

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070120\
 Data File : VX071116.D
 Acq On : 01 Jul 2020 22:50
 Operator : JC/SP
 Sample : VX0701WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBS02

Quant Time: Jul 02 01:41:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	240108	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	382053	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	367473	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	195099	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	154869	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
35) Dibromofluoromethane	5.47	113	126617	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
50) Toluene-d8	8.70	98	463142	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
62) 4-Bromofluorobenzene	11.12	95	181898	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	45555	19.611	ug/l	98
3) Chloromethane	1.32	50	48925	17.400	ug/l	99
4) Vinyl Chloride	1.39	62	49034	18.796	ug/l	99
5) Bromomethane	1.63	94	31689	22.992	ug/l	98
6) Chloroethane	1.72	64	29082	18.875	ug/l	96
7) Trichlorofluoromethane	1.92	101	78310	20.297	ug/l	99
8) Diethyl Ether	2.17	74	26970	20.989	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	46087	19.930	ug/l	98
10) Methyl Iodide	2.50	142	50629	16.968	ug/l	99
11) Tert butyl alcohol	3.01	59	55885	98.966	ug/l	98
12) 1,1-Dichloroethene	2.36	96	46251	19.470	ug/l	99
13) Acrolein	2.28	56	16391	48.557	ug/l	93
14) Allyl chloride	2.71	41	80739	18.391	ug/l	99
15) Acrylonitrile	3.12	53	132209	97.392	ug/l	99
16) Acetone	2.42	43	111326	100.536	ug/l	98
17) Carbon Disulfide	2.55	76	131851	19.904	ug/l	100
18) Methyl Acetate	2.75	43	58621	20.279	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	158633	19.897	ug/l	100
20) Methylene Chloride	2.84	84	53118	20.453	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	50695	19.230	ug/l	95
22) Diisopropyl ether	3.82	45	162910	20.049	ug/l	96
23) Vinyl Acetate	3.79	43	707700	101.356	ug/l	98
24) 1,1-Dichloroethane	3.67	63	90780	19.635	ug/l	99
25) 2-Butanone	4.64	43	184872	100.197	ug/l	99
26) 2,2-Dichloropropane	4.55	77	70171	17.094	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	57998	19.417	ug/l	98
28) Bromochloromethane	4.98	49	42596	18.933	ug/l	99
29) Tetrahydrofuran	5.09	42	121865	99.964	ug/l	100
30) Chloroform	5.18	83	94983	20.041	ug/l	96
31) Cyclohexane	5.55	56	74640	18.677	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	87466	20.039	ug/l	99
36) 1,1-Dichloropropene	5.78	75	69013	19.113	ug/l	99
37) Ethyl Acetate	4.79	43	73358	20.023	ug/l	100
38) Carbon Tetrachloride	5.76	117	79523	19.995	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070120\
 Data File : VX017116.D
 Acq On : 01 Jul 2020 22:50
 Operator : JC/SP
 Sample : VX0701WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBS02

Quant Time: Jul 02 01:41:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	74413	18.522	ug/l	98
40) Benzene	6.12	78	206718	19.485	ug/l	98
41) Methacrylonitrile	5.00	41	41530	20.141	ug/l	97
42) 1,2-Dichloroethane	6.17	62	76288	19.907	ug/l	98
43) Isopropyl Acetate	6.42	43	117385	19.282	ug/l	99
44) Trichloroethene	7.19	130	58053	19.641	ug/l	100
45) 1,2-Dichloropropane	7.49	63	53702	19.708	ug/l	98
46) Dibromomethane	7.64	93	37415	20.112	ug/l	99
47) Bromodichloromethane	7.88	83	74941	19.547	ug/l	99
48) Methyl methacrylate	7.74	41	56817	19.644	ug/l	98
49) 1,4-Dioxane	7.71	88	23976	365.908	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	367118	101.163	ug/l	99
52) Toluene	8.77	92	130575	19.713	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	79677	18.836	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	85837	18.930	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	54259	20.049	ug/l	98
56) Ethyl methacrylate	9.16	69	75941	19.715	ug/l	99
57) 1,3-Dichloropropane	9.35	76	89517	19.548	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	187289	97.694	ug/l	100
59) 2-Hexanone	9.47	43	275397	103.909	ug/l	99
60) Dibromochloromethane	9.57	129	63188	20.103	ug/l	98
61) 1,2-Dibromoethane	9.65	107	57341	19.712	ug/l	99
64) Tetrachloroethene	9.32	164	55843	18.829	ug/l	93
65) Chlorobenzene	10.12	112	143442	18.913	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	56087	19.189	ug/l	99
67) Ethyl Benzene	10.24	91	243866	19.254	ug/l	100
68) m/p-Xylenes	10.34	106	190379	39.146	ug/l	100
69) o-Xylene	10.68	106	88555	19.141	ug/l	97
70) Styrene	10.70	104	154095	19.559	ug/l	99
71) Bromoform	10.84	173	47434	20.464	ug/l #	100
73) Isopropylbenzene	11.00	105	239943	18.776	ug/l	99
74) N-amyl acetate	10.88	43	99211	18.195	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	76340	18.991	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	90266	23.528	ug/l	88
77) Bromobenzene	11.24	156	66129	18.828	ug/l	98
78) n-propylbenzene	11.34	91	273483	18.925	ug/l	99
79) 2-Chlorotoluene	11.40	91	168527	19.269	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	208378	19.658	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	26441	17.848	ug/l	97
82) 4-Chlorotoluene	11.49	91	199769	19.107	ug/l	99
83) tert-Butylbenzene	11.76	119	198253	19.053	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	211711	19.687	ug/l	100
85) sec-Butylbenzene	11.93	105	231641	18.938	ug/l	99
86) p-Isopropyltoluene	12.05	119	218249	19.167	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	119476	18.730	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	119235	19.705	ug/l	98
89) n-Butylbenzene	12.37	91	181998	17.901	ug/l	99
90) Hexachloroethane	12.58	117	41016	18.266	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	113613	19.054	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18169	18.947	ug/l	97

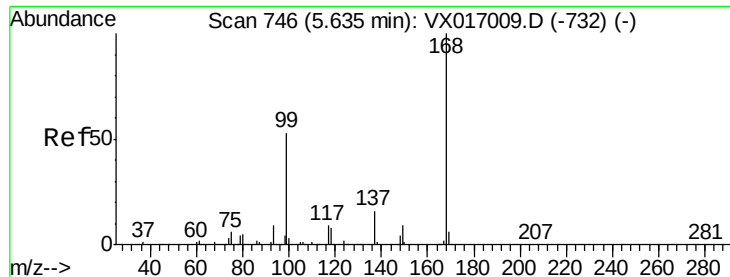
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070120\
Data File : VX017116.D
Acq On : 01 Jul 2020 22:50
Operator : JC/SP
Sample : VX0701WBS02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBS02

Quant Time: Jul 02 01:41:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	74336	18.266	ug/l	99
94) Hexachlorobutadiene	13.77	225	28077	18.715	ug/l	96
95) Naphthalene	13.82	128	235610	19.043	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	75370	19.137	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017116.D

Acq: 01 Jul 2020 22:50

Instrument :

MSVOA_X

ClientSampleId :

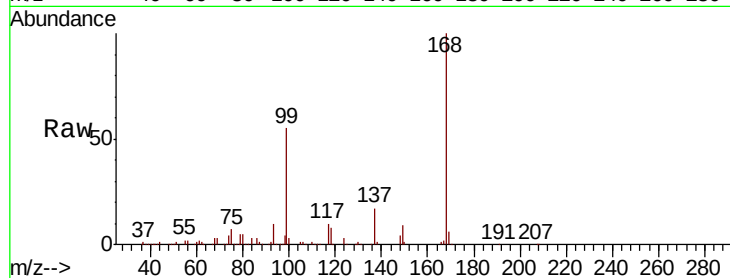
VX0701WBS02

Tot Ion:168 Resp: 240108

Ion Ratio Lower Upper

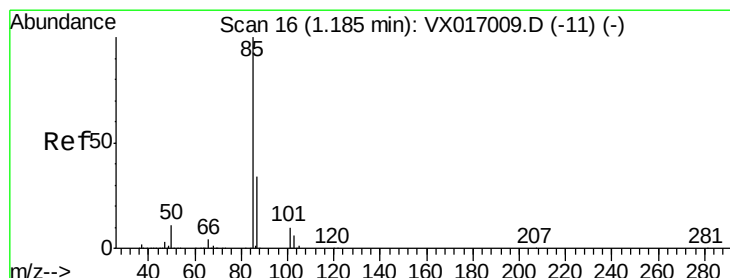
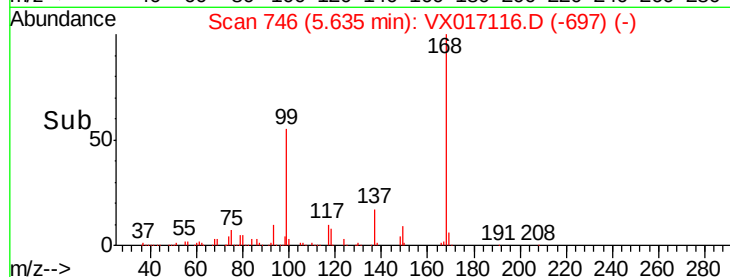
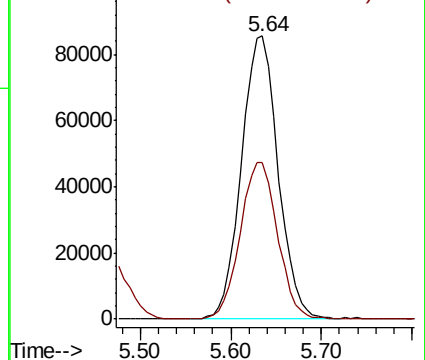
168 100

99 55.1 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.611 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017116.D

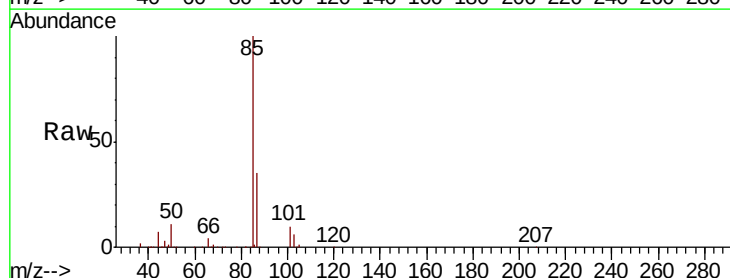
Acq: 01 Jul 2020 22:50

Tgt Ion: 85 Resp: 45555

Ion Ratio Lower Upper

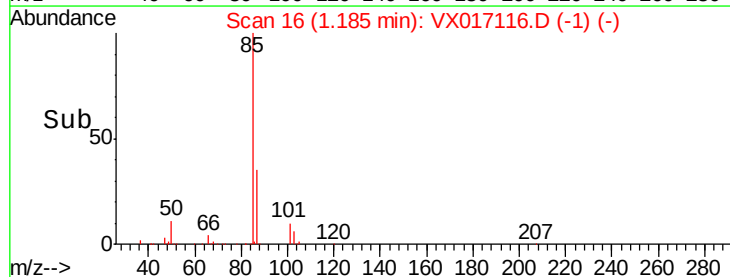
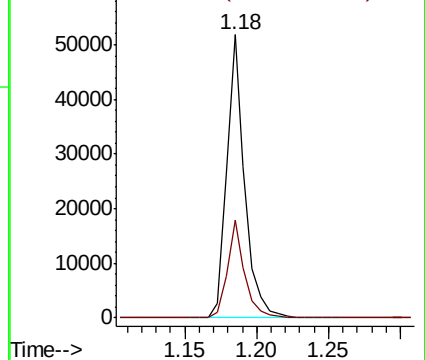
85 100

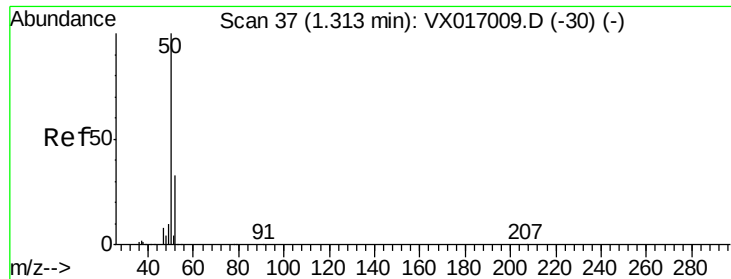
87 34.7 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.400 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017116.D

Acq: 01 Jul 2020 22:50

Instrument :

MSVOA_X

ClientSampleId :

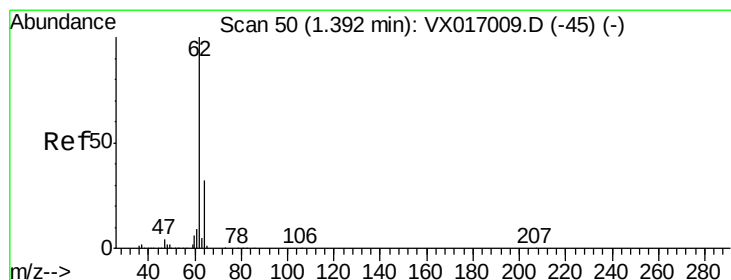
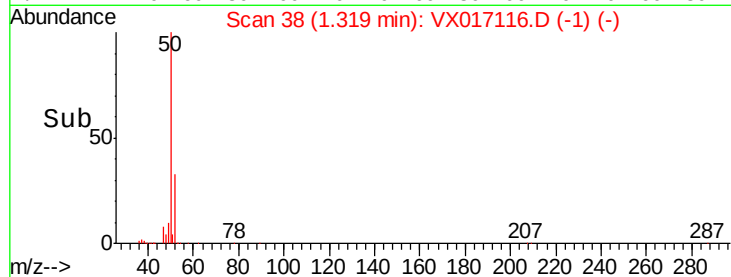
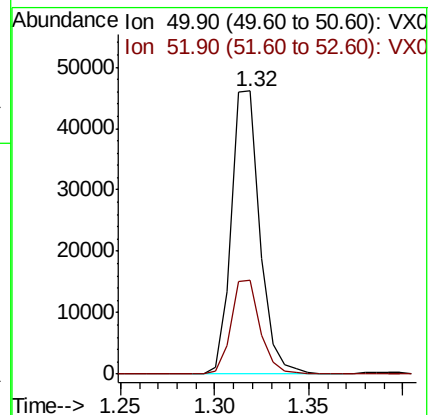
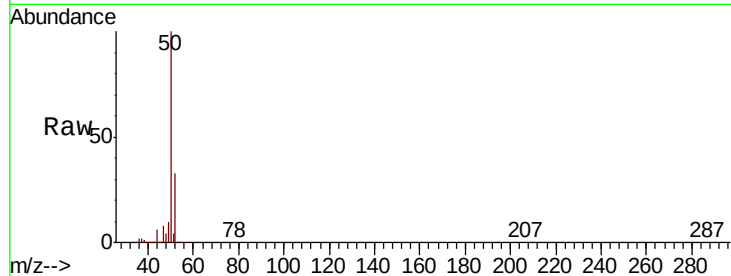
VX0701WBS02

Tot Ion: 50 Resp: 48925

Ion Ratio Lower Upper

50 100

52 33.3 26.1 39.1



#4

Vinyl Chloride

Concen: 18.796 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017116.D

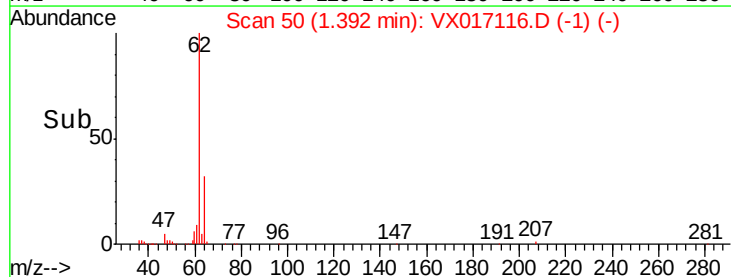
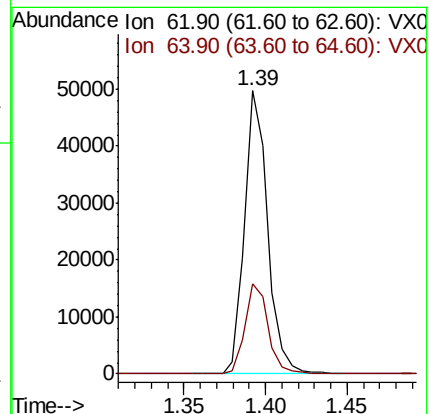
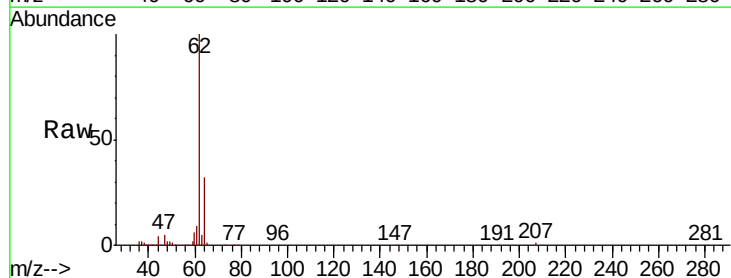
Acq: 01 Jul 2020 22:50

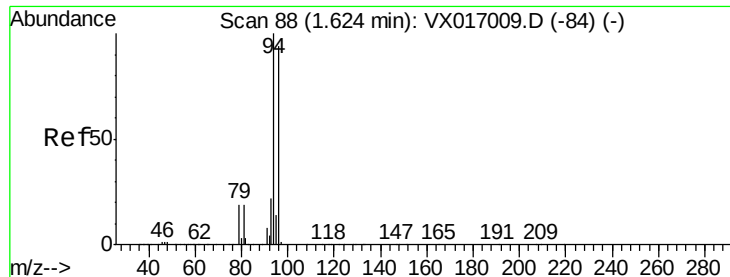
Tgt Ion: 62 Resp: 49034

Ion Ratio Lower Upper

62 100

64 32.1 25.9 38.9





#5

Bromomethane

Concen: 22.992 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017116.D

Acq: 01 Jul 2020 22:50

Instrument :

MSVOA_X

ClientSampleId :

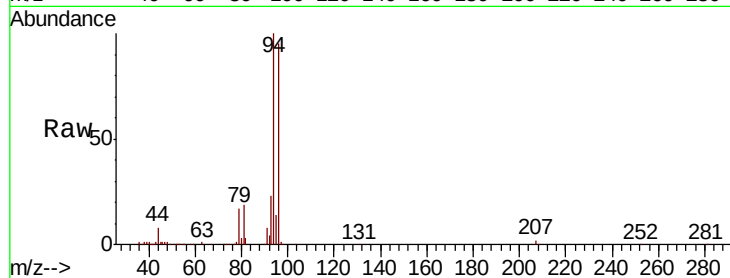
VX0701WBS02

Tot Ion: 94 Resp: 31689

Ion Ratio Lower Upper

94 100

96 95.6 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

25000

20000

15000

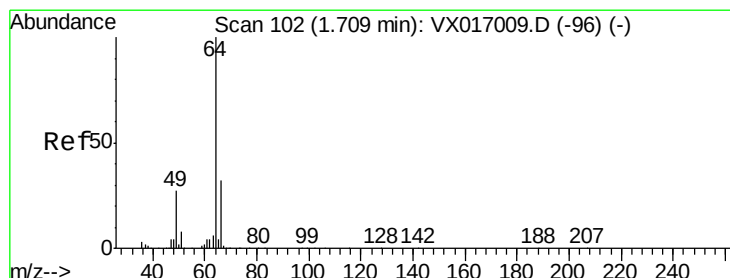
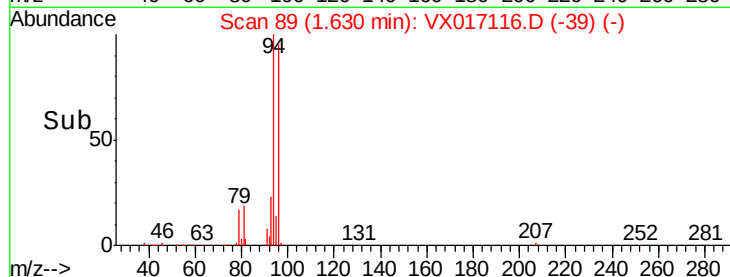
10000

5000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 18.875 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017116.D

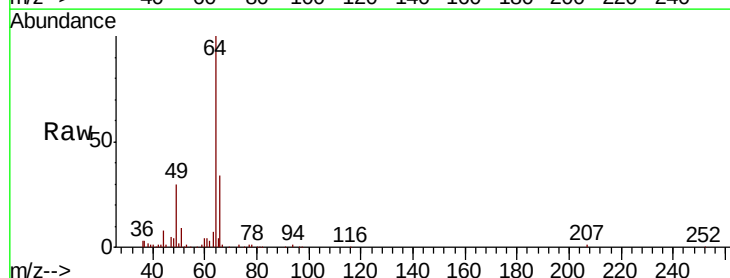
Acq: 01 Jul 2020 22:50

Tgt Ion: 64 Resp: 29082

Ion Ratio Lower Upper

64 100

66 34.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

25000

20000

15000

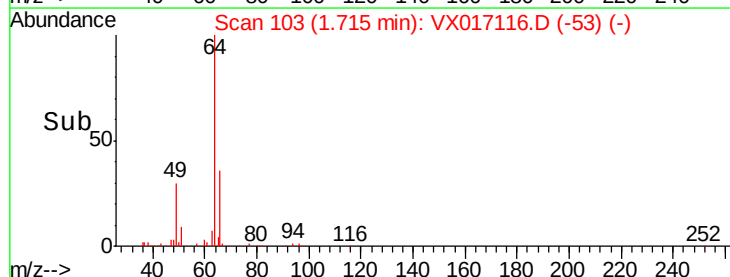
10000

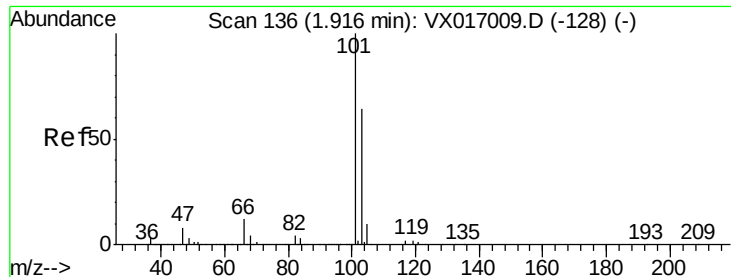
5000

0

Time-->

1.65 1.70 1.75 1.80



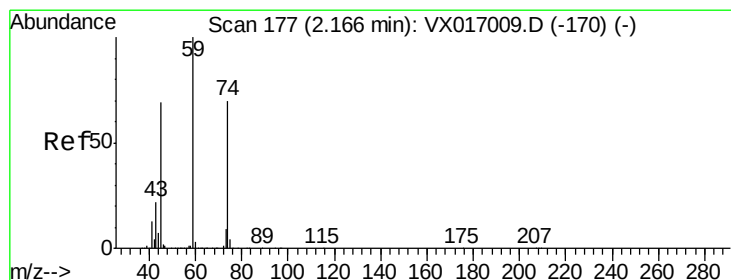
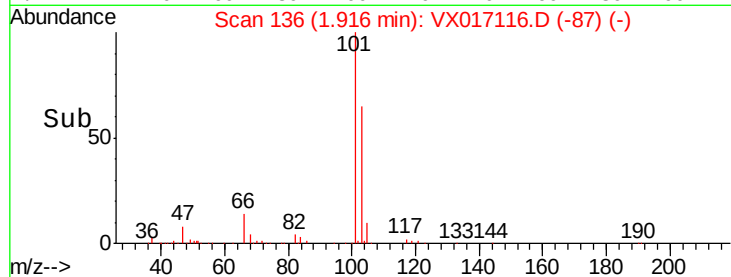
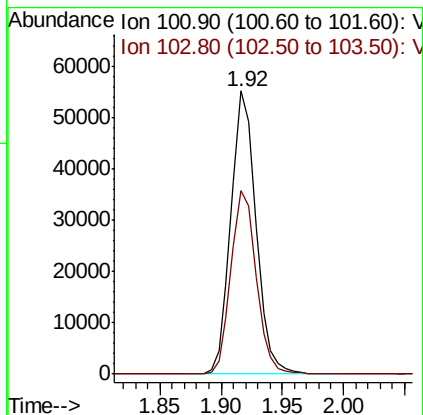
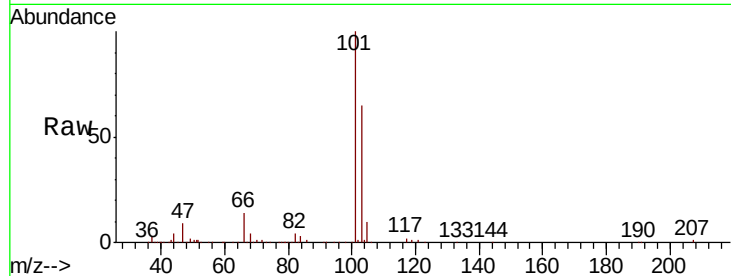


#7

Trichlorofluoromethane
 Concen: 20.297 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX017116.D
 Acq: 01 Jul 2020 22:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBS02

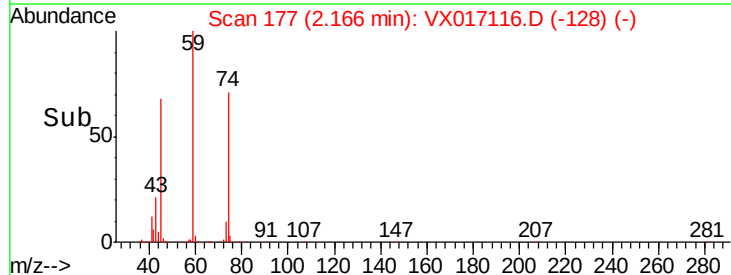
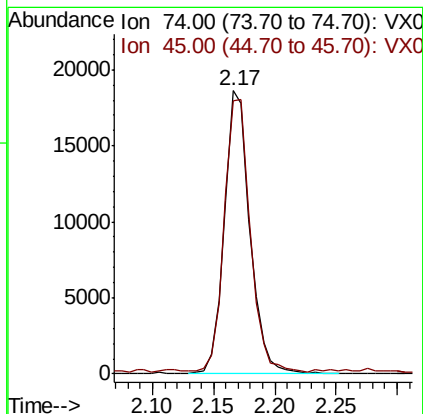
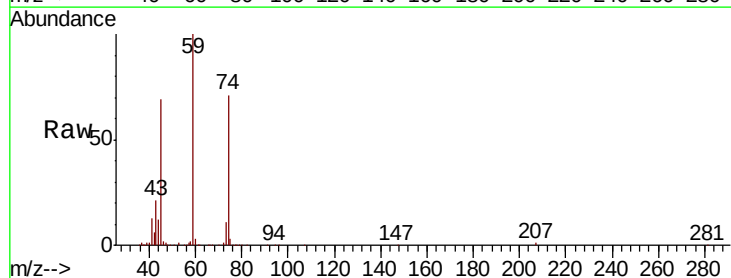
Tot Ion:101 Resp: 78310
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.5 77.3

