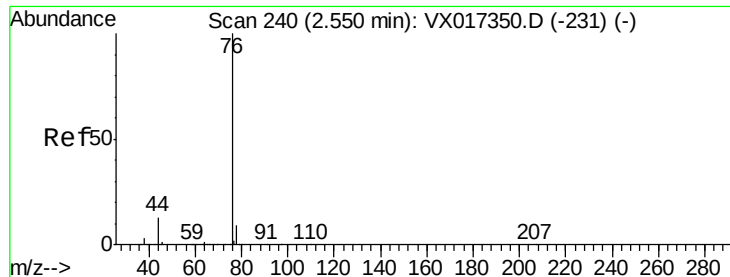
58 32.0 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 20.557 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

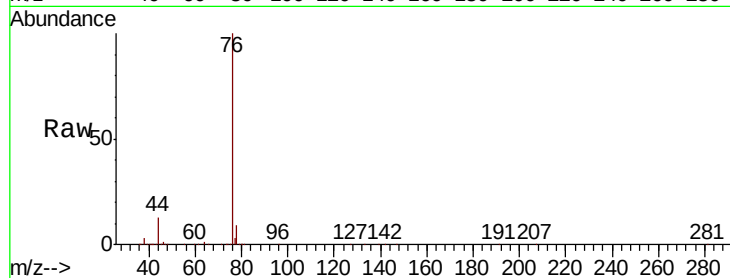
VX0713WBSD01

Tot Ion: 76 Resp: 166353

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

120000

100000

80000

60000

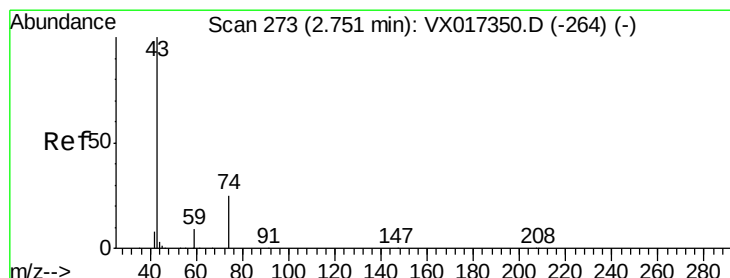
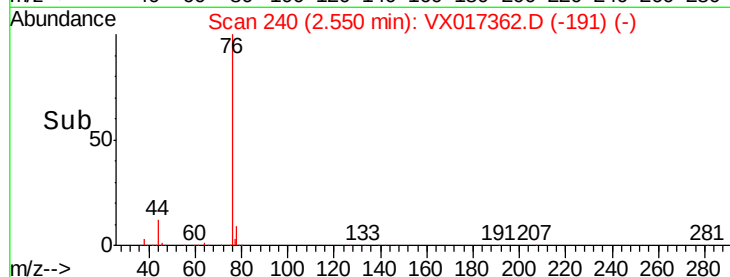
40000

20000

0

Time-->

2.45 2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 21.497 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX017362.D

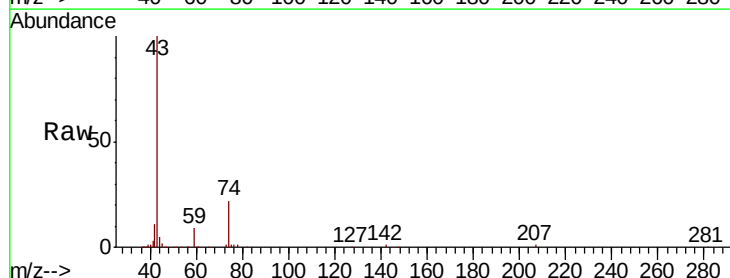
Acq: 13 Jul 2020 18:44

Tgt Ion: 43 Resp: 72470

Ion Ratio Lower Upper

43 100

74 23.2 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

40000

30000

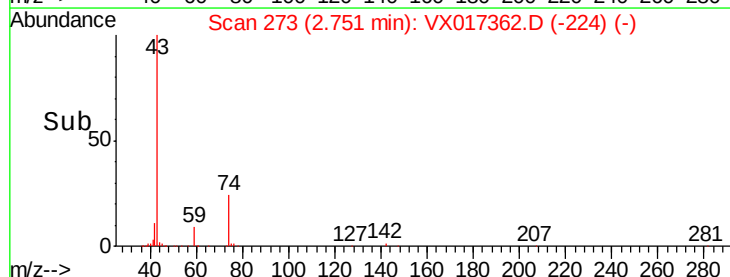
20000

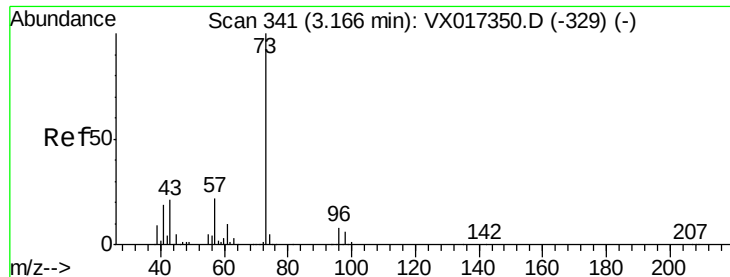
10000

0

Time-->

2.65 2.70 2.75 2.80 2.85



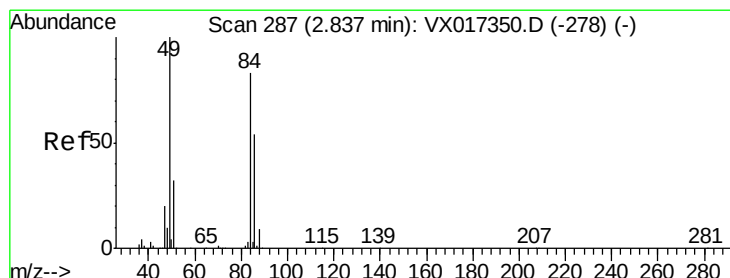
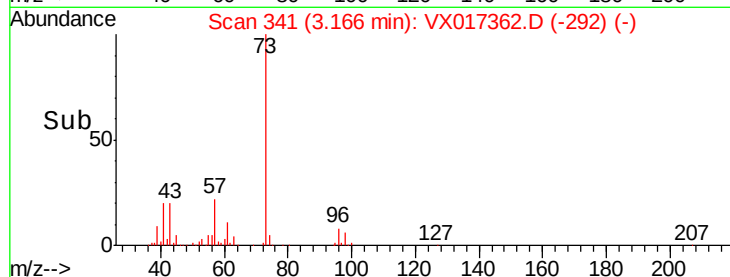
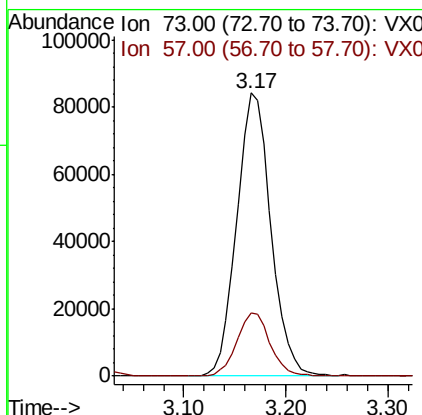
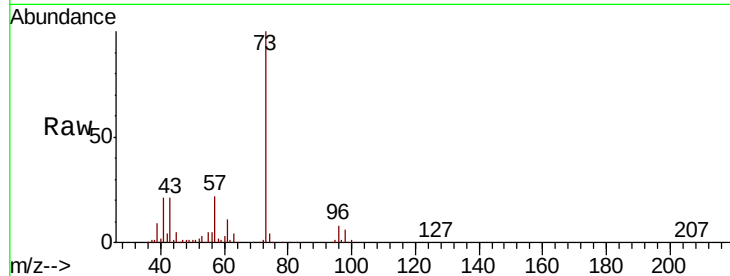


#19

Methyl tert-butyl Ether
 Concen: 20.783 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX017362.D
 Acq: 13 Jul 2020 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBSD01

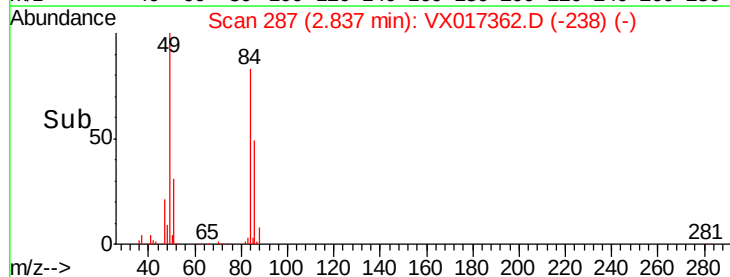
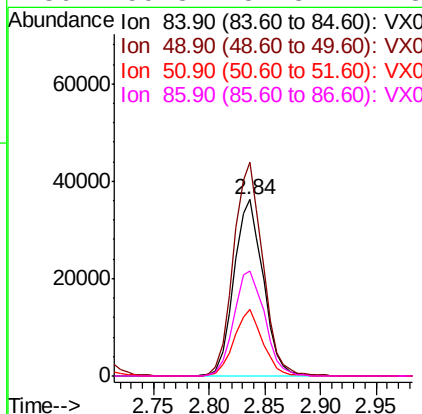
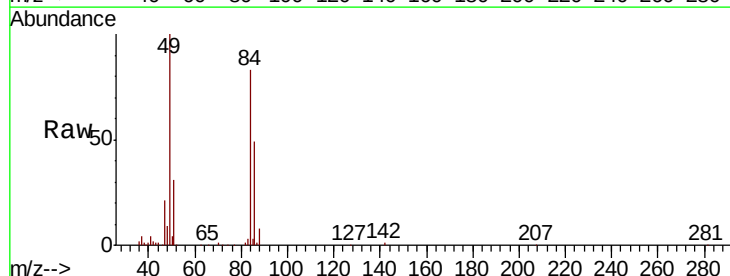
Tot Ion: 73 Resp: 195759
 Ion Ratio Lower Upper
 73 100
 57 22.4 17.5 26.3

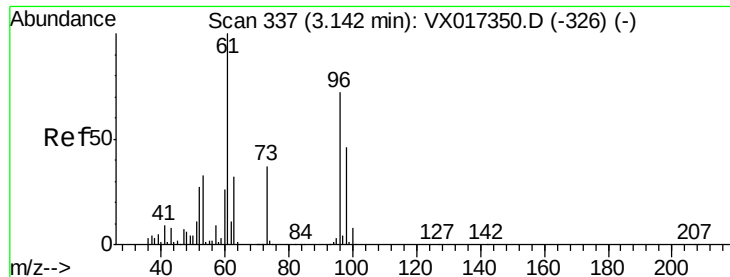


#20

Methylene Chloride
 Concen: 19.792 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX017362.D
 Acq: 13 Jul 2020 18:44

Tgt Ion: 84 Resp: 65910
 Ion Ratio Lower Upper
 84 100
 49 121.0 95.8 143.8
 51 37.5 31.0 46.4
 86 59.8 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 20.346 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBSD01

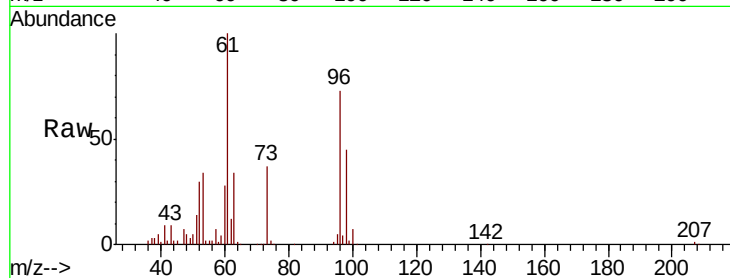
Tot Ion: 96 Resp: 64575

Ion Ratio Lower Upper

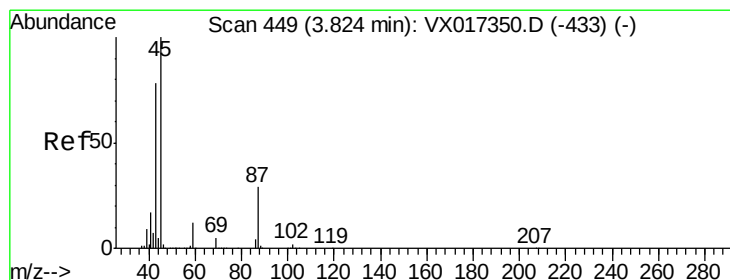
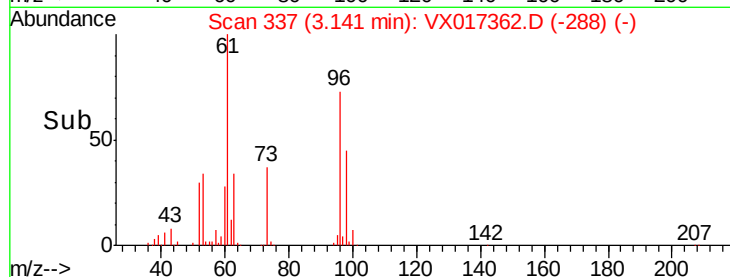
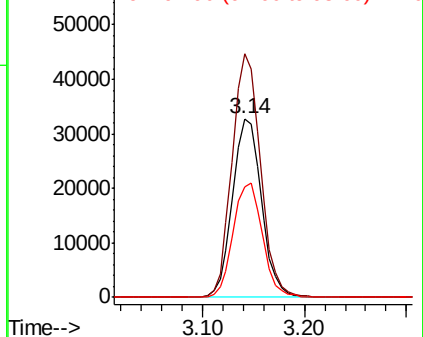
96 100

61 136.0 111.1 166.7

98 61.9 51.4 77.0



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: 21.337 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Tgt Ion: 45 Resp: 195365

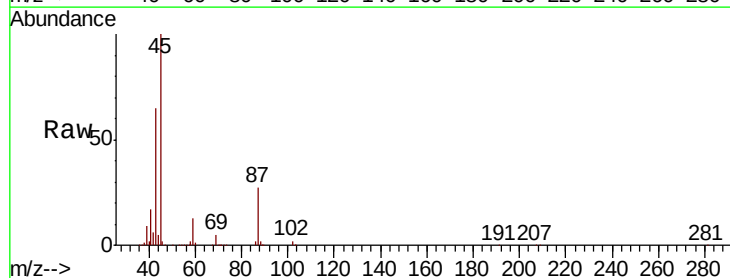
Ion Ratio Lower Upper

45 100

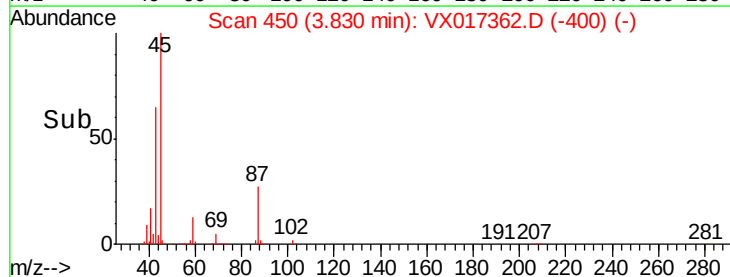
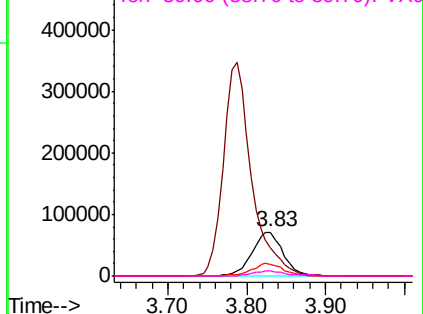
43 65.3 62.2 93.2

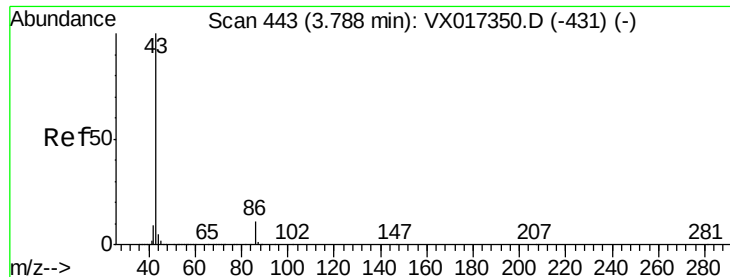
87 27.3 23.0 34.6

59 12.9 9.6 14.4



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

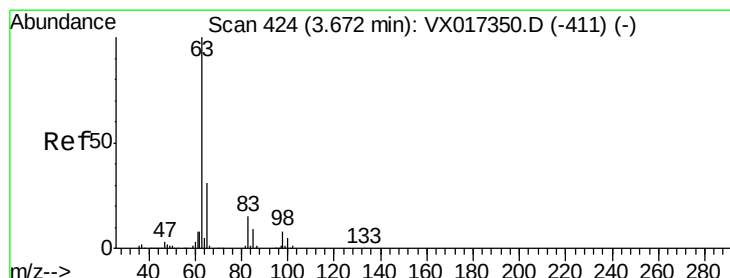
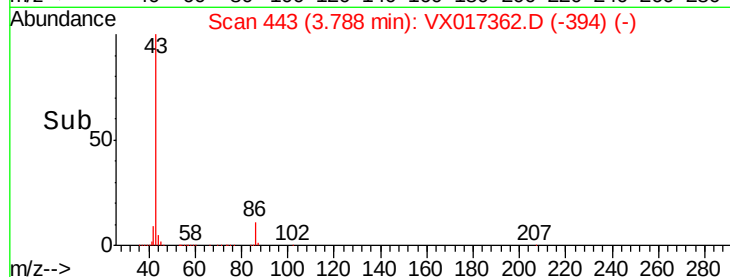
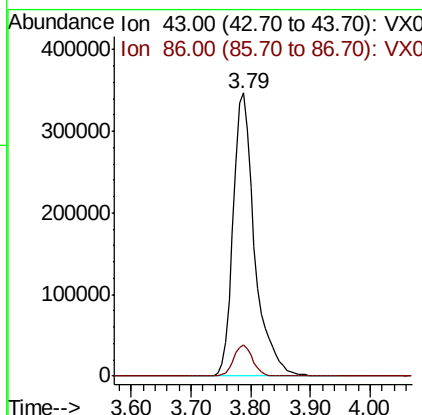
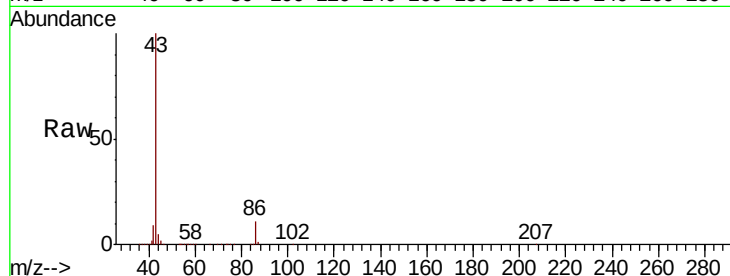




#23
 Vinyl Acetate
 Concen: 107.763 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VX017362.D
 Acq: 13 Jul 2020 18:44

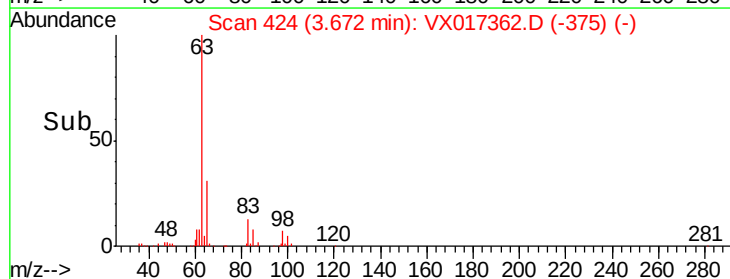
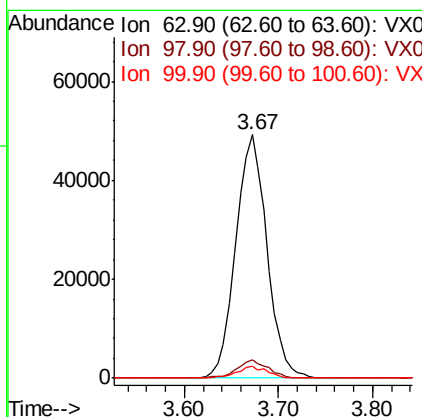
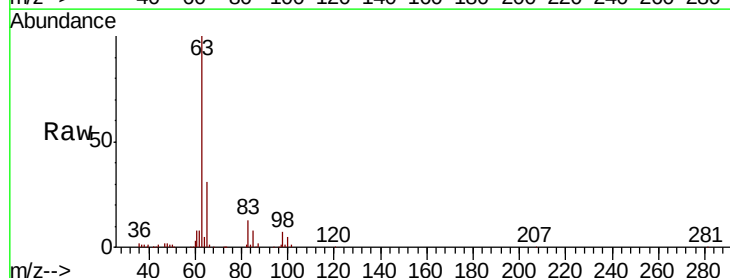
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBSD01

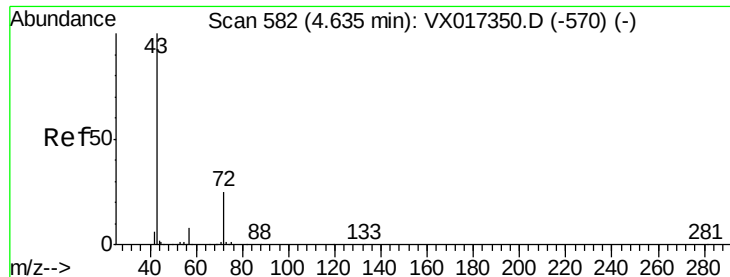
Tot Ion: 43 Resp: 867746
 Ion Ratio Lower Upper
 43 100
 86 11.2 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 21.107 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX017362.D
 Acq: 13 Jul 2020 18:44

Tgt Ion: 63 Resp: 113574
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.5
 100 5.2 2.5 7.5





#25

2-Butanone

Concen: 107.709 ug/l

RT: 4.63 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

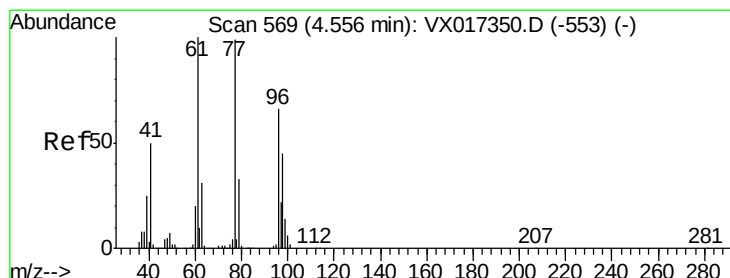
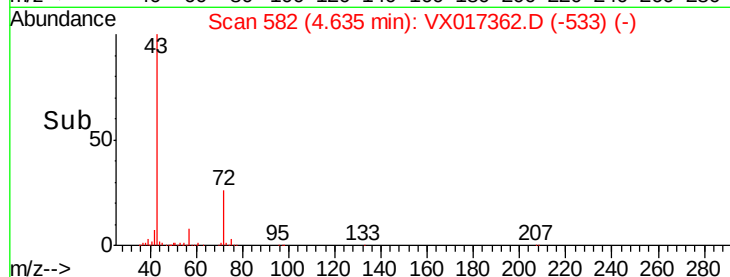
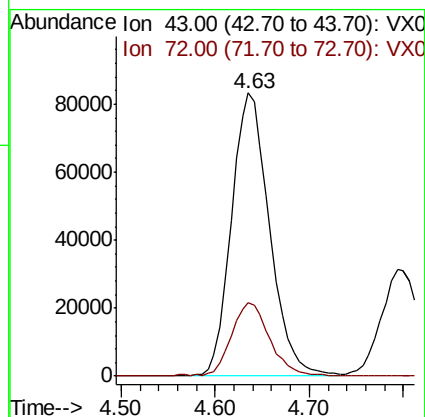
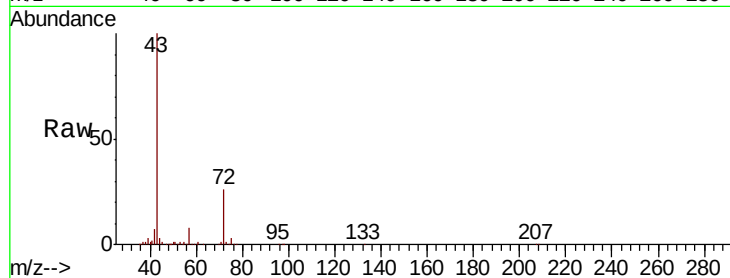
VX0713WBSD01

Tot Ion: 43 Resp: 233495

Ion Ratio Lower Upper

43 100

72 25.8 20.4 30.6



#26

2,2-Dichloropropane

Concen: 18.682 ug/l

RT: 4.56 min Scan# 569

Delta R.T. -0.00 min

Lab File: VX017362.D

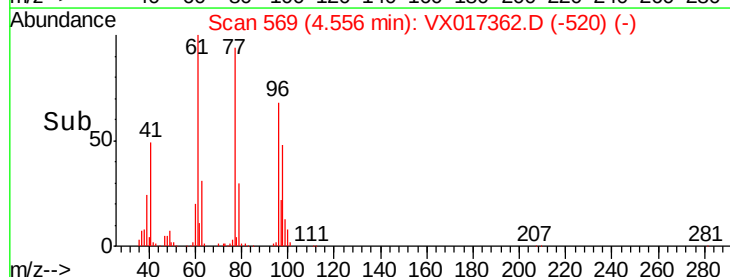
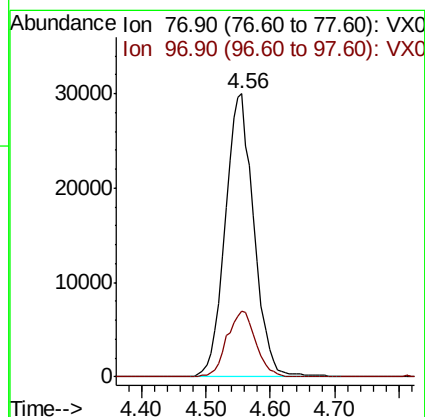
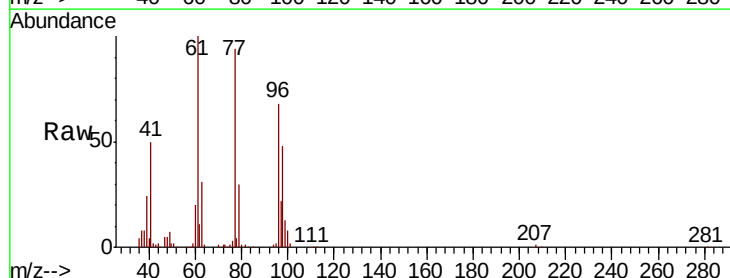
Acq: 13 Jul 2020 18:44

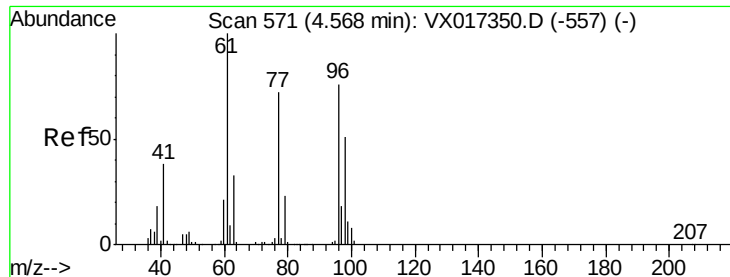
Tgt Ion: 77 Resp: 93557

Ion Ratio Lower Upper

77 100

97 23.5 11.1 33.3



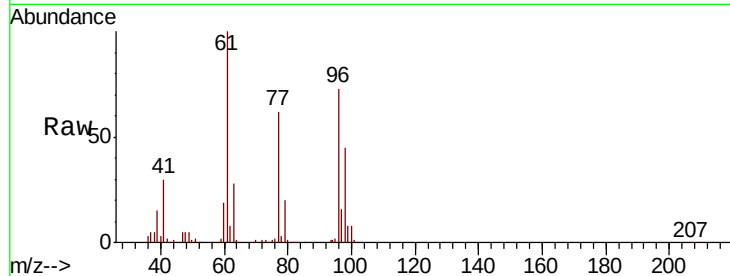


#27

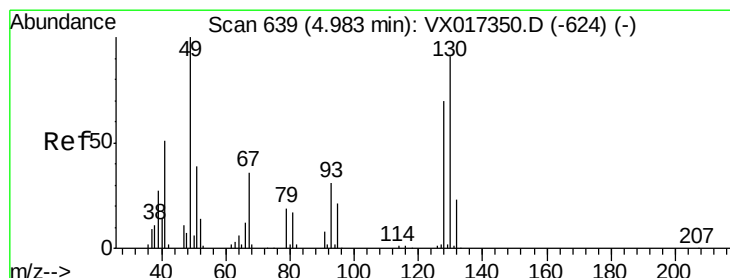
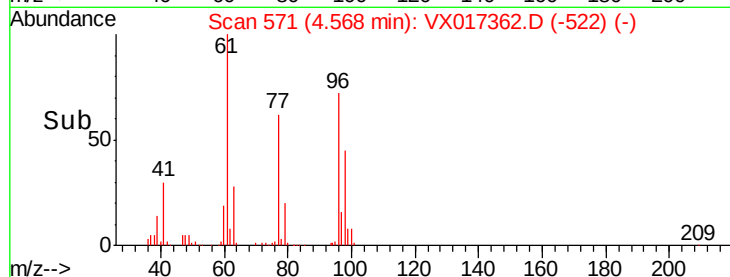
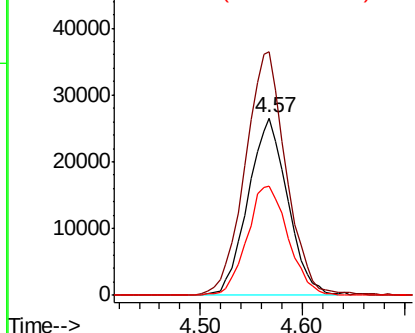
cis-1,2-Dichloroethene
Concen: 20.585 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
VX0713WBSD01

Tot Ion: 96 Resp: 71645
Ion Ratio Lower Upper
96 100
61 142.8 0.0 281.2
98 63.9 0.0 131.4



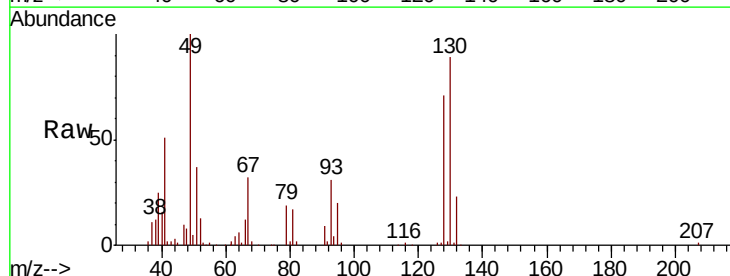
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



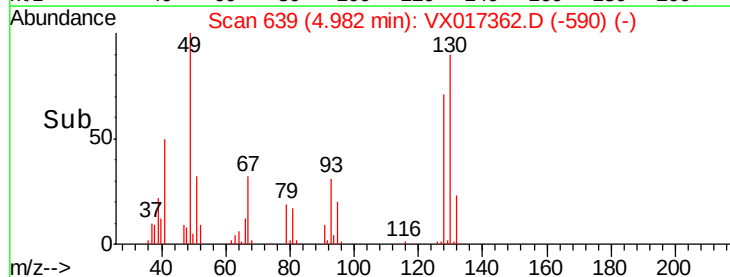
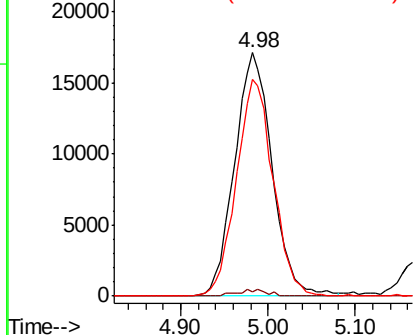
#28

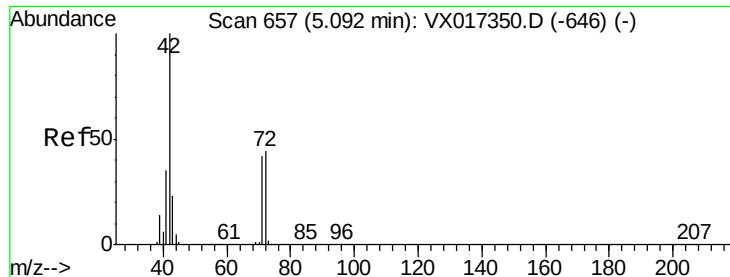
Bromochloromethane
Concen: 20.517 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Tgt Ion: 49 Resp: 50999
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.8
130 87.1 71.1 106.7



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: 108.930 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBSD01

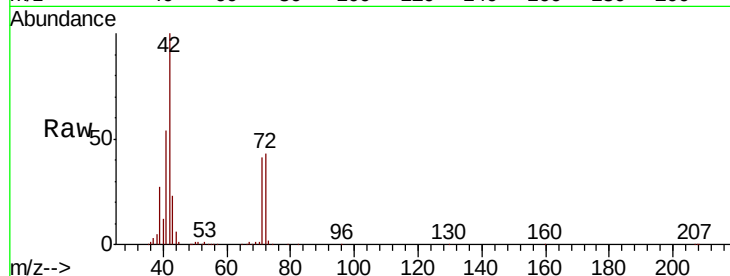
Tot Ion: 42 Resp: 152859

Ion Ratio Lower Upper

42 100

72 45.9 37.2 55.8

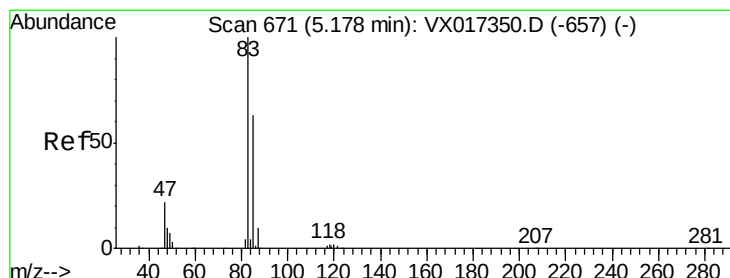
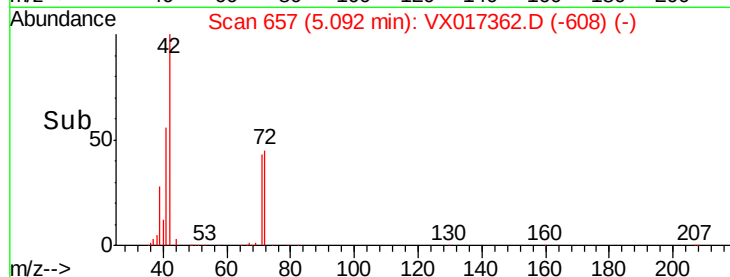
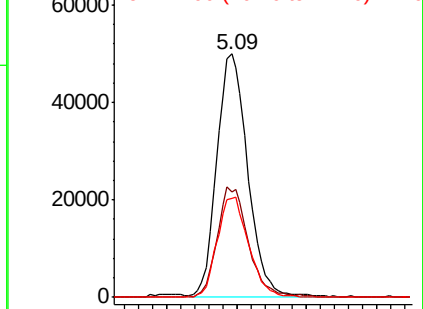
71 42.1 34.4 51.6



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 20.477 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX017362.D

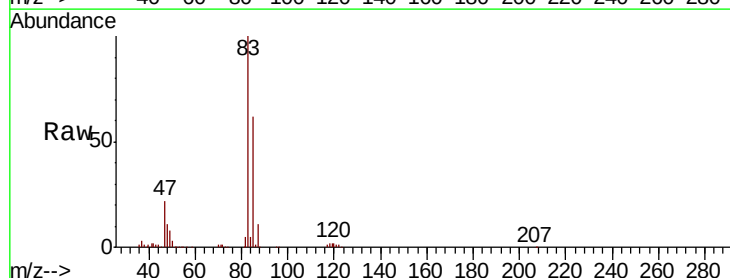
Acq: 13 Jul 2020 18:44

Tgt Ion: 83 Resp: 118546

Ion Ratio Lower Upper

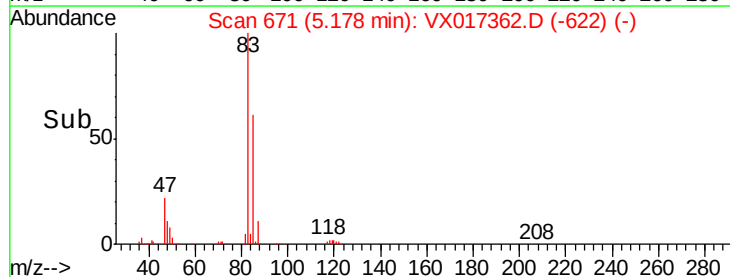
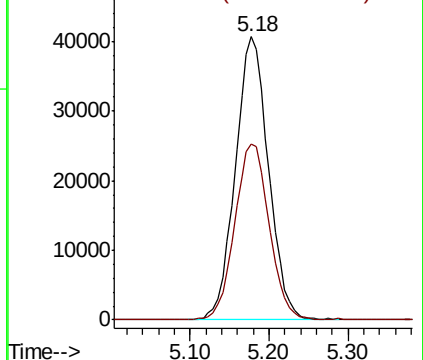
83 100

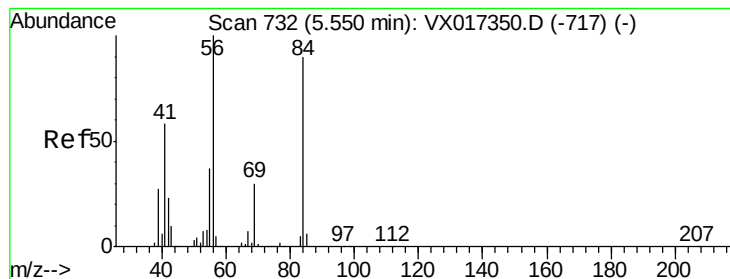
85 62.3 50.2 75.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 21.990 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBSD01

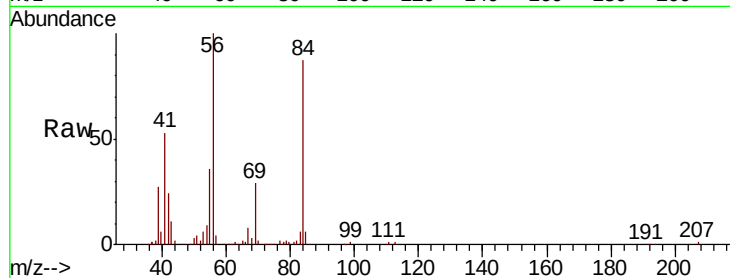
Tot Ion: 56 Resp: 96867

Ion Ratio Lower Upper

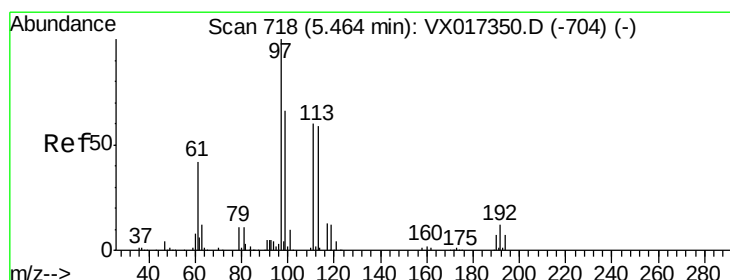
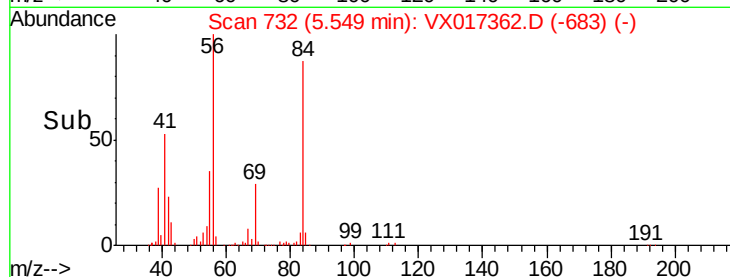
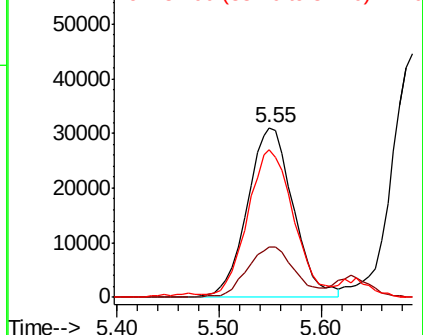
56 100

69 29.5 23.7 35.5

84 84.3 71.8 107.6



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.600 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

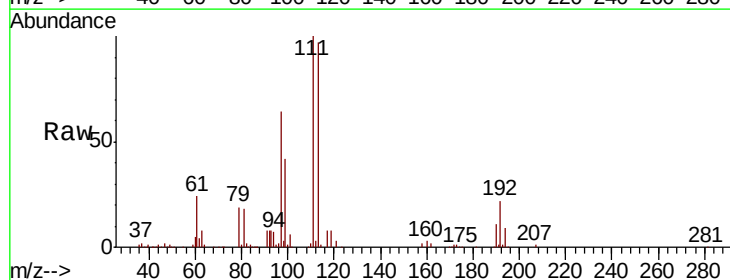
Tgt Ion: 97 Resp: 110250

Ion Ratio Lower Upper

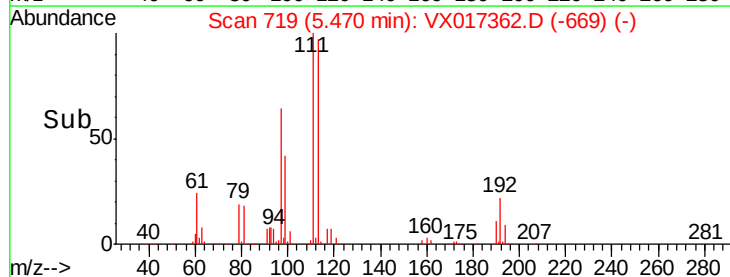
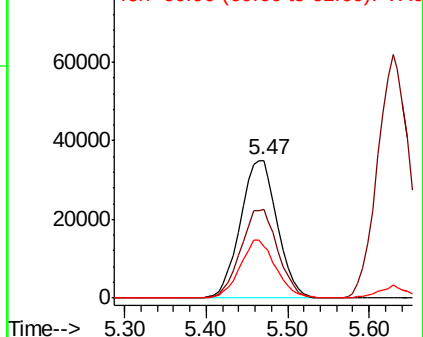
97 100

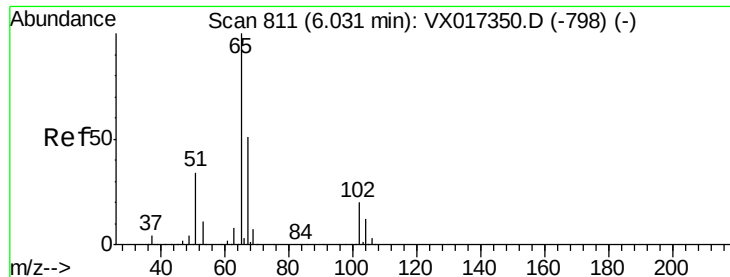
99 64.3 51.2 76.8

61 40.7 32.7 49.1



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

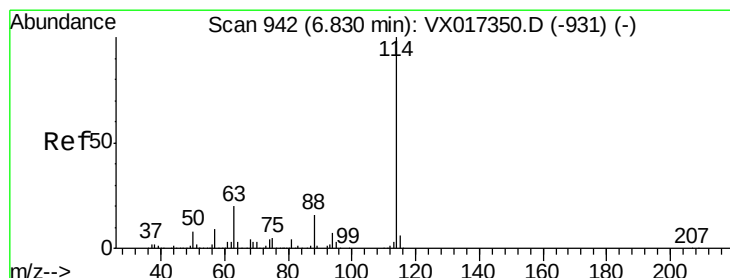
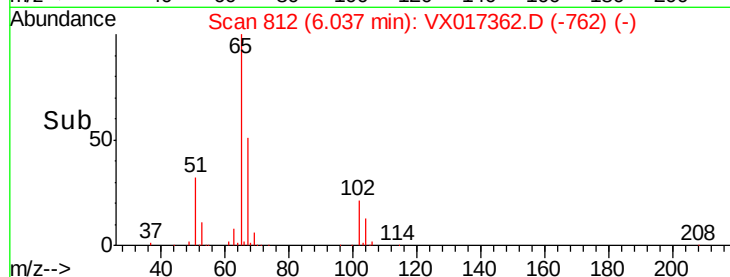
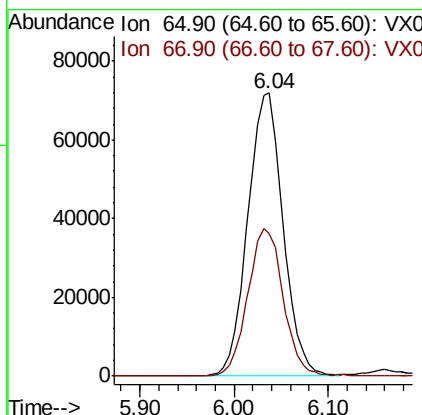
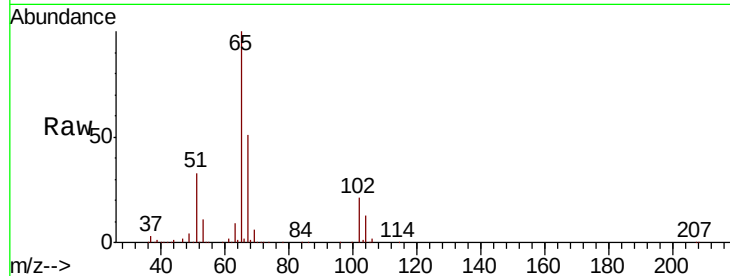




#33
 1,2-Dichloroethane-d4
 Concen: 49.349 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX017362.D
 Acq: 13 Jul 2020 18:44

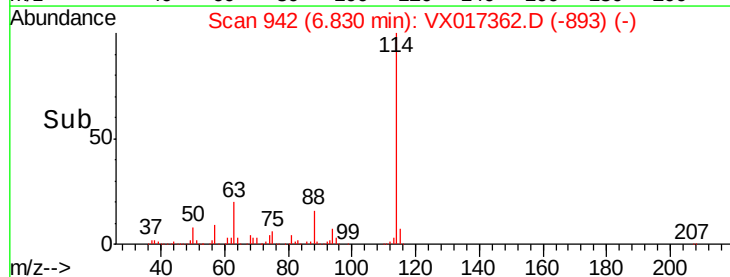
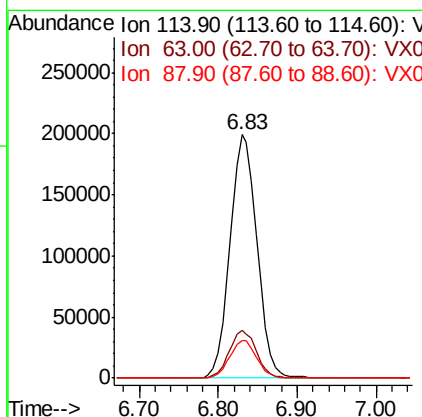
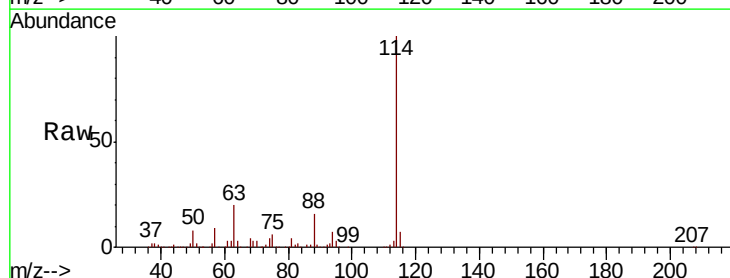
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBSD01

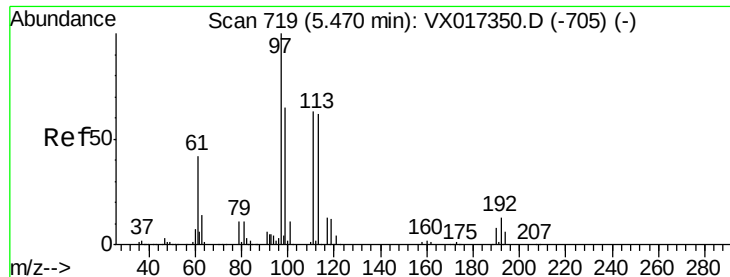
Tot Ion: 65 Resp: 188798
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017362.D
 Acq: 13 Jul 2020 18:44

Tgt Ion: 114 Resp: 473231
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.6 0.0 32.8

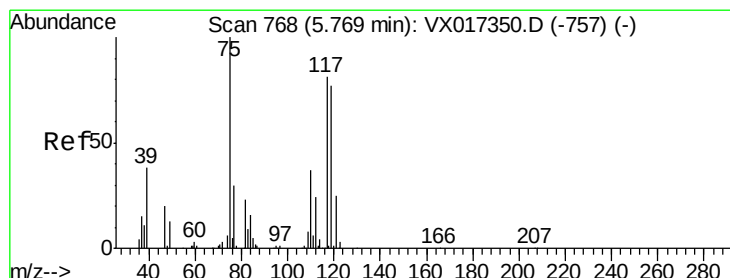
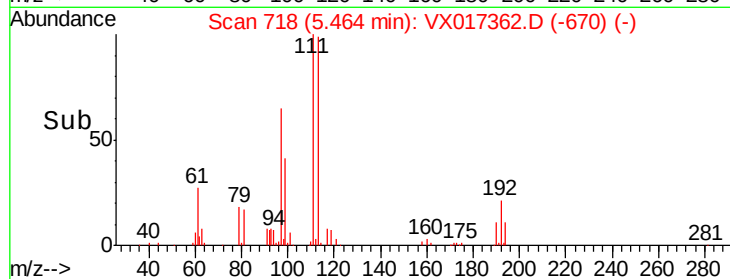
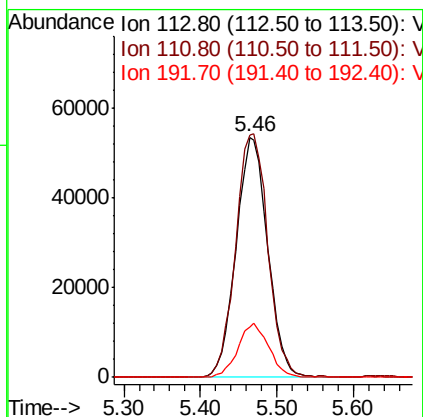
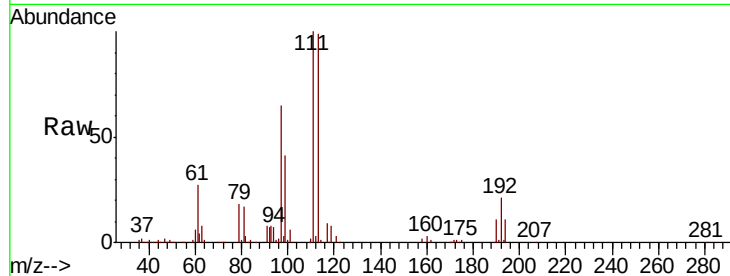




#35
 Dibromofluoromethane
 Concen: 48.222 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX017362.D
 Acq: 13 Jul 2020 18:44

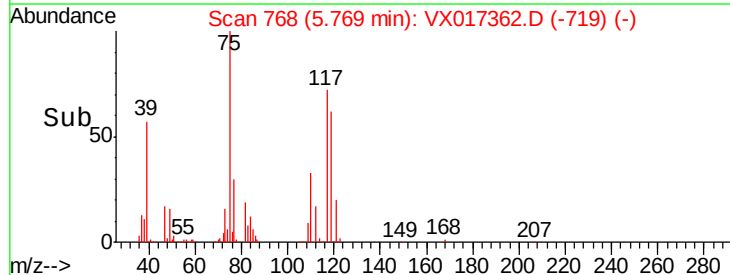
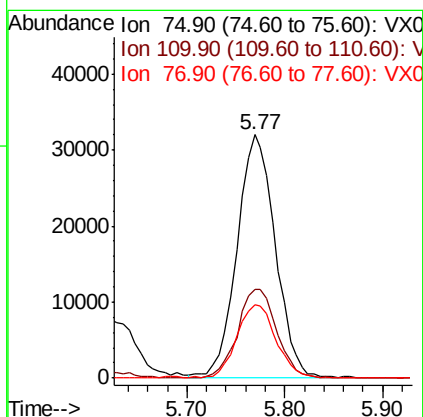
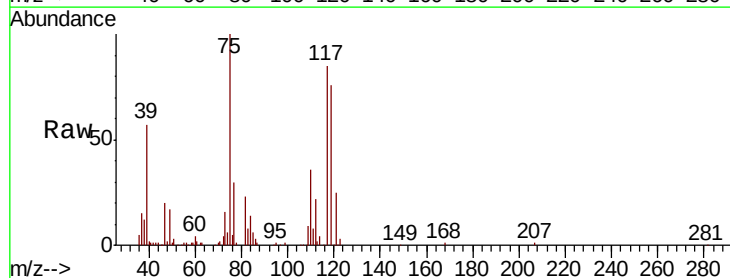
Instrument :
 MSVOA_X
 ClientSampled :
 VX0713WBSD01