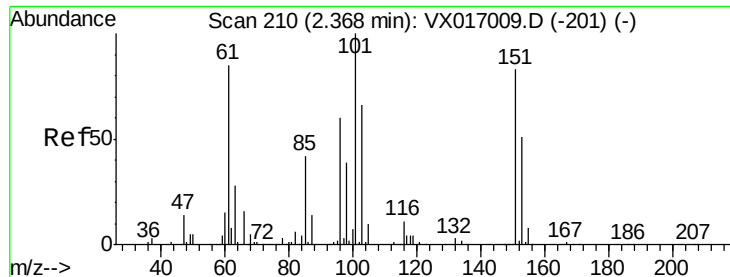


#8

Diethyl Ether
 Concen: 20.989 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017116.D
 Acq: 01 Jul 2020 22:50

Tgt Ion: 74 Resp: 26970
 Ion Ratio Lower Upper
 74 100
 45 97.2 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.930 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017116.D

Acq: 01 Jul 2020 22:50

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBS02

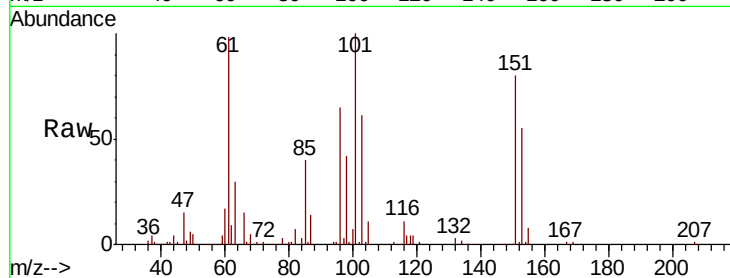
Tot Ion:101 Resp: 46087

Ion Ratio Lower Upper

101 100

85 43.4 33.5 50.3

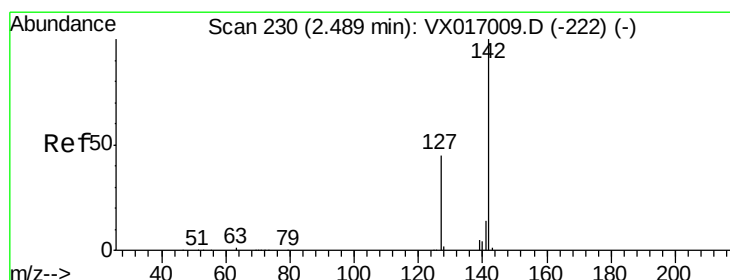
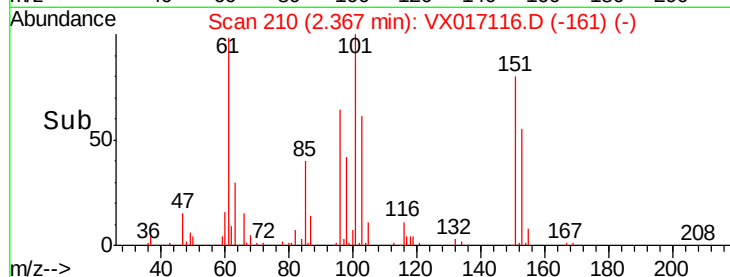
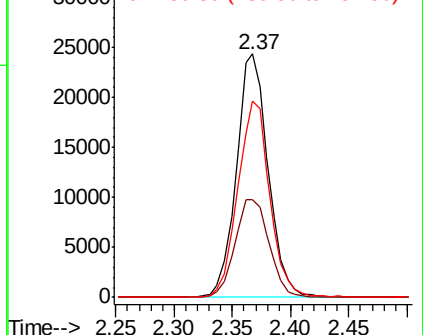
151 81.4 63.8 95.6



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: 16.968 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX017116.D

Acq: 01 Jul 2020 22:50

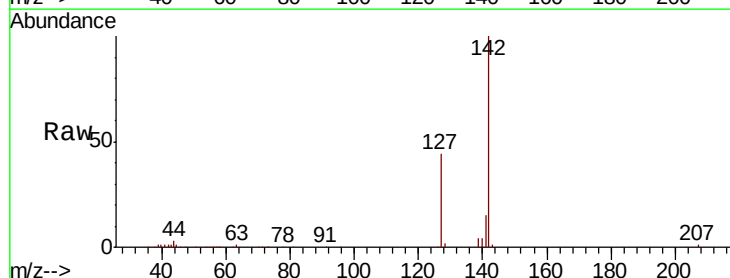
Tgt Ion:142 Resp: 50629

Ion Ratio Lower Upper

142 100

127 44.9 36.6 54.8

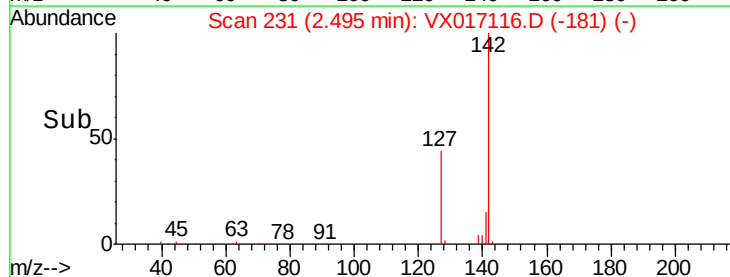
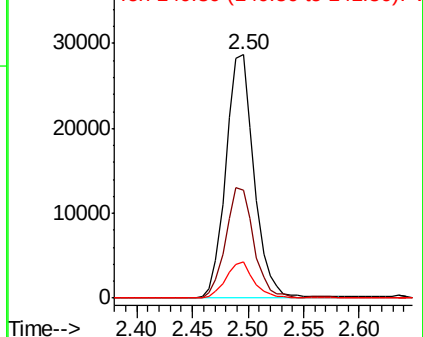
141 14.7 11.6 17.4

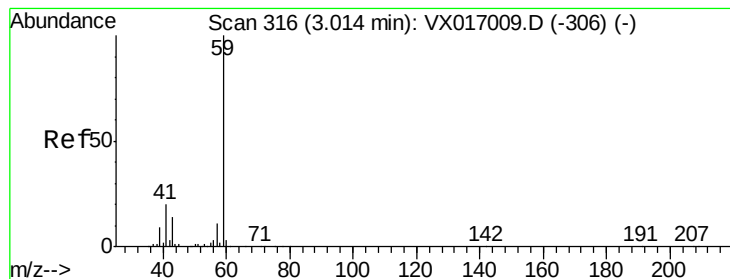


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



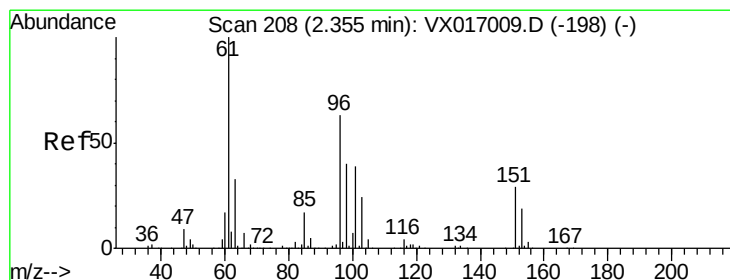
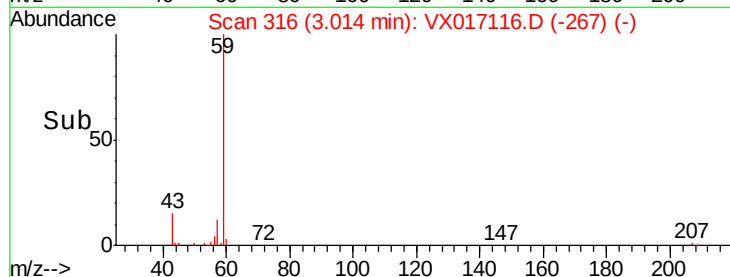
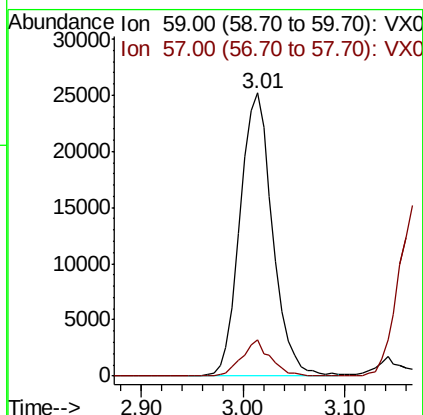
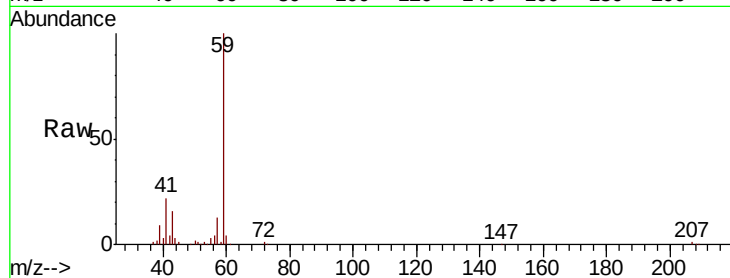


#11

Tert butyl alcohol
 Concen: 98.966 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX017116.D
 Acq: 01 Jul 2020 22:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBS02

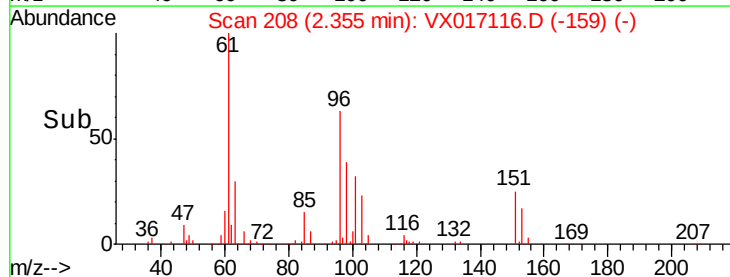
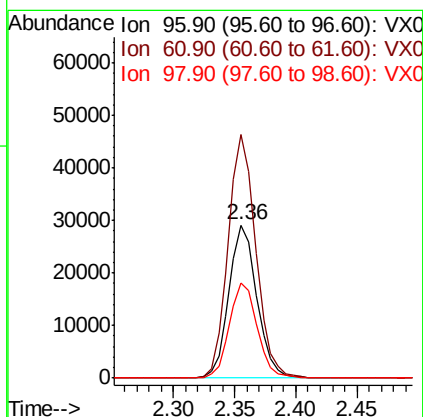
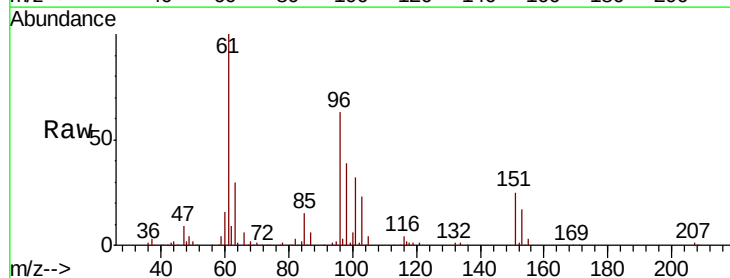
Tot Ion: 59 Resp: 55885
 Ion Ratio Lower Upper
 59 100
 57 11.1 8.2 12.2

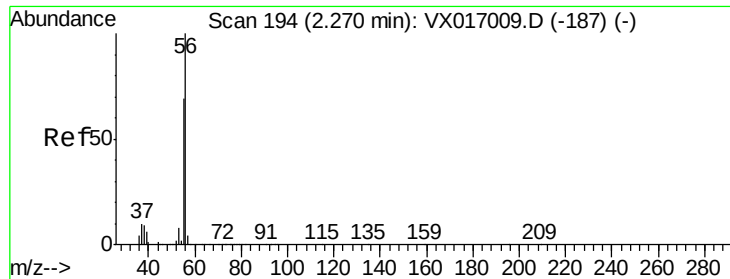


#12

1,1-Dichloroethene
 Concen: 19.470 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX017116.D
 Acq: 01 Jul 2020 22:50

Tgt Ion: 96 Resp: 46251
 Ion Ratio Lower Upper
 96 100
 61 158.9 126.3 189.5
 98 62.0 51.0 76.6





#13

Acrolein

Concen: 48.557 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX017116.D

Acq: 01 Jul 2020 22:50

Instrument :

MSVOA_X

ClientSampleId :

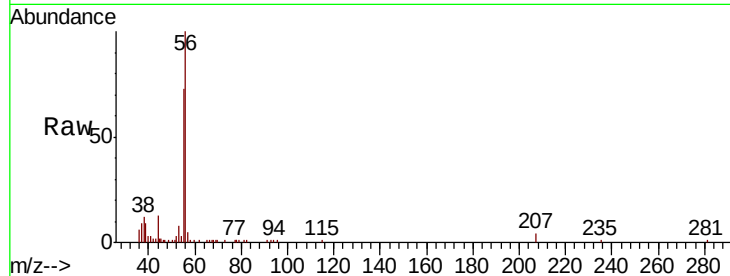
VX0701WBS02

Tot Ion: 56 Resp: 16391

Ion Ratio Lower Upper

56 100

55 75.5 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

12000

10000

8000

6000

4000

2000

0

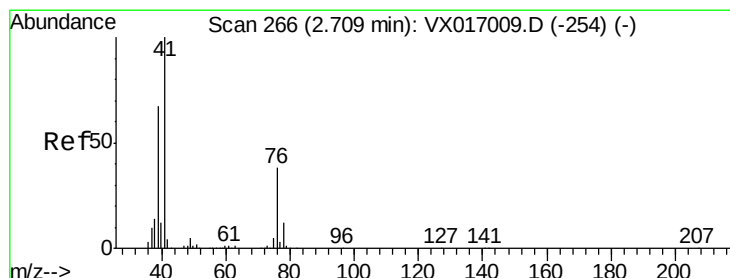
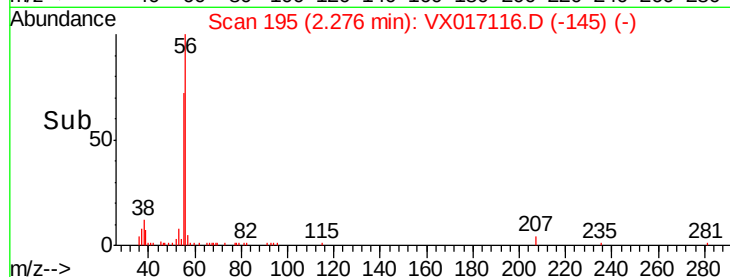
Time-->

2.20

2.25

2.30

2.35



#14

Allyl chloride

Concen: 18.391 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017116.D

Acq: 01 Jul 2020 22:50

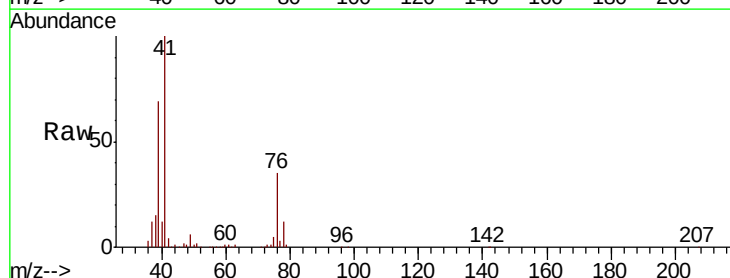
Tgt Ion: 41 Resp: 80739

Ion Ratio Lower Upper

41 100

39 62.7 49.4 74.2

76 32.8 26.8 40.2



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

50000

40000

30000

20000

10000

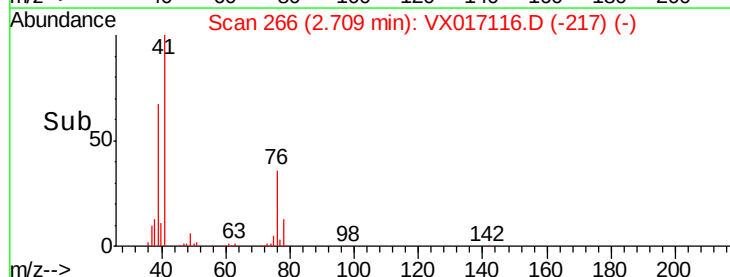
0

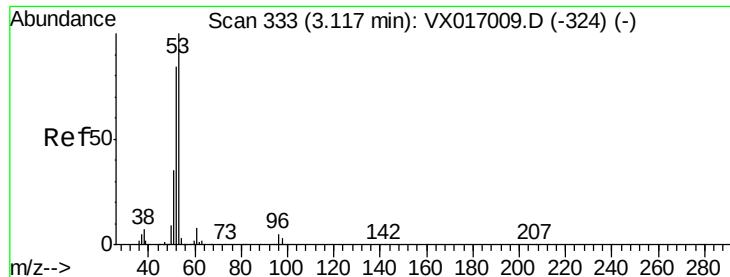
Time-->

2.60

2.70

2.80

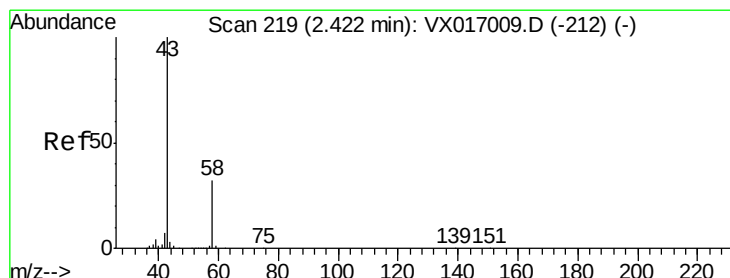
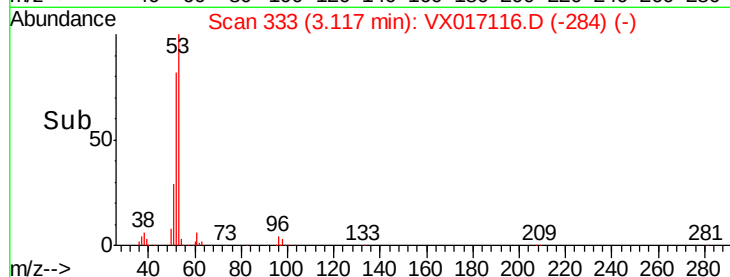
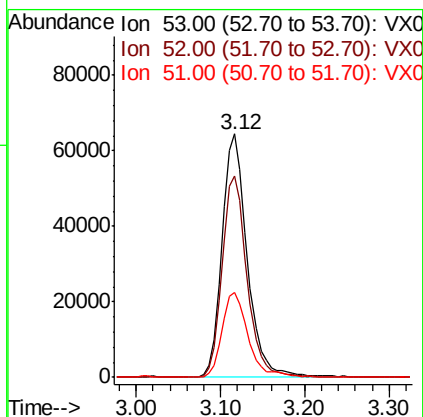
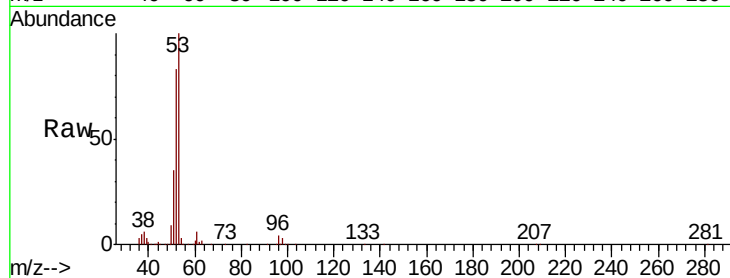




#15
 Acrylonitrile
 Concen: 97.392 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX017116.D
 Acq: 01 Jul 2020 22:50

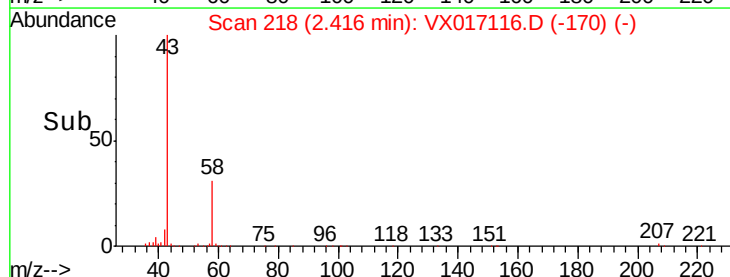
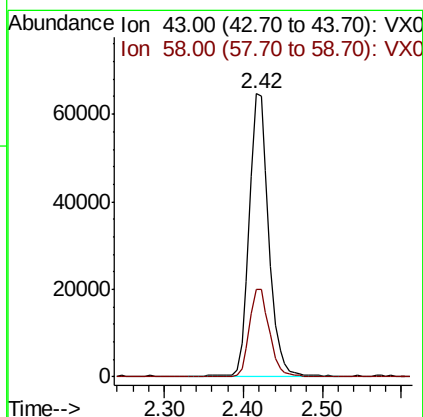
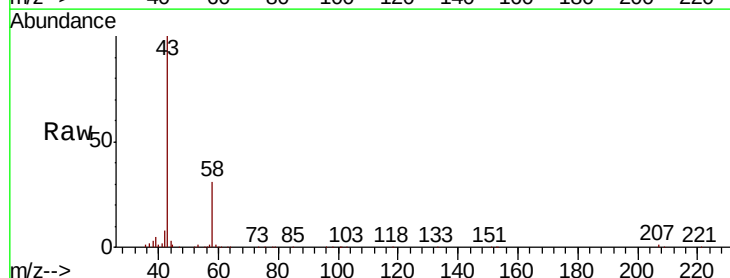
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBS02

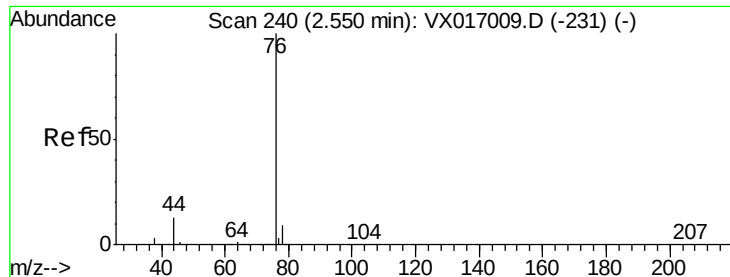
Tot Ion: 53 Resp: 132209
 Ion Ratio Lower Upper
 53 100
 52 82.0 65.6 98.4
 51 36.4 28.3 42.5



#16
 Acetone
 Concen: 100.536 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX017116.D
 Acq: 01 Jul 2020 22:50

Tgt Ion: 43 Resp: 111326
 Ion Ratio Lower Upper
 43 100
 58 31.1 25.7 38.5





#17

Carbon Disulfide

Concen: 19.904 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017116.D

Acq: 01 Jul 2020 22:50

Instrument :

MSVOA_X

ClientSampleId :

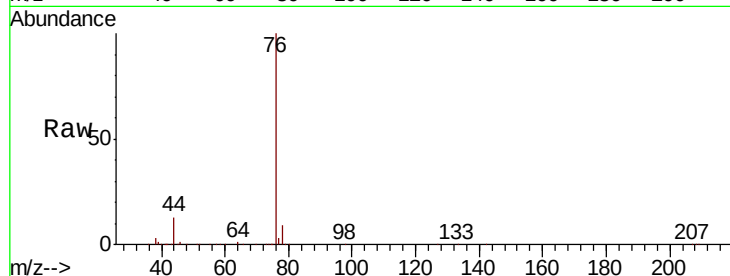
VX0701WBS02

Tot Ion: 76 Resp: 131851

Ion Ratio Lower Upper

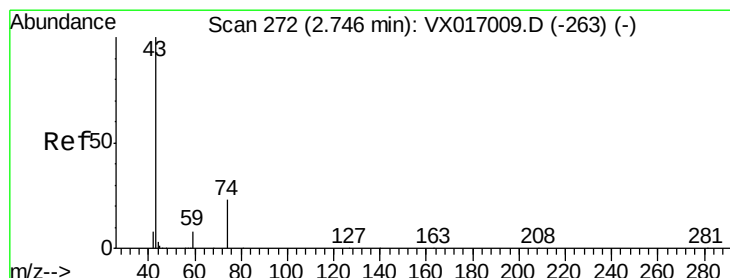
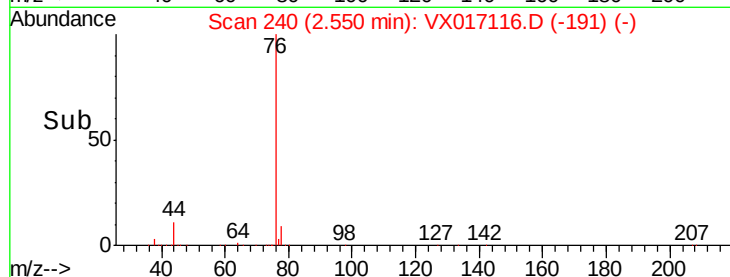
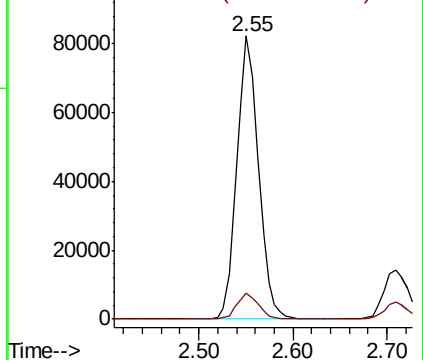
76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.279 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX017116.D

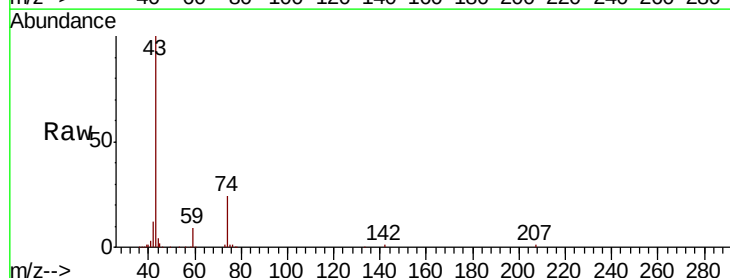
Acq: 01 Jul 2020 22:50

Tgt Ion: 43 Resp: 58621

Ion Ratio Lower Upper

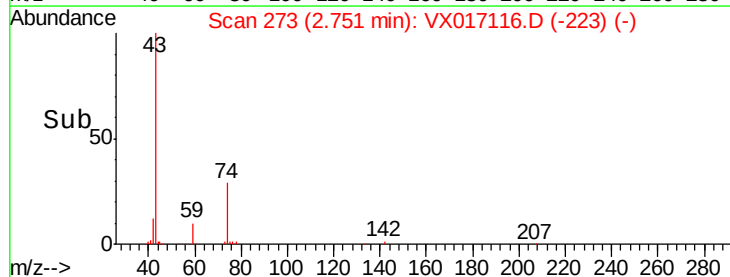
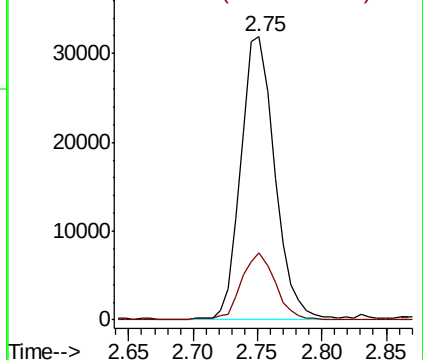
43 100

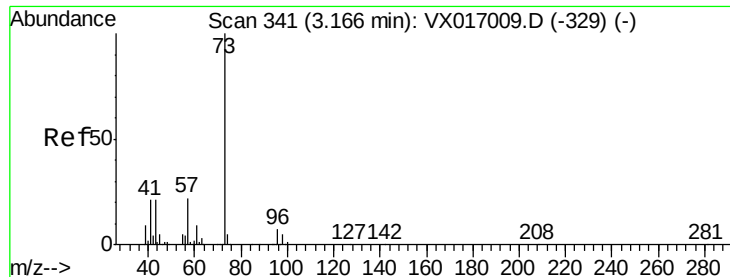
74 23.7 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