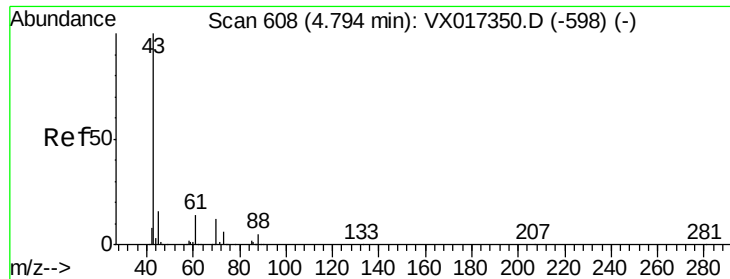
Tot Ion:113 Resp: 153721
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.4 123.6
 192 21.9 17.2 25.8



#36
 1,1-Dichloropropene
 Concen: 19.793 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017362.D
 Acq: 13 Jul 2020 18:44

Tgt Ion: 75 Resp: 86154
 Ion Ratio Lower Upper
 75 100
 110 37.6 18.6 55.8
 77 31.3 24.9 37.3

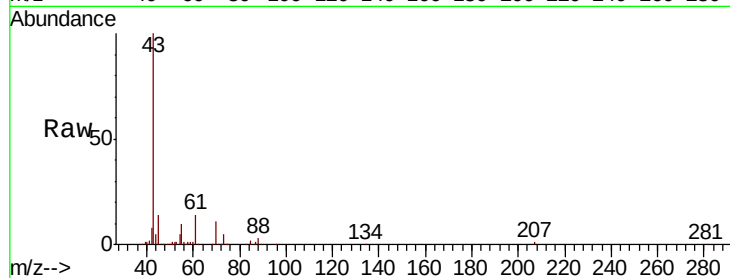




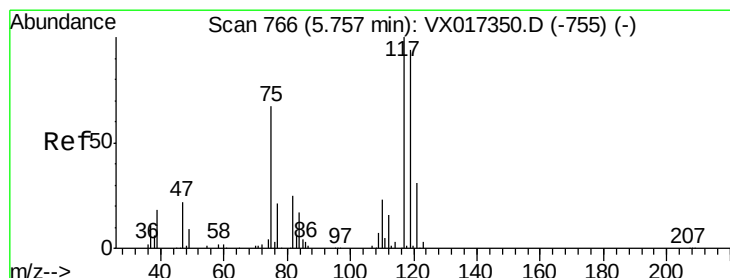
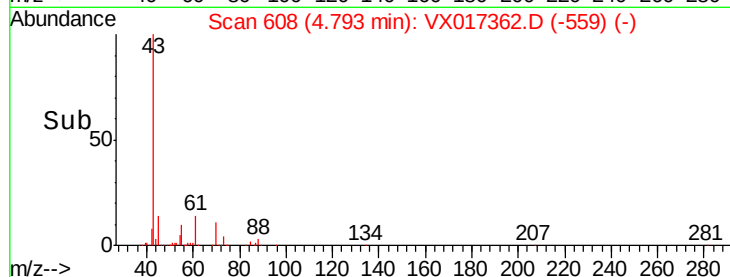
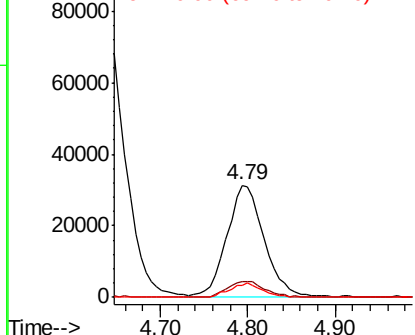
#37
Ethyl Acetate
Concen: 20.253 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
VX0713WBSD01

Tot Ion: 43 Resp: 91172
Ion Ratio Lower Upper
43 100
61 14.6 10.7 16.1
70 11.7 9.0 13.6

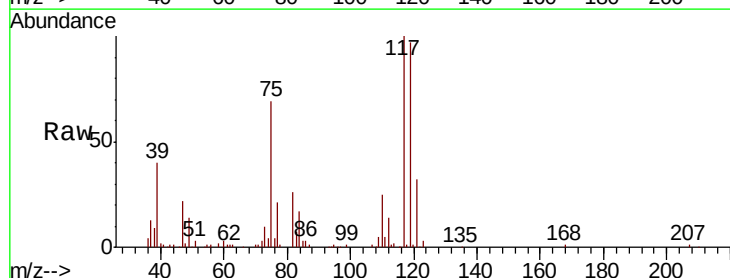


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

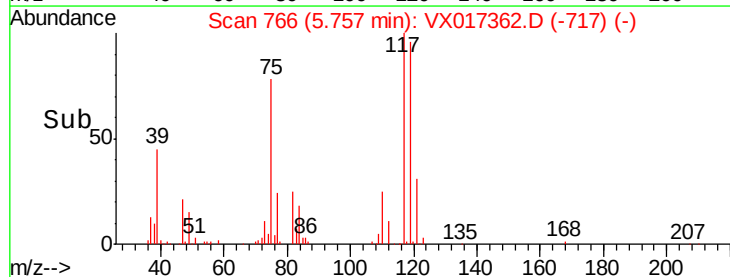
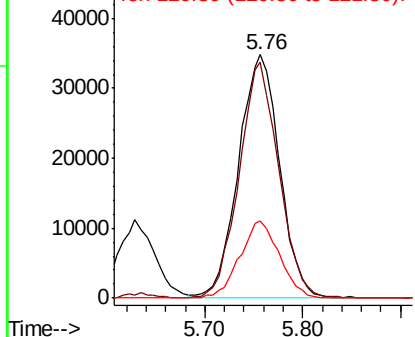


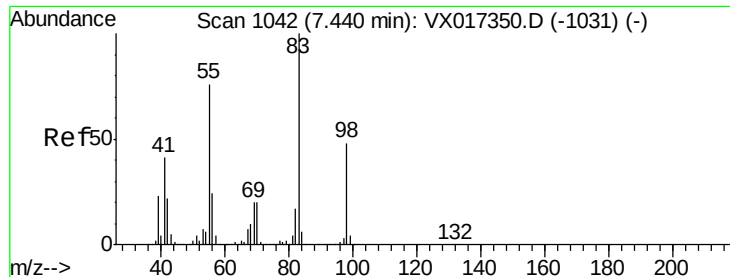
#38
Carbon Tetrachloride
Concen: 19.851 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Tgt Ion: 117 Resp: 101169
Ion Ratio Lower Upper
117 100
119 97.1 74.7 112.1
121 31.7 24.5 36.7



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

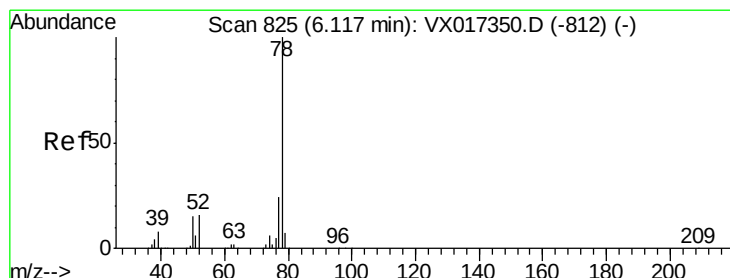
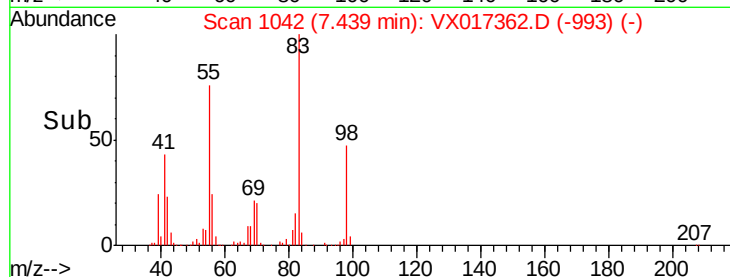
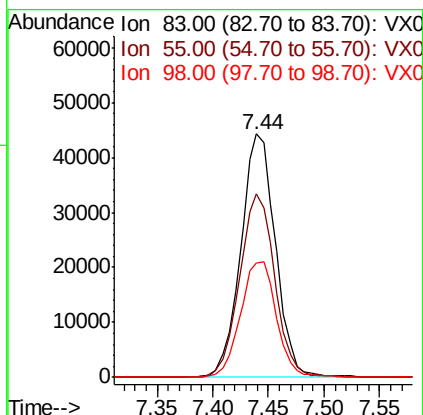
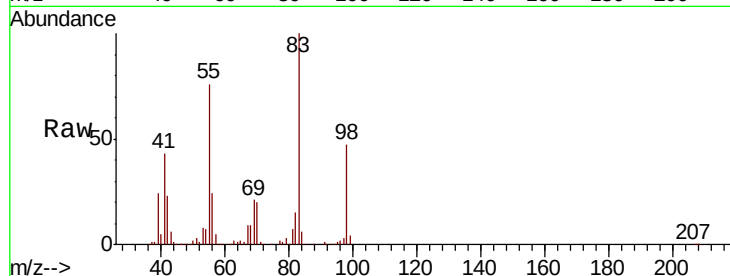




#39
Methylvlcyclohexane
Concen: 20.220 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

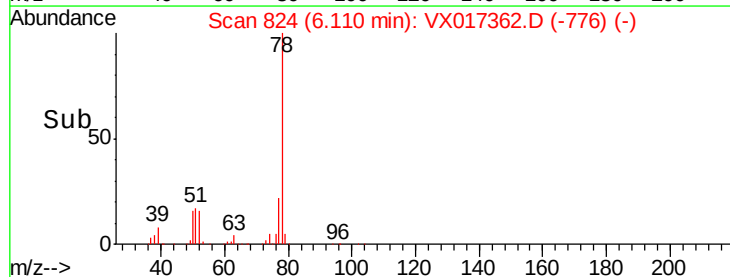
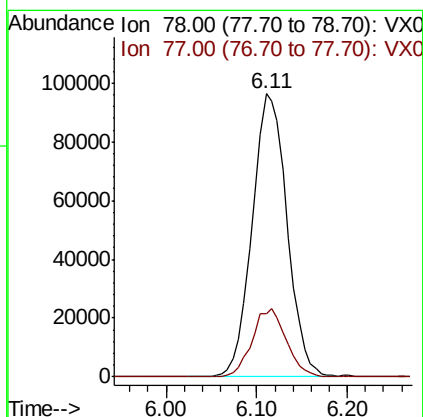
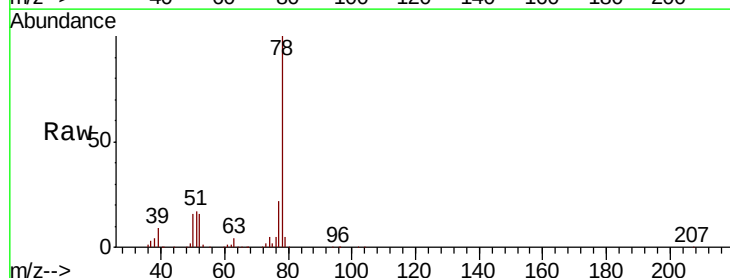
Instrument :
MSVOA_X
ClientSampleId :
VX0713WBSD01

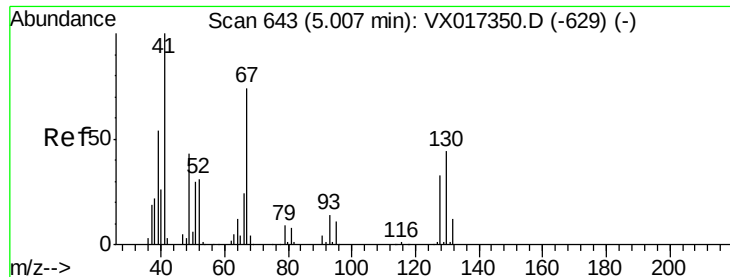
Tot Ion: 83 Resp: 95579
Ion Ratio Lower Upper
83 100
55 75.4 61.2 91.8
98 47.0 38.1 57.1



#40
Benzene
Concen: 20.436 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Tgt Ion: 78 Resp: 255650
Ion Ratio Lower Upper
78 100
77 22.4 18.9 28.3





#41

Methacrylonitrile

Concen: 21.484 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBSD01

Tot Ion: 41 Resp: 51919

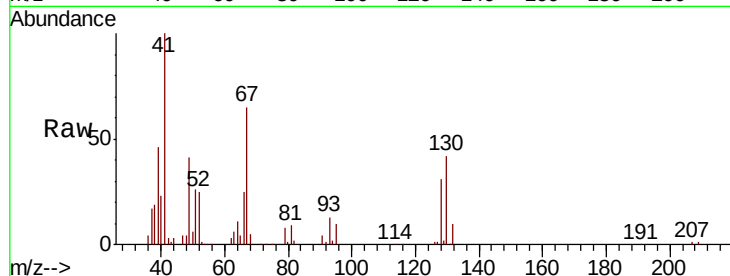
Ion Ratio Lower Upper

41 100

39 53.2 43.8 65.8

67 69.5 58.7 88.1

52 27.0 24.9 37.3

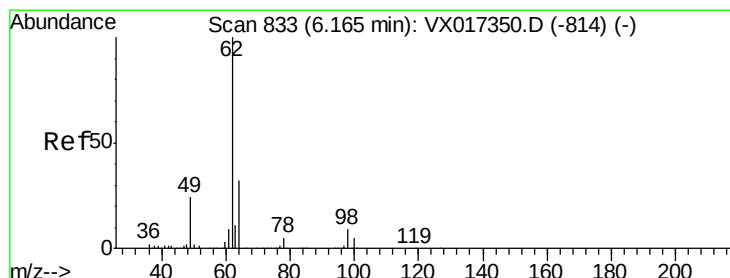
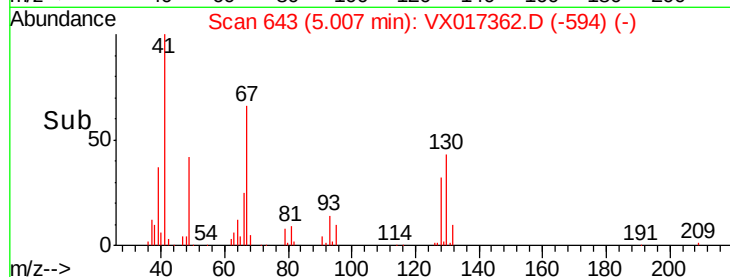
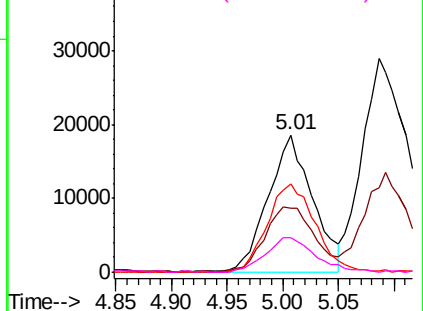


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 20.017 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX017362.D

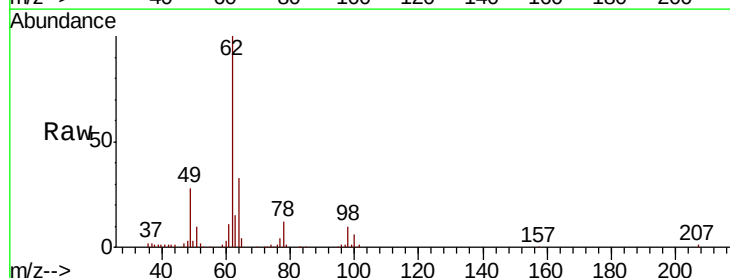
Acq: 13 Jul 2020 18:44

Tgt Ion: 62 Resp: 97287

Ion Ratio Lower Upper

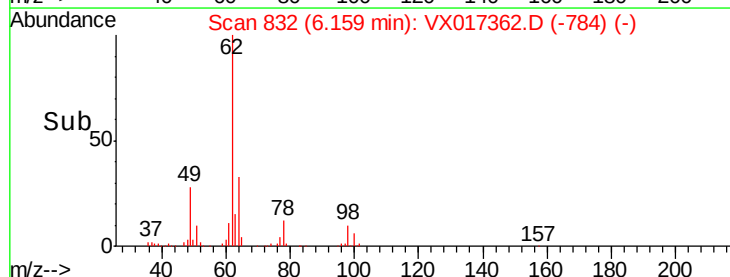
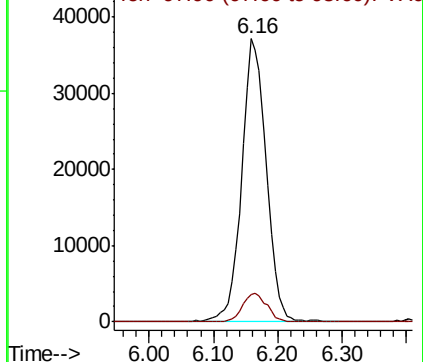
62 100

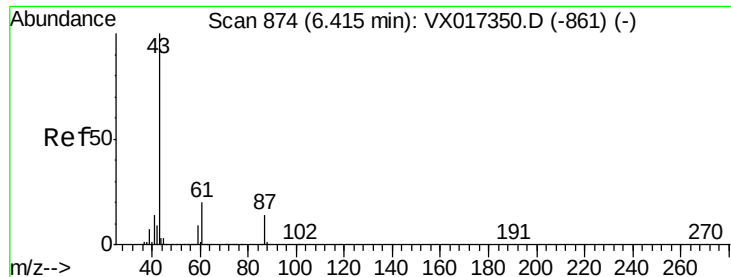
98 10.0 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.465 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBSD01

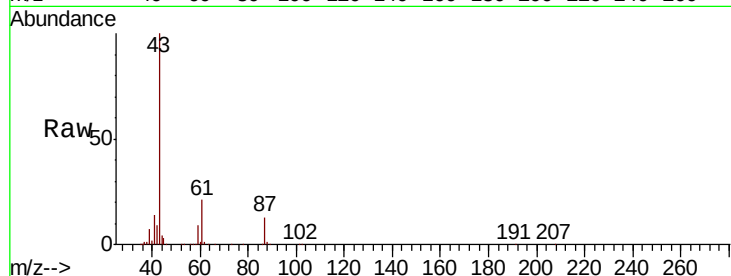
Tot Ion: 43 Resp: 147205

Ion Ratio Lower Upper

43 100

61 20.4 16.4 24.6

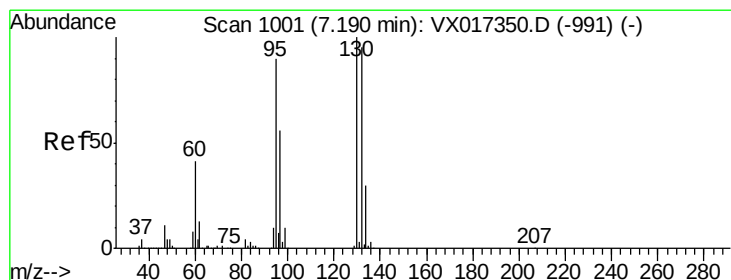
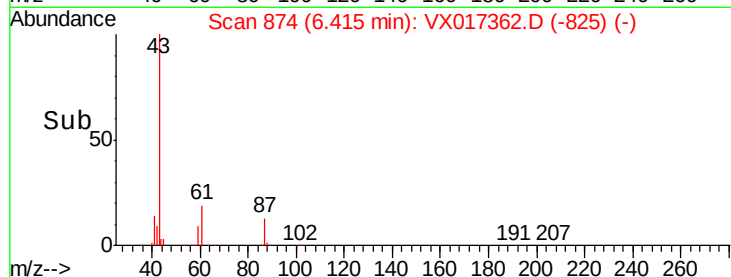
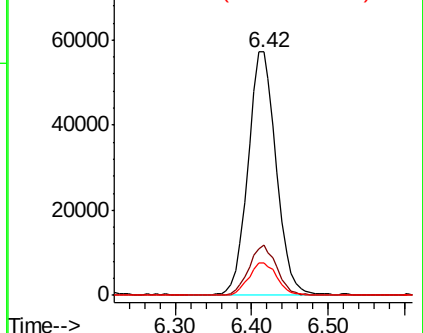
87 13.5 11.2 16.8



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: 19.910 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017362.D

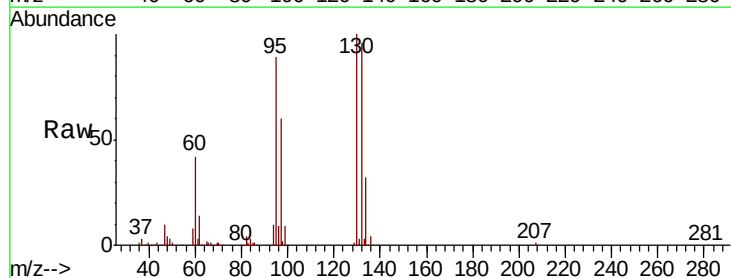
Acq: 13 Jul 2020 18:44

Tgt Ion:130 Resp: 76077

Ion Ratio Lower Upper

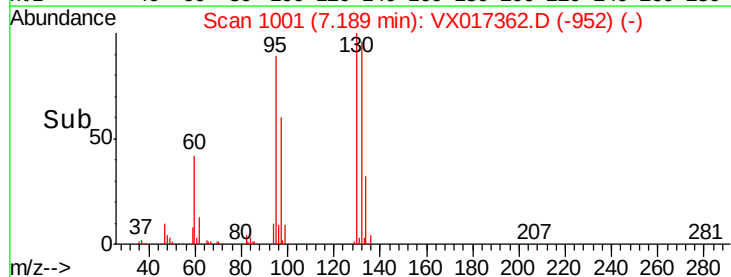
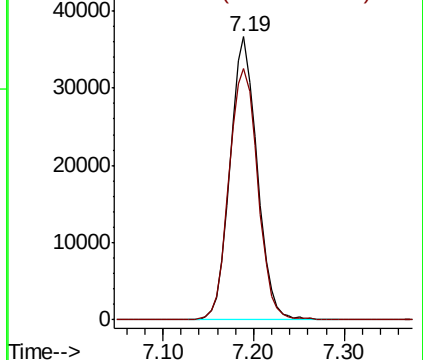
130 100

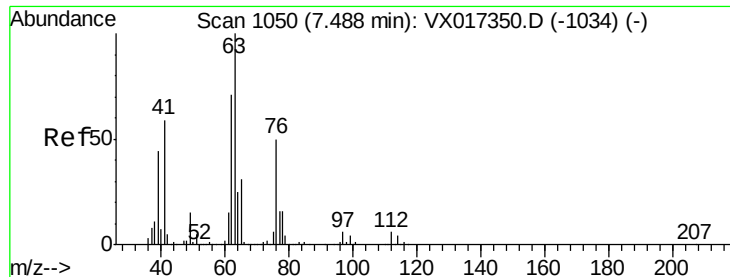
95 88.7 0.0 180.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 21.018 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

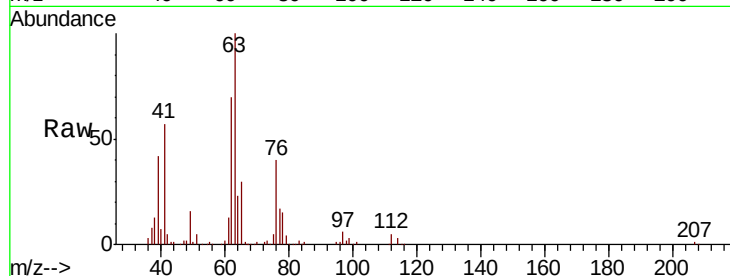
VX0713WBSD01

Tot Ion: 63 Resp: 67276

Ion Ratio Lower Upper

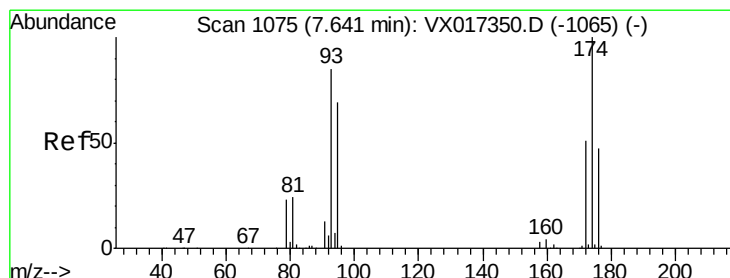
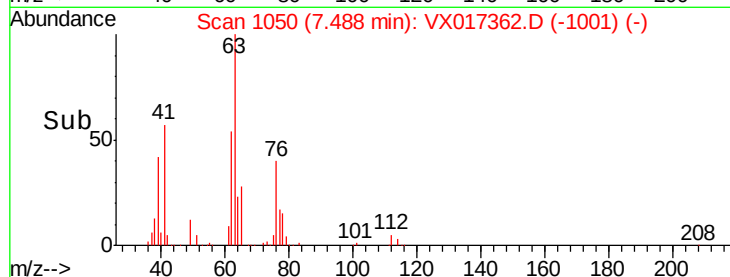
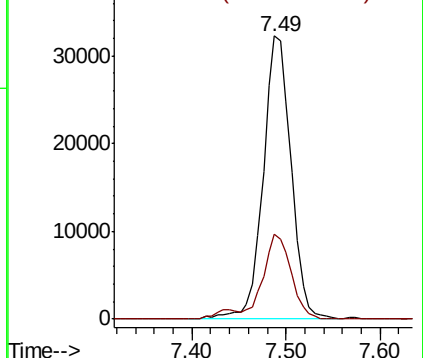
63 100

65 30.1 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.484 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

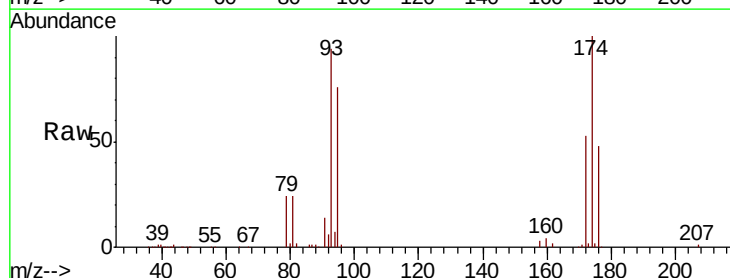
Tgt Ion: 93 Resp: 47288

Ion Ratio Lower Upper

93 100

95 82.2 65.4 98.2

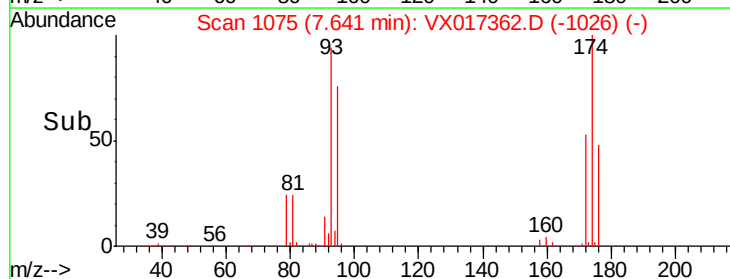
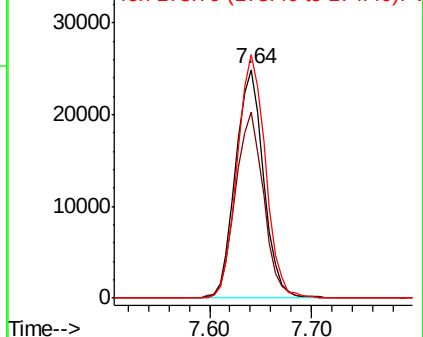
174 107.8 91.2 136.8