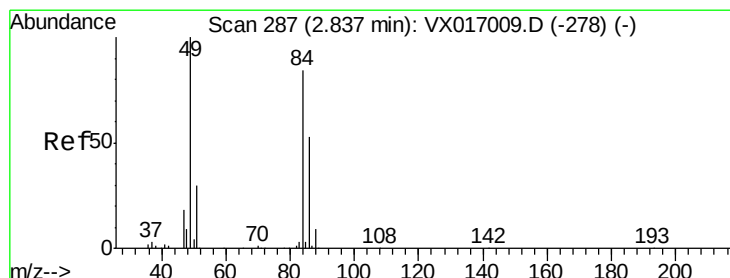
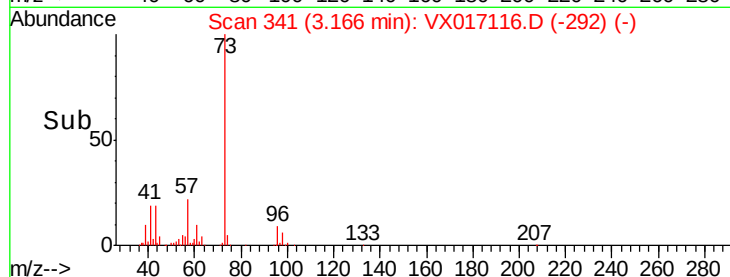
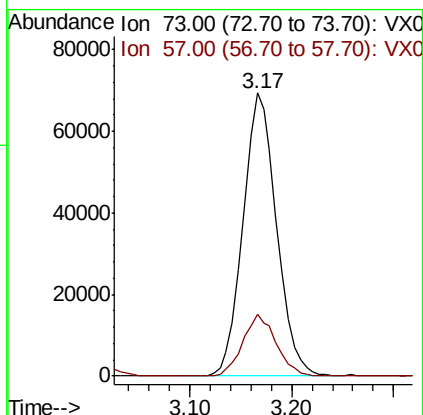
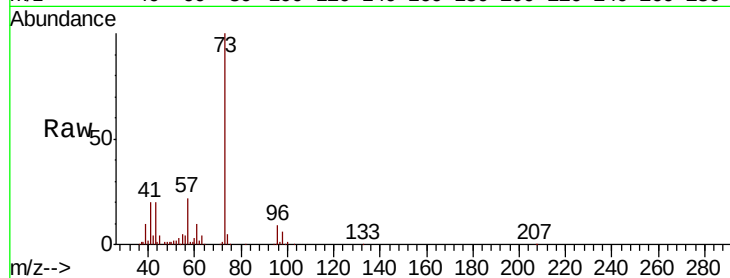


#19

Methvl tert-butyl Ether
 Concen: 19.897 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX017116.D
 Acq: 01 Jul 2020 22:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBS02

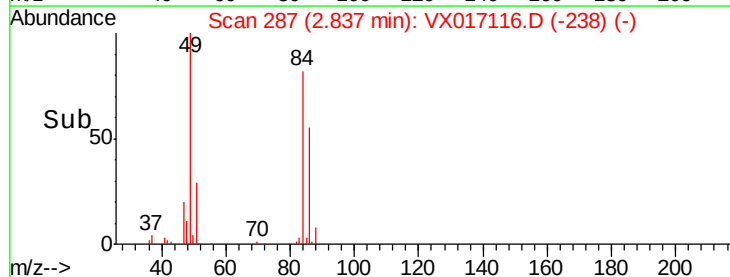
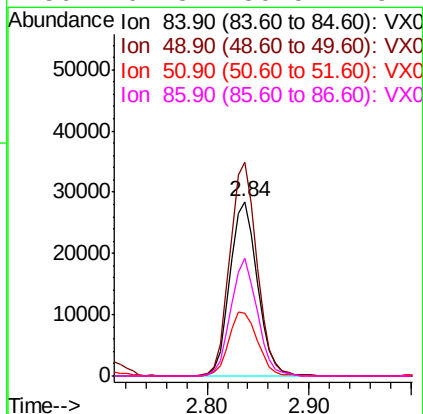
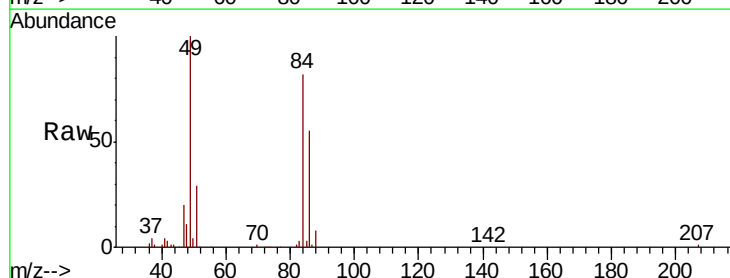
Tot Ion: 73 Resp: 158633
 Ion Ratio Lower Upper
 73 100
 57 21.8 17.6 26.4

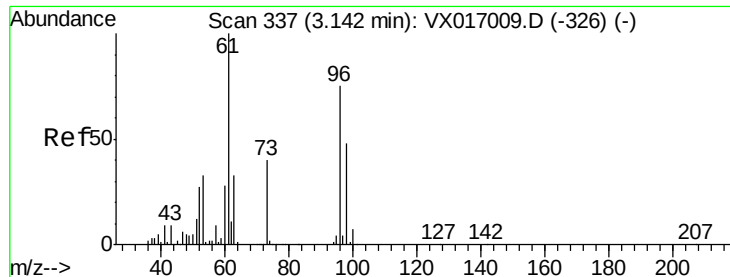


#20

Methylene Chloride
 Concen: 20.453 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017116.D
 Acq: 01 Jul 2020 22:50

Tgt Ion: 84 Resp: 53118
 Ion Ratio Lower Upper
 84 100
 49 122.3 94.7 142.1
 51 35.9 28.6 42.8
 86 67.3 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 19.230 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017116.D

Acq: 01 Jul 2020 22:50

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBS02

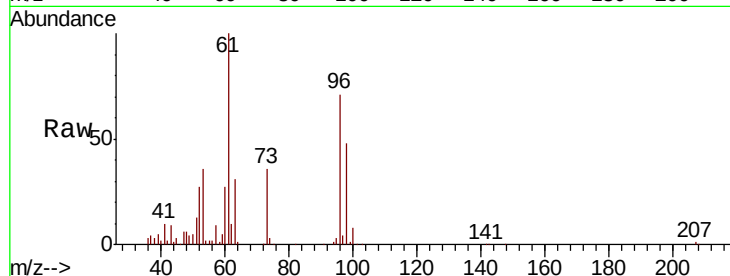
Tot Ion: 96 Resp: 50695

Ion Ratio Lower Upper

96 100

61 140.9 107.0 160.6

98 66.9 51.6 77.4

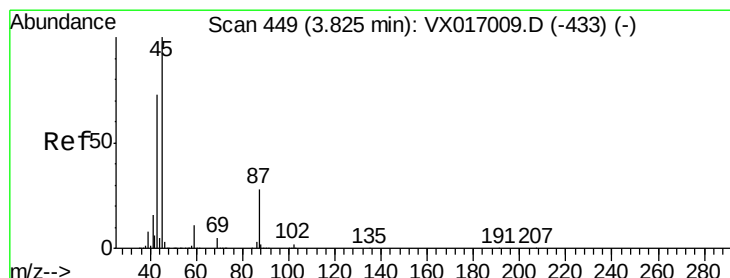
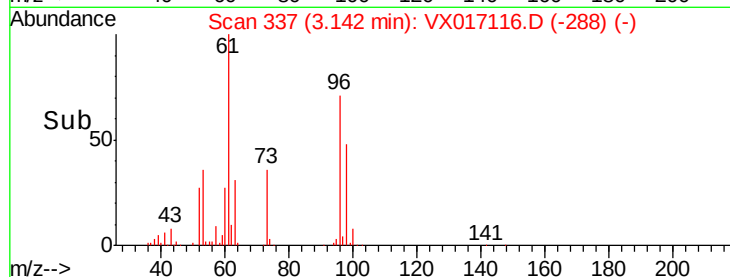
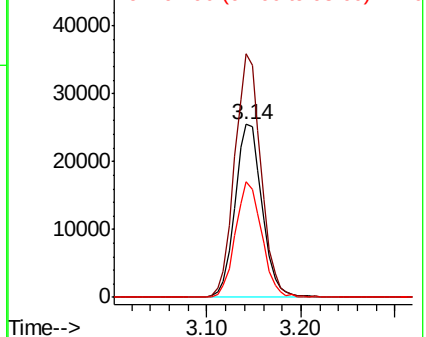


Abundance

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



#22

Diisopropyl ether

Concen: 20.049 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017116.D

Acq: 01 Jul 2020 22:50

Tgt Ion: 45 Resp: 162910

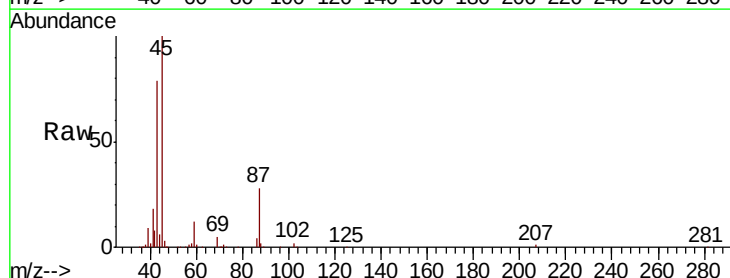
Ion Ratio Lower Upper

45 100

43 77.9 58.6 88.0

87 28.4 22.6 34.0

59 11.9 8.7 13.1



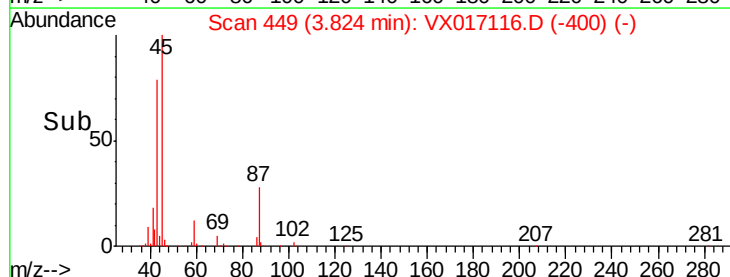
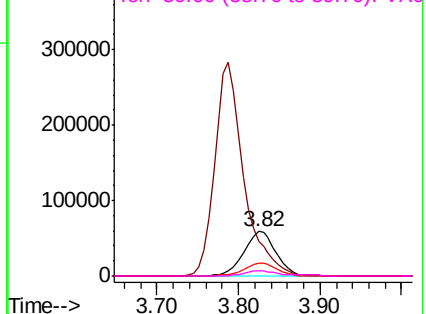
Abundance

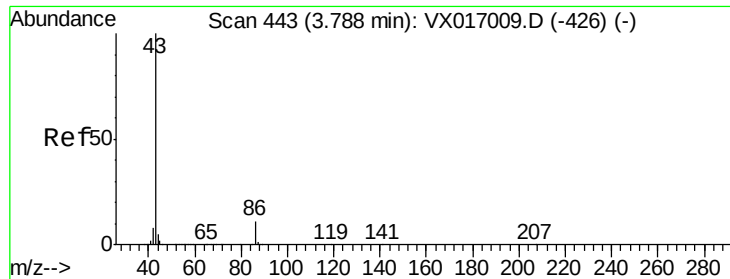
Ion 45.00 (44.70 to 45.70): VX0

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: 101.356 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017116.D

Acq: 01 Jul 2020 22:50

Instrument :

MSVOA_X

ClientSampleId :

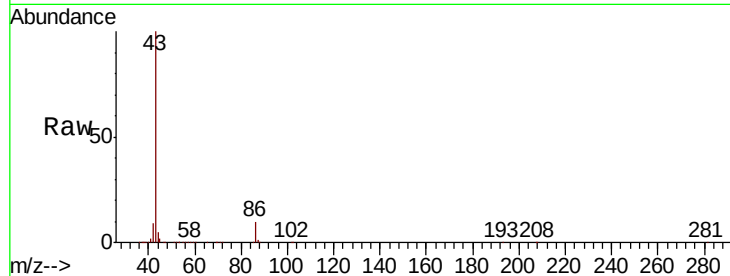
VX0701WBS02

Tot Ion: 43 Resp: 707700

Ion Ratio Lower Upper

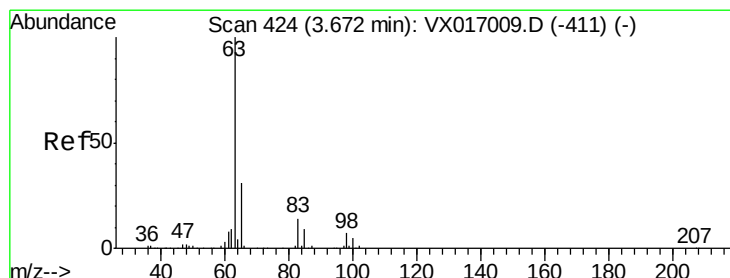
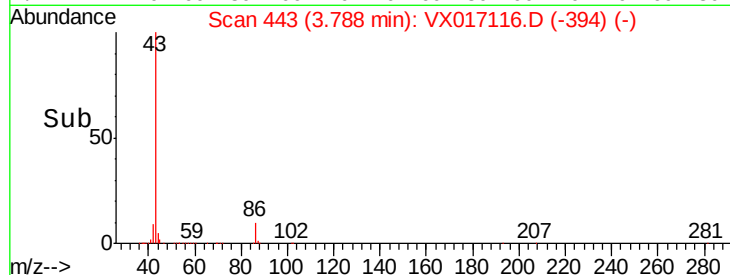
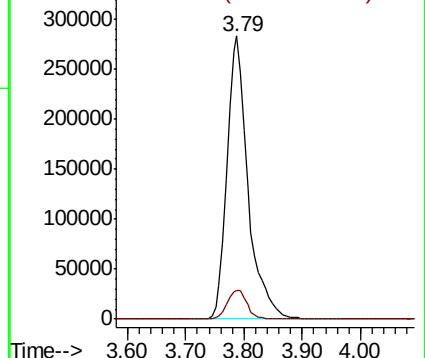
43 100

86 10.2 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.635 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017116.D

Acq: 01 Jul 2020 22:50

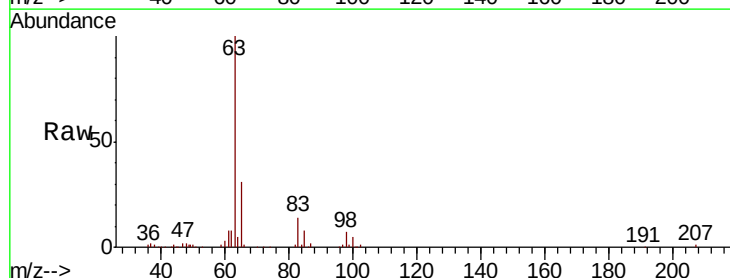
Tgt Ion: 63 Resp: 90780

Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.8

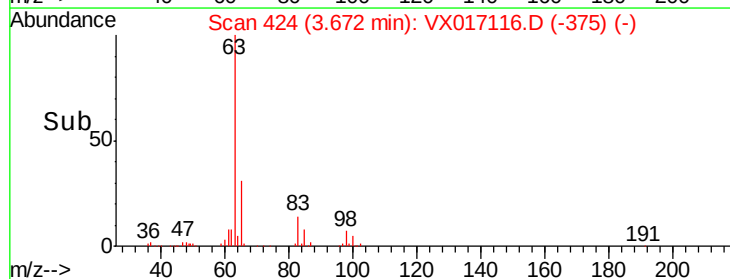
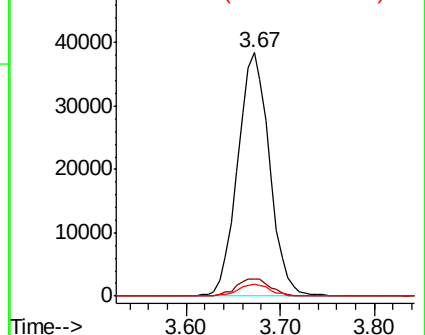
100 4.8 2.4 7.1

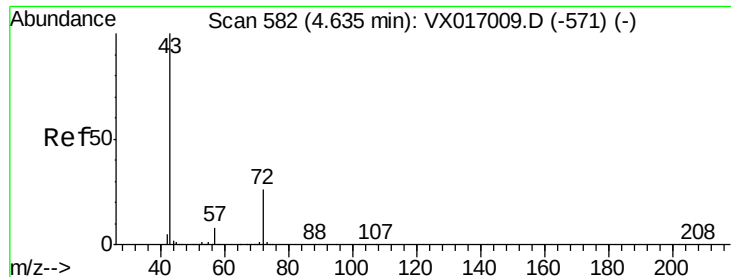


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 100.197 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX017116.D

Acq: 01 Jul 2020 22:50

Instrument :

MSVOA_X

ClientSampleId :

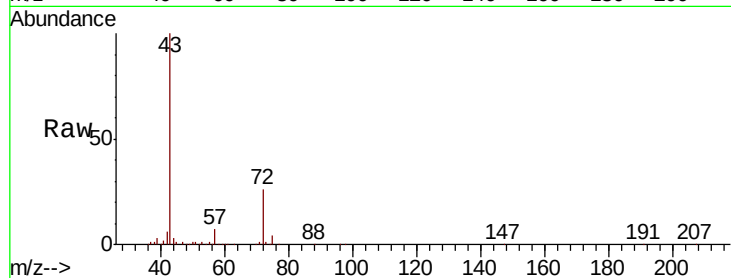
VX0701WBS02

Tot Ion: 43 Resp: 184872

Ion Ratio Lower Upper

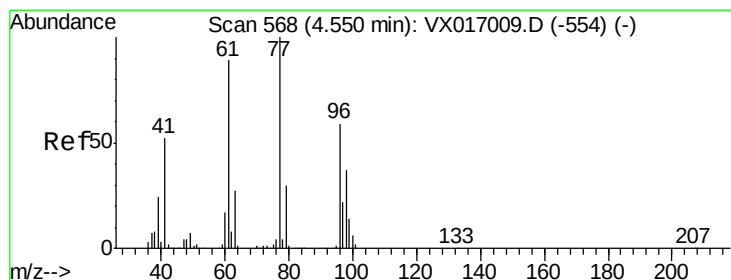
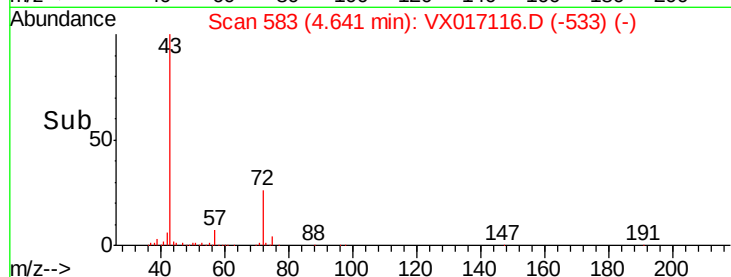
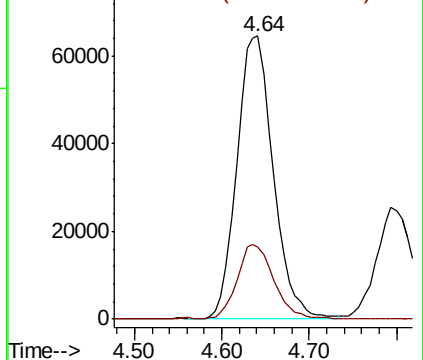
43 100

72 25.4 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.094 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017116.D

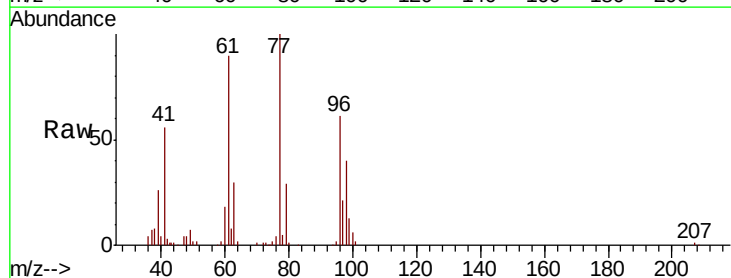
Acq: 01 Jul 2020 22:50

Tgt Ion: 77 Resp: 70171

Ion Ratio Lower Upper

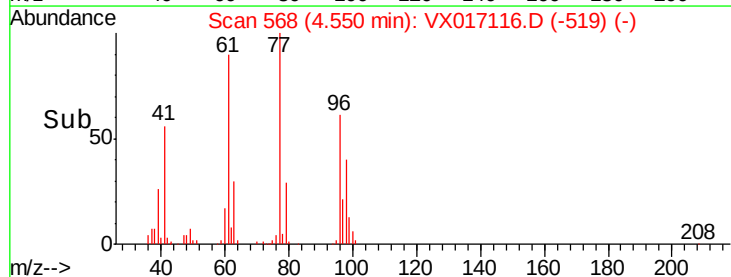
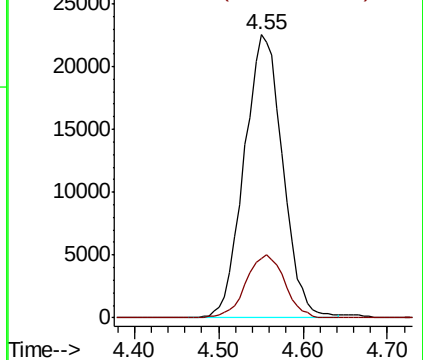
77 100

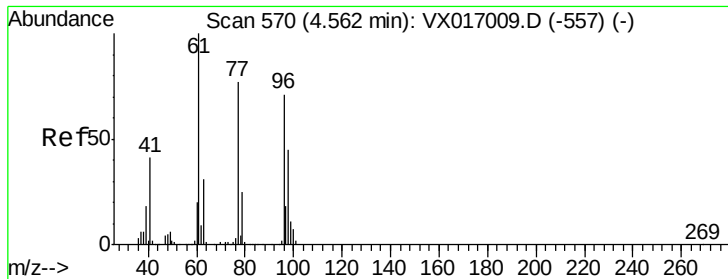
97 22.4 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



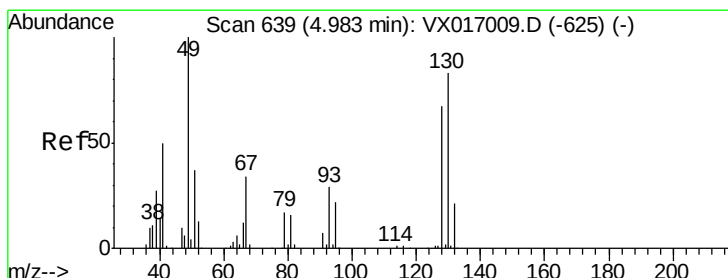
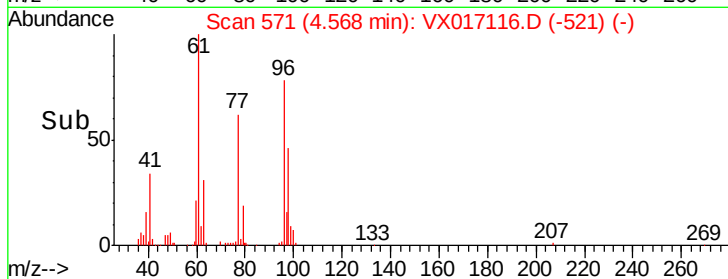
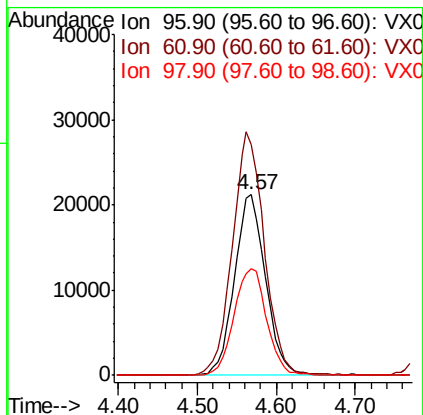
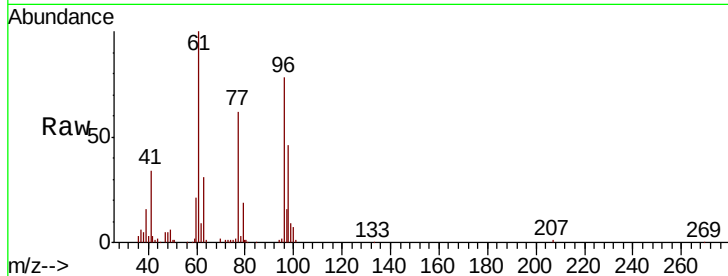


#27

cis-1,2-Dichloroethene
 Concen: 19.417 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VX017116.D
 Acq: 01 Jul 2020 22:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBS02

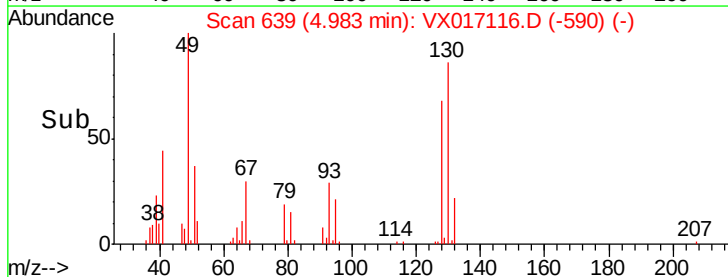
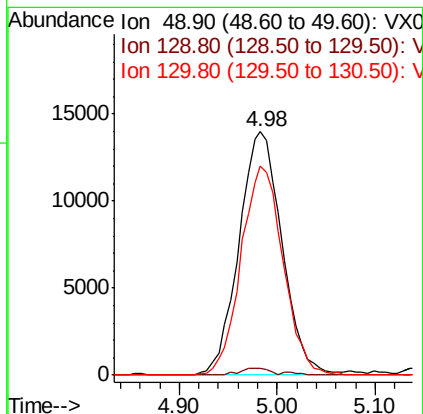
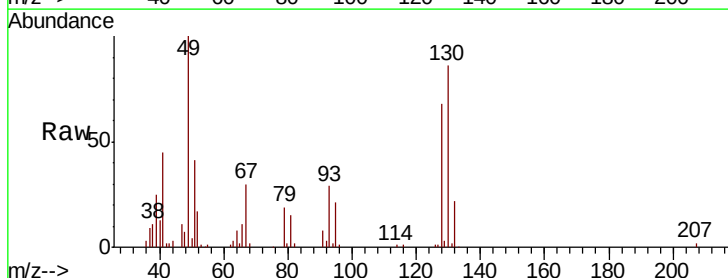
Tot Ion	96	Resp	57998
Ion	Ratio	Lower	Upper
96	100		
61	139.0	0.0	282.8
98	62.2	0.0	127.6

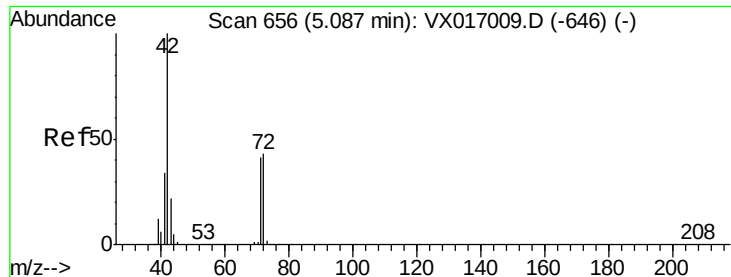


#28

Bromochloromethane
 Concen: 18.933 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX017116.D
 Acq: 01 Jul 2020 22:50

Tgt Ion	49	Resp	42596
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.2
130	84.2	66.6	100.0





#29

Tetrahydrofuran

Concen: 99.964 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX017116.D

Acq: 01 Jul 2020 22:50

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBS02

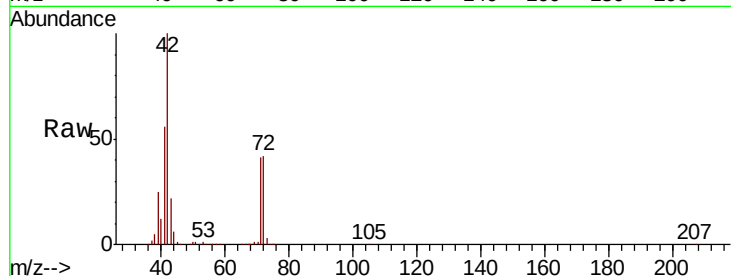
Tot Ion: 42 Resp: 121865

Ion Ratio Lower Upper

42 100

72 44.6 35.3 52.9

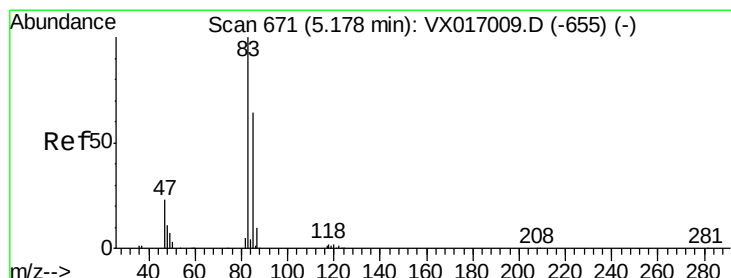
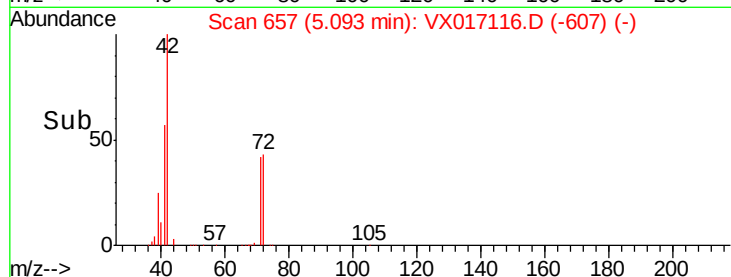
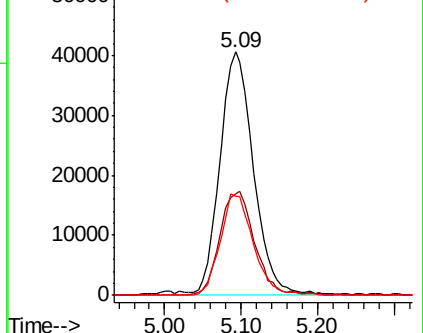
71 41.6 33.1 49.7



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: 20.041 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX017116.D

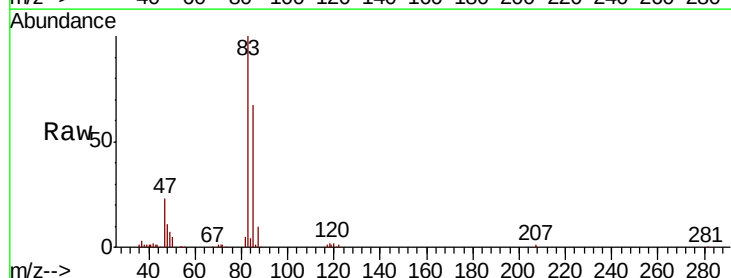
Acq: 01 Jul 2020 22:50

Tgt Ion: 83 Resp: 94983

Ion Ratio Lower Upper

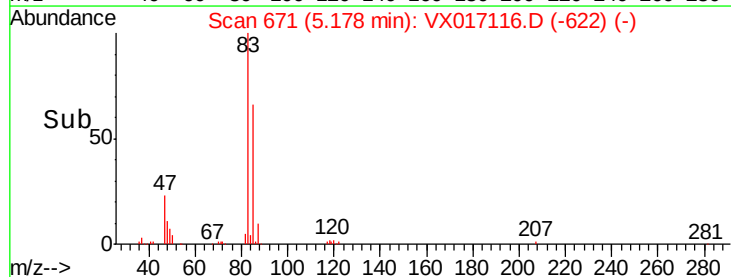
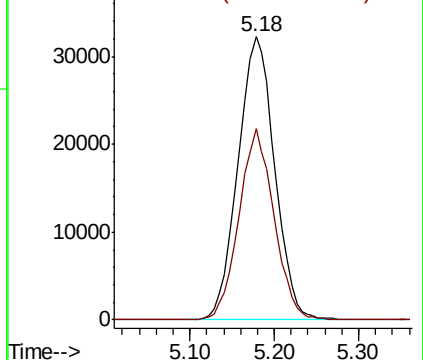
83 100

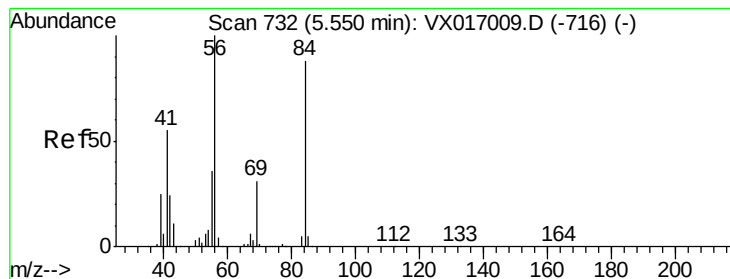
85 67.4 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 18.677 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX017116.D

Acq: 01 Jul 2020 22:50

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBS02

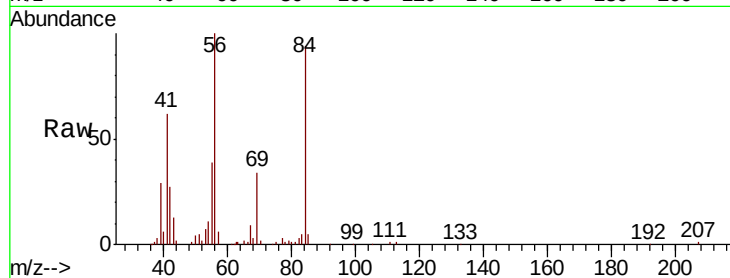
Tot Ion: 56 Resp: 74640

Ion Ratio Lower Upper

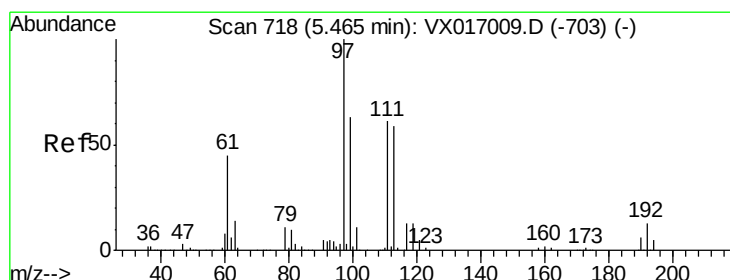
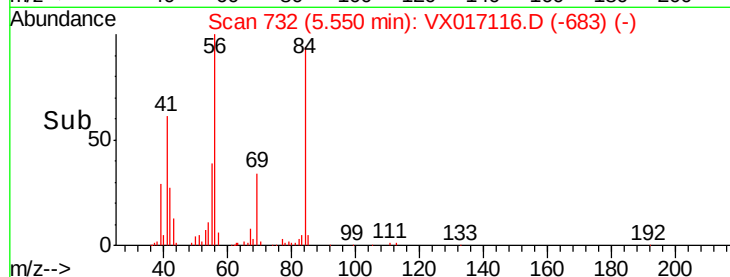
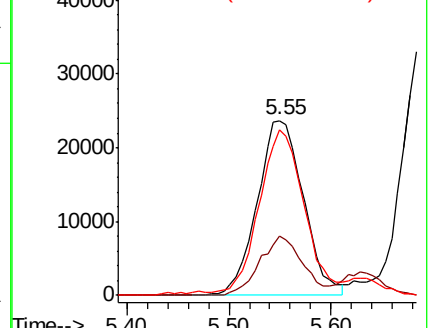
56 100

69 33.0 25.0 37.4

84 92.9 69.1 103.7



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: 20.039 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017116.D

Acq: 01 Jul 2020 22:50

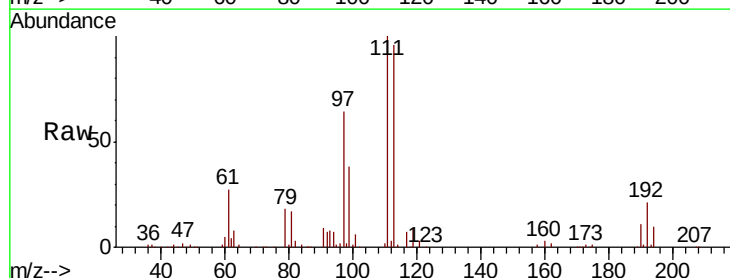
Tgt Ion: 97 Resp: 87466

Ion Ratio Lower Upper

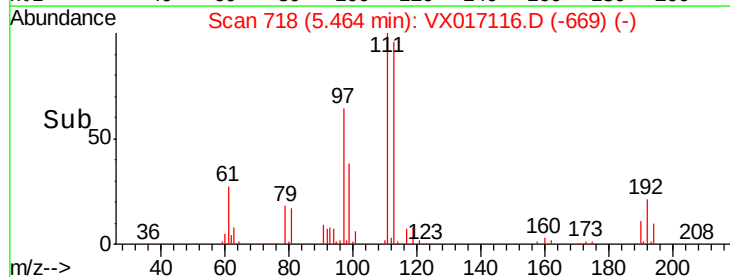
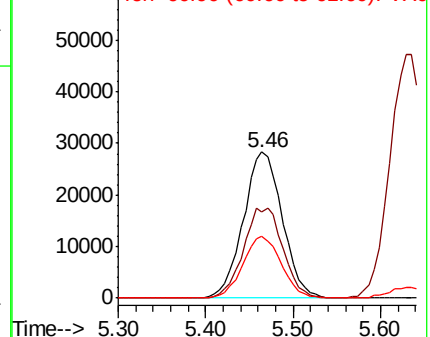
97 100

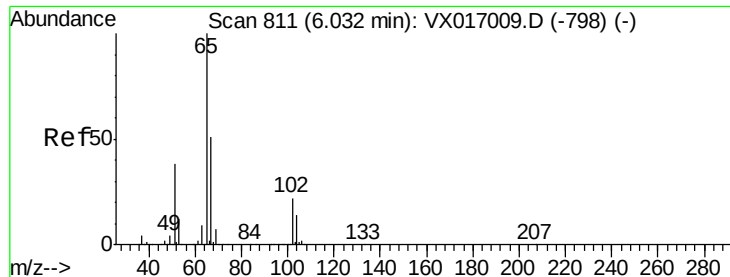
99 62.8 50.8 76.2

61 42.0 33.7 50.5



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

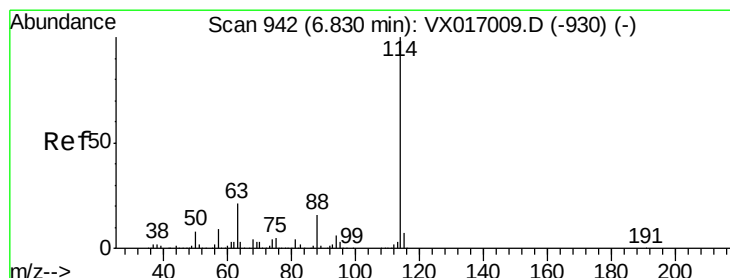
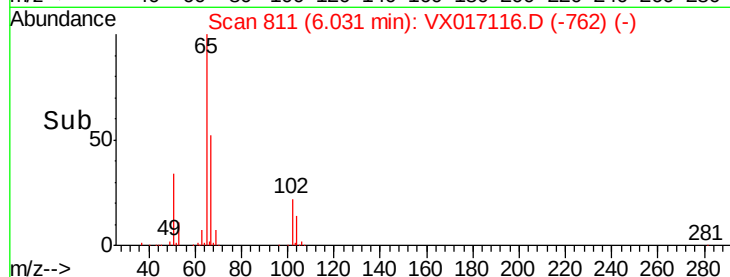
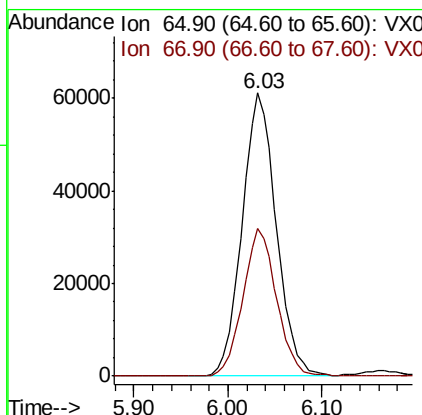
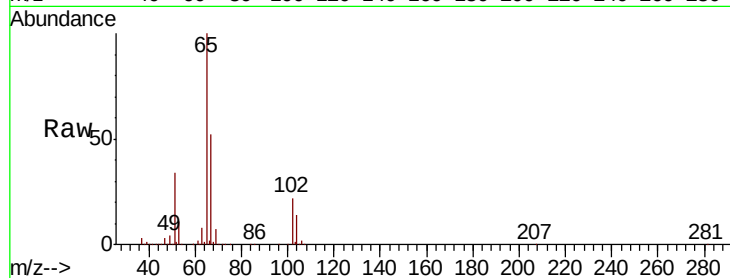




#33
 1,2-Dichloroethane-d4
 Concen: 52.320 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017116.D
 Acq: 01 Jul 2020 22:50

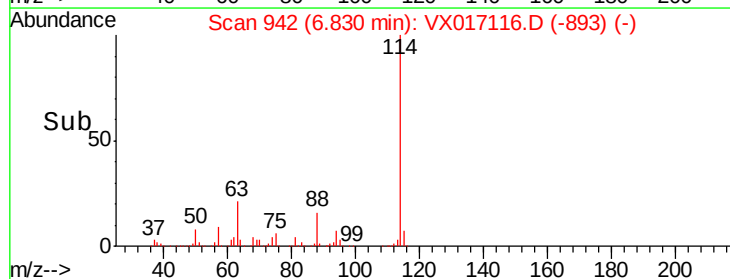
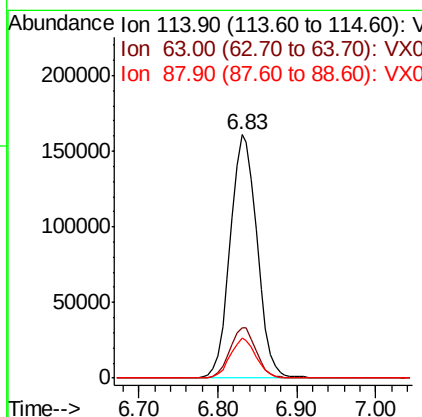
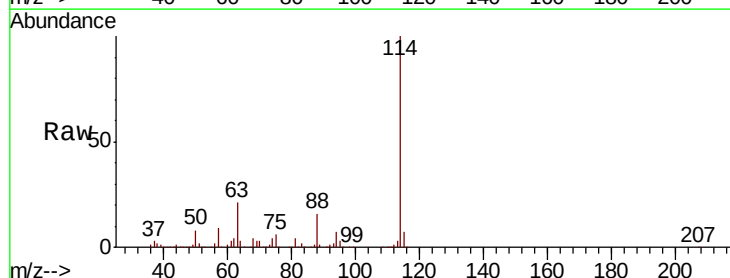
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBS02

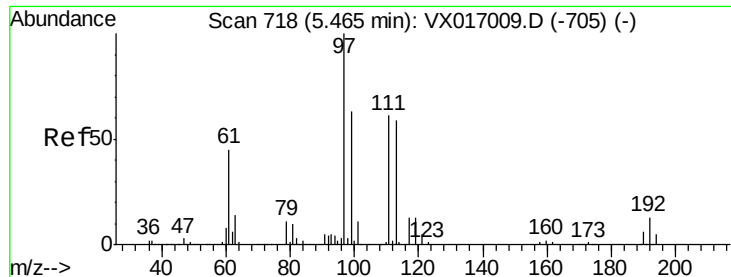
Tot Ion: 65 Resp: 154869
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017116.D
 Acq: 01 Jul 2020 22:50

Tgt Ion: 114 Resp: 382053
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.4
 88 16.4 0.0 32.4

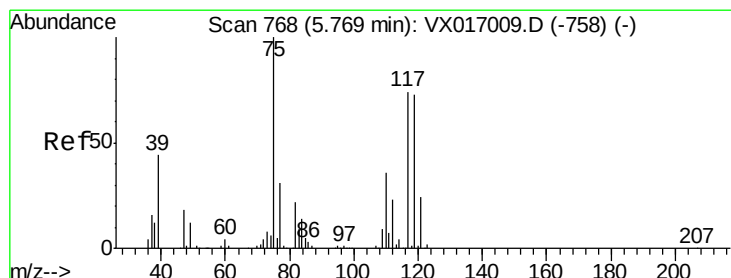
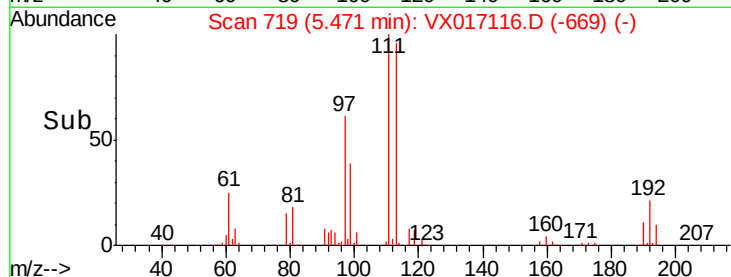
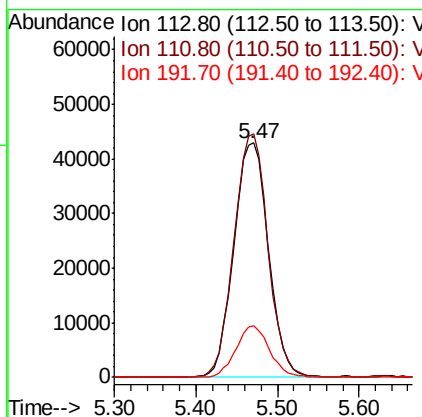
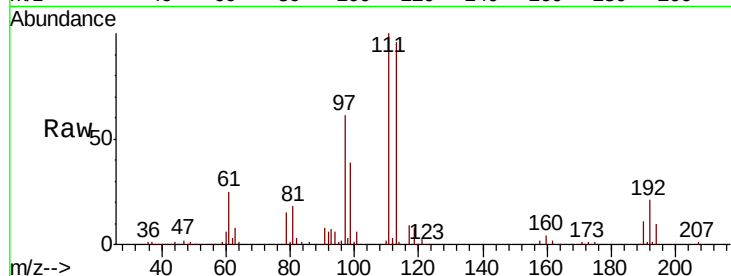




#35
 Dibromofluoromethane
 Concen: 52.391 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX017116.D
 Acq: 01 Jul 2020 22:50

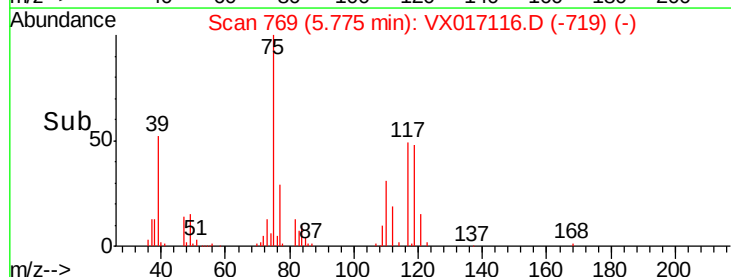
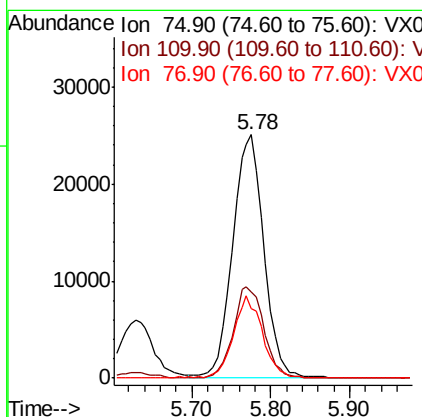
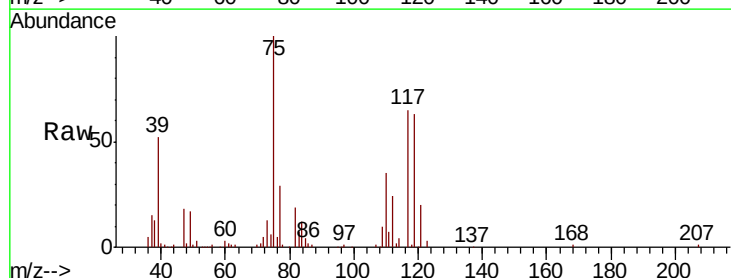
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBS02

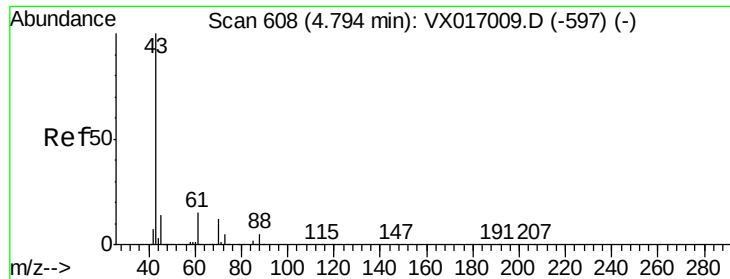
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.9	122.9
192	21.3	16.7	25.1



#36
 1,1-Dichloropropene
 Concen: 19.113 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX017116.D
 Acq: 01 Jul 2020 22:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.1	54.1
77	31.4	24.6	37.0

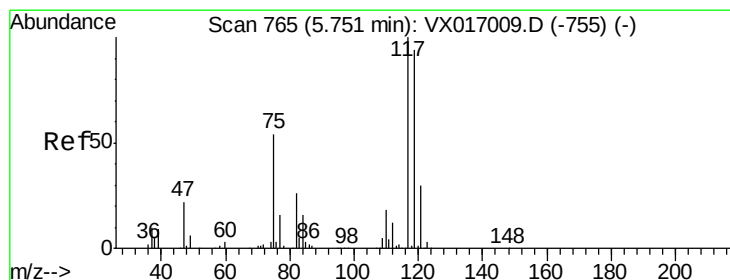
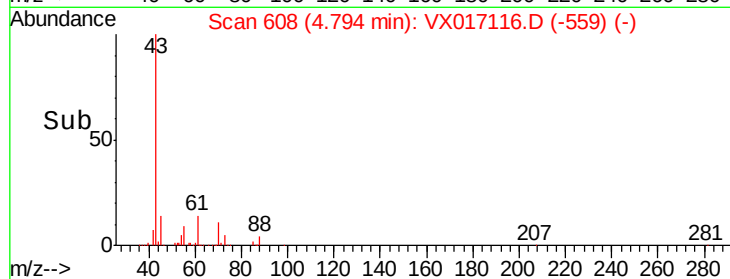
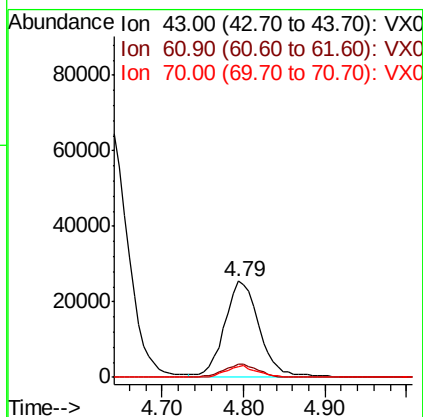
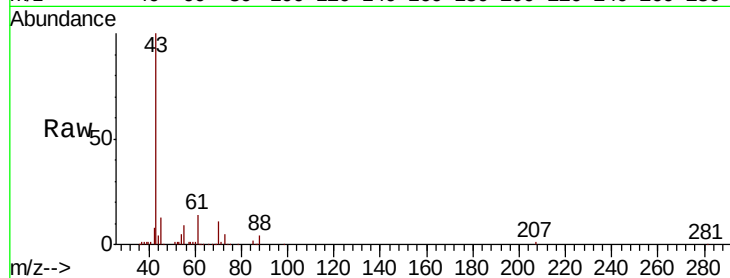




#37
Ethyl Acetate
Concen: 20.023 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017116.D
Acq: 01 Jul 2020 22:50

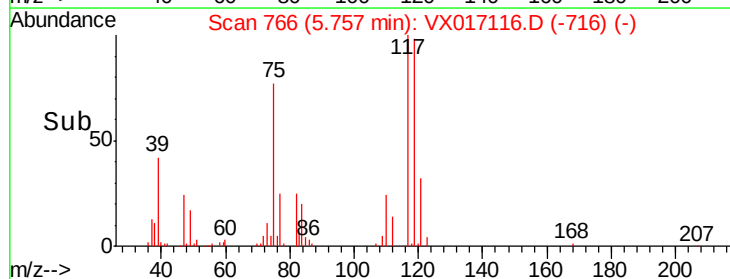
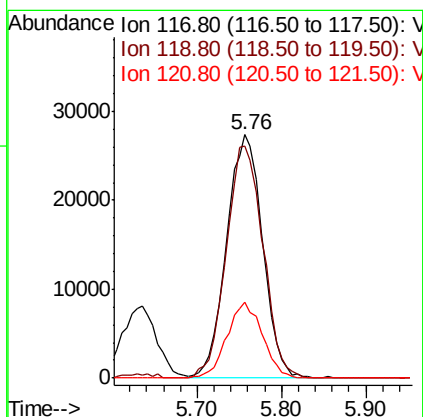
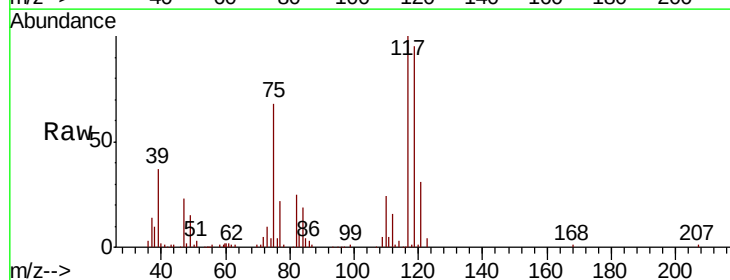
Instrument :
MSVOA_X
ClientSampleId :
VX0701WBS02

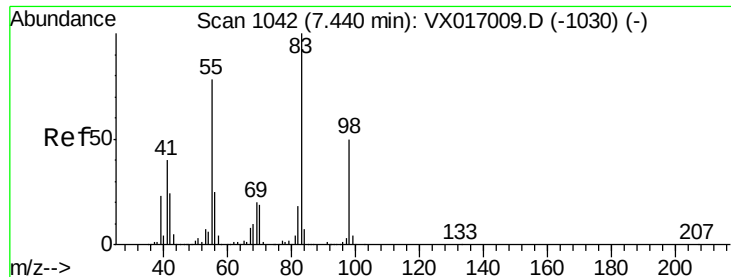
Tot Ion: 43 Resp: 73358
Ion Ratio Lower Upper
43 100
61 14.0 11.0 16.4
70 11.1 8.9 13.3