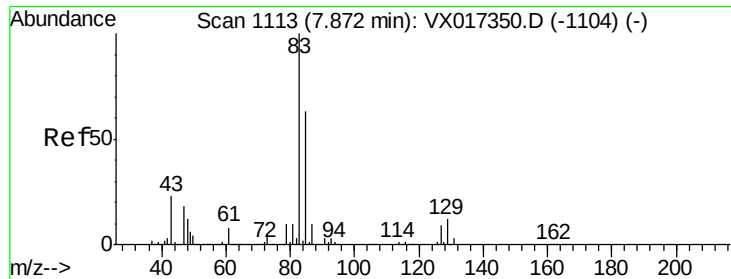


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.949 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampled :

VX0713WBSD01

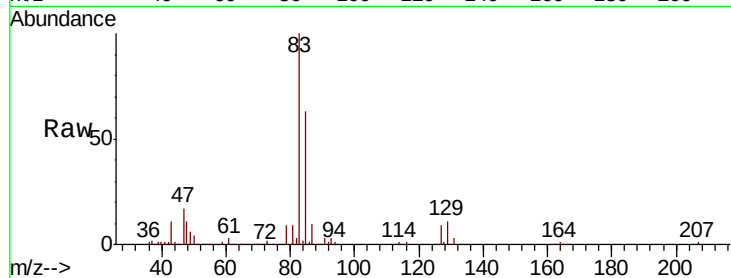
Tot Ion: 83 Resp: 96280

Ion Ratio Lower Upper

83 100

85 62.7 50.2 75.4

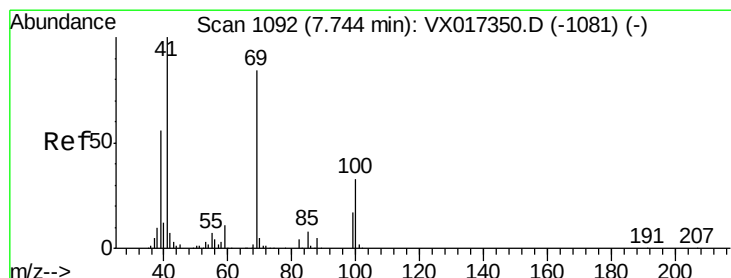
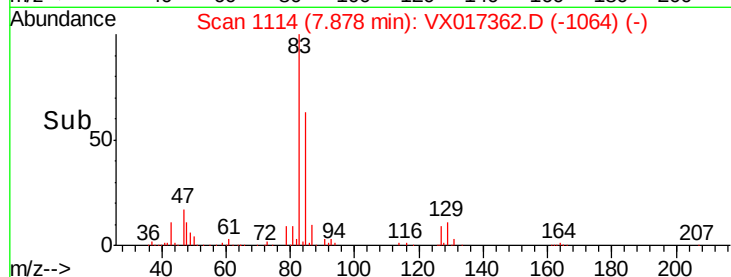
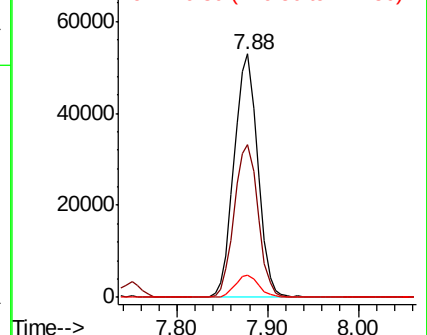
127 9.3 7.1 10.7



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: 20.824 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

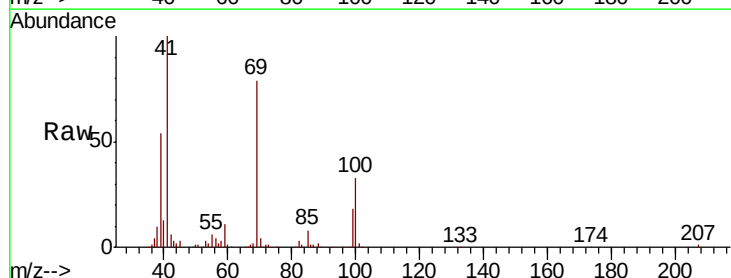
Tgt Ion: 41 Resp: 71880

Ion Ratio Lower Upper

41 100

69 82.1 67.8 101.6

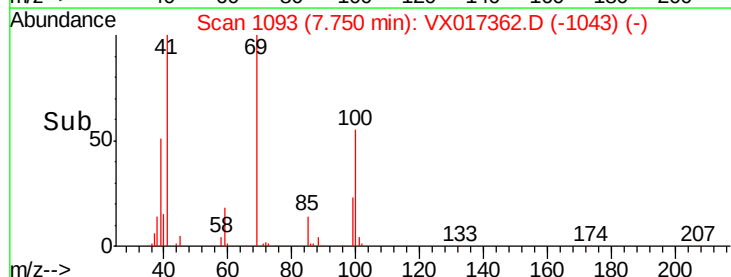
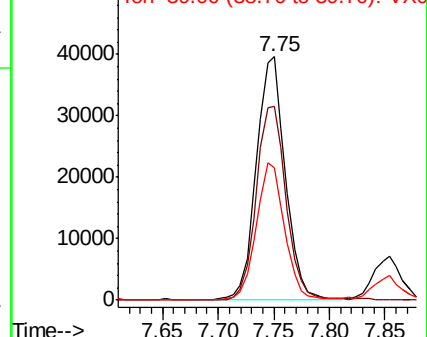
39 55.6 45.1 67.7

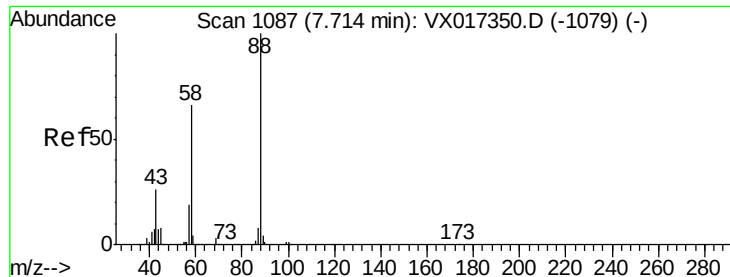


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 416.077 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBSD01

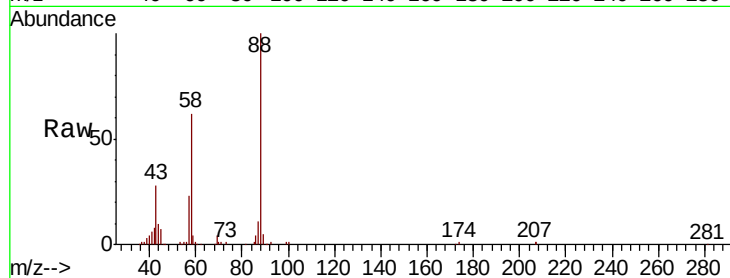
Tot Ion: 88 Resp: 29391

Ion Ratio Lower Upper

88 100

43 36.7 25.6 38.4

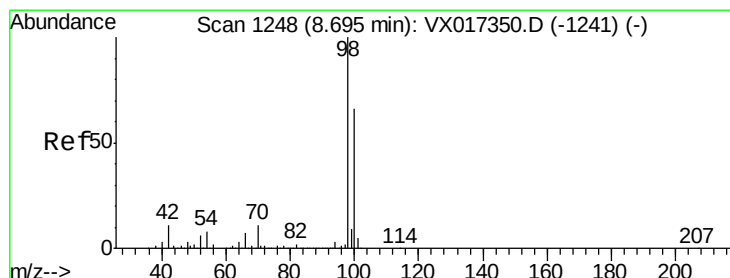
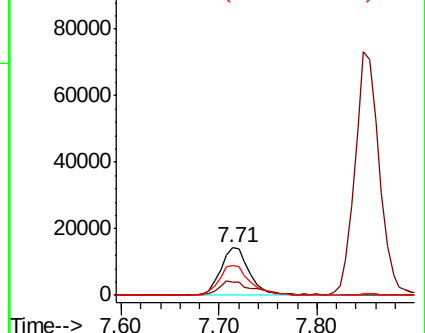
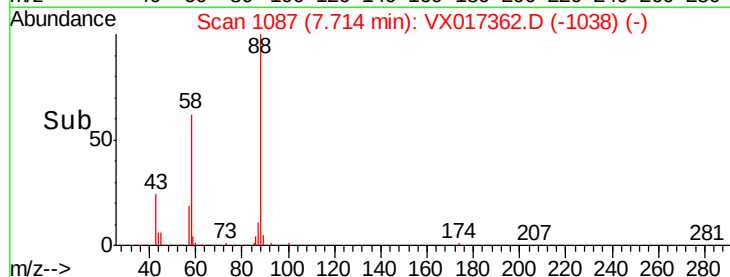
58 67.9 53.9 80.9



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.933 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017362.D

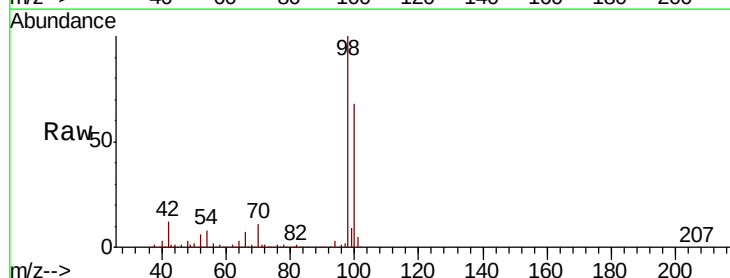
Acq: 13 Jul 2020 18:44

Tgt Ion: 98 Resp: 574161

Ion Ratio Lower Upper

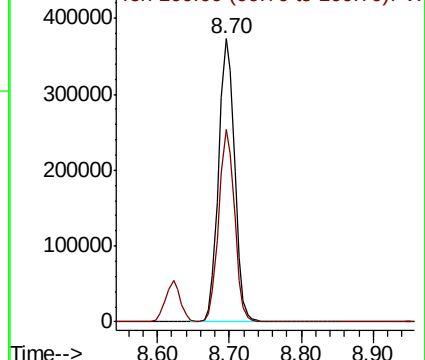
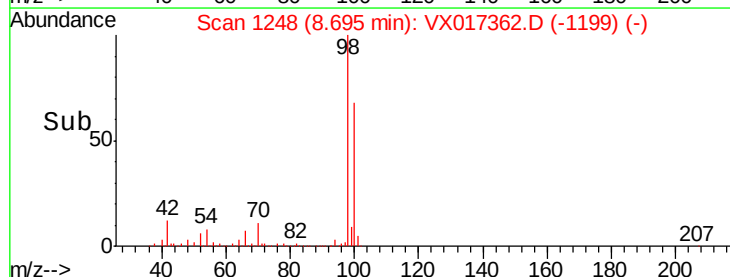
98 100

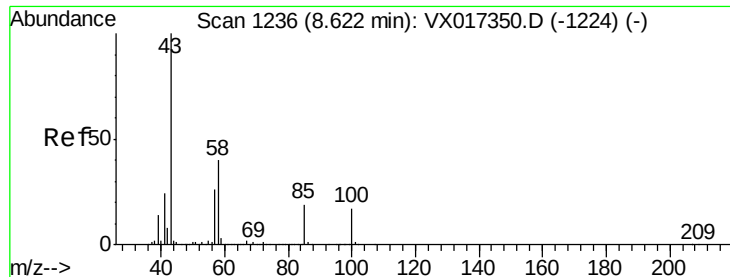
100 66.9 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 106.776 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

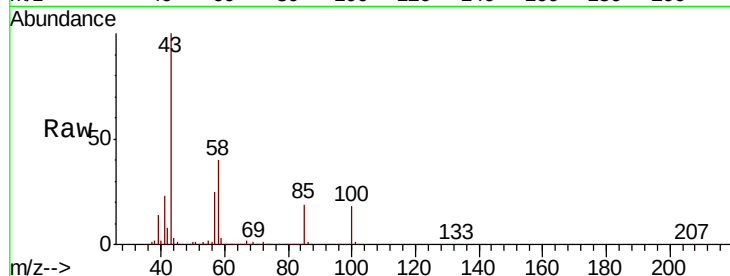
VX0713WBSD01

Tot Ion: 43 Resp: 468321

Ion Ratio Lower Upper

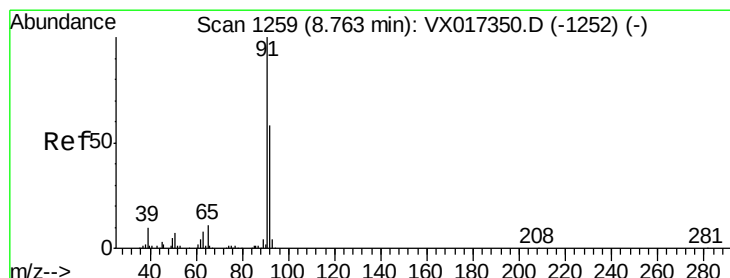
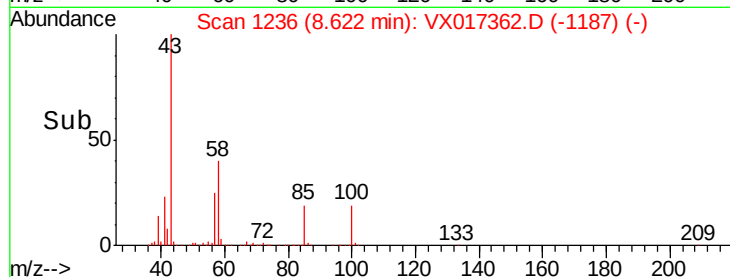
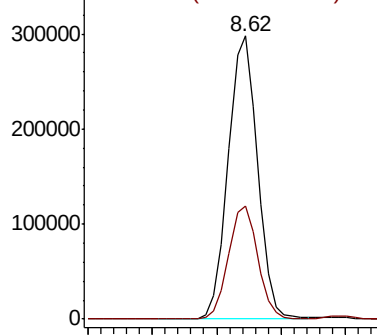
43 100

58 40.0 32.2 48.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.625 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017362.D

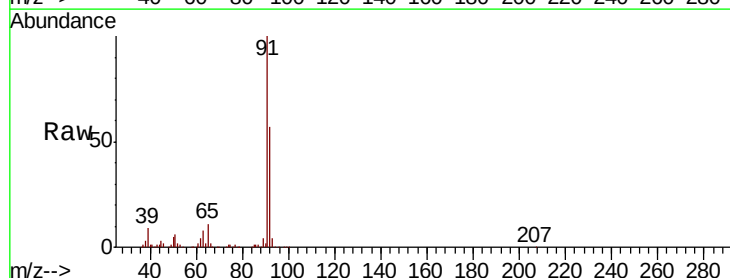
Acq: 13 Jul 2020 18:44

Tgt Ion: 92 Resp: 165569

Ion Ratio Lower Upper

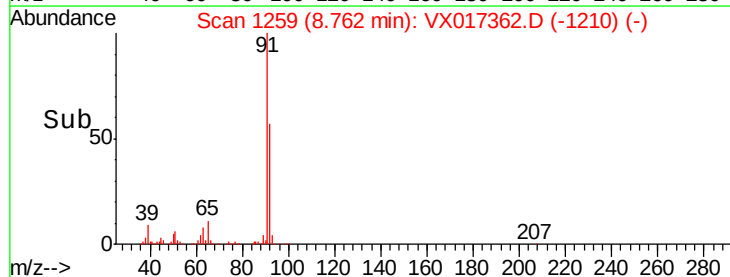
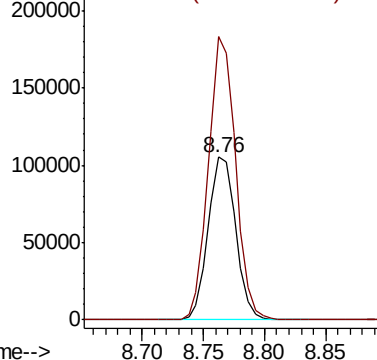
92 100

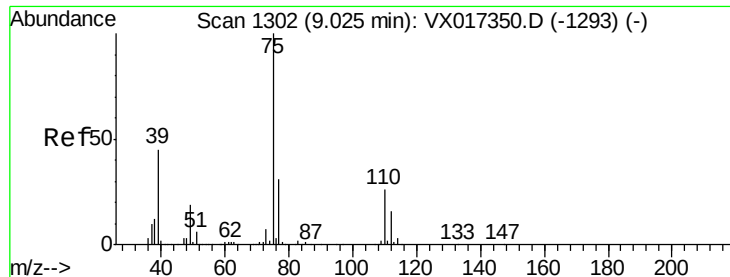
91 170.2 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 19.970 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

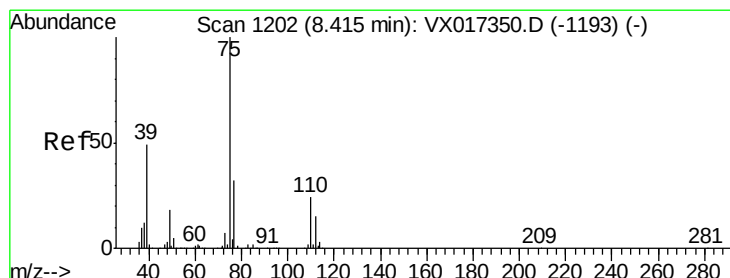
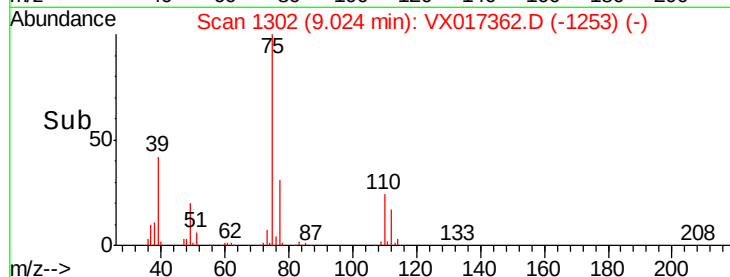
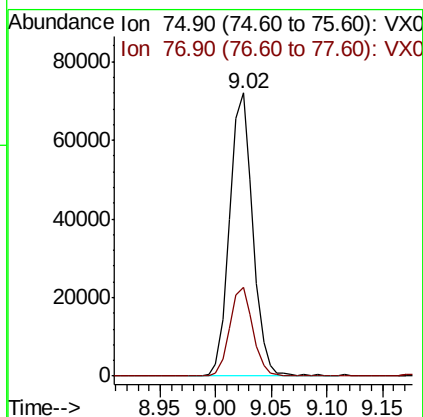
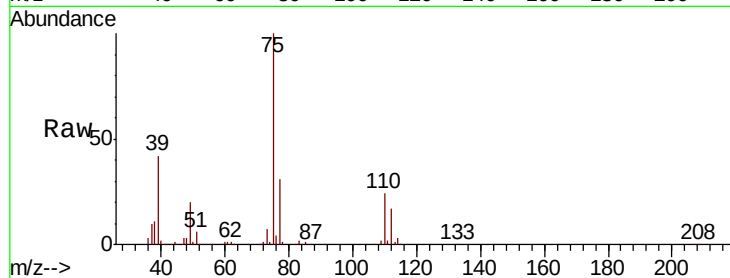
VX0713WBSD01

Tot Ion: 75 Resp: 103832

Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 20.416 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

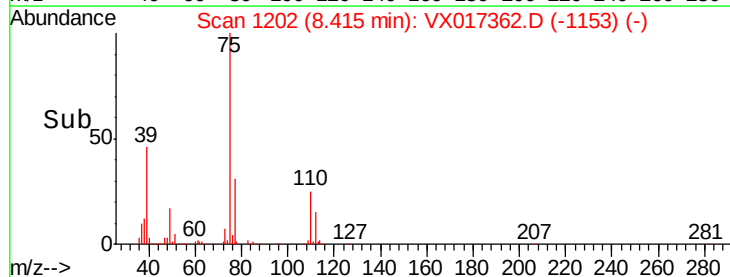
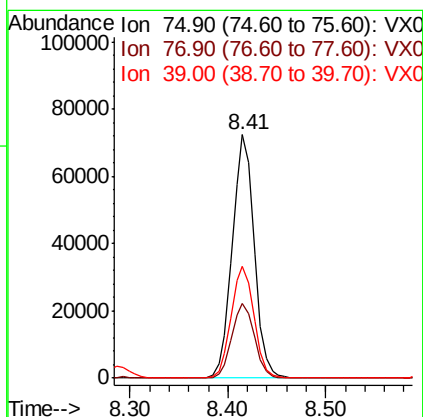
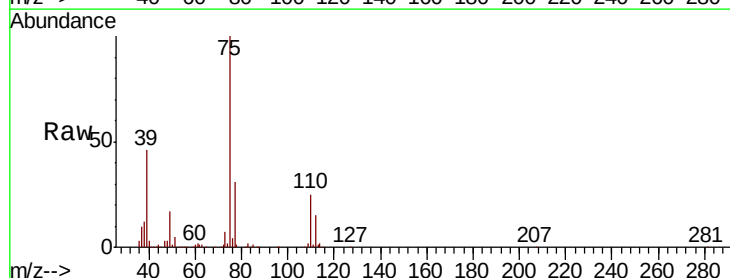
Tgt Ion: 75 Resp: 113218

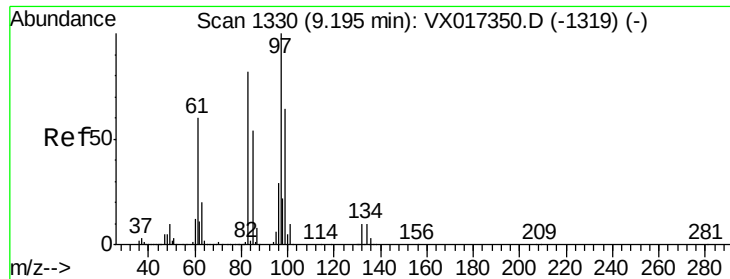
Ion Ratio Lower Upper

75 100

77 30.8 25.3 37.9

39 45.8 38.9 58.3

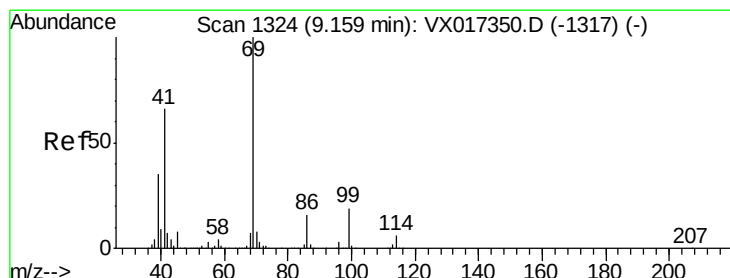
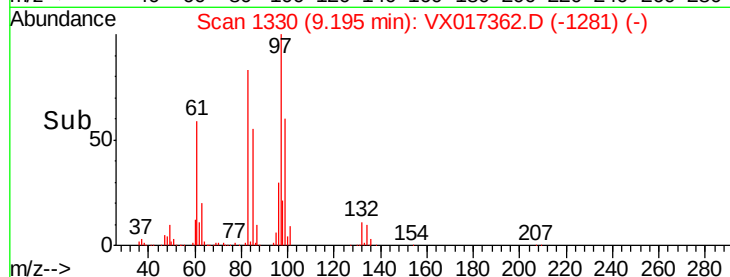
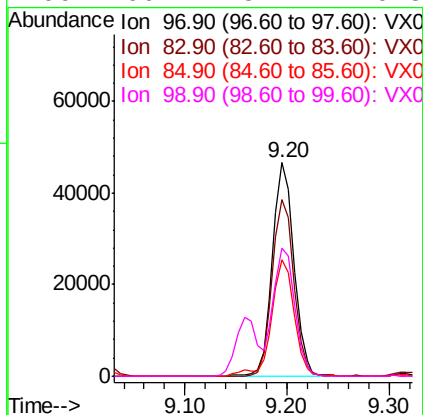
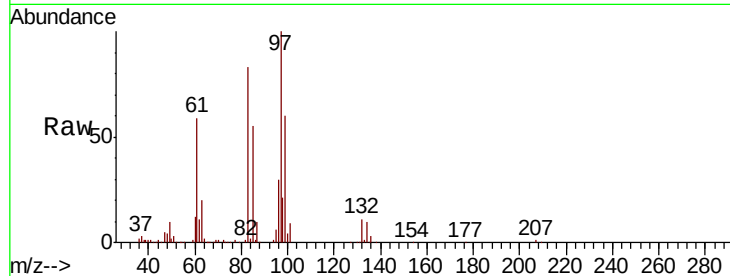




#55
 1,1,2-Trichloroethane
 Concen: 20.260 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017362.D
 Acq: 13 Jul 2020 18:44

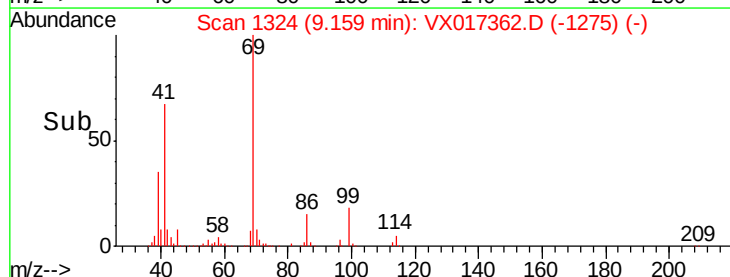
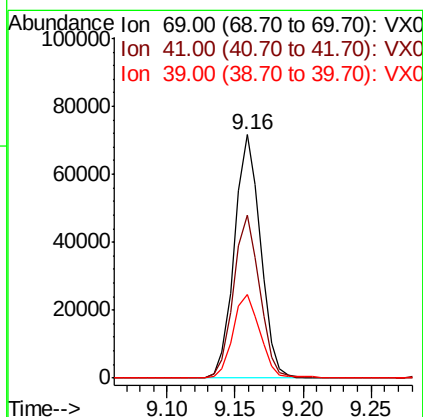
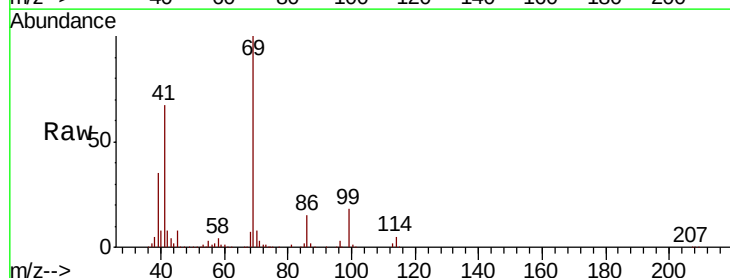
Instrument :
 MSVOA_X
 ClientSampled :
 VX0713WBSD01

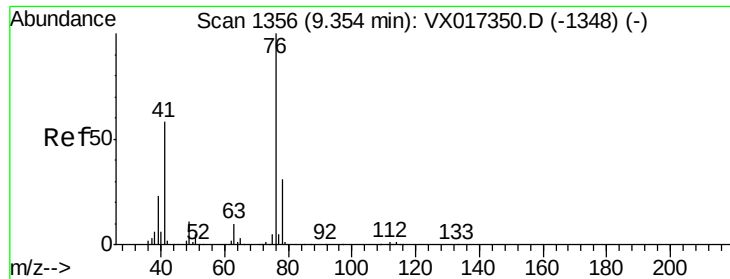
Tot Ion:	97	Resp:	67819
Ion	Ratio	Lower	Upper
97	100		
83	82.8	65.8	98.6
85	54.6	42.8	64.2
99	60.1	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 20.190 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017362.D
 Acq: 13 Jul 2020 18:44

Tgt Ion:	69	Resp:	95956
Ion	Ratio	Lower	Upper
69	100		
41	66.6	52.6	78.8
39	35.5	28.8	43.2





#57

1,3-Dichloropropane

Concen: 20.222 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

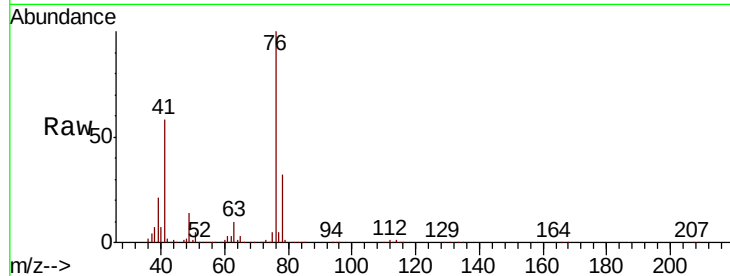
VX0713WBSD01

Tot Ion: 76 Resp: 112604

Ion Ratio Lower Upper

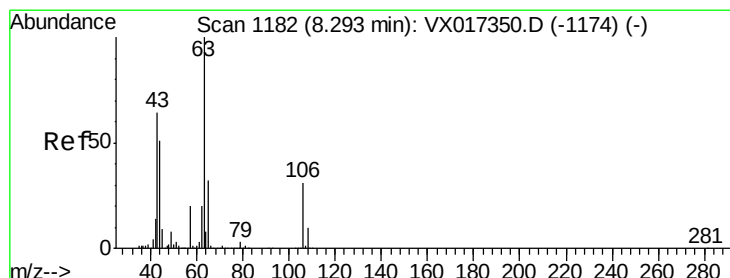
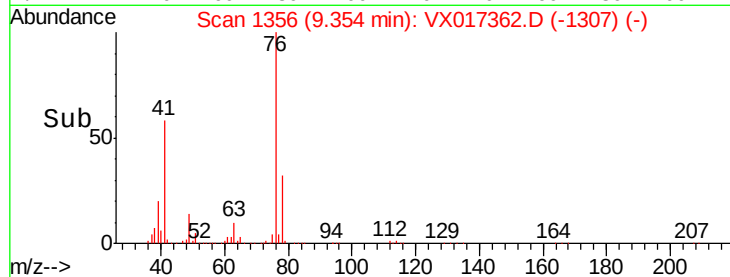
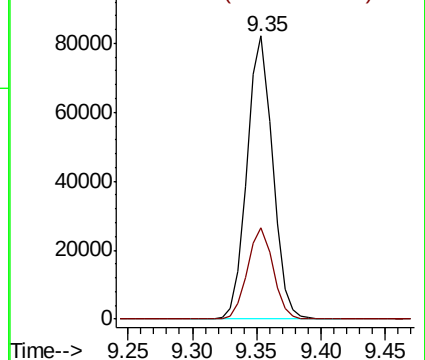
76 100

78 32.5 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: 103.610 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017362.D

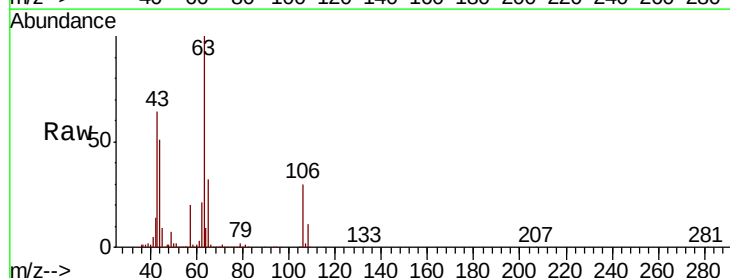
Acq: 13 Jul 2020 18:44

Tgt Ion: 63 Resp: 250023

Ion Ratio Lower Upper

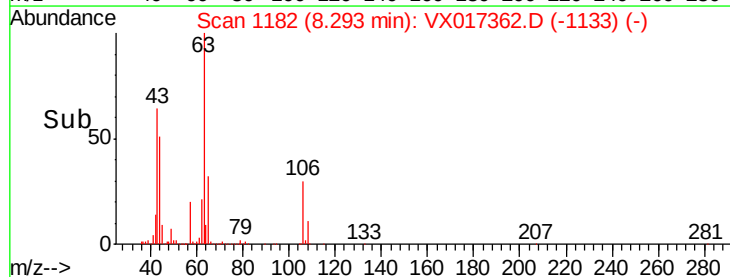
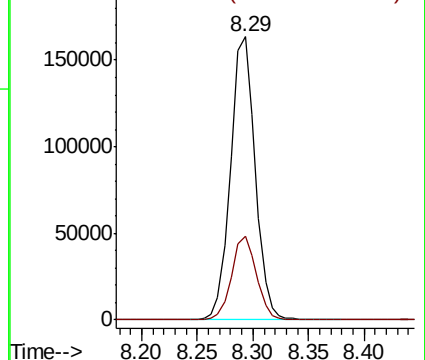
63 100

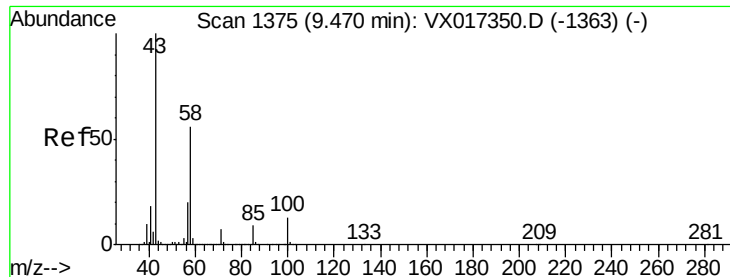
106 29.9 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

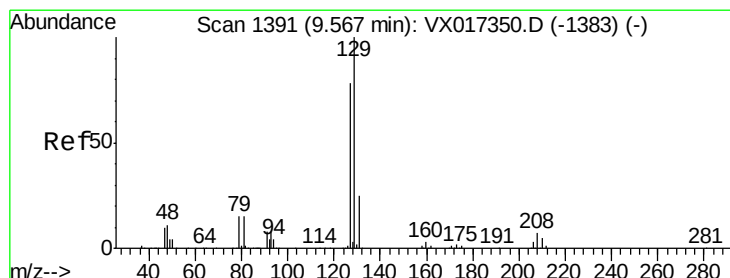
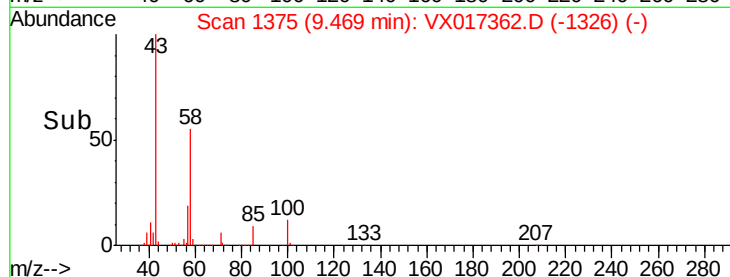
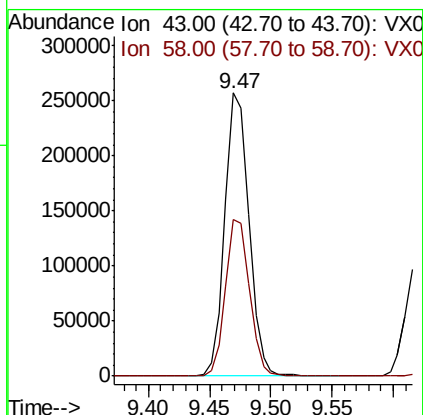
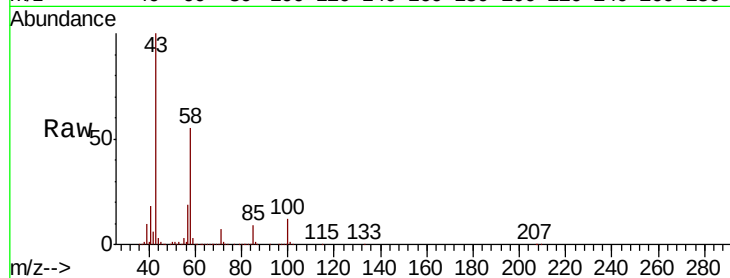




#59
2-Hexanone
Concen: 106.116 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

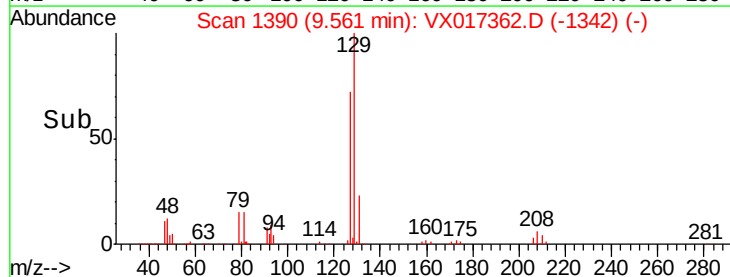
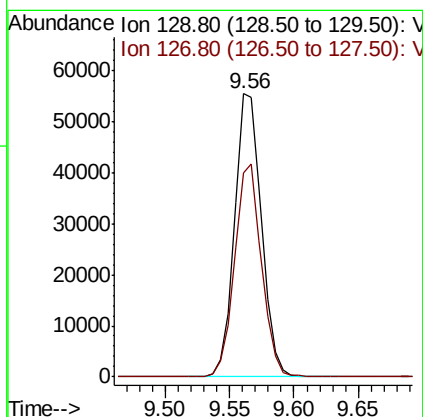
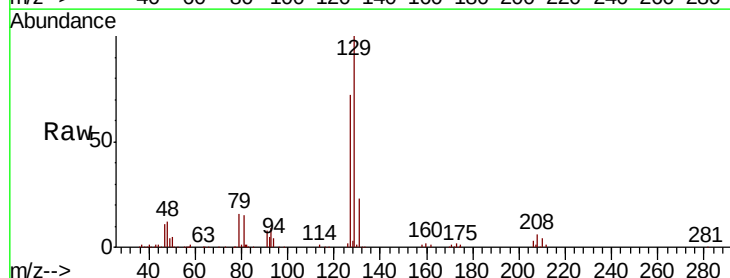
Instrument :
MSVOA_X
ClientSampleId :
VX0713WBSD01

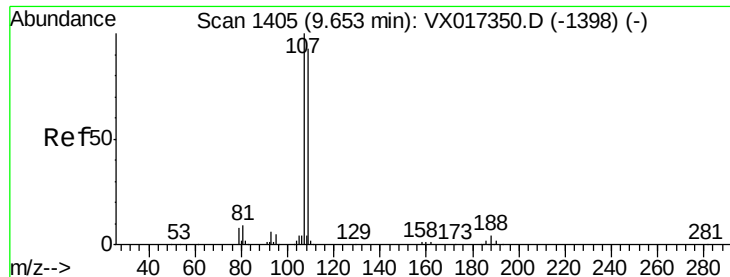
Tot Ion: 43 Resp: 351283
Ion Ratio Lower Upper
43 100
58 55.3 28.1 84.3



#60
Dibromochloromethane
Concen: 19.669 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Tgt Ion: 129 Resp: 80438
Ion Ratio Lower Upper
129 100
127 75.1 38.9 116.6





#61

1,2-Dibromoethane

Concen: 19.763 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

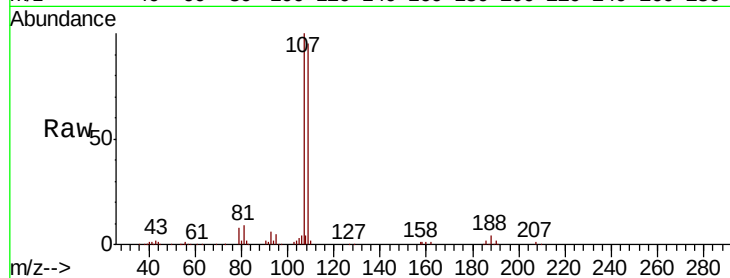
VX0713WBSD01

Tot Ion:107 Resp: 71968

Ion Ratio Lower Upper

107 100

109 95.7 75.0 112.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

60000

50000

40000

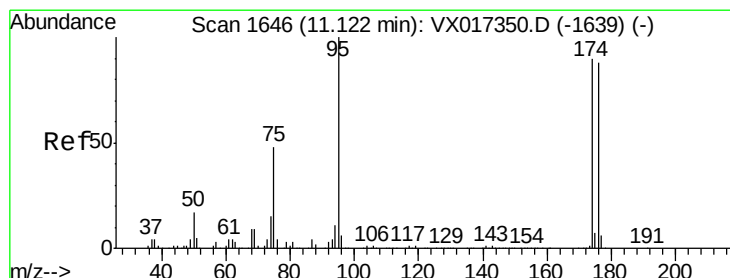
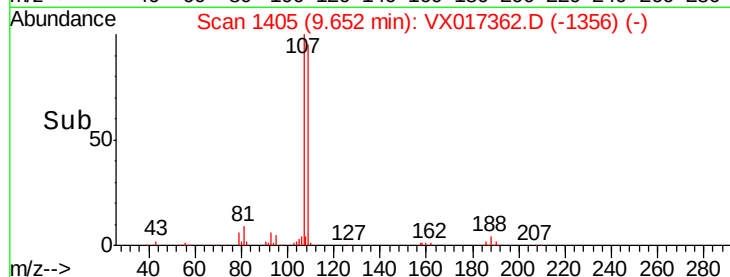
30000

20000

10000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 48.176 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

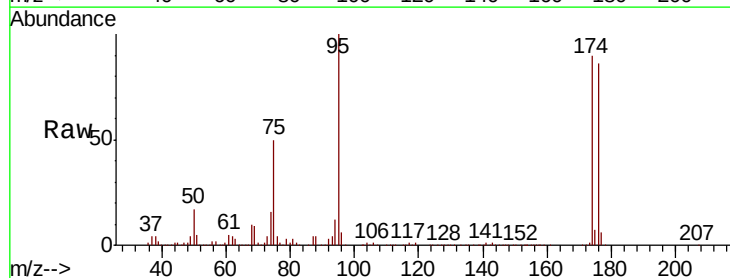
Tgt Ion: 95 Resp: 220045

Ion Ratio Lower Upper

95 100

174 86.1 0.0 175.8

176 82.2 0.0 164.6



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

200000

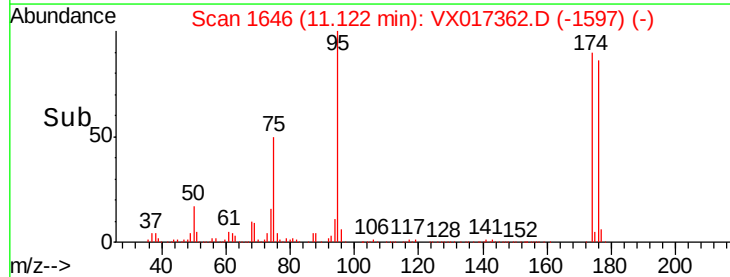
150000

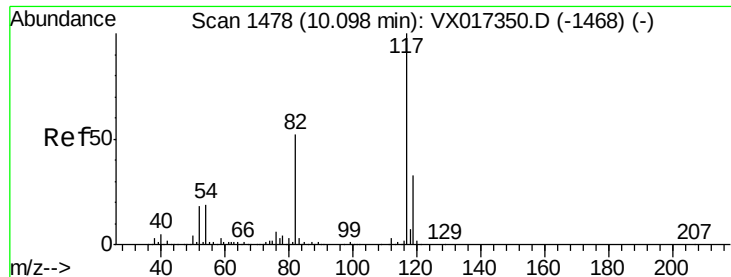
100000

50000

0

Time--> 11.10 11.20

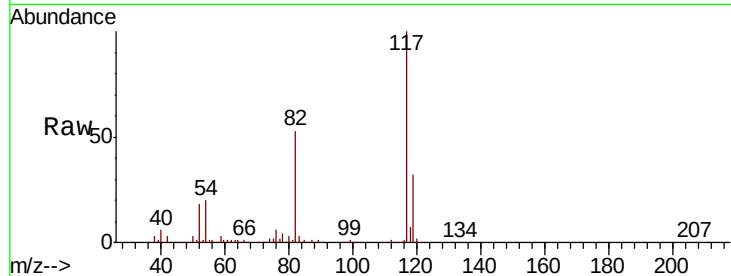




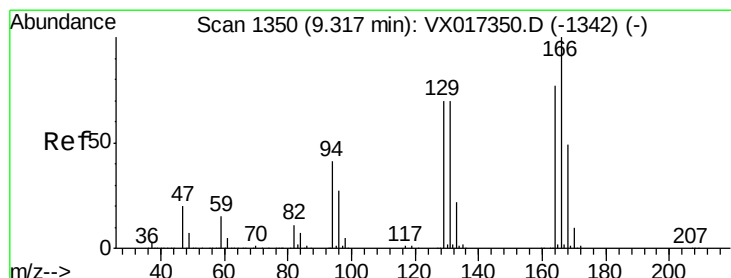
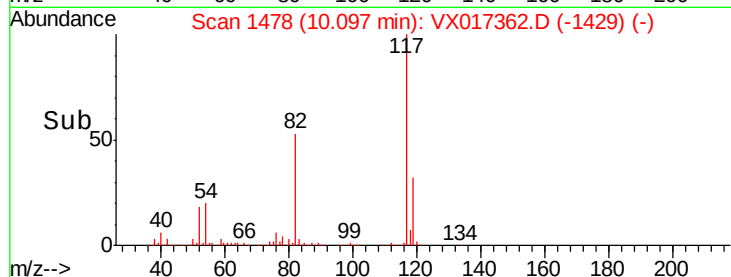
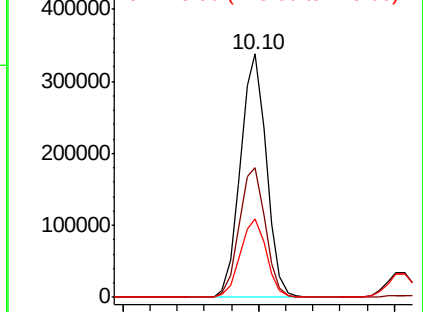
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
VX0713WBSD01

Tot Ion:117 Resp: 450263
Ion Ratio Lower Upper
117 100
82 53.3 42.0 63.0
119 32.1 26.3 39.5

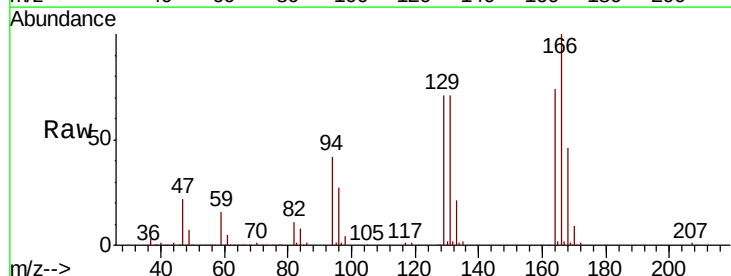


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

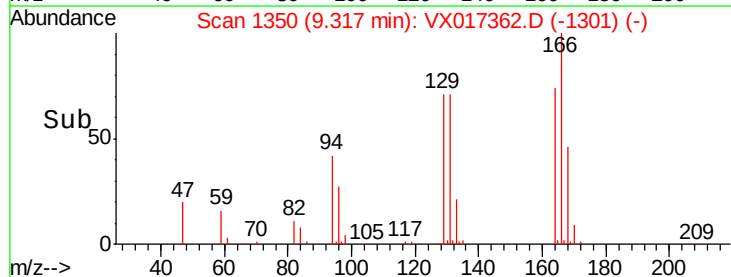
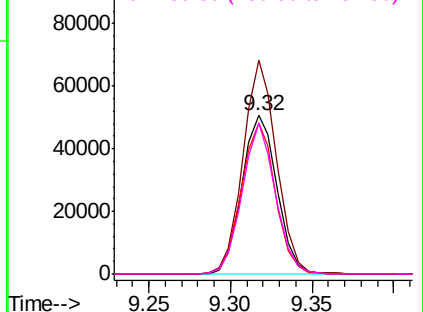


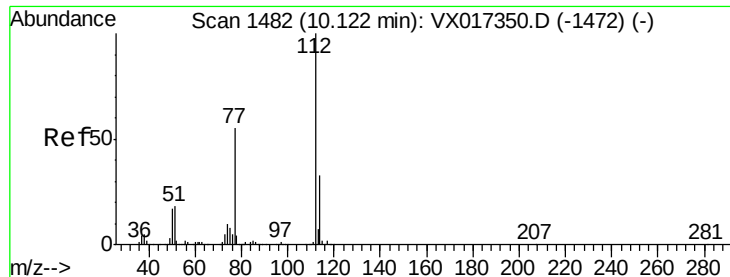
#64
Tetrachloroethene
Concen: 19.497 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Tgt Ion:164 Resp: 75981
Ion Ratio Lower Upper
164 100
166 134.7 103.9 155.9
129 95.3 72.9 109.3
131 95.6 72.5 108.7



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

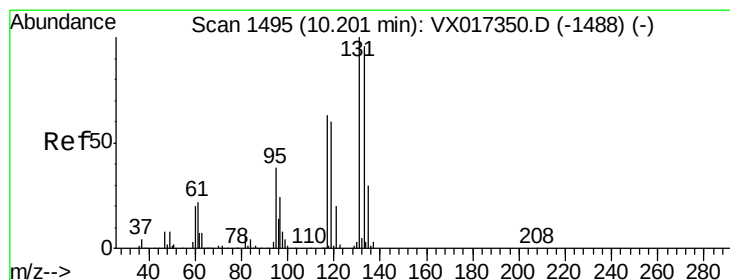
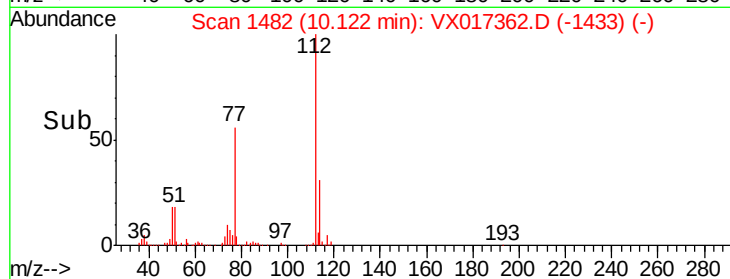
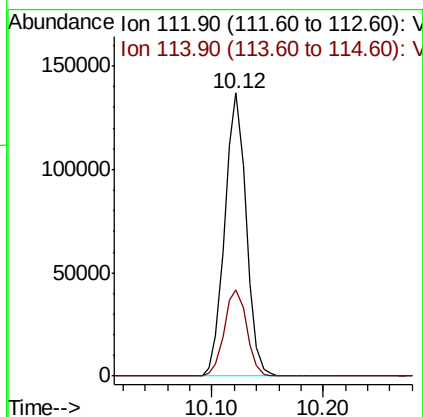
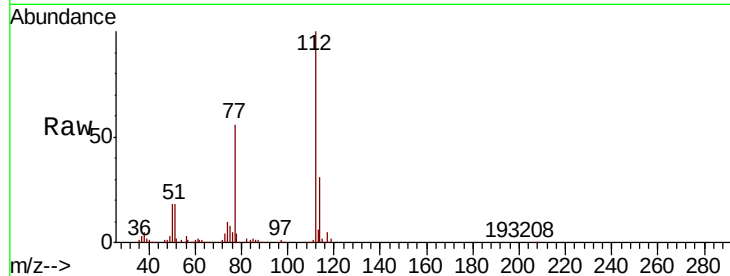




#65
Chlorobenzene
Concen: 19.924 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

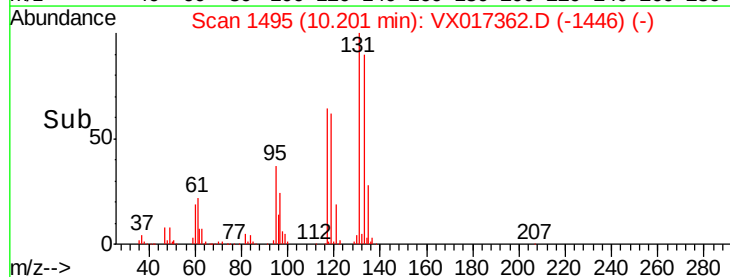
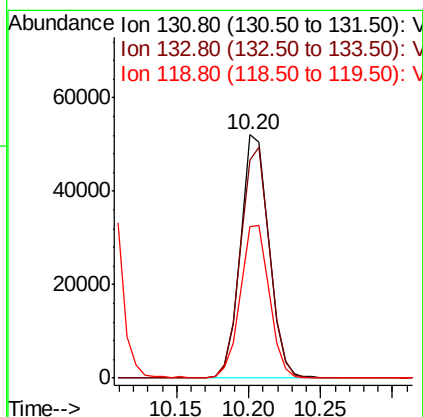
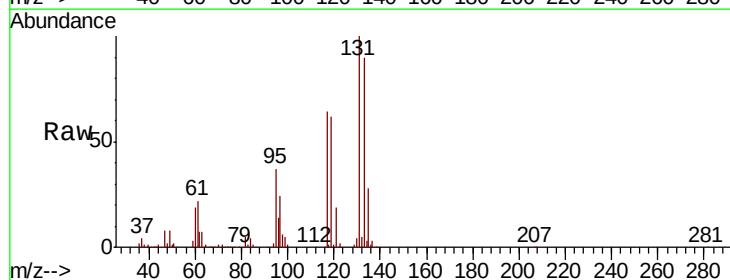
Instrument :
MSVOA_X
ClientSampleId :
VX0713WBSD01