#38
Carbon Tetrachloride
Concen: 19.995 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017116.D
Acq: 01 Jul 2020 22:50

Tgt Ion: 117 Resp: 79523
Ion Ratio Lower Upper
117 100
119 95.4 75.4 113.0
121 31.3 23.8 35.6

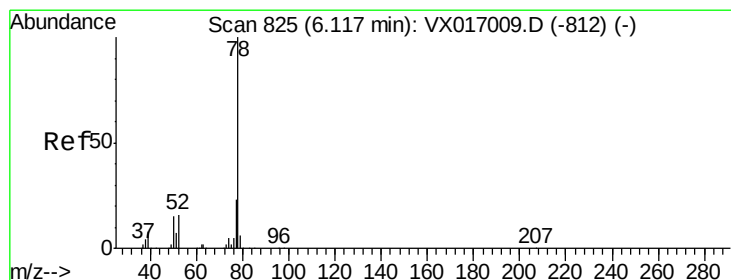
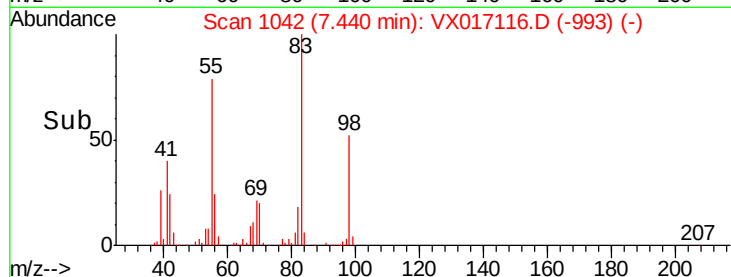
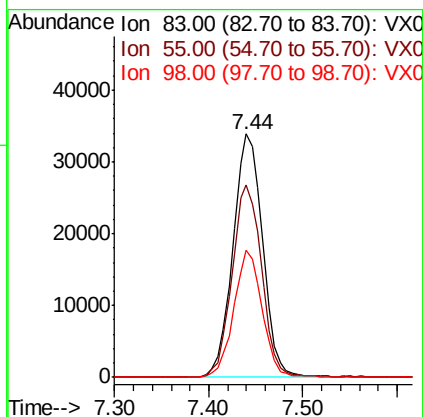
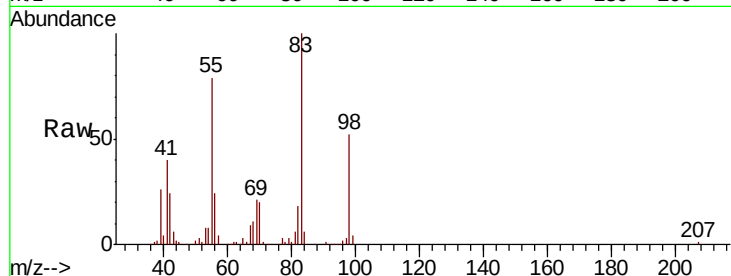




#39
Methylvlcyclohexane
Concen: 18.522 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017116.D
Acq: 01 Jul 2020 22:50

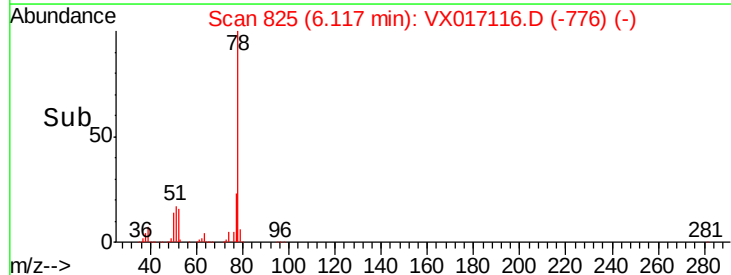
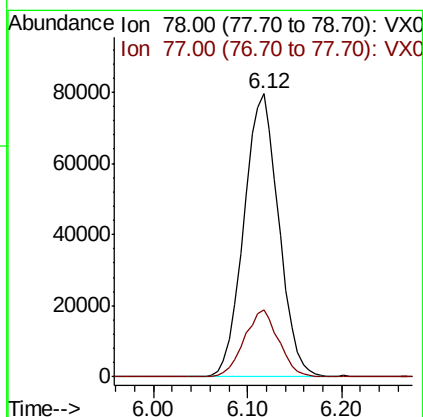
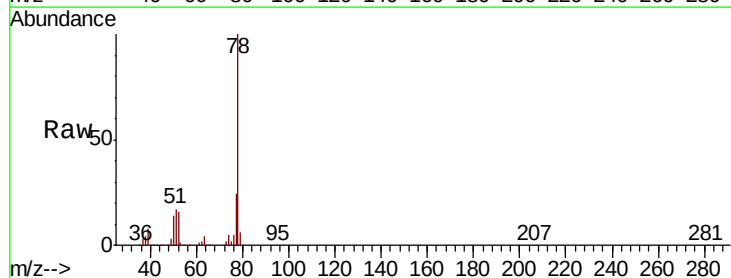
Instrument :
MSVOA_X
ClientSampleId :
VX0701WBS02

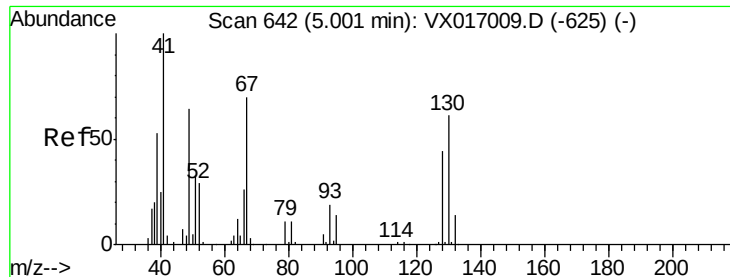
Tot Ion: 83 Resp: 74413
Ion Ratio Lower Upper
83 100
55 79.2 62.5 93.7
98 52.2 40.1 60.1



#40
Benzene
Concen: 19.485 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017116.D
Acq: 01 Jul 2020 22:50

Tgt Ion: 78 Resp: 206718
Ion Ratio Lower Upper
78 100
77 23.6 18.3 27.5





#41

Methacrylonitrile

Concen: 20.141 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX017116.D

Acq: 01 Jul 2020 22:50

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBS02

Tot Ion: 41 Resp: 41530

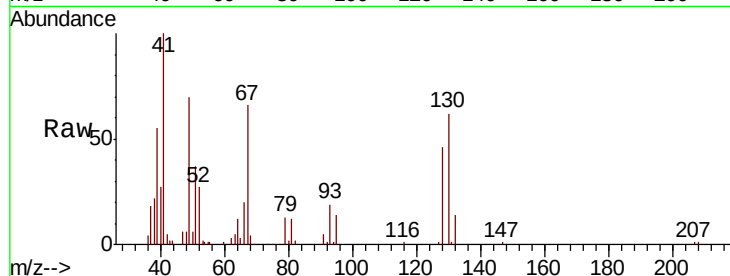
Ion Ratio Lower Upper

41 100

39 53.6 44.4 66.6

67 68.1 57.1 85.7

52 28.6 23.2 34.8

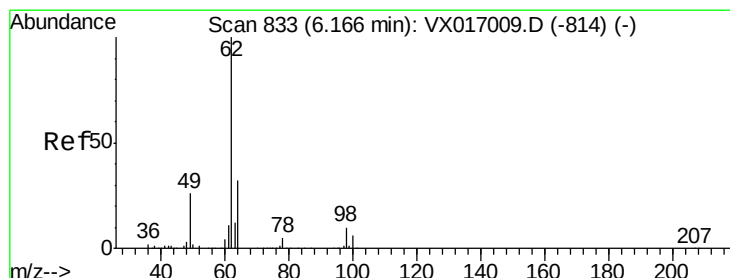
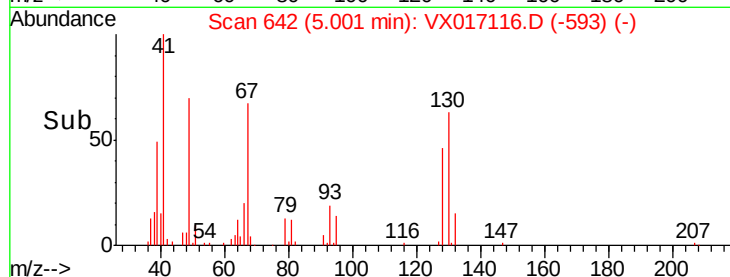
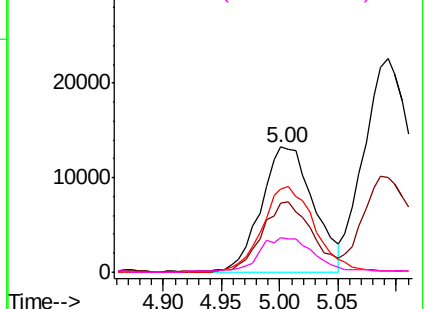


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.907 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX017116.D

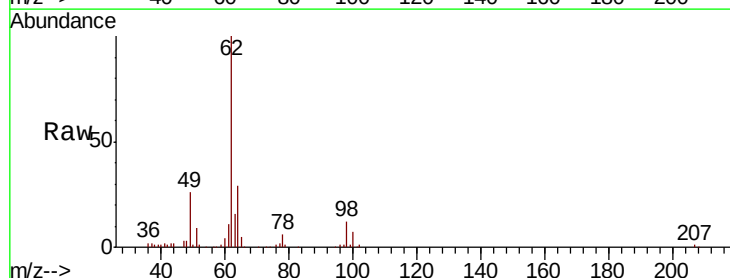
Acq: 01 Jul 2020 22:50

Tgt Ion: 62 Resp: 76288

Ion Ratio Lower Upper

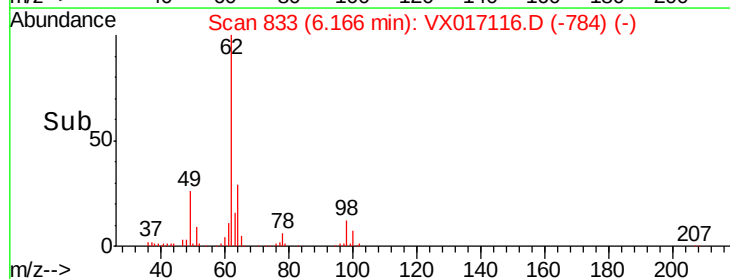
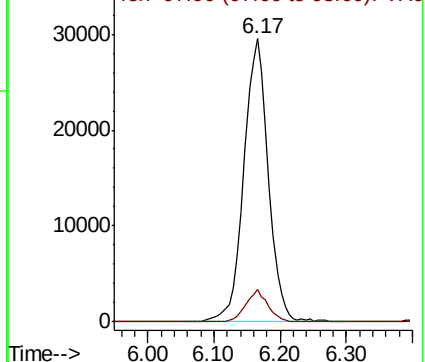
62 100

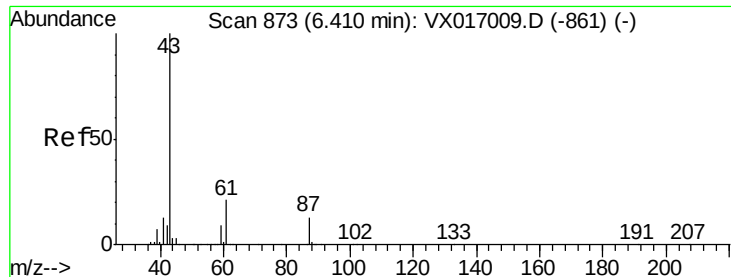
98 10.2 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.282 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX017116.D

Acq: 01 Jul 2020 22:50

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBS02

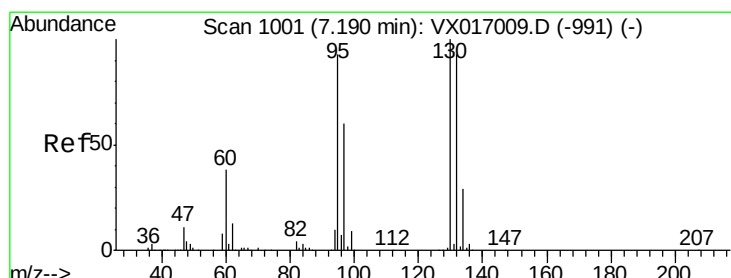
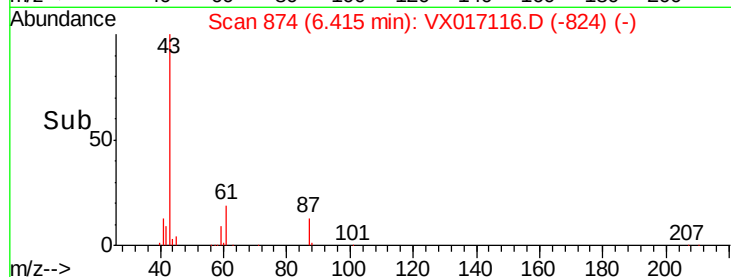
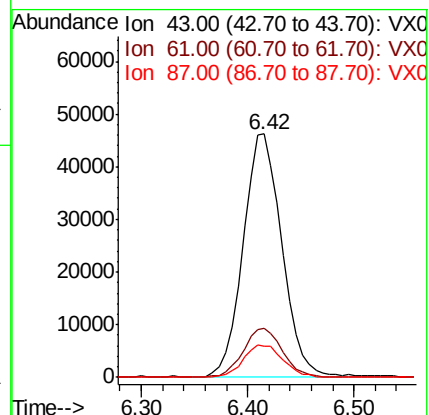
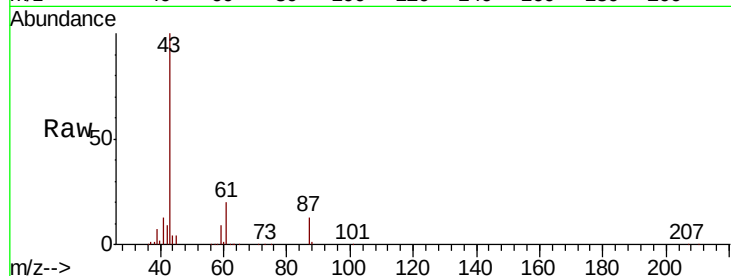
Tot Ion: 43 Resp: 117385

Ion Ratio Lower Upper

43 100

61 20.5 16.2 24.2

87 13.8 10.7 16.1



#44

Trichloroethene

Concen: 19.641 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017116.D

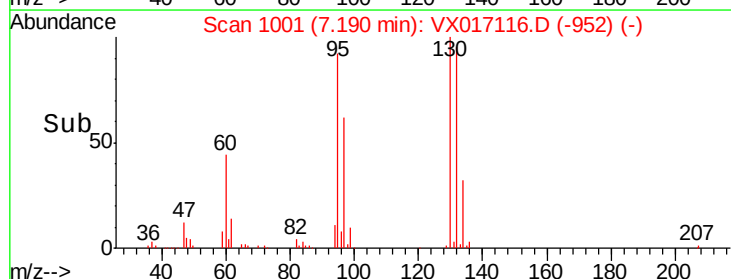
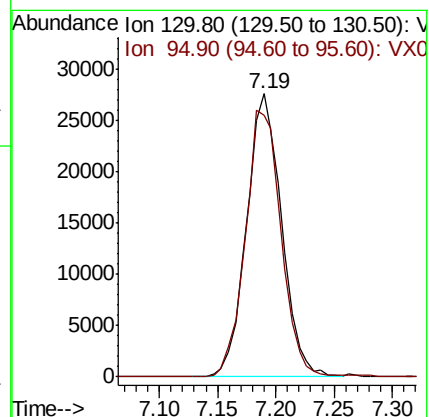
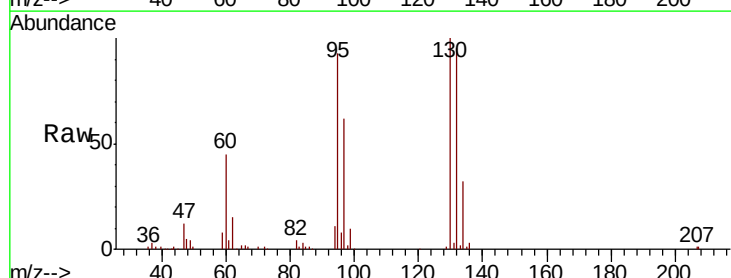
Acq: 01 Jul 2020 22:50

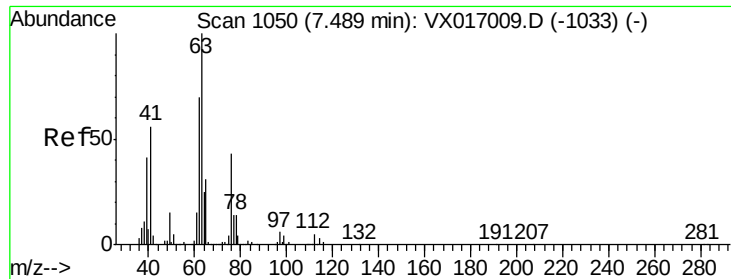
Tgt Ion:130 Resp: 58053

Ion Ratio Lower Upper

130 100

95 92.6 0.0 185.0

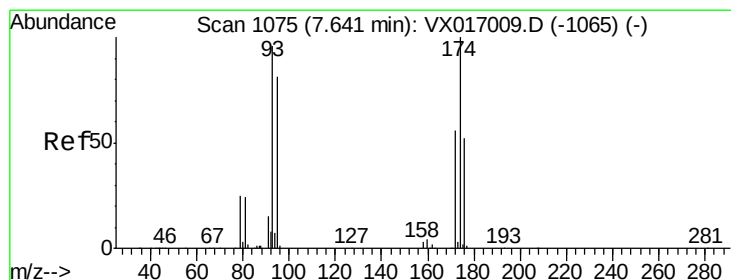
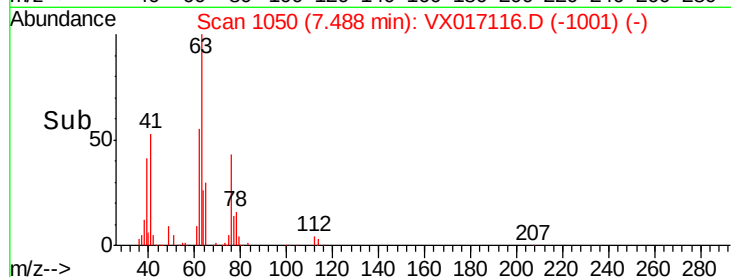
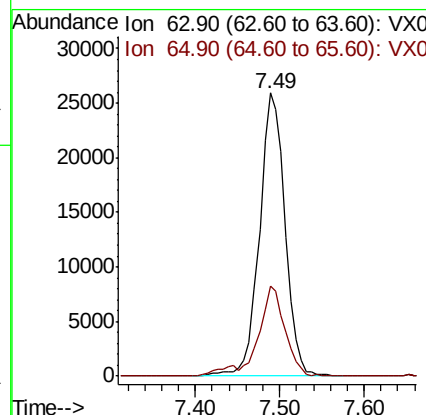
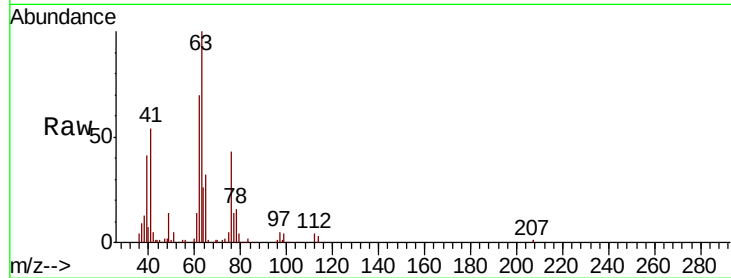




#45
 1,2-Dichloropropane
 Concen: 19.708 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017116.D
 Acq: 01 Jul 2020 22:50

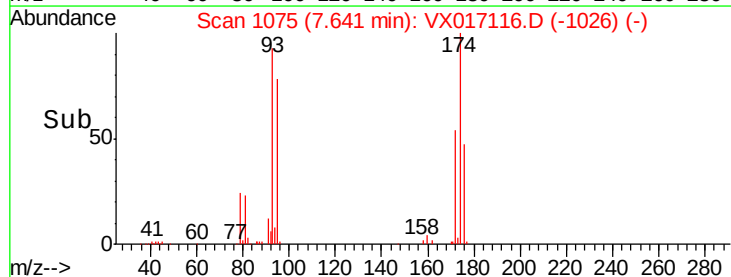
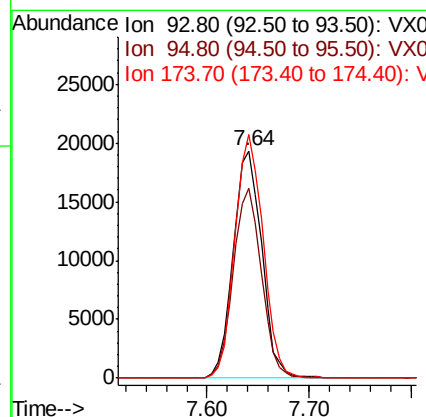
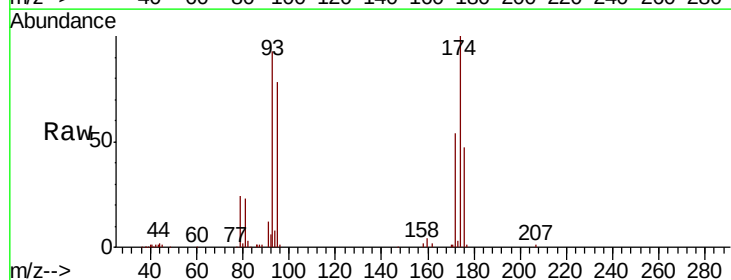
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBS02

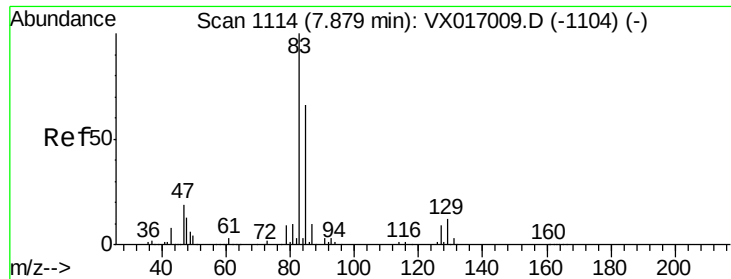
Tot Ion: 63 Resp: 53702
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.6 36.8



#46
 Dibromomethane
 Concen: 20.112 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017116.D
 Acq: 01 Jul 2020 22:50

Tgt Ion: 93 Resp: 37415
 Ion Ratio Lower Upper
 93 100
 95 82.3 67.4 101.0
 174 106.3 84.3 126.5

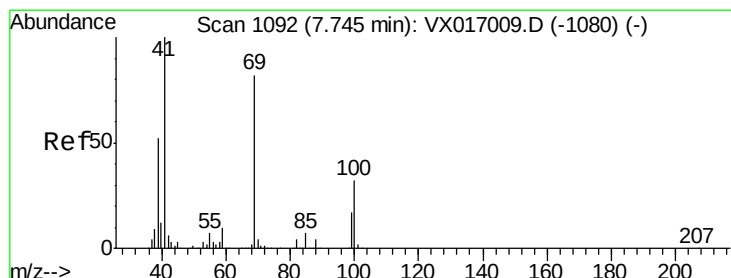
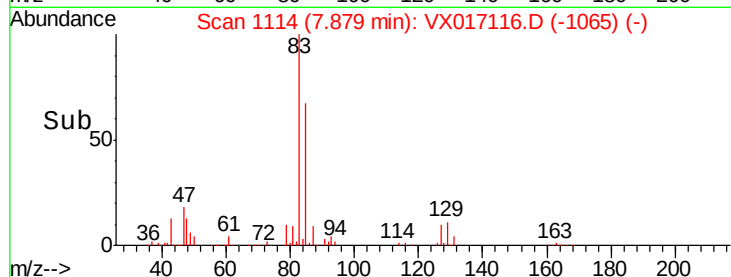
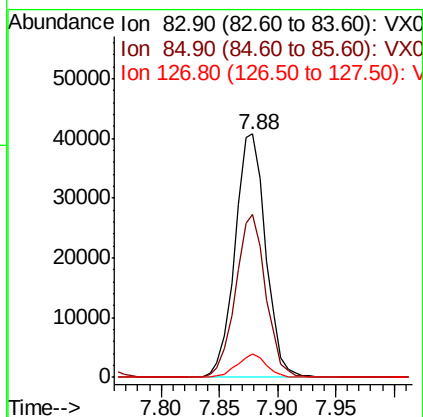
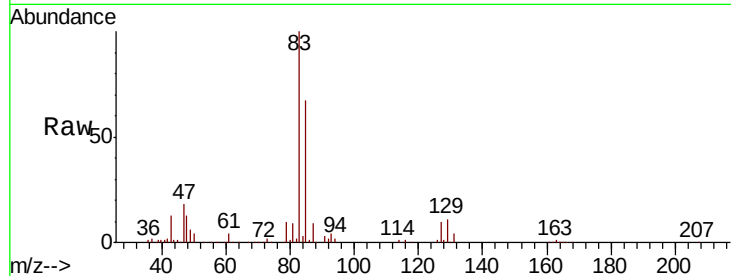




#47
 Bromodichloromethane
 Concen: 19.547 ug/l
 RT: 7.88 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: VX017116.D
 Acq: 01 Jul 2020 22:50

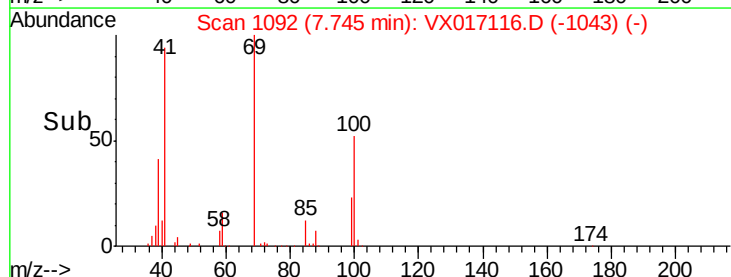
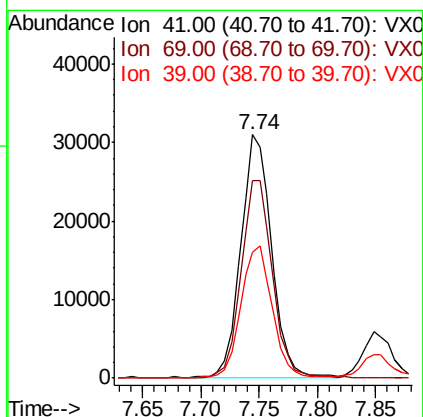
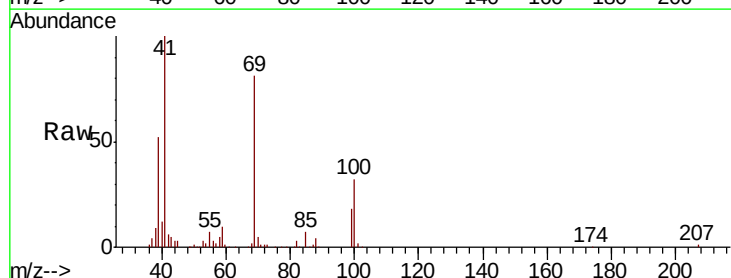
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBS02