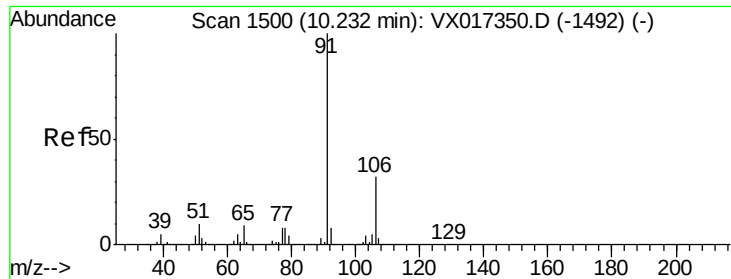
Tot Ion:112 Resp: 182314
Ion Ratio Lower Upper
112 100
114 30.7 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.642 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Tgt Ion:131 Resp: 71556
Ion Ratio Lower Upper
131 100
133 96.6 48.4 145.2
119 63.8 31.2 93.6

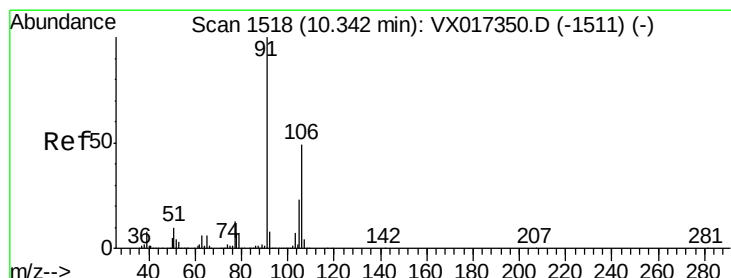
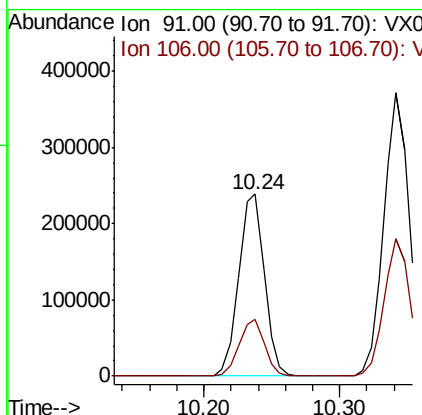
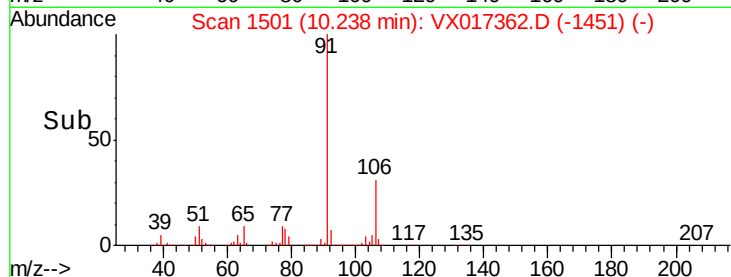
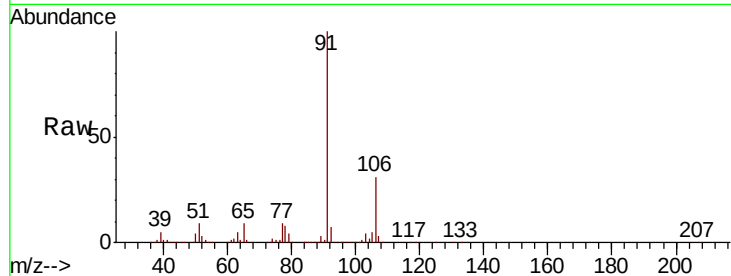




#67
Ethyl Benzene
Concen: 20.586 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

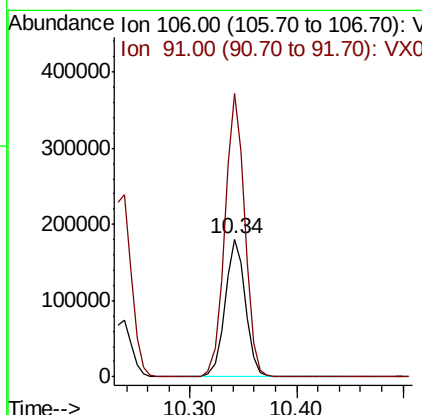
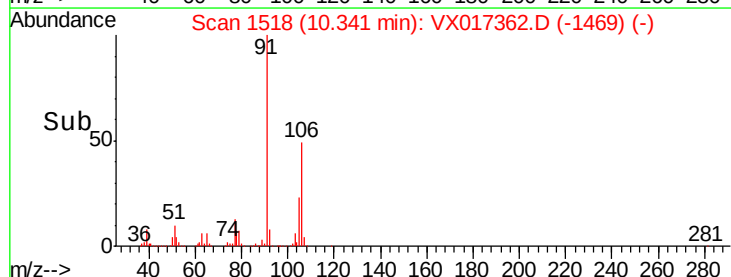
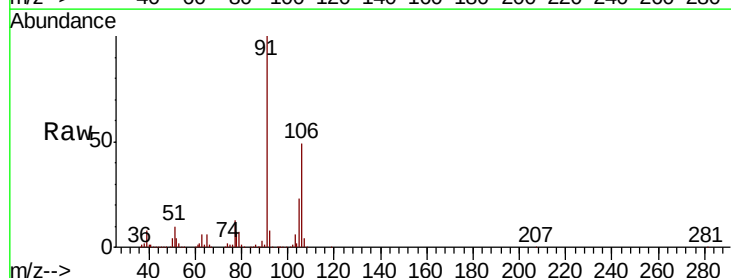
Instrument :
MSVOA_X
ClientSampleId :
VX0713WBSD01

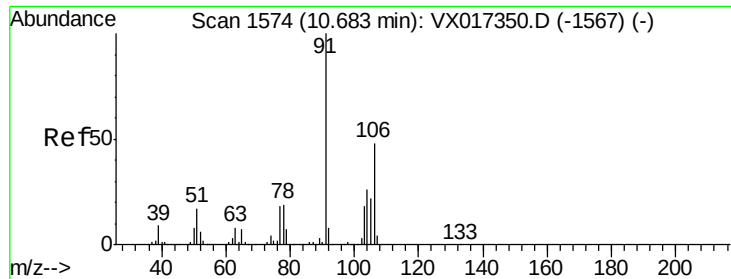
Tot Ion: 91 Resp: 313589
Ion Ratio Lower Upper
91 100
106 31.1 25.7 38.5



#68
m/p-Xylenes
Concen: 41.358 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Tgt Ion: 106 Resp: 239703
Ion Ratio Lower Upper
106 100
91 202.8 162.5 243.7

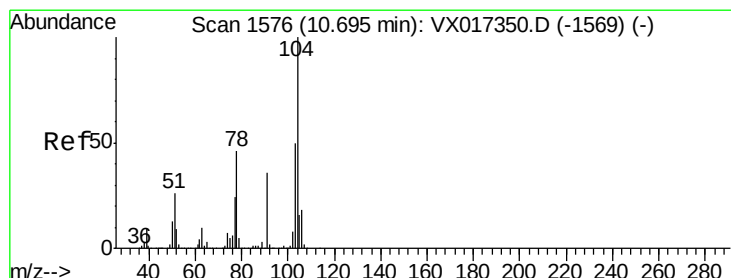
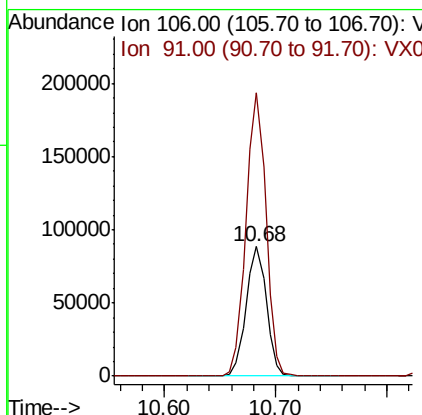
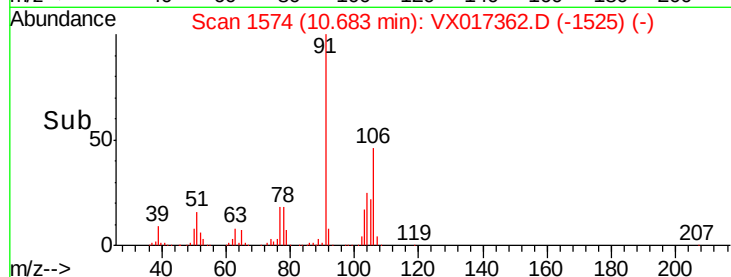
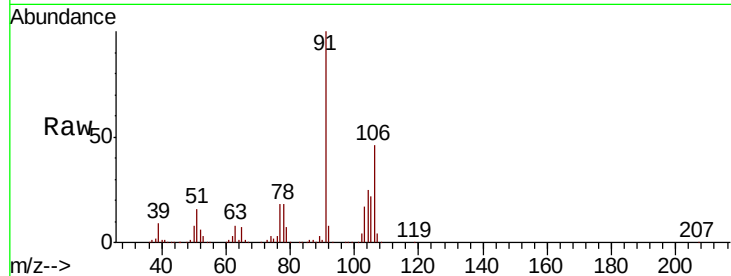




#69
o-Xylene
Concen: 20.325 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

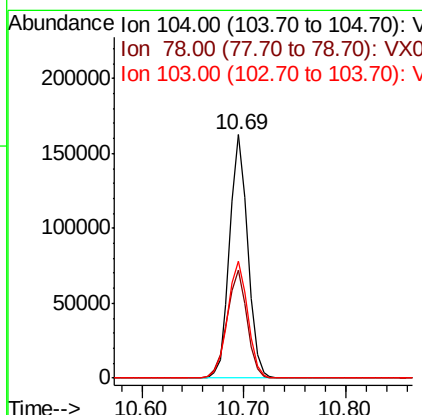
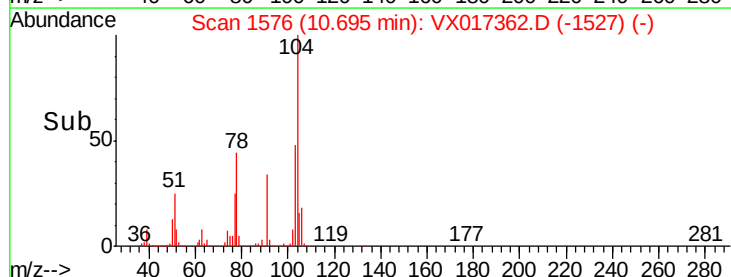
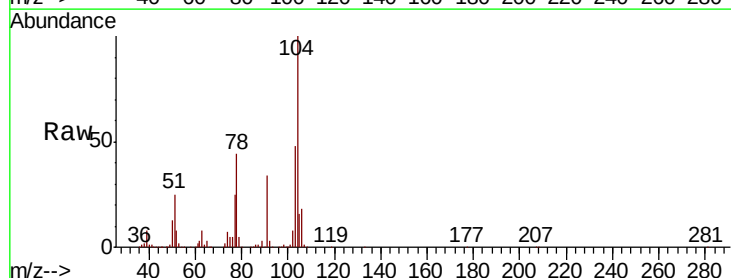
Instrument :
MSVOA_X
ClientSampleId :
VX0713WBSD01

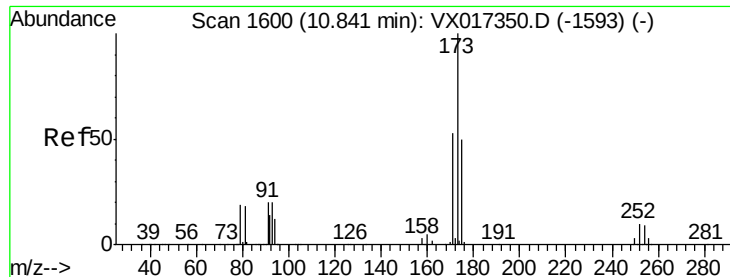
Tot Ion:106 Resp: 112562
Ion Ratio Lower Upper
106 100
91 215.0 106.1 318.1



#70
Styrene
Concen: 20.959 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Tgt Ion:104 Resp: 199246
Ion Ratio Lower Upper
104 100
78 49.2 40.8 61.2
103 53.5 43.3 64.9





#71

Bromoform

Concen: 19.526 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBSD01

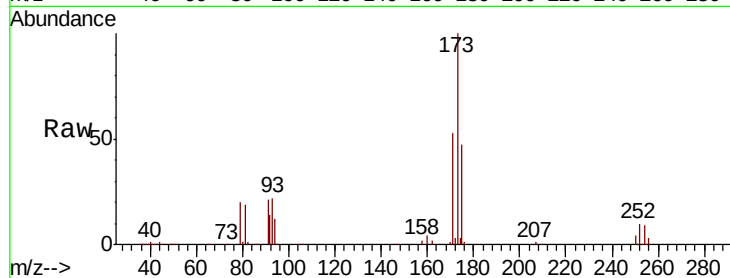
Tot Ion:173 Resp: 60025

Ion Ratio Lower Upper

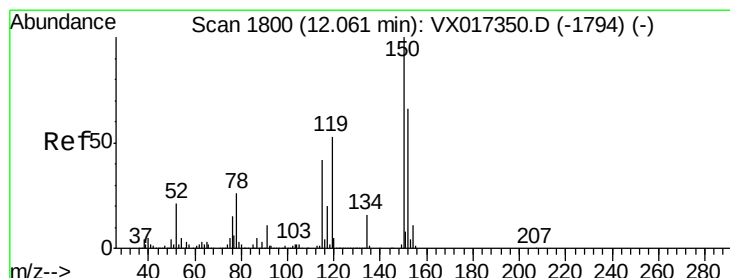
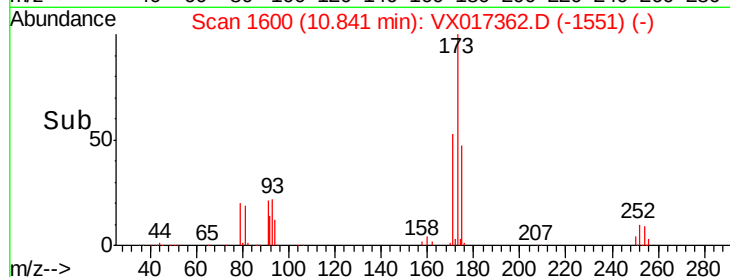
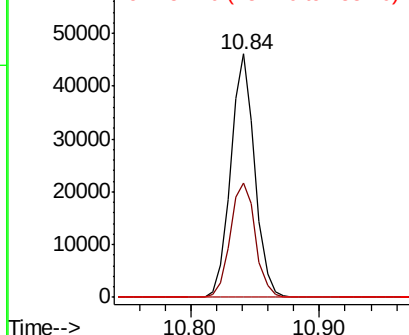
173 100

175 49.3 24.7 74.1

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

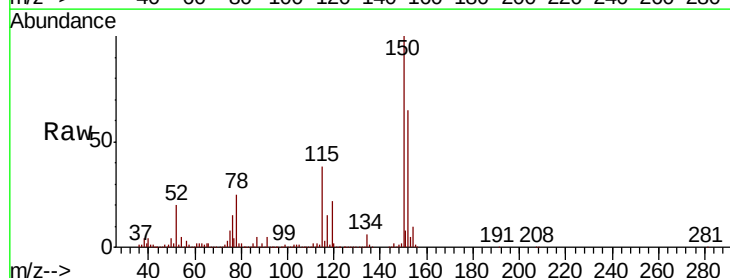
Tgt Ion:152 Resp: 244763

Ion Ratio Lower Upper

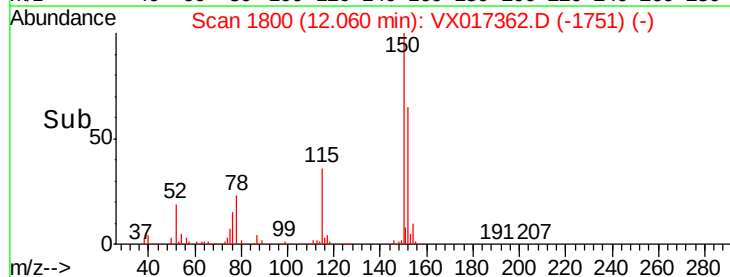
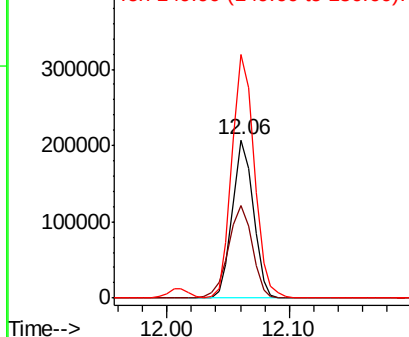
152 100

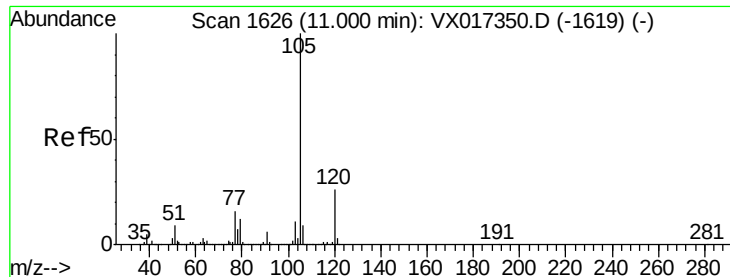
115 66.6 39.9 119.7

150 164.4 0.0 343.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.167 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

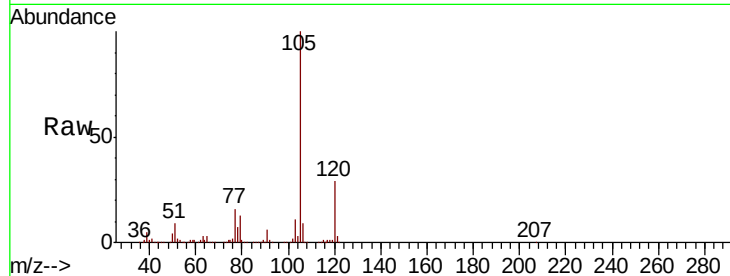
VX0713WBSD01

Tot Ion: 105 Resp: 309428

Ion Ratio Lower Upper

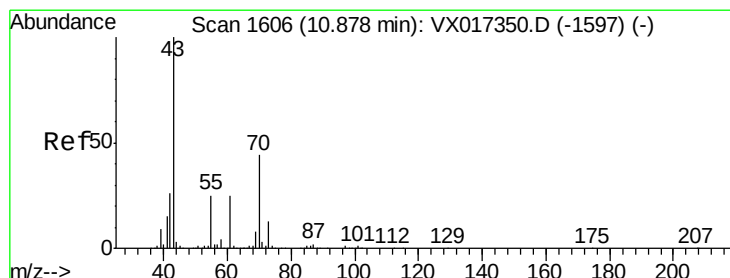
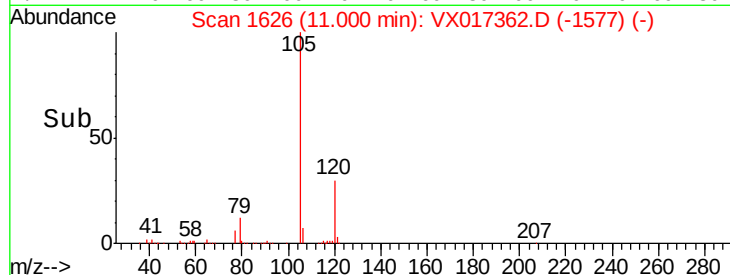
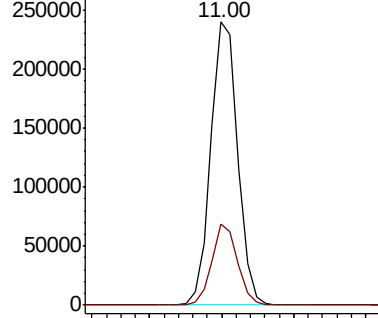
105 100

120 27.2 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.563 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Tgt Ion: 43 Resp: 126253

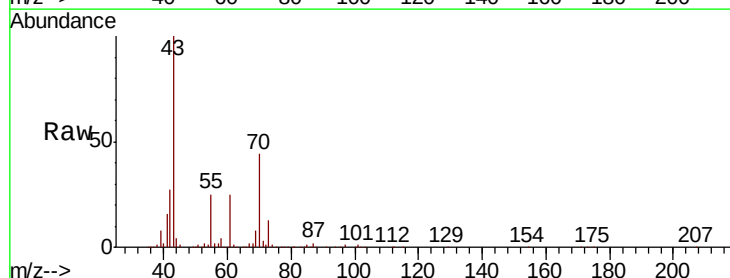
Ion Ratio Lower Upper

43 100

70 43.5 35.7 53.5

55 24.9 20.3 30.5

61 24.7 20.0 30.0

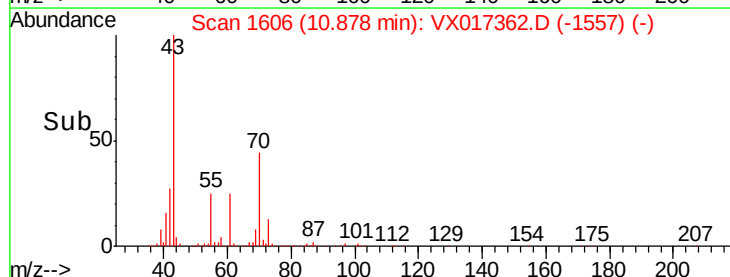
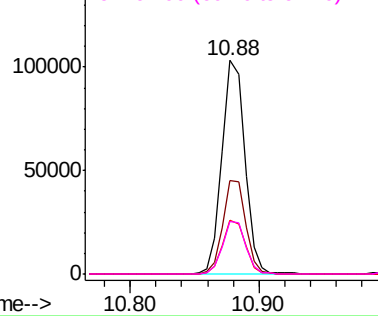


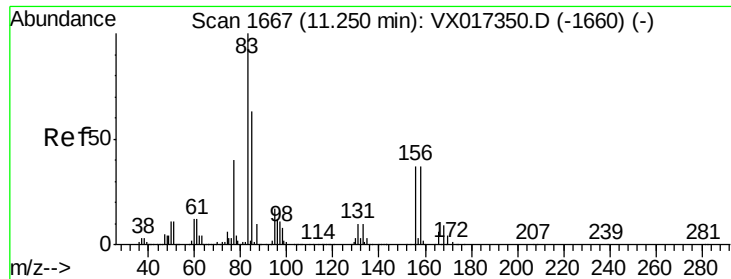
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.030 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBSD01

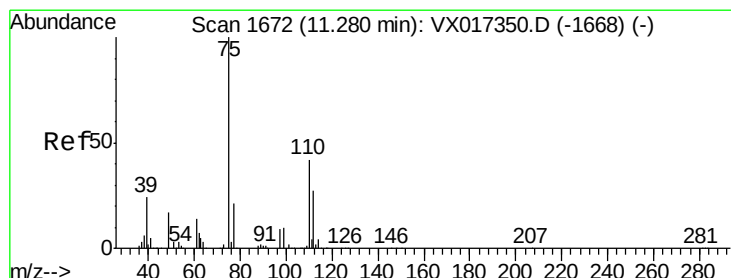
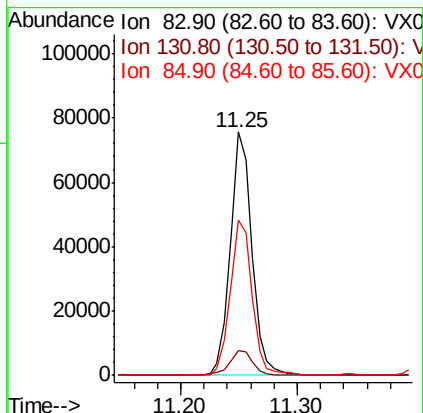
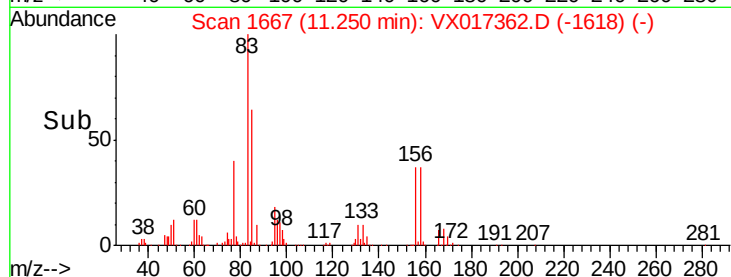
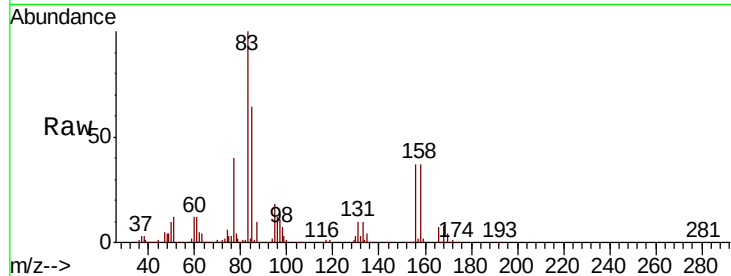
Tot Ion: 83 Resp: 97973

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.7

85 64.6 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 26.786 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017362.D

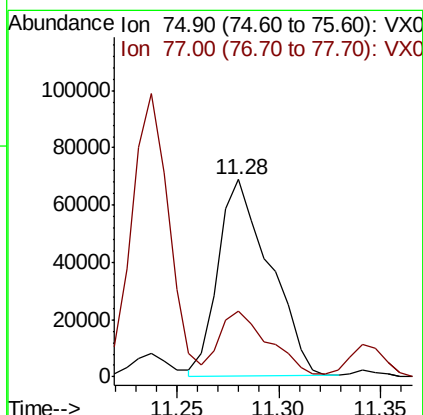
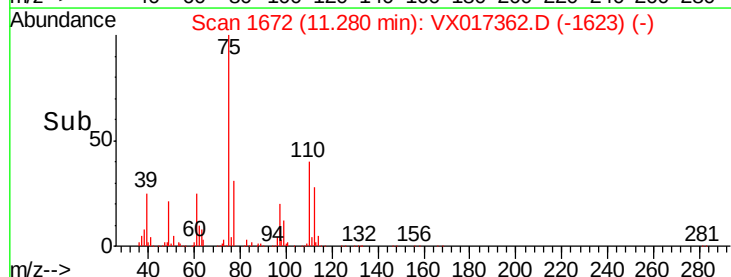
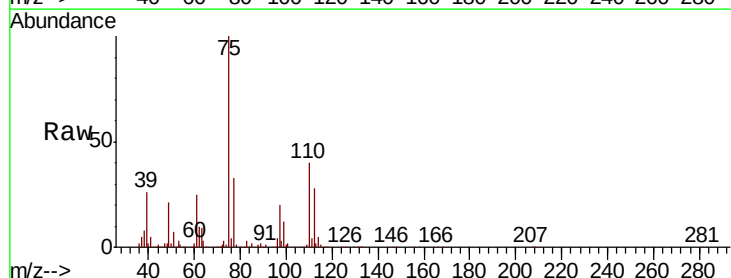
Acq: 13 Jul 2020 18:44

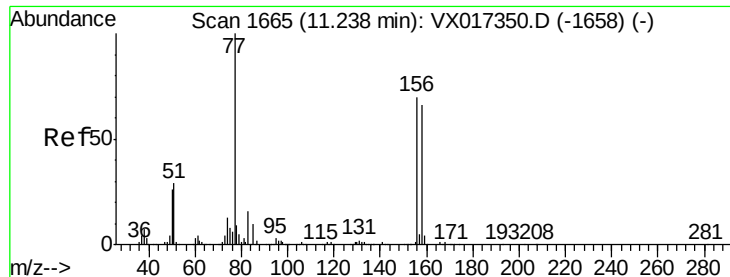
Tgt Ion: 75 Resp: 121146

Ion Ratio Lower Upper

75 100

77 32.6 20.3 60.9





#77

Bromobenzene

Concen: 19.246 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBSD01

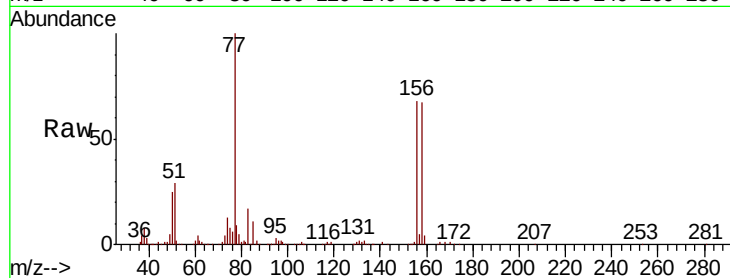
Tot Ion:156 Resp: 84105

Ion Ratio Lower Upper

156 100

77 149.1 72.1 216.3

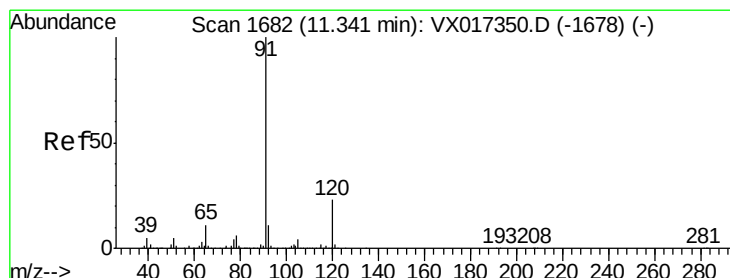
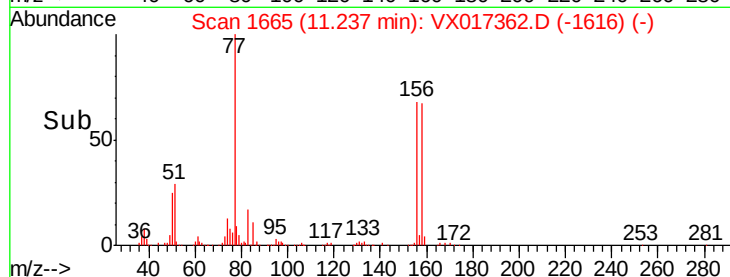
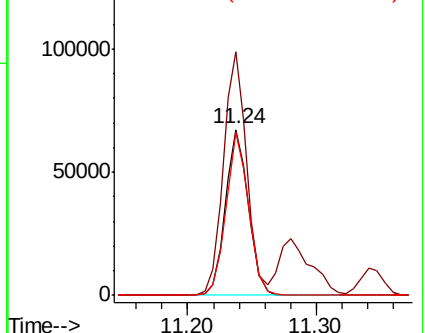
158 96.7 47.4 142.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.419 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017362.D

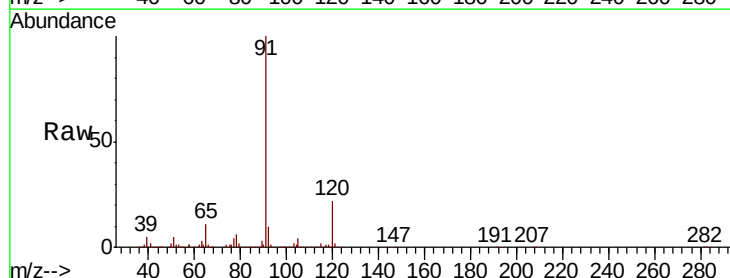
Acq: 13 Jul 2020 18:44

Tgt Ion: 91 Resp: 351859

Ion Ratio Lower Upper

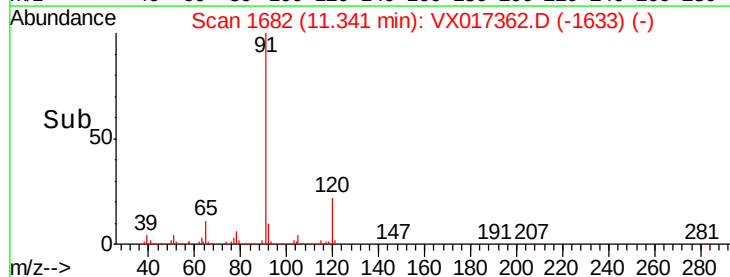
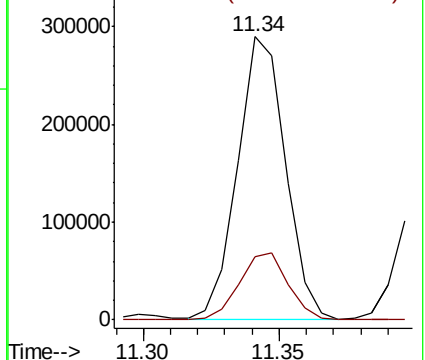
91 100

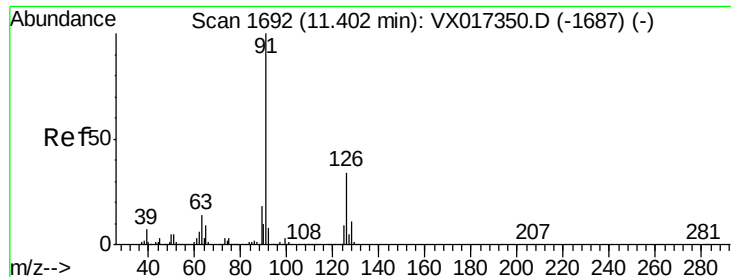
120 24.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.867 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

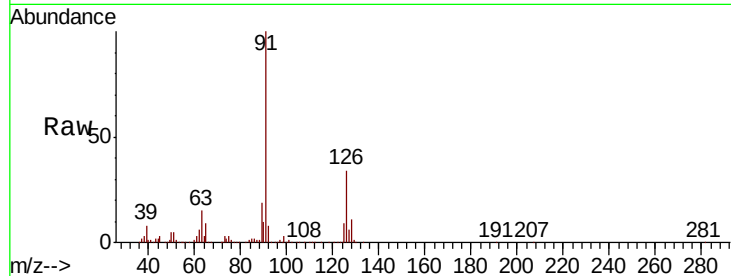
VX0713WBSD01

Tot Ion: 91 Resp: 210969

Ion Ratio Lower Upper

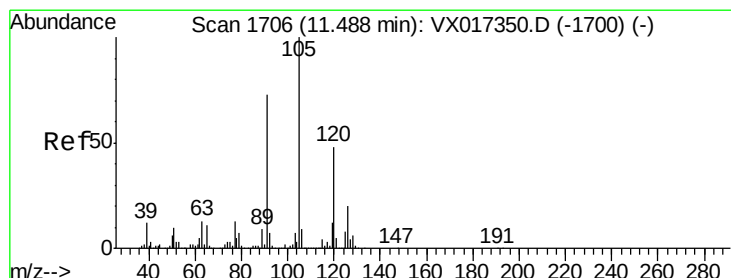
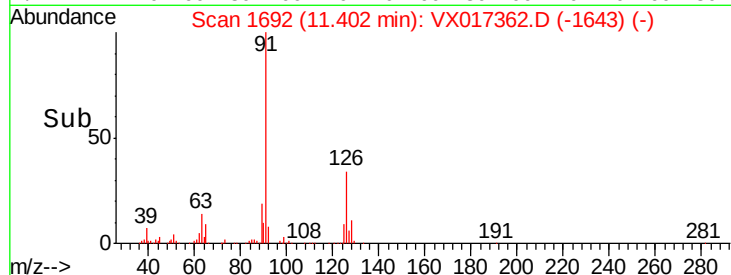
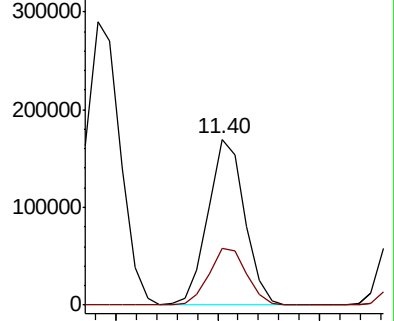
91 100

126 35.5 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.299 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX017362.D

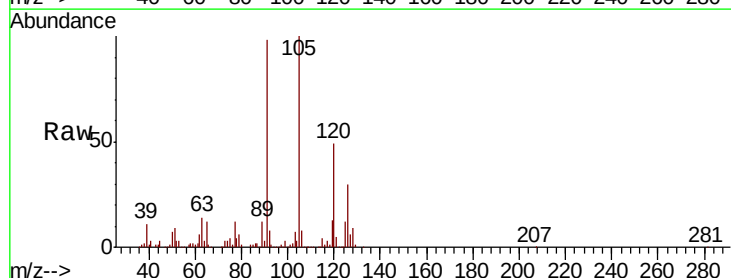
Acq: 13 Jul 2020 18:44

Tgt Ion:105 Resp: 264387

Ion Ratio Lower Upper

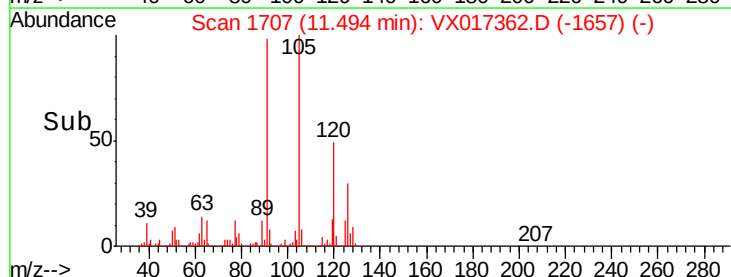
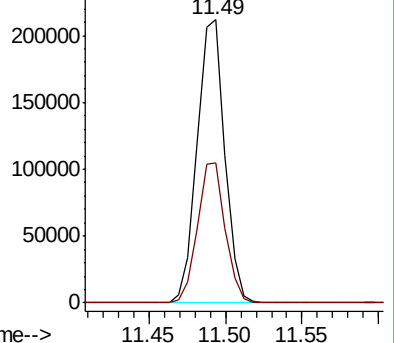
105 100

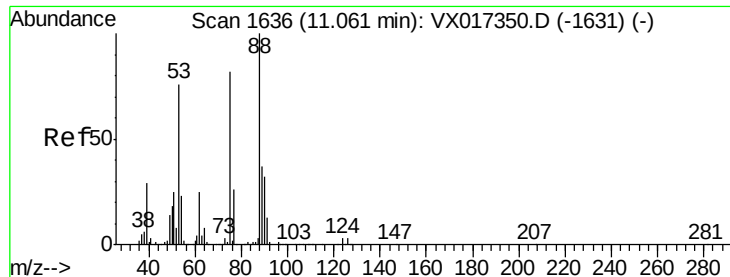
120 49.6 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.778 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBSD01

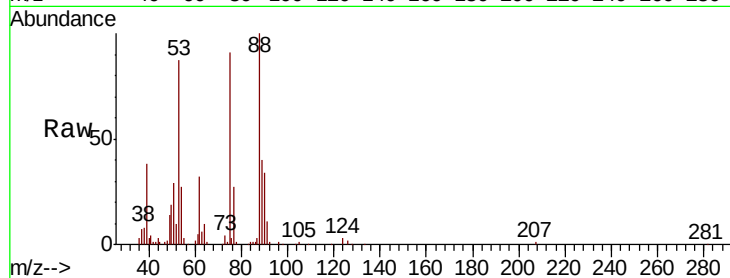
Tot Ion: 75 Resp: 33480

Ion Ratio Lower Upper

75 100

53 99.3 76.5 114.7

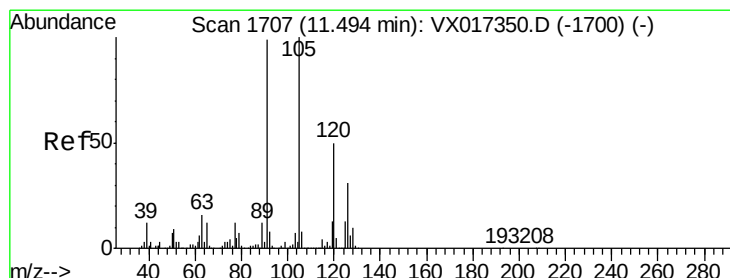
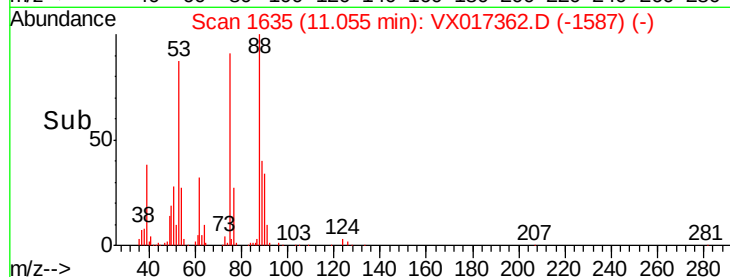
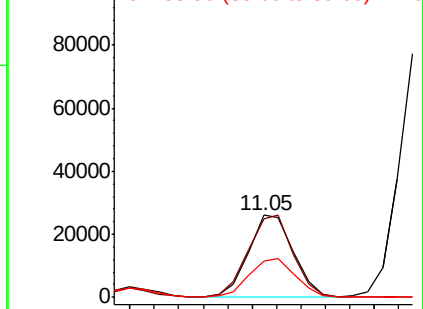
89 48.3 38.1 57.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.200 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017362.D

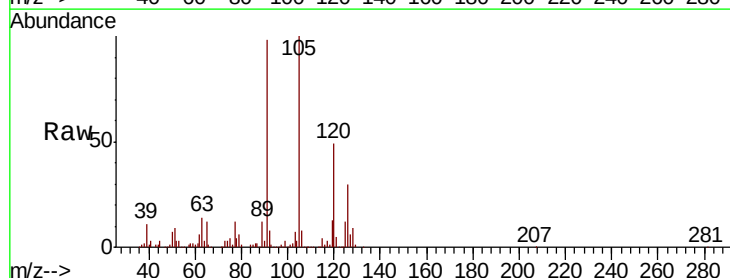
Acq: 13 Jul 2020 18:44

Tgt Ion: 91 Resp: 254215

Ion Ratio Lower Upper

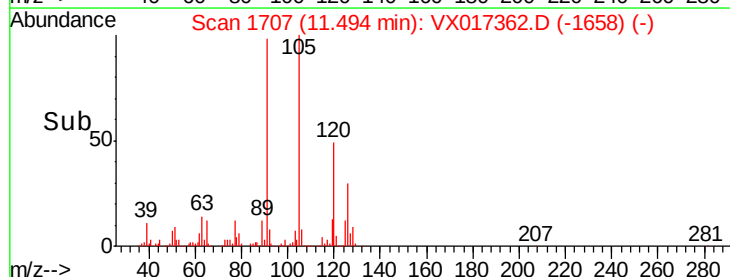
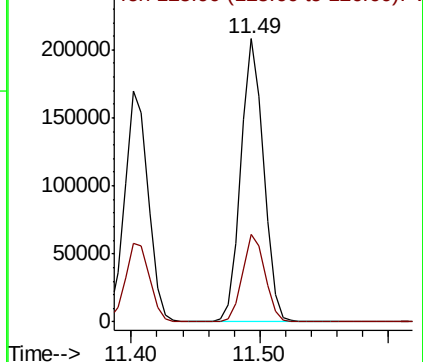
91 100

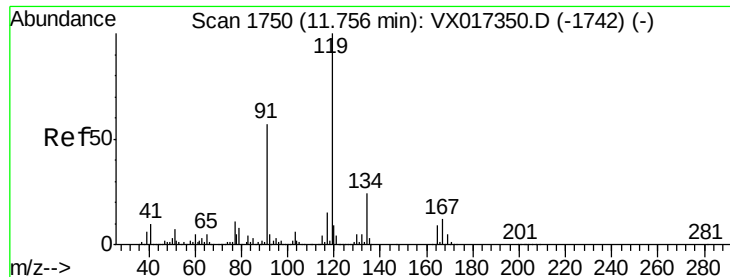
126 30.5 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

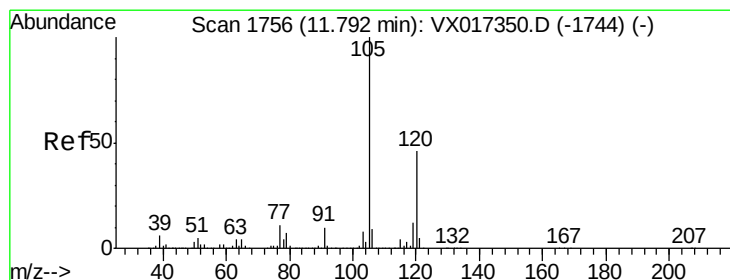
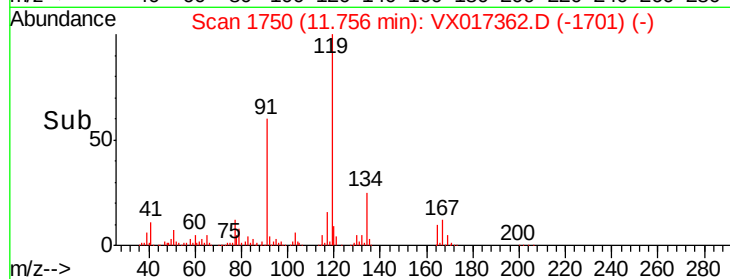
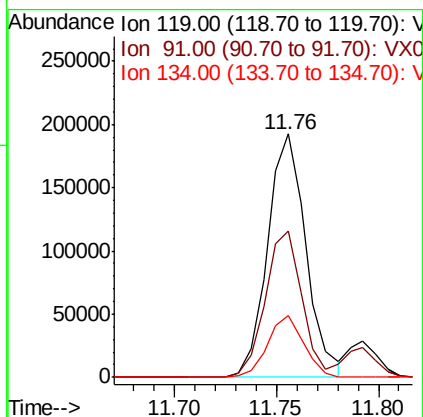
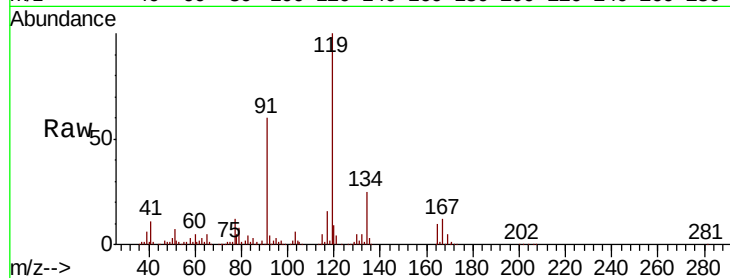




#83
 tert-Butylbenzene
 Concen: 20.012 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017362.D
 Acq: 13 Jul 2020 18:44

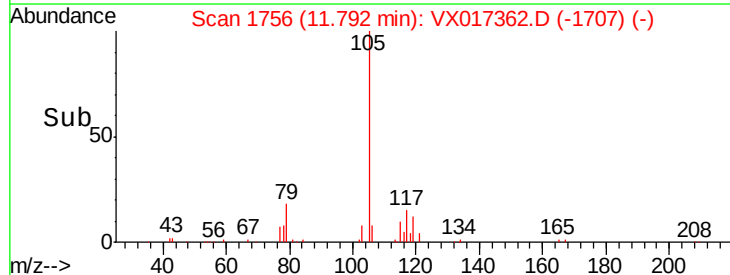
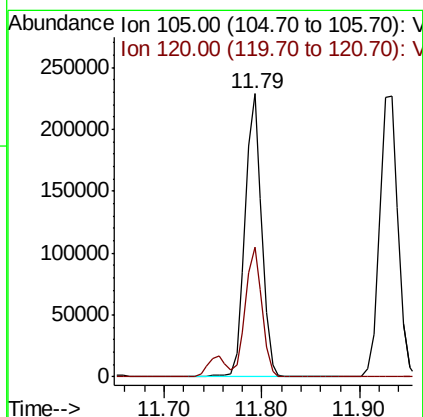
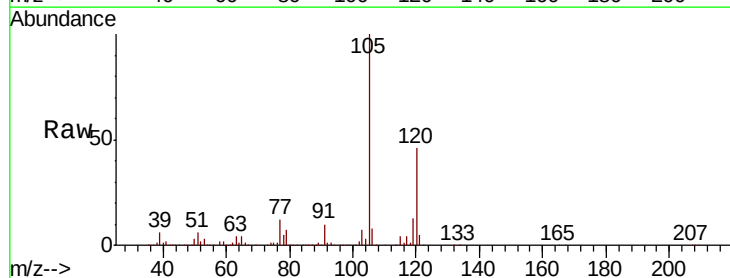
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0713WBSD01

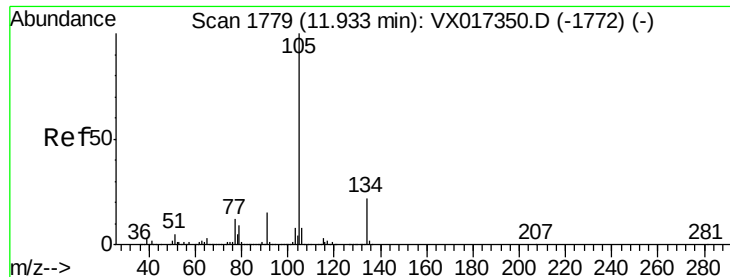
Tot Ion:119 Resp: 251958
 Ion Ratio Lower Upper
 119 100
 91 57.3 28.5 85.6
 134 23.9 11.9 35.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.489 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017362.D
 Acq: 13 Jul 2020 18:44

Tgt Ion:105 Resp: 269603
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.8 68.4





#85

sec-Butylbenzene

Concen: 19.998 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleID :

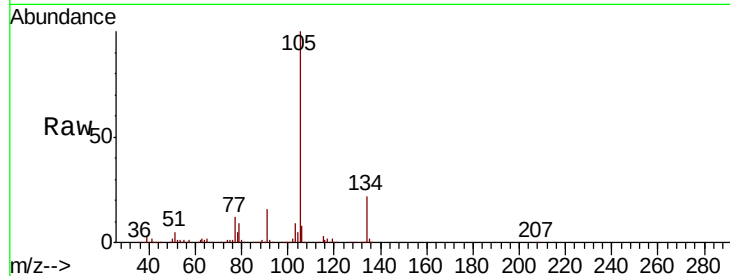
VX0713WBSD01

Tot Ion:105 Resp: 294773

Ion Ratio Lower Upper

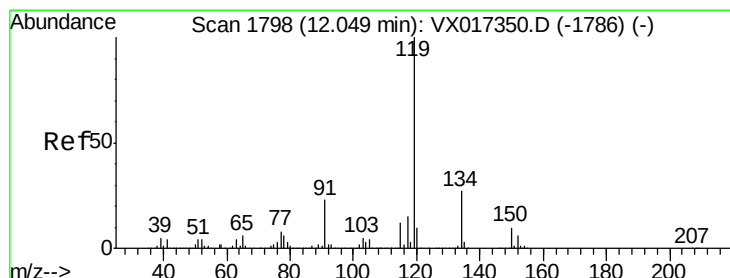
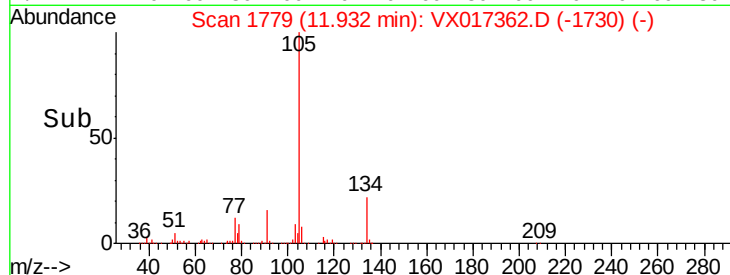
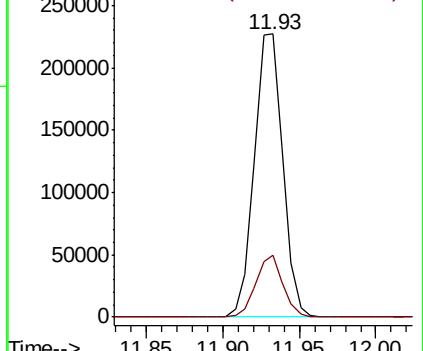
105 100

134 20.7 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.460 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

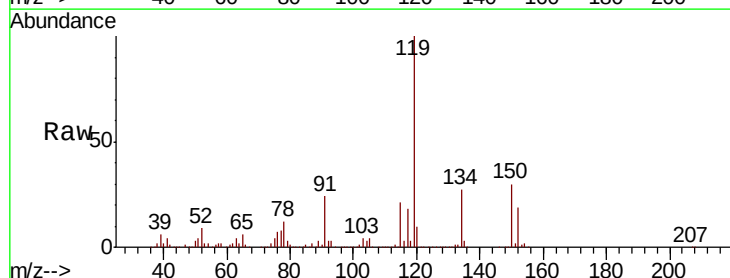
Tgt Ion:119 Resp: 285364

Ion Ratio Lower Upper

119 100

134 26.4 13.5 40.5

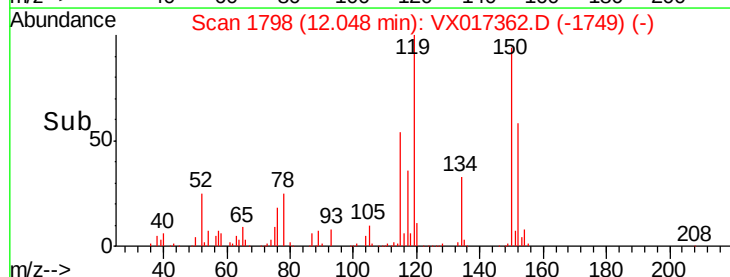
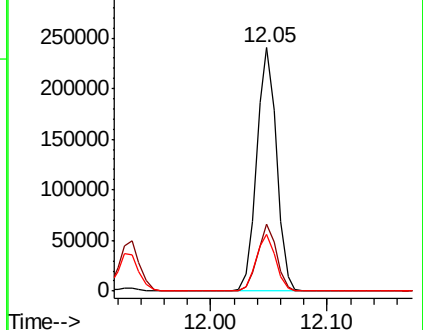
91 23.2 11.8 35.3