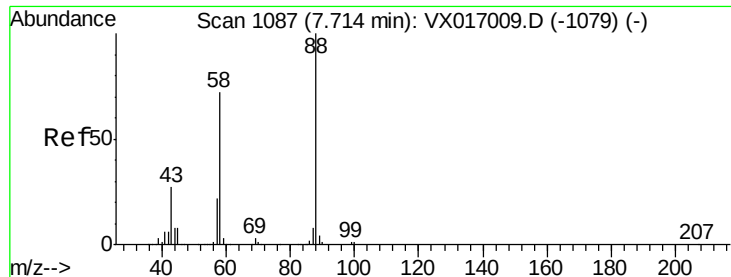
Tot Ion: 83 Resp: 74941
 Ion Ratio Lower Upper
 83 100
 85 67.1 53.0 79.4
 127 9.9 7.5 11.3



#48
 Methyl methacrylate
 Concen: 19.644 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: VX017116.D
 Acq: 01 Jul 2020 22:50

Tgt Ion: 41 Resp: 56817
 Ion Ratio Lower Upper
 41 100
 69 83.3 65.8 98.8
 39 54.6 42.5 63.7

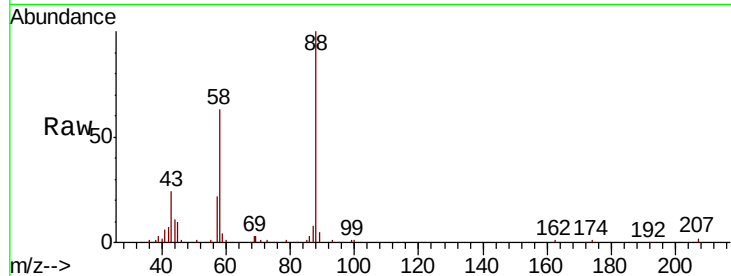




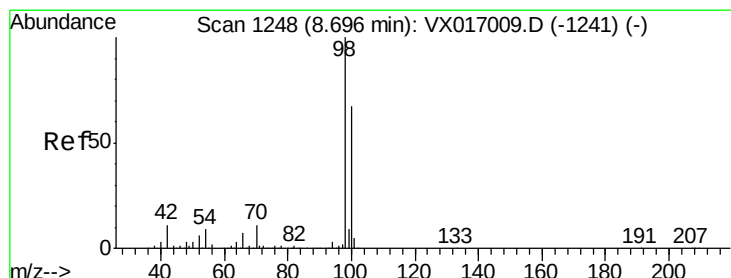
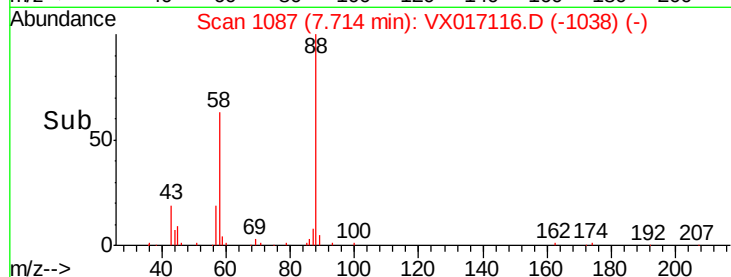
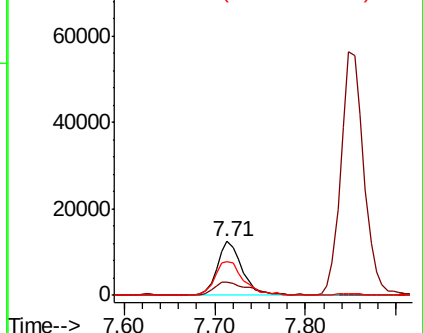
#49
1,4-Dioxane
Concen: 365.908 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017116.D
Acq: 01 Jul 2020 22:50

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBS02

Tot Ion	88	Resp	23976
Ion	Ratio	Lower	Upper
88	100		
43	33.4	25.8	38.8
58	71.9	54.8	82.2

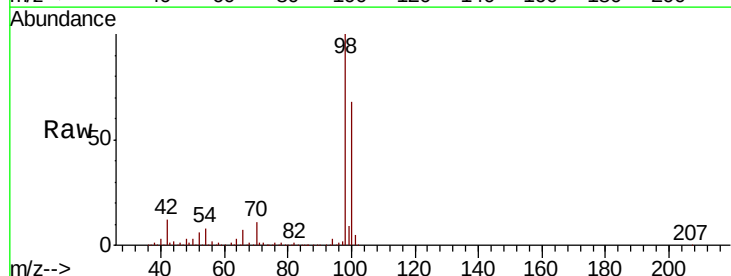


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

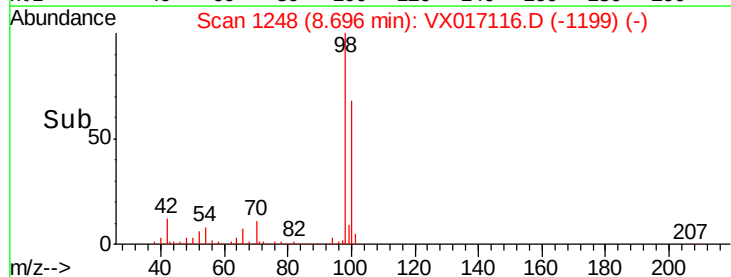
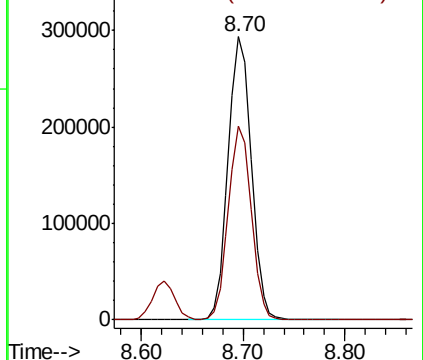


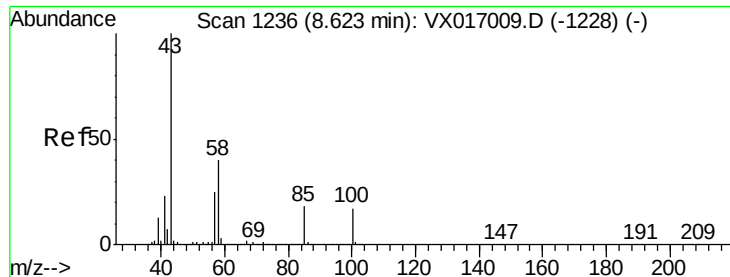
#50
Toluene-d8
Concen: 51.825 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017116.D
Acq: 01 Jul 2020 22:50

Tgt Ion	98	Resp	463142
Ion	Ratio	Lower	Upper
98	100		
100	67.5	53.8	80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

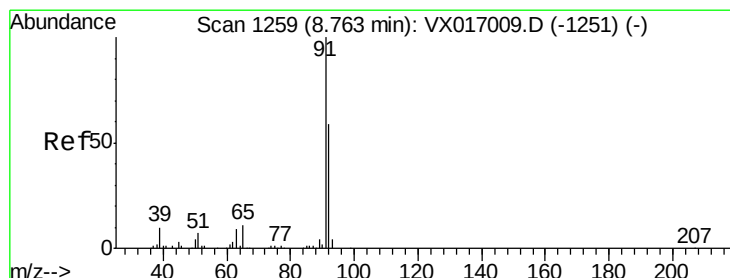
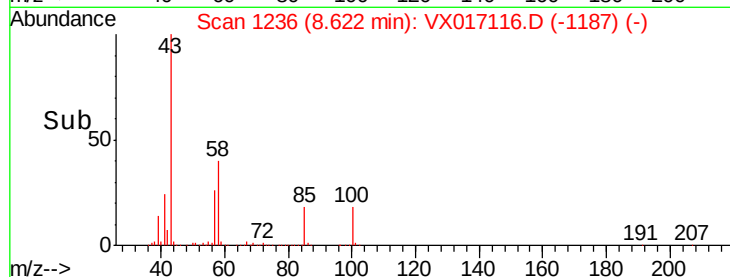
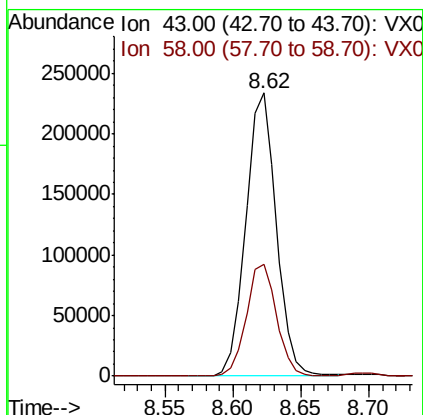
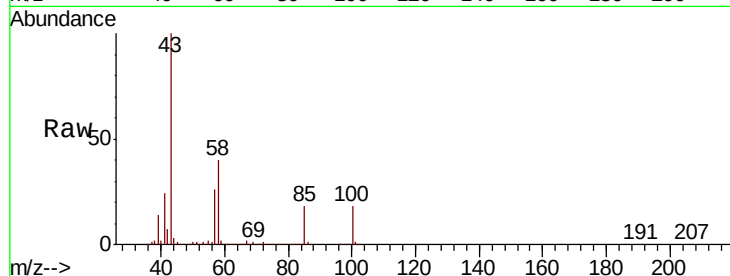




#51
 4-Methyl-2-Pentanone
 Concen: 101.163 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX017116.D
 Acq: 01 Jul 2020 22:50

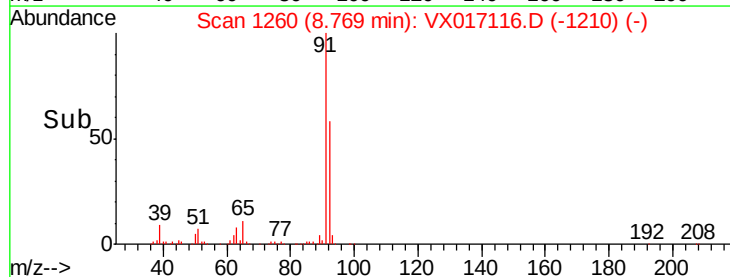
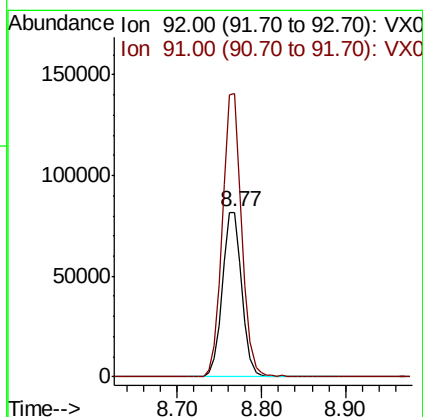
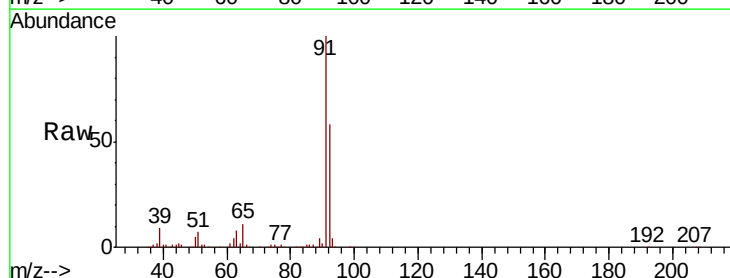
Instrument :
 MSVOA_X
 ClientSampled :
 VX0701WBS02

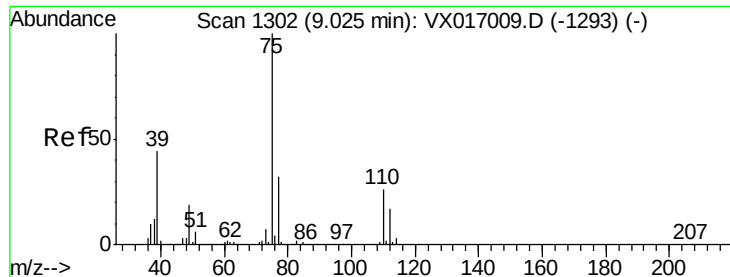
Tot Ion: 43 Resp: 367118
 Ion Ratio Lower Upper
 43 100
 58 39.3 31.9 47.9



#52
 Toluene
 Concen: 19.713 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.01 min
 Lab File: VX017116.D
 Acq: 01 Jul 2020 22:50

Tgt Ion: 92 Resp: 130575
 Ion Ratio Lower Upper
 92 100
 91 170.2 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 18.836 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017116.D

Acq: 01 Jul 2020 22:50

Instrument :

MSVOA_X

ClientSampleId :

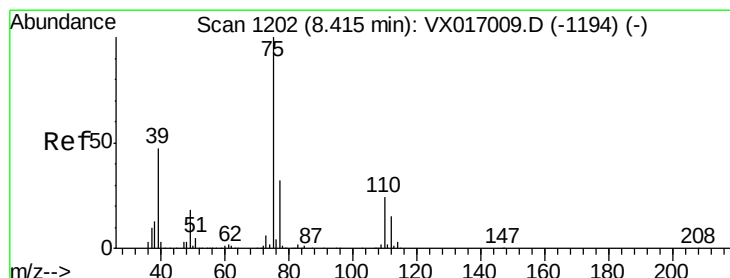
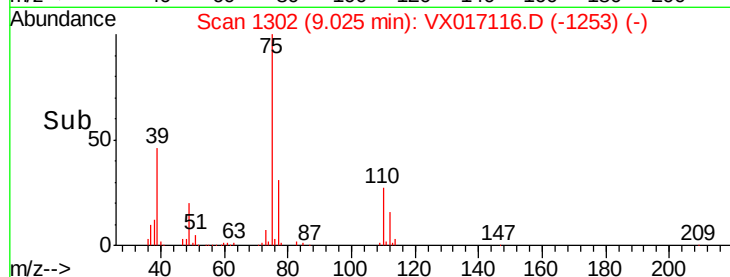
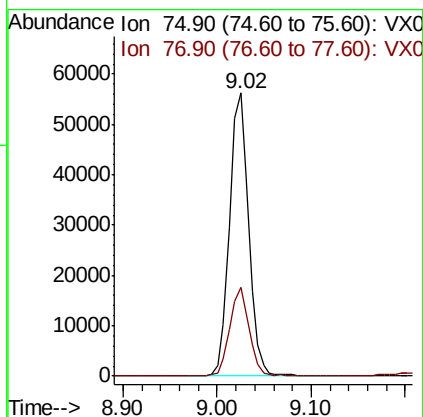
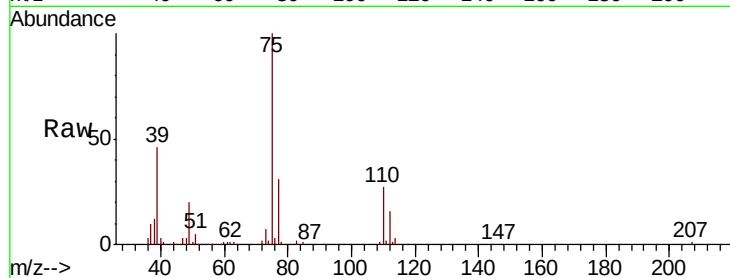
VX0701WBS02

Tot Ion: 75 Resp: 79677

Ion Ratio Lower Upper

75 100

77 31.2 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 18.930 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017116.D

Acq: 01 Jul 2020 22:50

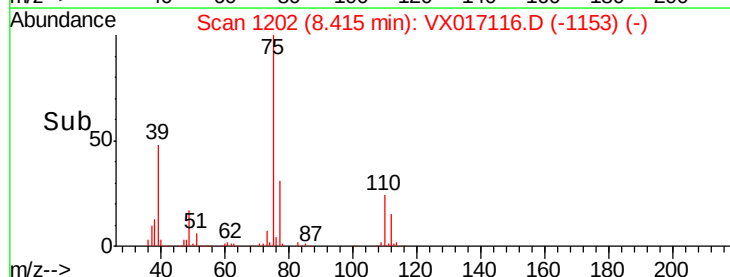
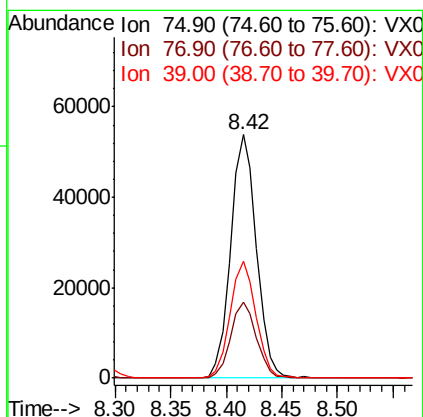
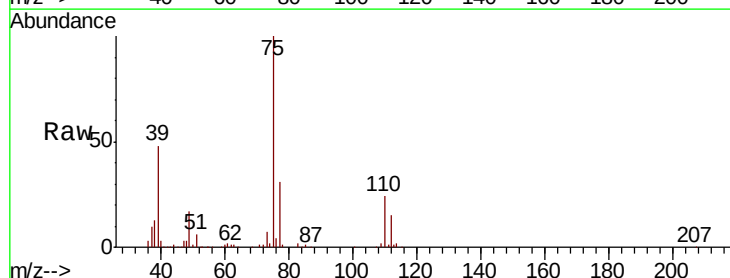
Tgt Ion: 75 Resp: 85837

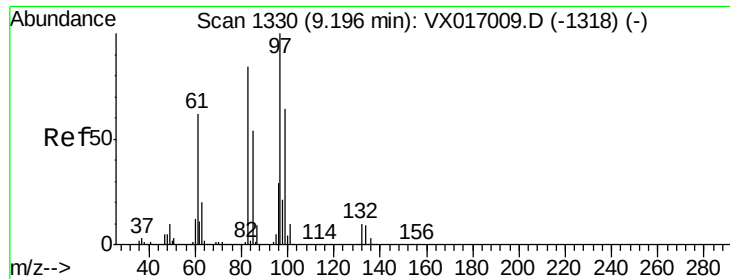
Ion Ratio Lower Upper

75 100

77 31.1 25.2 37.8

39 48.1 37.4 56.2

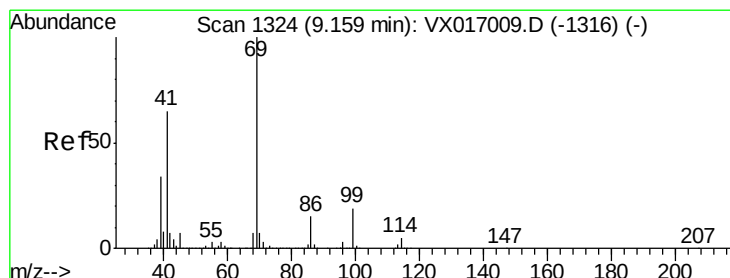
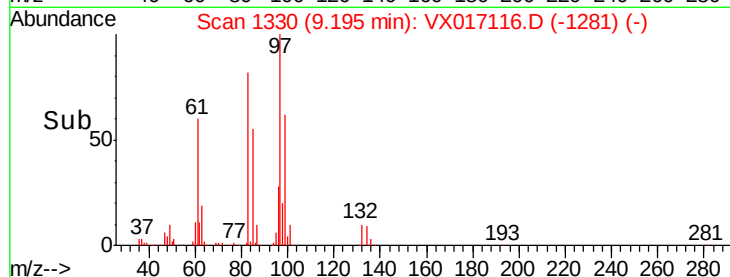
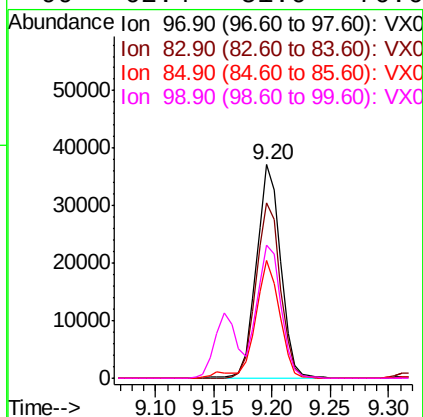
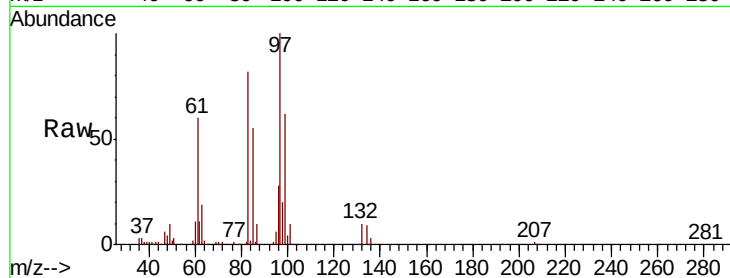




#55
 1,1,2-Trichloroethane
 Concen: 20.049 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017116.D
 Acq: 01 Jul 2020 22:50

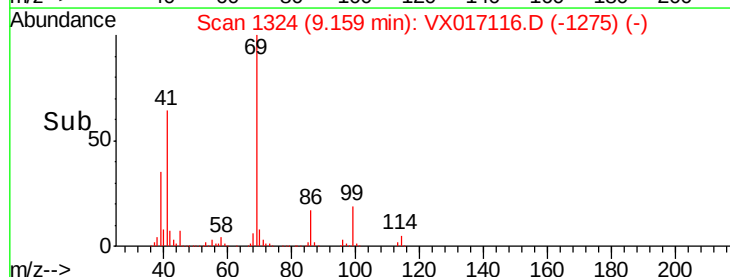
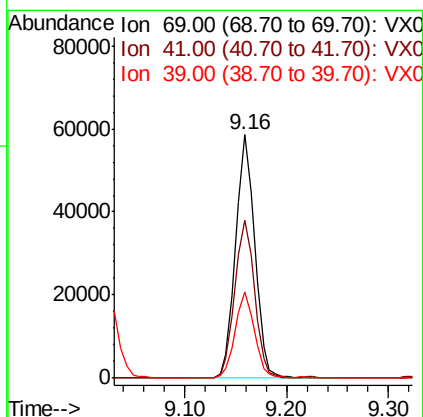
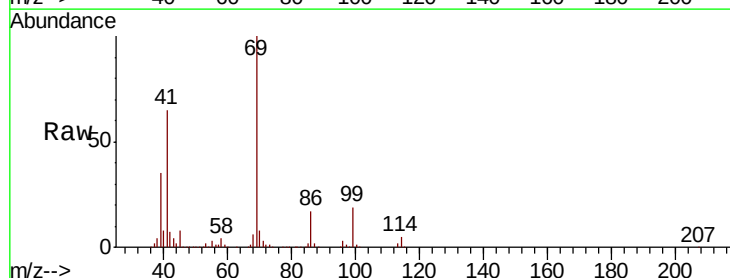
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBS02

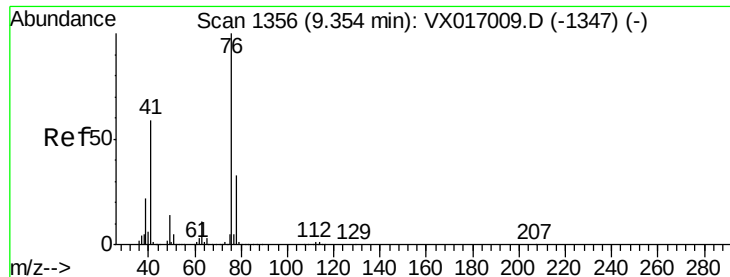
Tot Ion: 97 Resp: 54259
 Ion Ratio Lower Upper
 97 100
 83 82.1 67.0 100.6
 85 55.0 43.5 65.3
 99 62.4 51.0 76.6



#56
 Ethyl methacrylate
 Concen: 19.715 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017116.D
 Acq: 01 Jul 2020 22:50

Tgt Ion: 69 Resp: 75941
 Ion Ratio Lower Upper
 69 100
 41 66.2 53.6 80.4
 39 34.8 28.2 42.2





#57

1,3-Dichloropropane

Concen: 19.548 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017116.D

Acq: 01 Jul 2020 22:50

Instrument :

MSVOA_X

ClientSampleId :

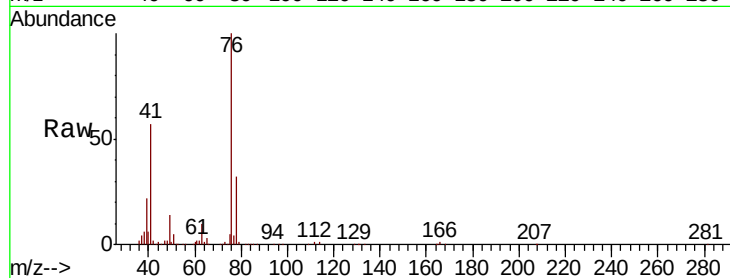
VX0701WBS02

Tot Ion: 76 Resp: 89517

Ion Ratio Lower Upper

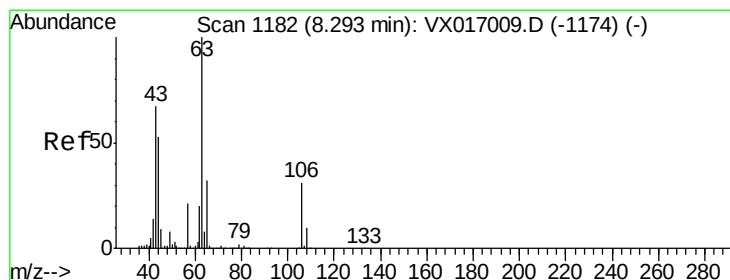
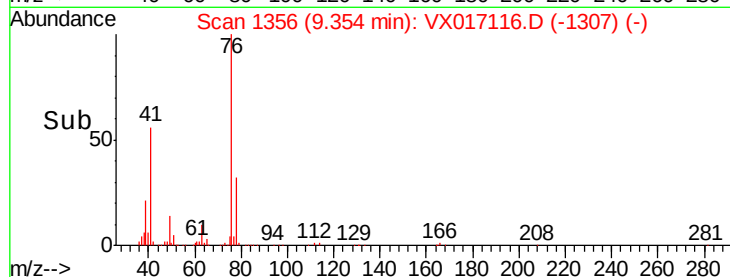
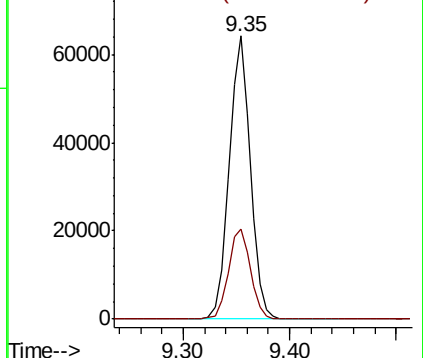
76 100

78 33.1 25.9 38.9



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: 97.694 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017116.D

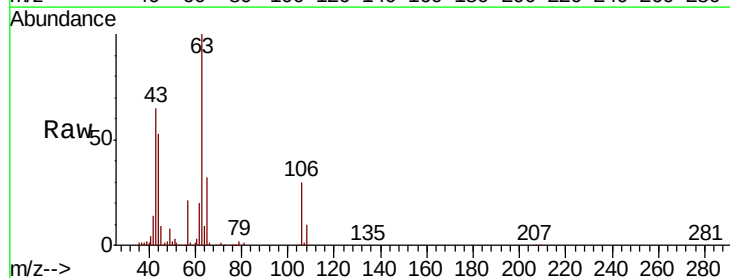
Acq: 01 Jul 2020 22:50

Tgt Ion: 63 Resp: 187289

Ion Ratio Lower Upper

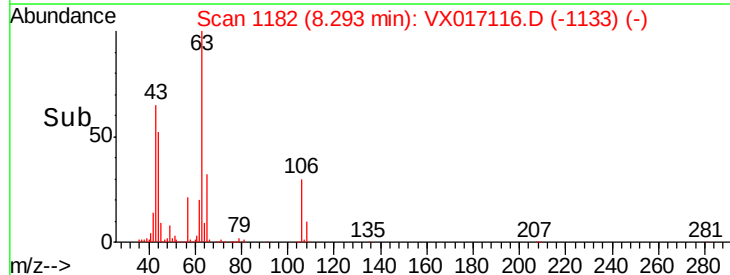
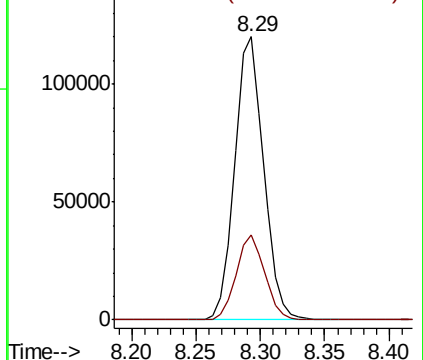
63 100

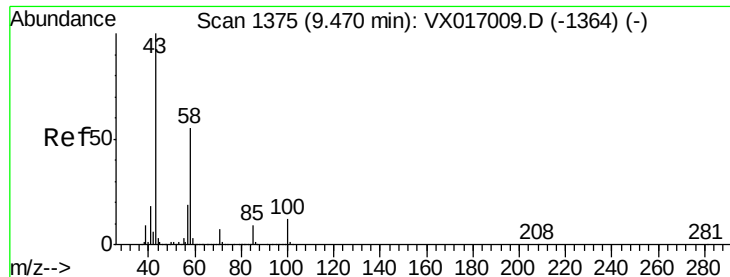
106 29.8 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

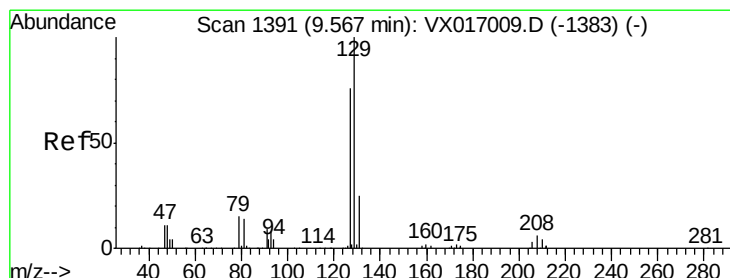
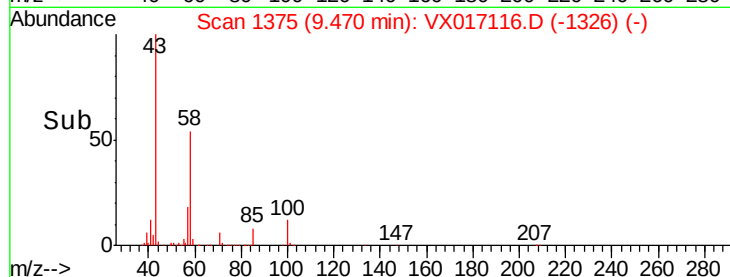
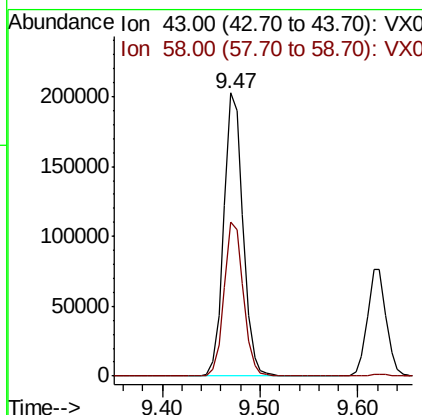
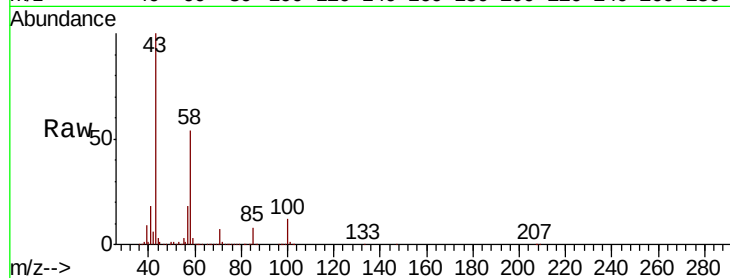




#59
2-Hexanone
Concen: 103.909 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017116.D
Acq: 01 Jul 2020 22:50

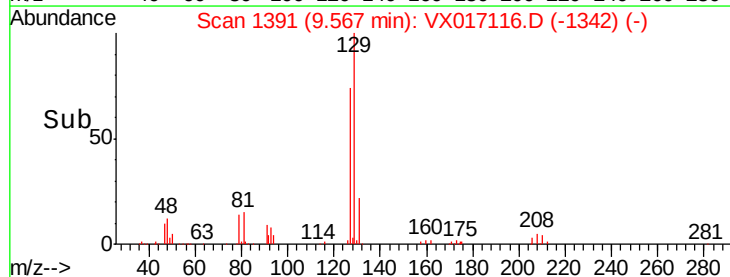
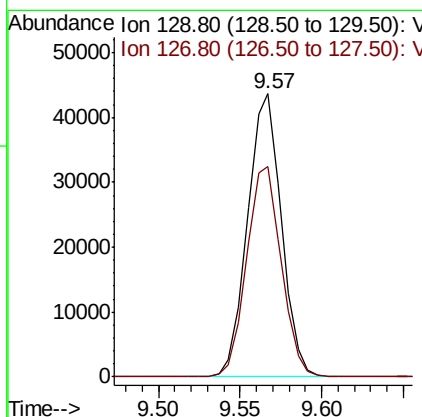
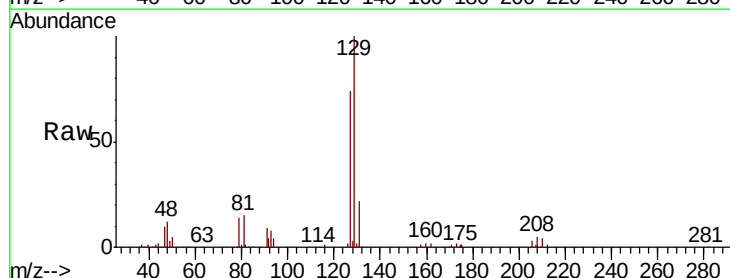
Instrument :
MSVOA_X
ClientSampleId :
VX0701WBS02

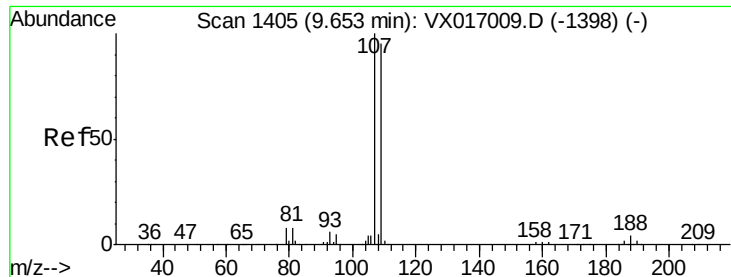
Tot Ion: 43 Resp: 275397
Ion Ratio Lower Upper
43 100
58 54.9 27.9 83.6



#60
Dibromochloromethane
Concen: 20.103 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017116.D
Acq: 01 Jul 2020 22:50

Tgt Ion: 129 Resp: 63188
Ion Ratio Lower Upper
129 100
127 76.1 38.9 116.7





#61

1,2-Dibromoethane

Concen: 19.712 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017116.D

Acq: 01 Jul 2020 22:50

Instrument :

MSVOA_X

ClientSampleId :

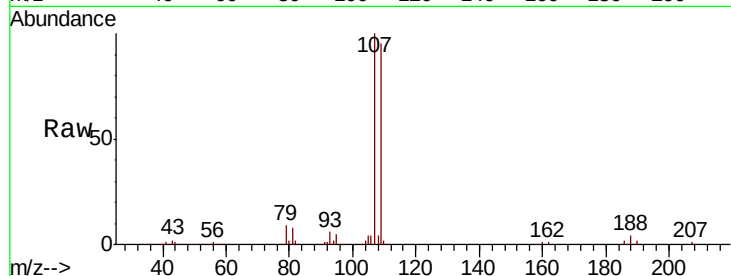
VX0701WBS02

Tot Ion:107 Resp: 57341

Ion Ratio Lower Upper

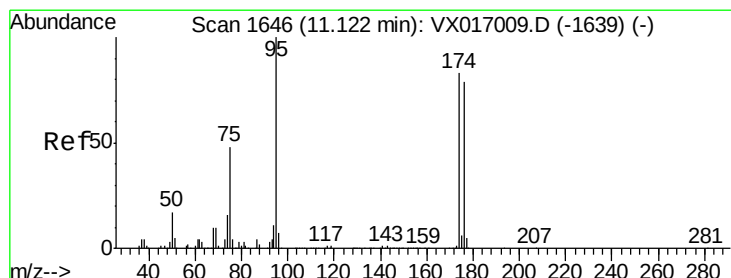
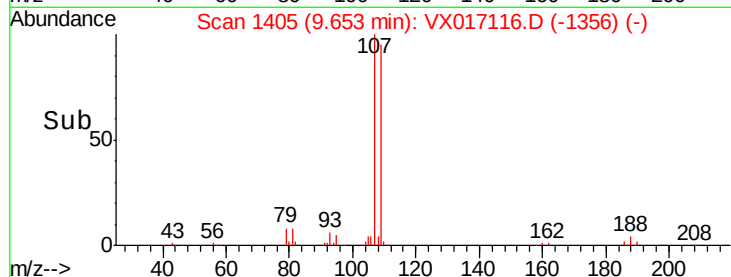
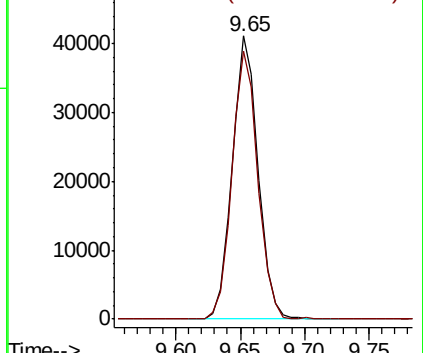
107 100

109 95.3 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.068 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017116.D

Acq: 01 Jul 2020 22:50

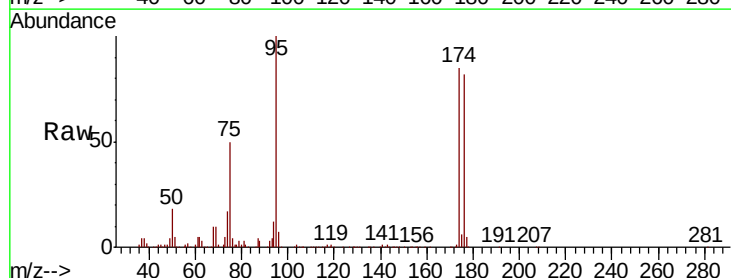
Tgt Ion: 95 Resp: 181898

Ion Ratio Lower Upper

95 100

174 83.5 0.0 164.0

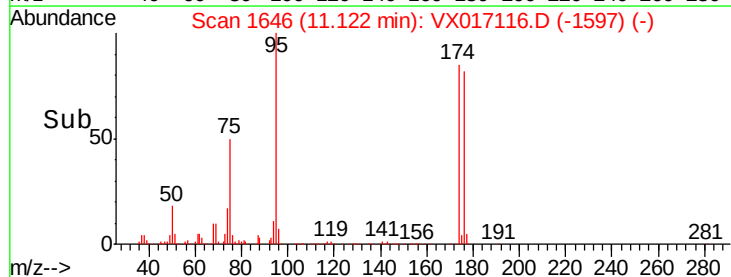
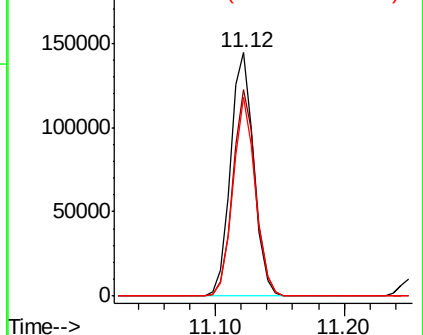
176 78.7 0.0 157.6

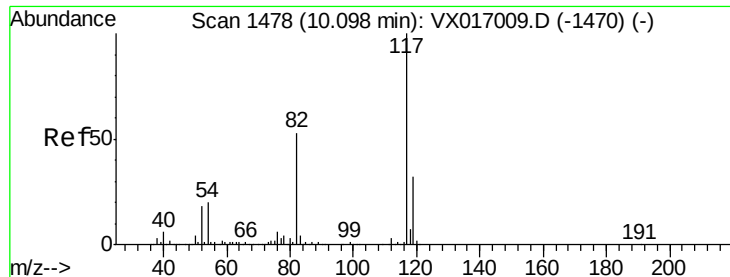


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

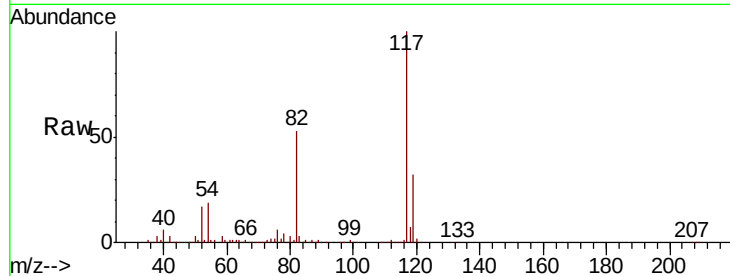




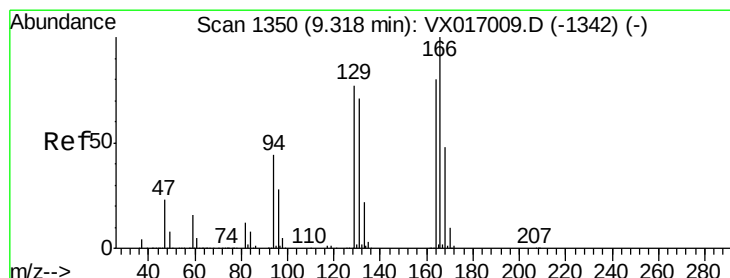
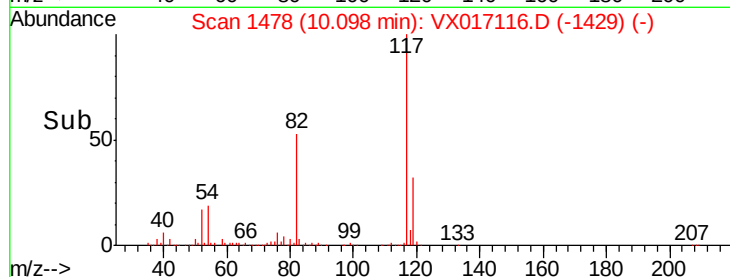
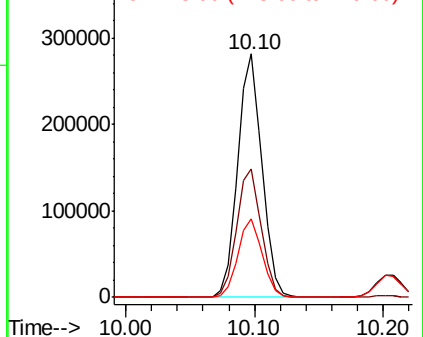
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017116.D
Acq: 01 Jul 2020 22:50

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBS02

Tot Ion:117 Resp: 367473
Ion Ratio Lower Upper
117 100
82 52.9 42.6 63.8
119 32.3 25.4 38.2

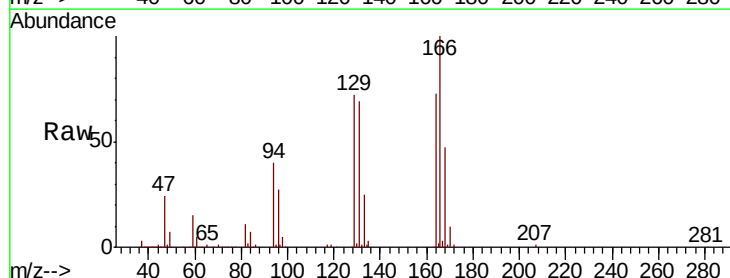


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

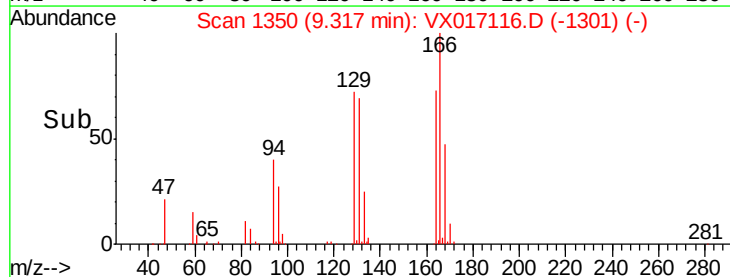
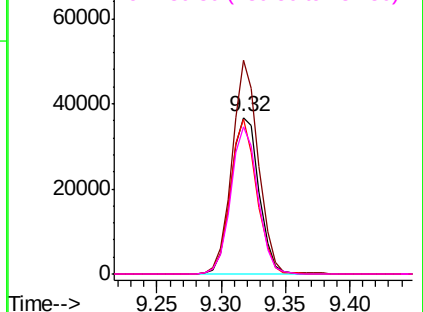


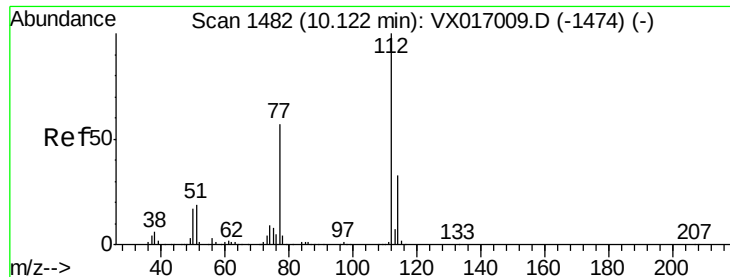
#64
Tetrachloroethene
Concen: 18.829 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017116.D
Acq: 01 Jul 2020 22:50

Tgt Ion:164 Resp: 55843
Ion Ratio Lower Upper
164 100
166 136.7 99.4 149.0
129 98.8 76.3 114.5
131 94.2 70.6 105.8



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: 18.913 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017116.D

Acq: 01 Jul 2020 22:50

Instrument :

MSVOA_X

ClientSampleId :

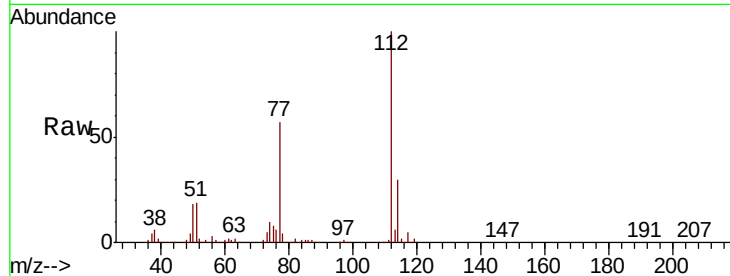
VX0701WBS02

Tot Ion:112 Resp: 143442

Ion Ratio Lower Upper

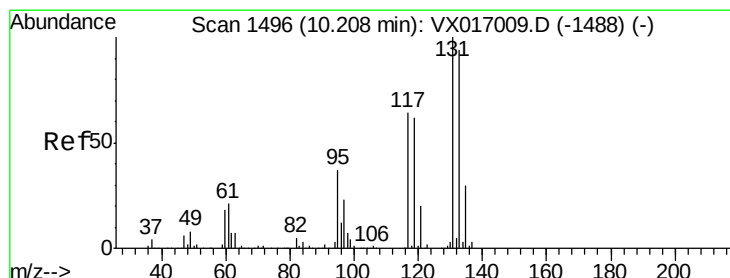
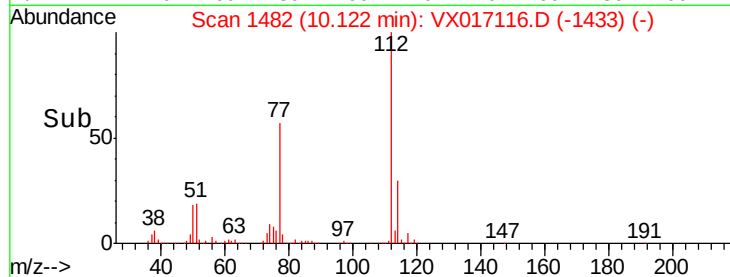
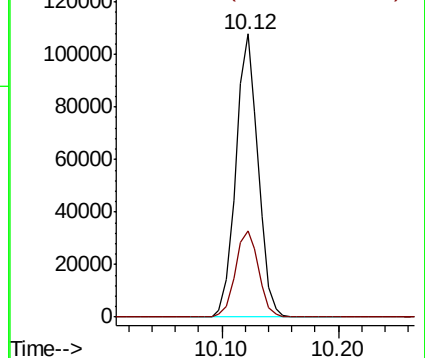
112 100

114 30.5 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.189 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX017116.D

Acq: 01 Jul 2020 22:50

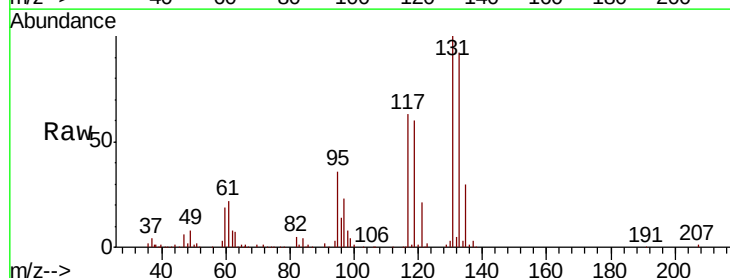
Tgt Ion:131 Resp: 56087

Ion Ratio Lower Upper

131 100

133 95.5 47.3 141.9

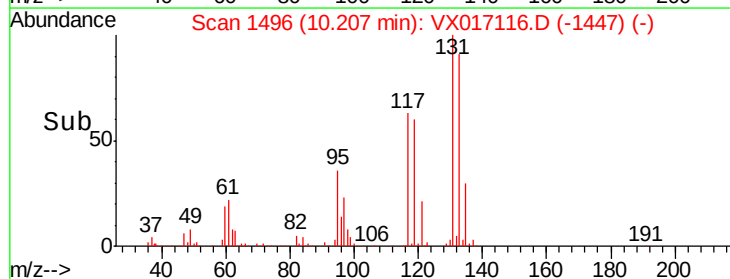
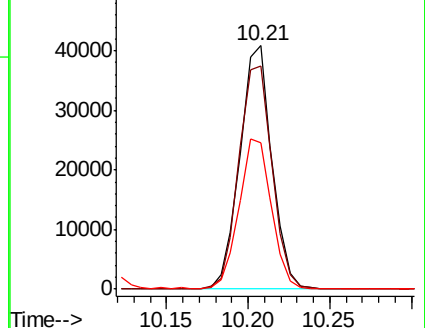
119 62.6 31.9 95.5

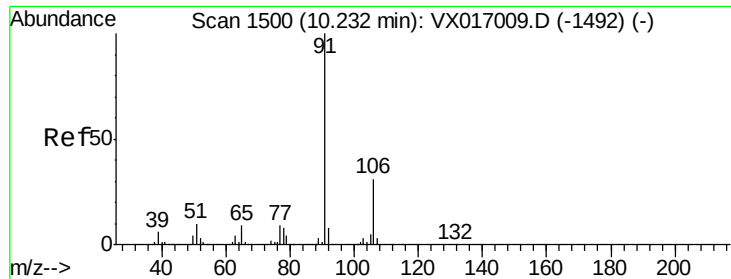


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.254 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX017116.D

Acq: 01 Jul 2020 22:50

Instrument :

MSVOA_X

ClientSampled :

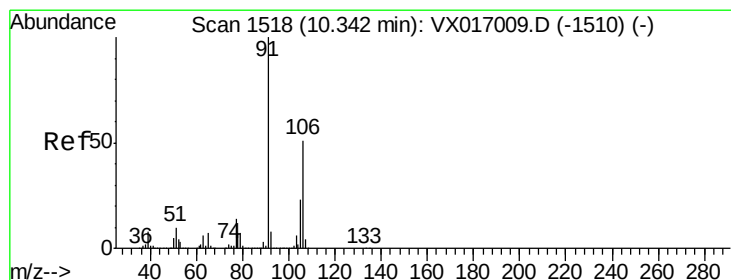
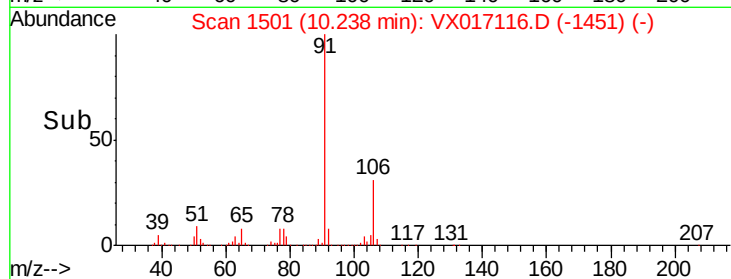
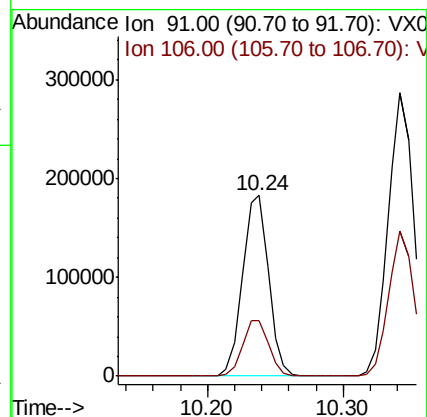
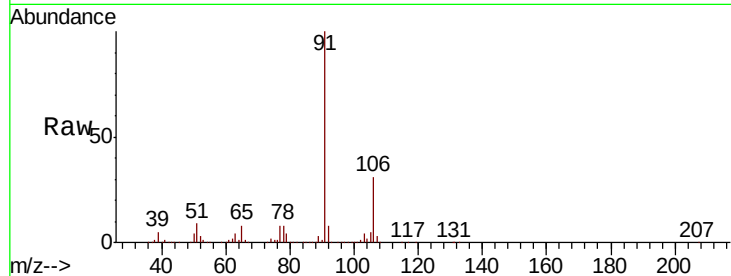
VX0701WBS02