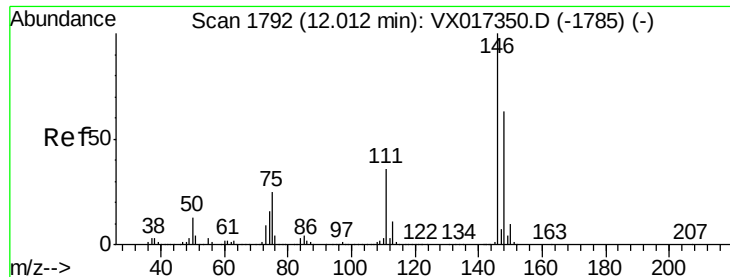


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

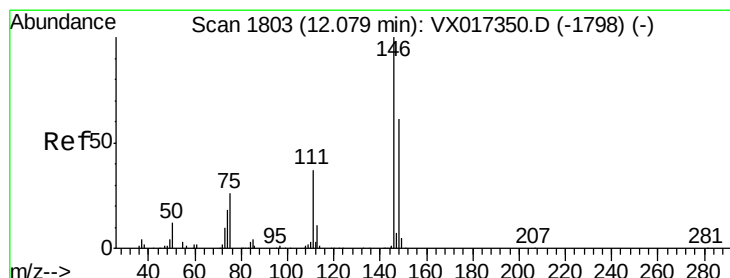
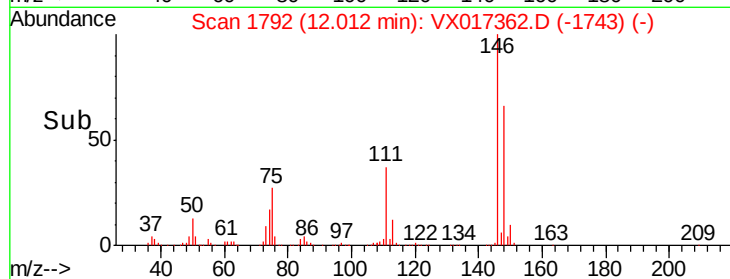
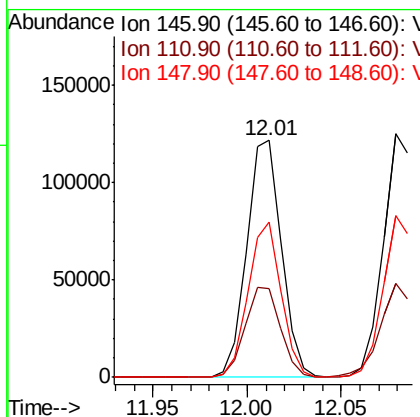
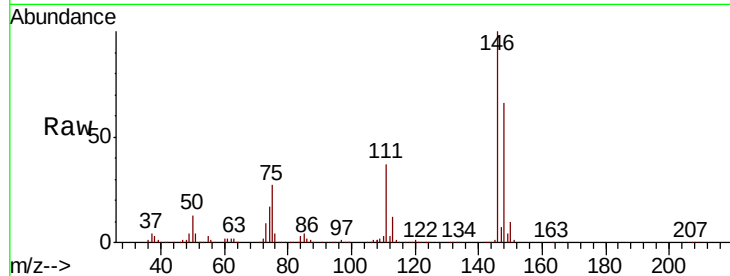




#87
 1,3-Dichlorobenzene
 Concen: 19.921 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017362.D
 Acq: 13 Jul 2020 18:44

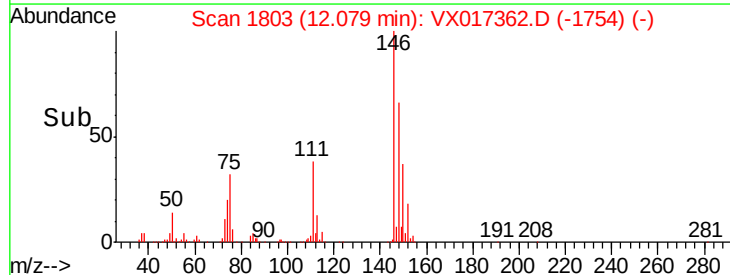
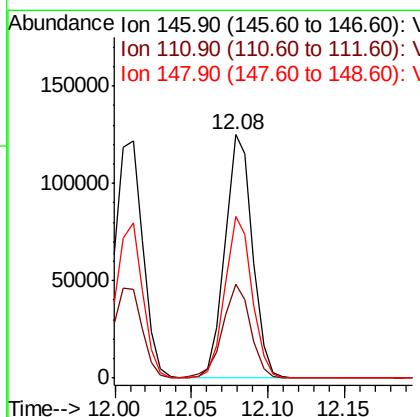
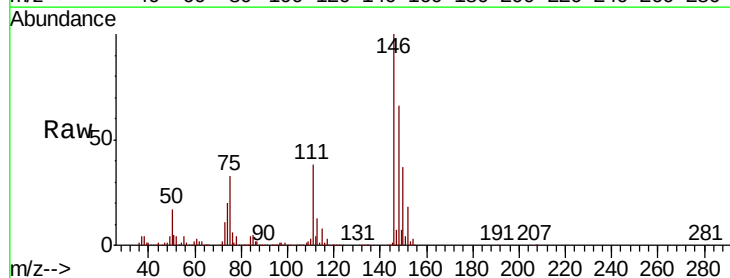
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBSD01

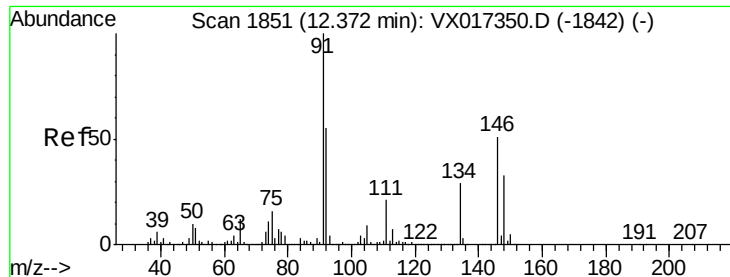
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.2	57.6
148	62.6	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 19.573 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017362.D
 Acq: 13 Jul 2020 18:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	18.9	56.9
148	65.9	31.9	95.9





#89

n-Butylbenzene

Concen: 19.663 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampled :

VX0713WBSD01

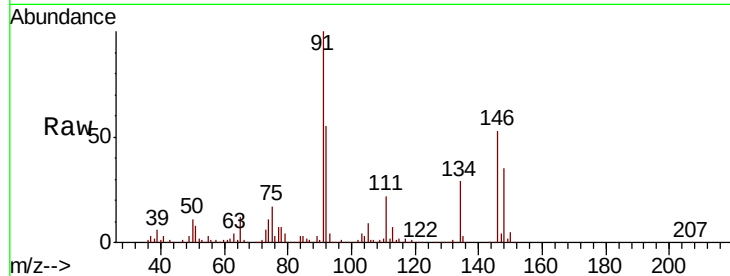
Tot Ion: 91 Resp: 233883

Ion Ratio Lower Upper

91 100

92 54.3 27.0 81.0

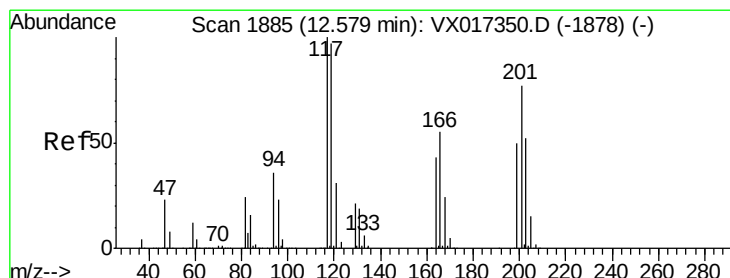
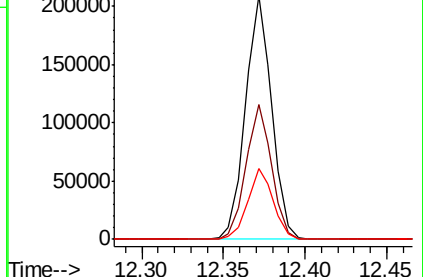
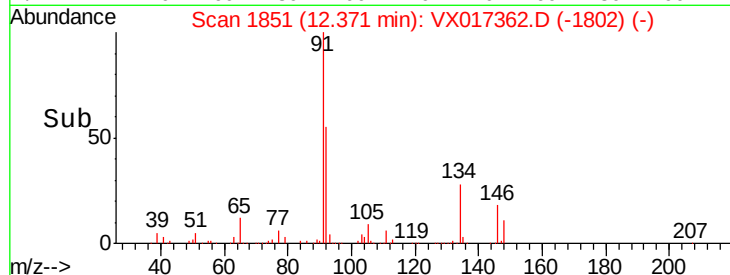
134 28.1 14.1 42.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 20.003 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX017362.D

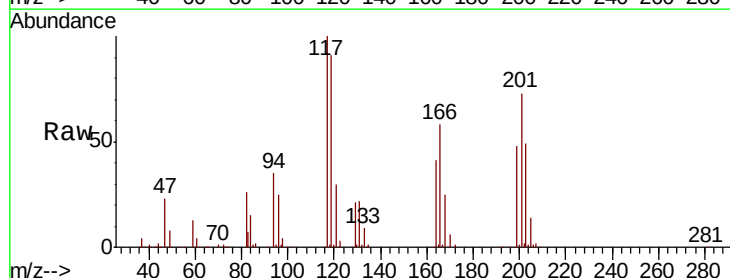
Acq: 13 Jul 2020 18:44

Tgt Ion: 117 Resp: 52964

Ion Ratio Lower Upper

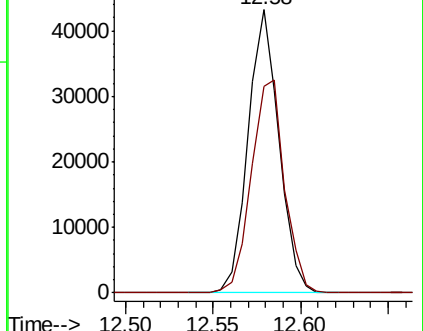
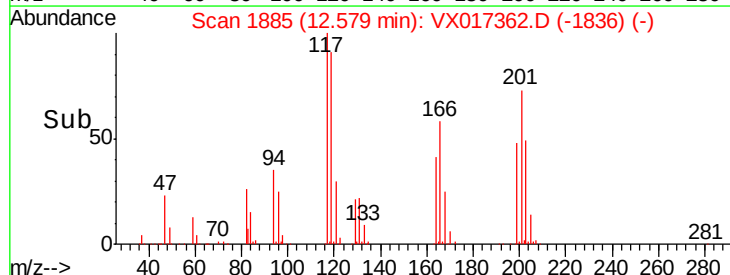
117 100

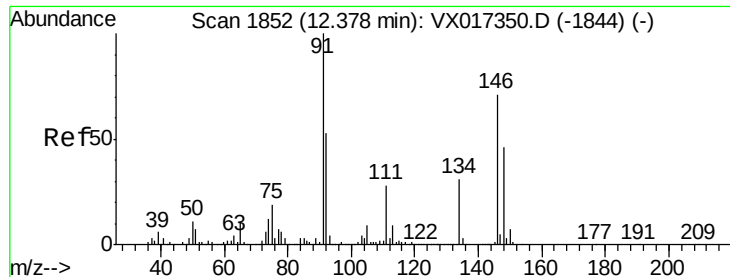
201 81.0 41.0 123.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

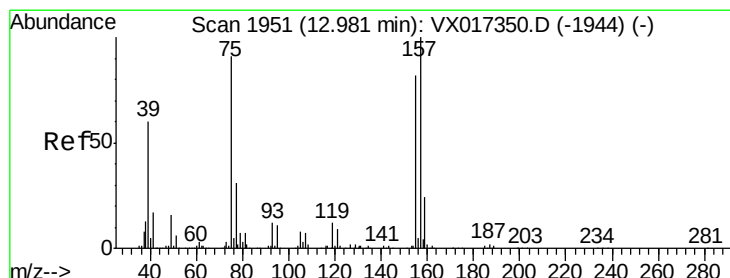
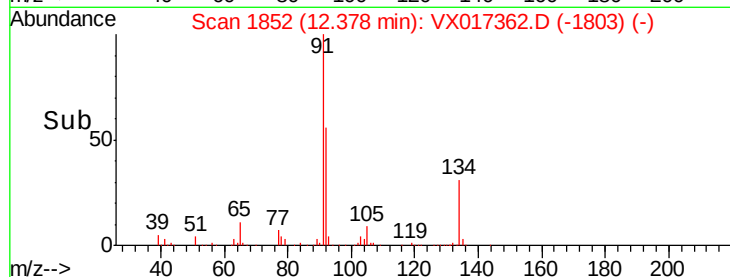
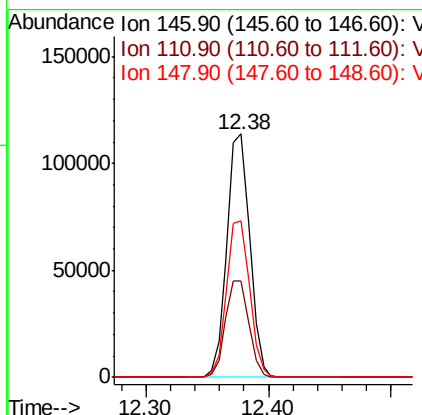
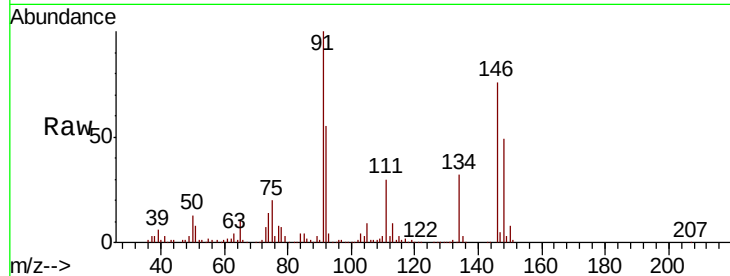




#91
 1,2-Dichlorobenzene
 Concen: 20.019 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017362.D
 Acq: 13 Jul 2020 18:44

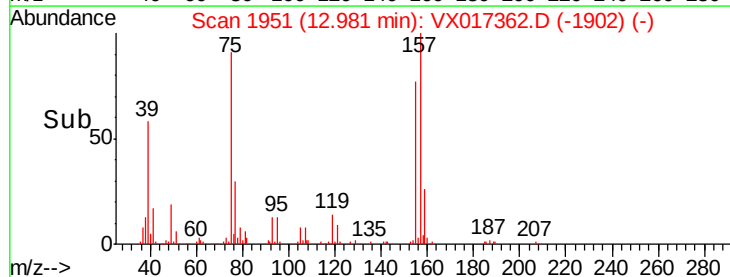
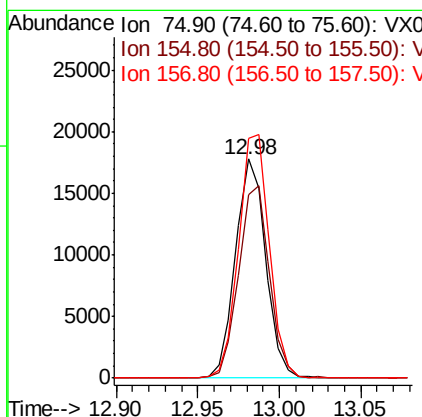
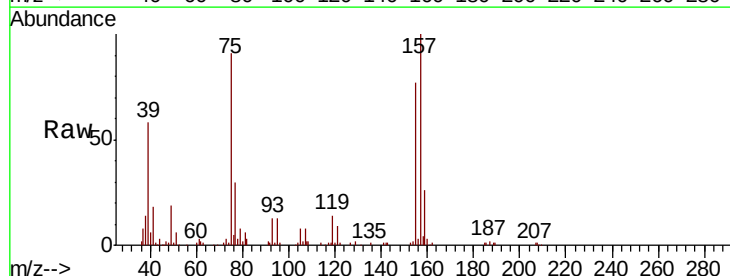
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBSD01

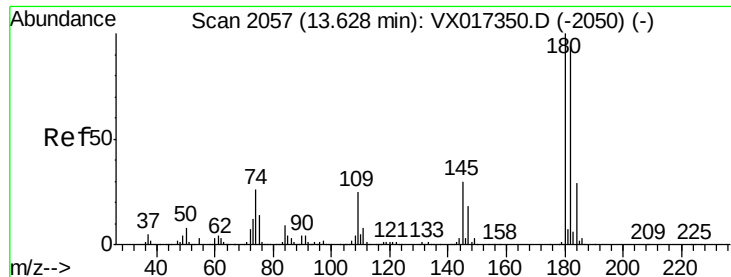
Tot Ion:146 Resp: 147071
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.3 61.0
 148 65.3 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.698 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017362.D
 Acq: 13 Jul 2020 18:44

Tgt Ion: 75 Resp: 22985
 Ion Ratio Lower Upper
 75 100
 155 89.4 46.5 139.3
 157 112.8 58.0 173.9

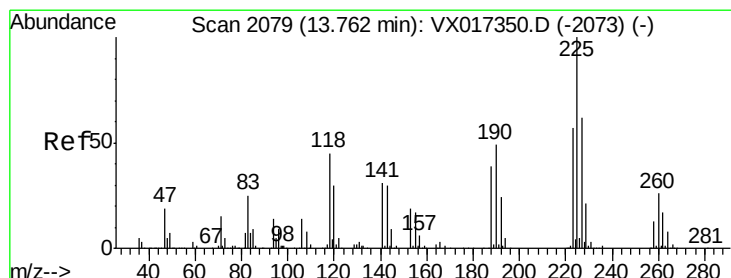
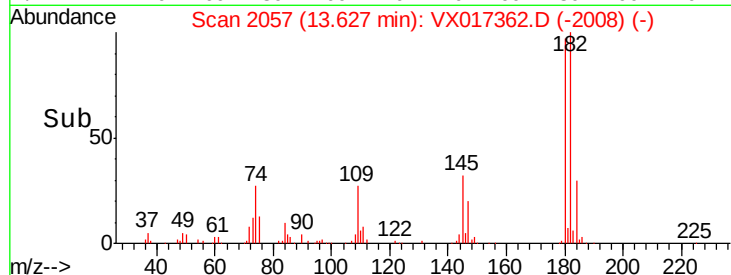
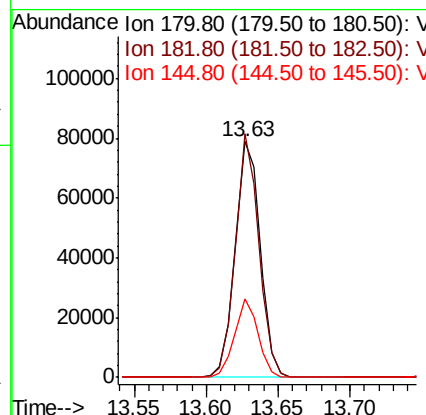
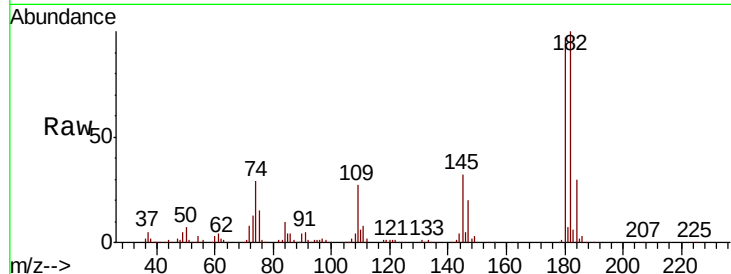




#93
 1,2,4-Trichlorobenzene
 Concen: 19.128 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017362.D
 Acq: 13 Jul 2020 18:44

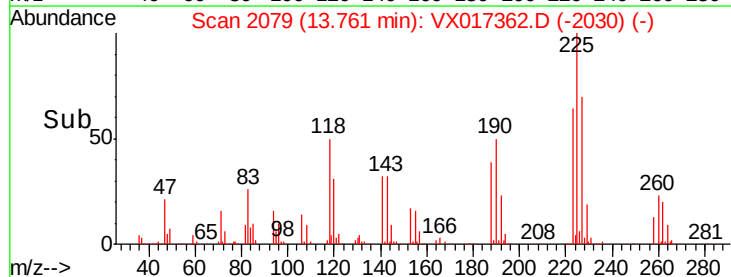
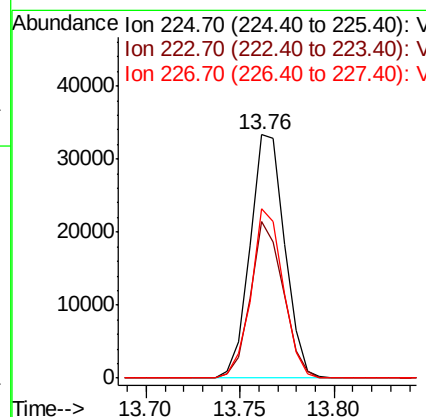
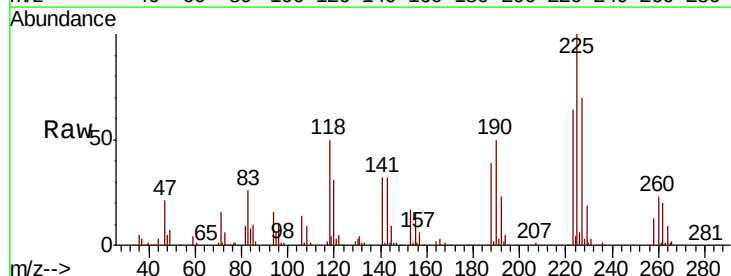
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0713WBSD01

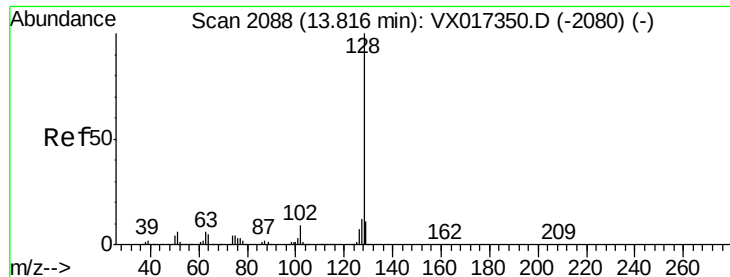
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	48.4	145.0
145	31.0	15.3	45.8



#94
 Hexachlorobutadiene
 Concen: 20.484 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX017362.D
 Acq: 13 Jul 2020 18:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.5	31.3	93.8
227	64.3	31.6	95.0





#95

Naphthalene

Concen: 20.385 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBSD01

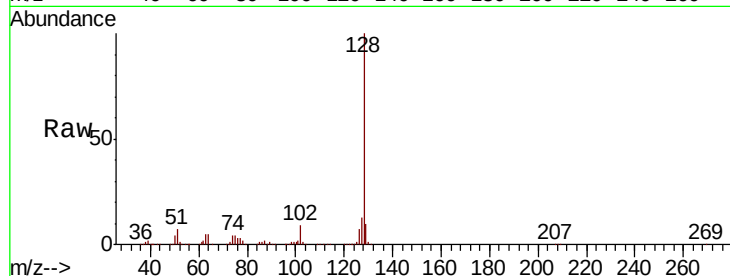
Tot Ion:128 Resp: 305657

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

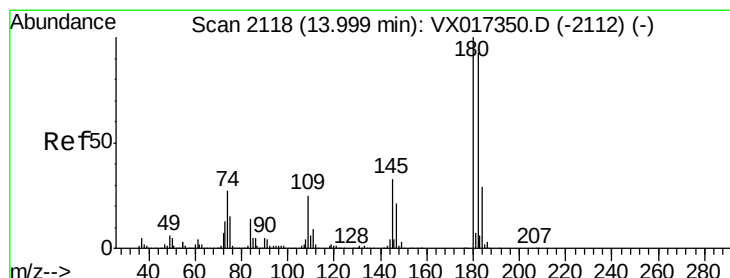
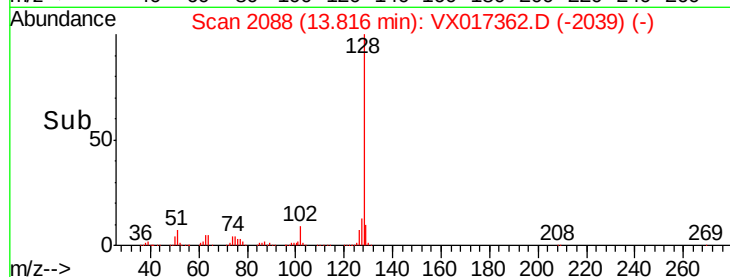
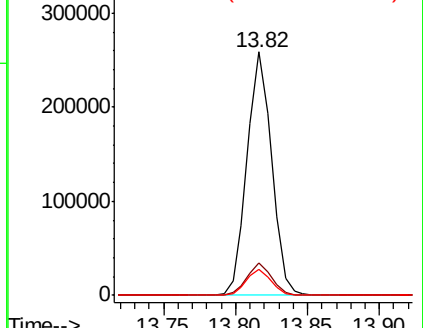
129 10.7 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.793 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

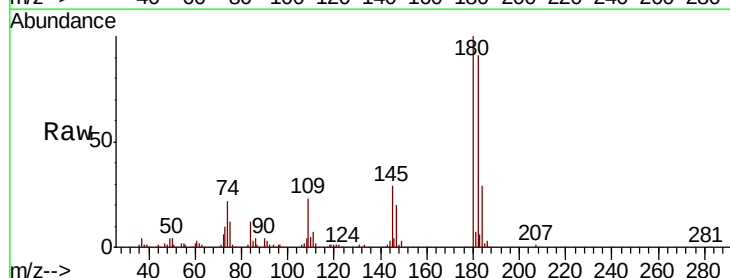
Tgt Ion:180 Resp: 97503

Ion Ratio Lower Upper

180 100

182 95.9 48.8 146.3

145 33.4 16.6 49.7



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