Tot Ion: 91 Resp: 243866

Ion Ratio Lower Upper

91 100

106 30.8 24.7 37.1



#68

m/p-Xylenes

Concen: 39.146 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017116.D

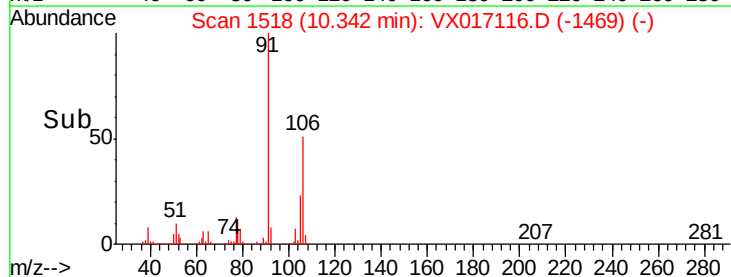
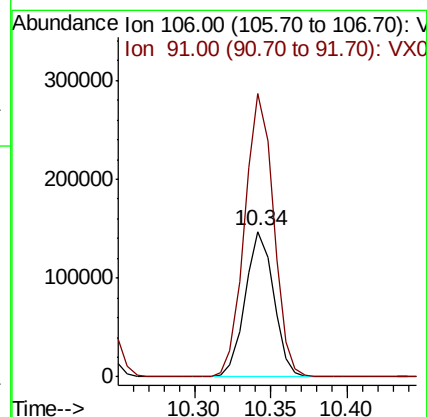
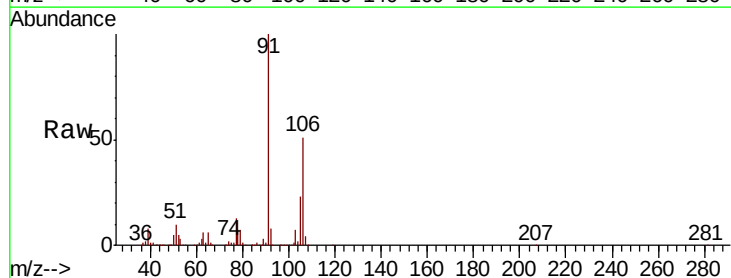
Acq: 01 Jul 2020 22:50

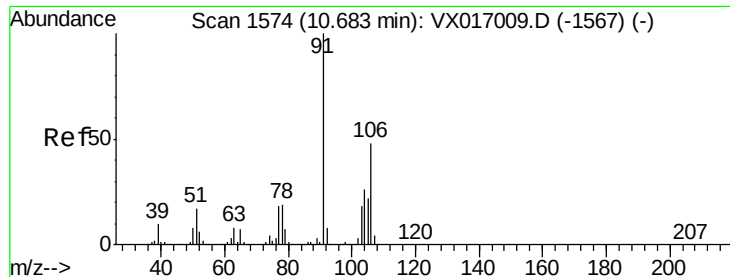
Tgt Ion: 106 Resp: 190379

Ion Ratio Lower Upper

106 100

91 197.6 158.6 238.0

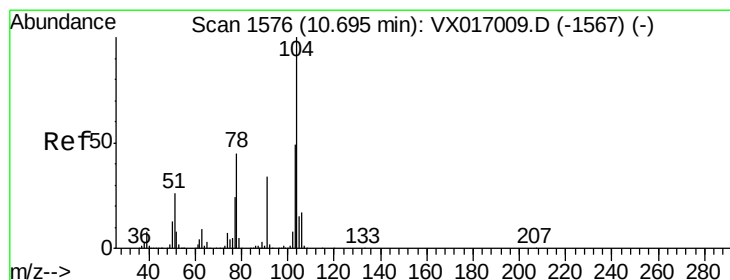
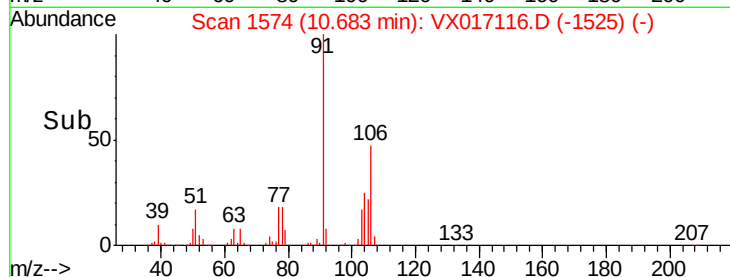
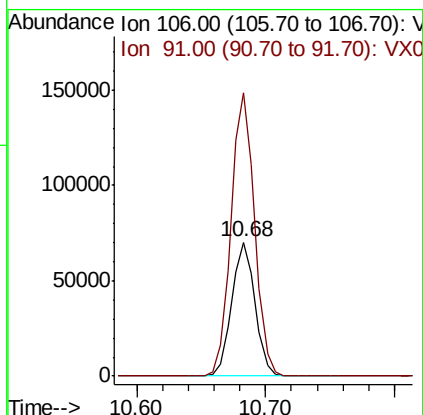
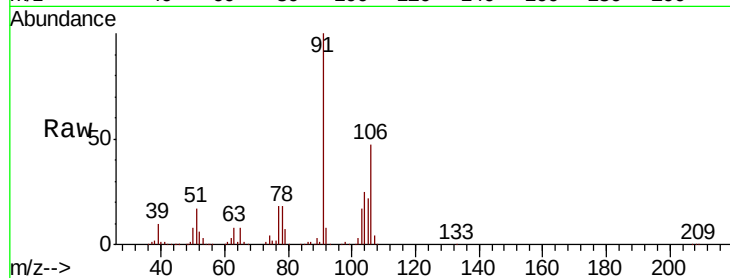




#69
o-Xylene
Concen: 19.141 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017116.D
Acq: 01 Jul 2020 22:50

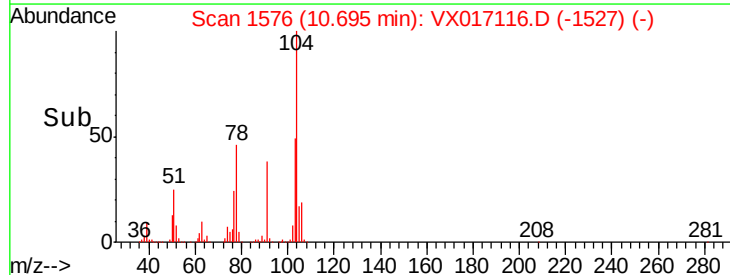
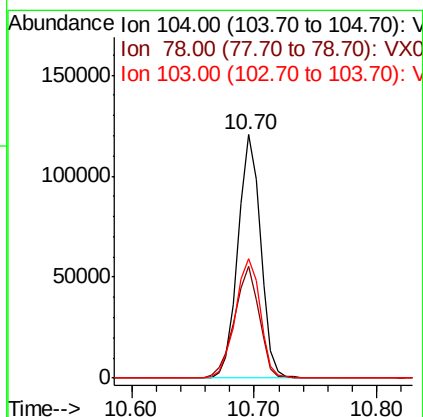
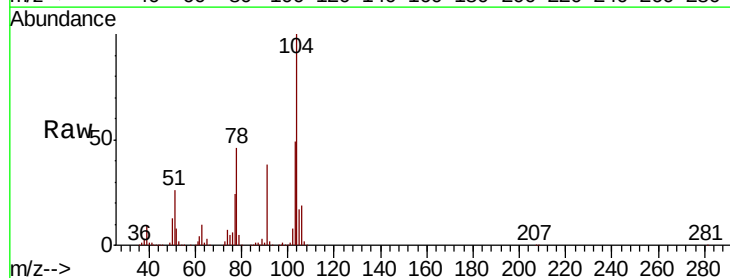
Instrument :
MSVOA_X
ClientSampleId :
VX0701WBS02

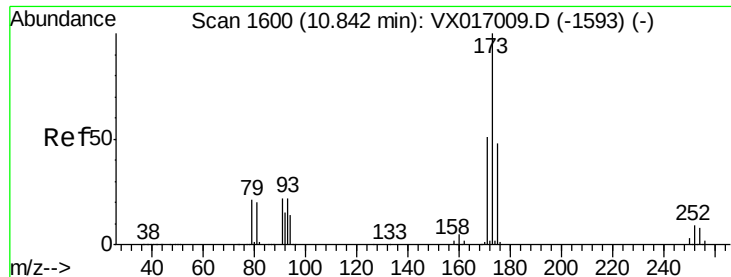
Tot Ion:106 Resp: 88555
Ion Ratio Lower Upper
106 100
91 215.1 105.6 316.7



#70
Styrene
Concen: 19.559 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017116.D
Acq: 01 Jul 2020 22:50

Tgt Ion:104 Resp: 154095
Ion Ratio Lower Upper
104 100
78 50.1 39.5 59.3
103 54.3 43.0 64.6





#71

Bromoform

Concen: 20.464 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017116.D

Acq: 01 Jul 2020 22:50

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBS02

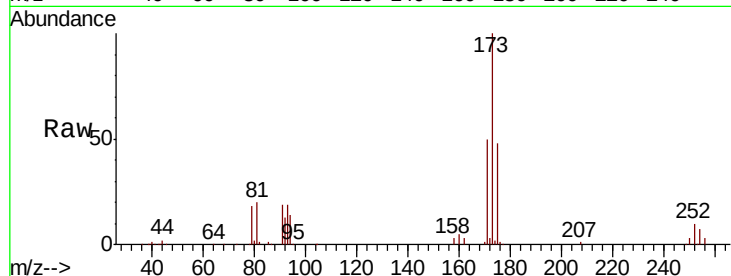
Tot Ion:173 Resp: 47434

Ion Ratio Lower Upper

173 100

175 48.7 24.5 73.5

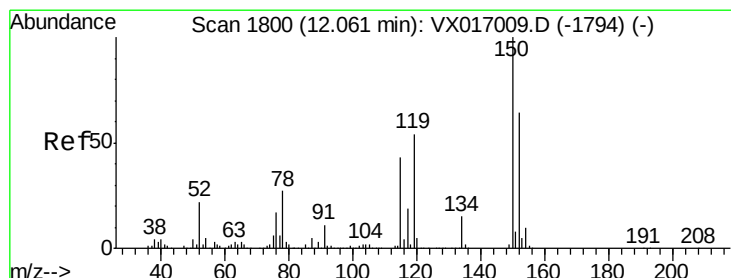
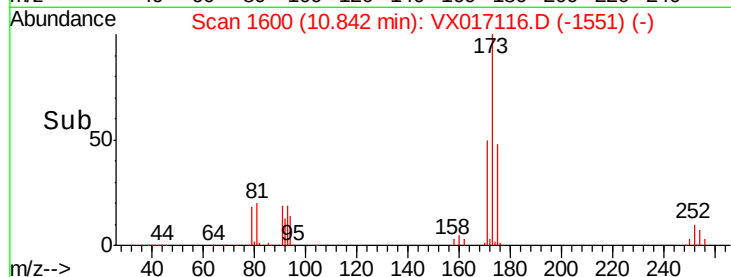
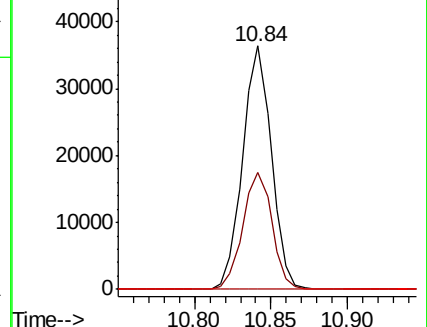
254 0.0 0.1 0.1#



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: VX017116.D

Acq: 01 Jul 2020 22:50

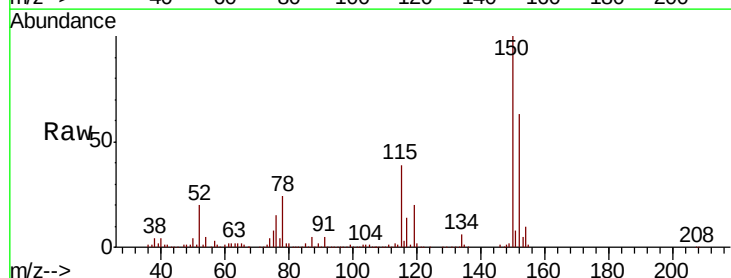
Tgt Ion:152 Resp: 195099

Ion Ratio Lower Upper

152 100

115 66.2 40.9 122.7

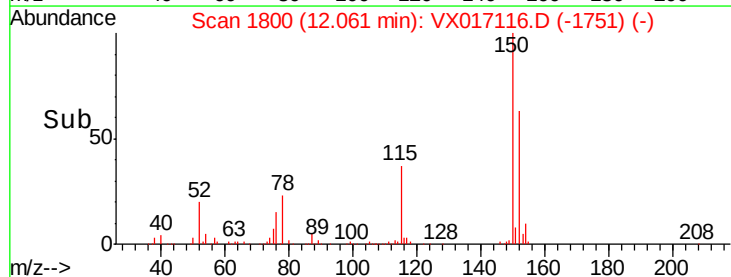
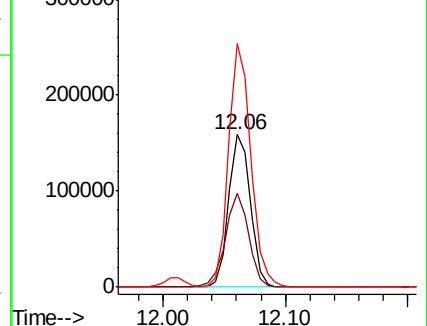
150 164.0 0.0 351.6

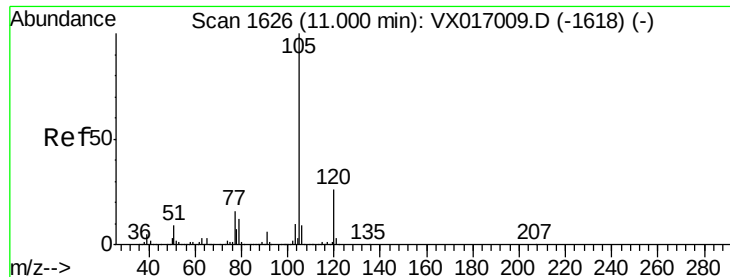


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.776 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017116.D

Acq: 01 Jul 2020 22:50

Instrument :

MSVOA_X

ClientSampleId :

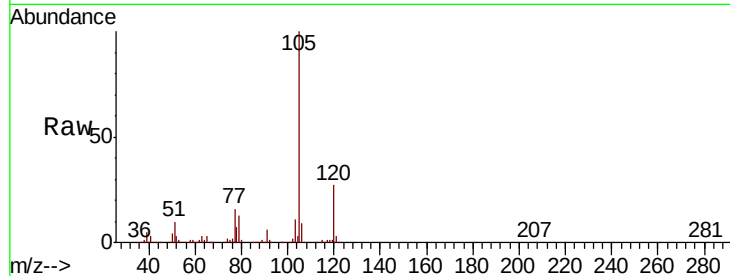
VX0701WBS02

Tot Ion:105 Resp: 239943

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

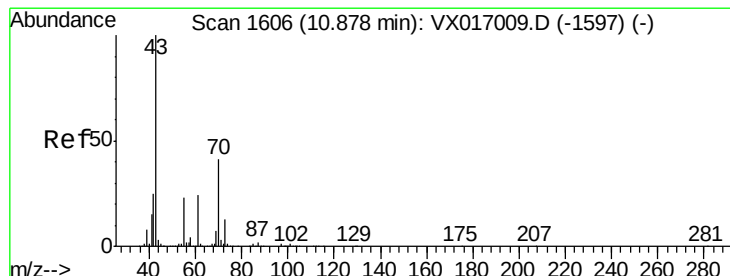
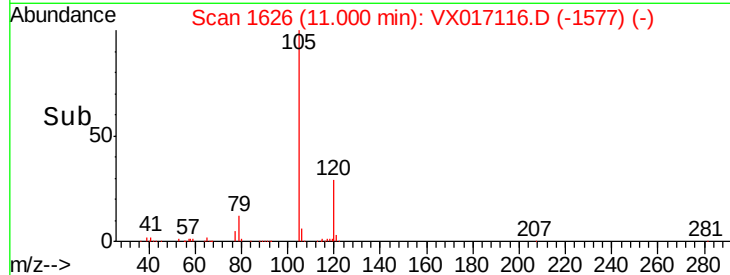
50000

0

11.00

10.95 11.00 11.05

Time-->



#74

N-ethyl acetate

Concen: 18.195 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017116.D

Acq: 01 Jul 2020 22:50

Tgt Ion: 43 Resp: 99211

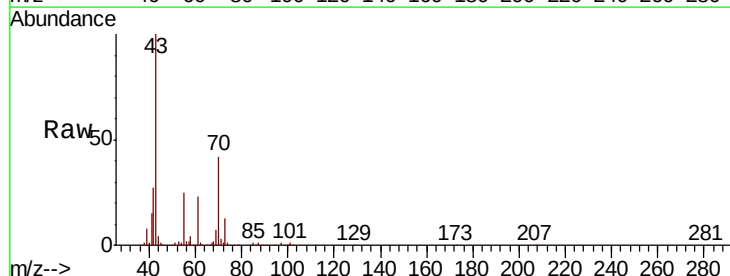
Ion Ratio Lower Upper

43 100

70 43.7 34.2 51.2

55 25.3 19.2 28.8

61 24.4 19.6 29.4



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

120000

100000

80000

60000

40000

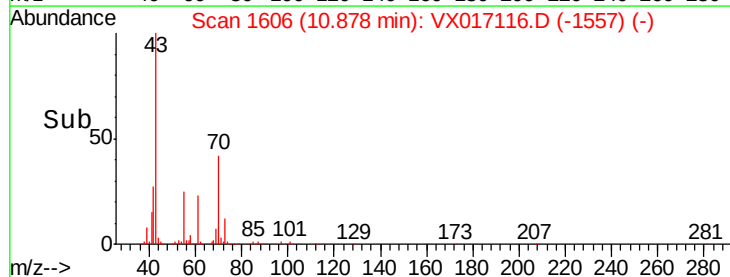
20000

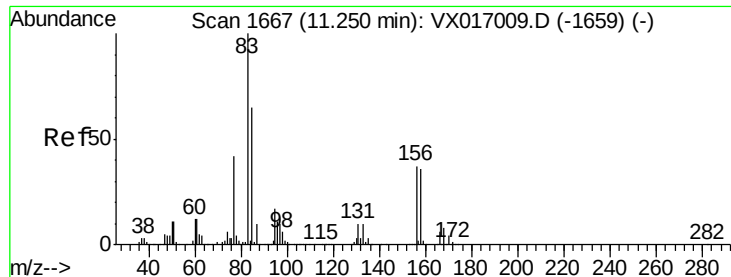
0

10.88

10.80 10.90

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.991 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017116.D

Acq: 01 Jul 2020 22:50

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBS02

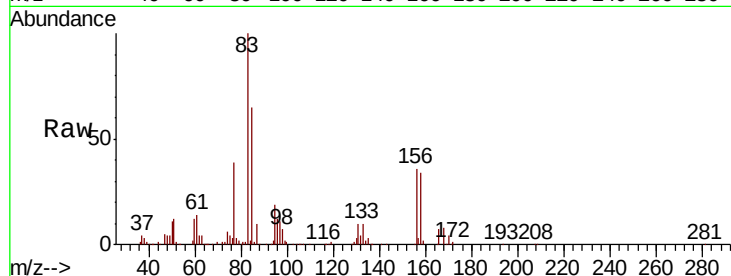
Tot Ion: 83 Resp: 76340

Ion Ratio Lower Upper

83 100

131 10.3 5.4 16.2

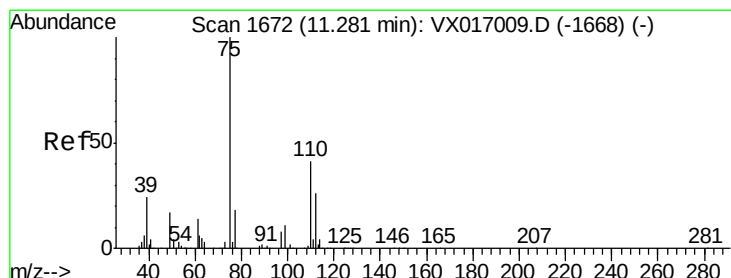
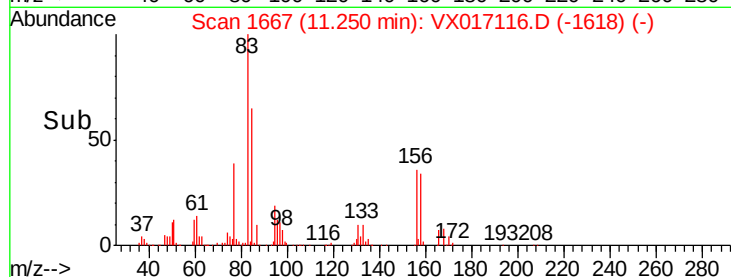
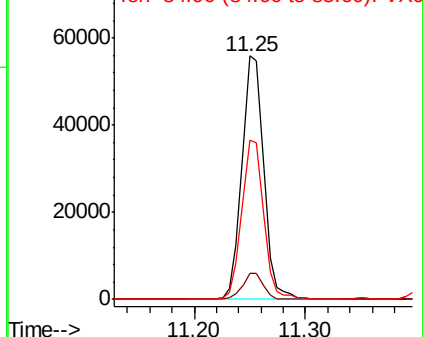
85 65.4 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.528 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017116.D

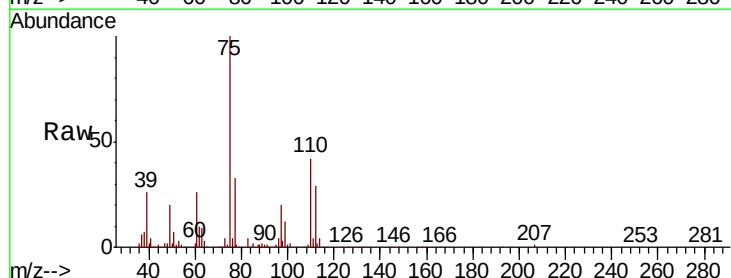
Acq: 01 Jul 2020 22:50

Tgt Ion: 75 Resp: 90266

Ion Ratio Lower Upper

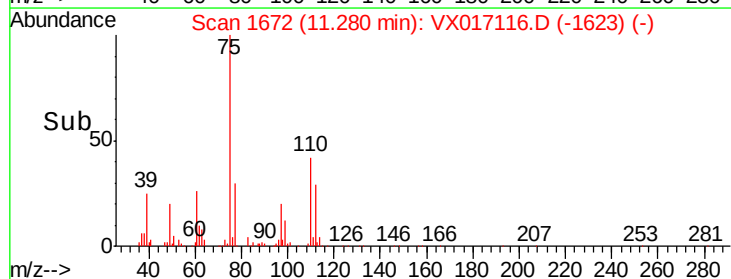
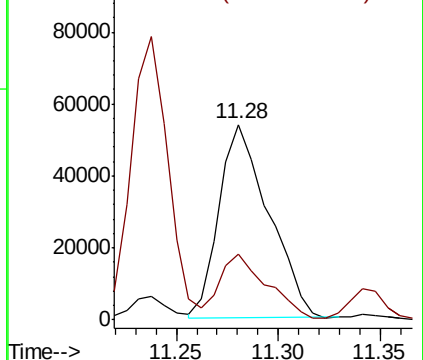
75 100

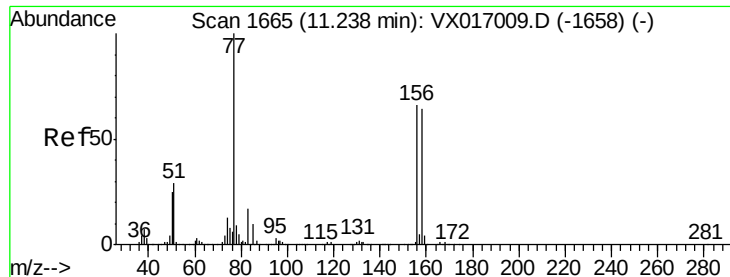
77 32.7 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.828 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017116.D

Acq: 01 Jul 2020 22:50

Instrument :

MSVOA_X

ClientSampled :

VX0701WBS02

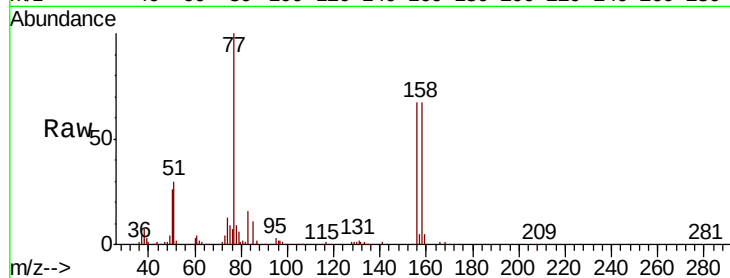
Tot Ion:156 Resp: 66129

Ion Ratio Lower Upper

156 100

77 150.8 76.9 230.7

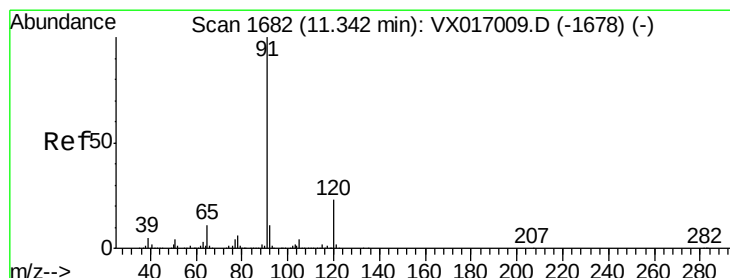
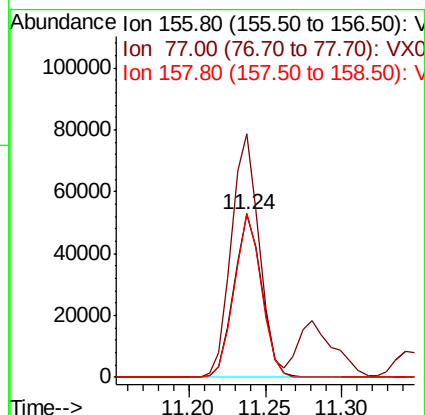
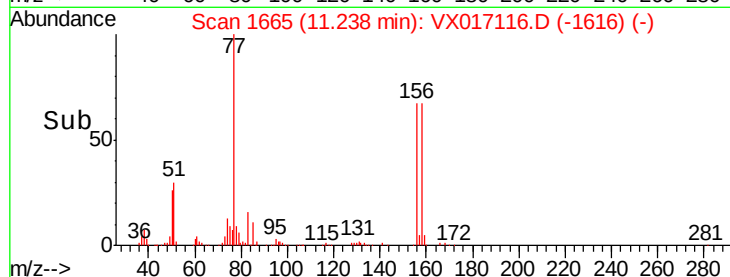
158 98.4 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.925 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017116.D

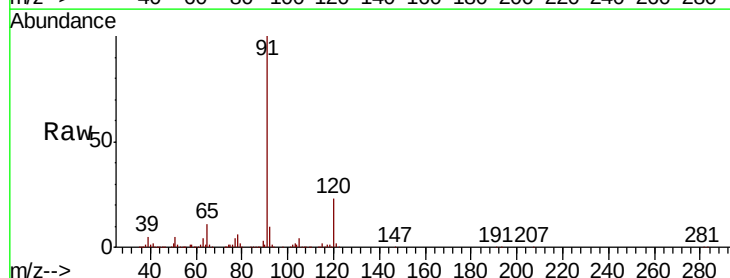
Acq: 01 Jul 2020 22:50

Tgt Ion: 91 Resp: 273483

Ion Ratio Lower Upper

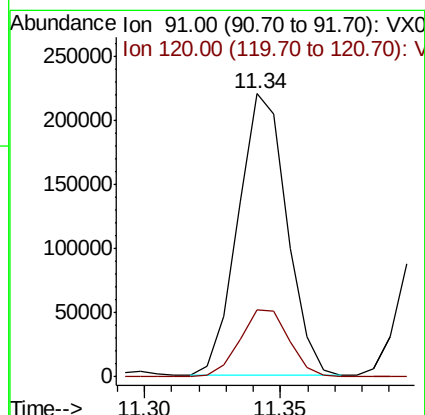
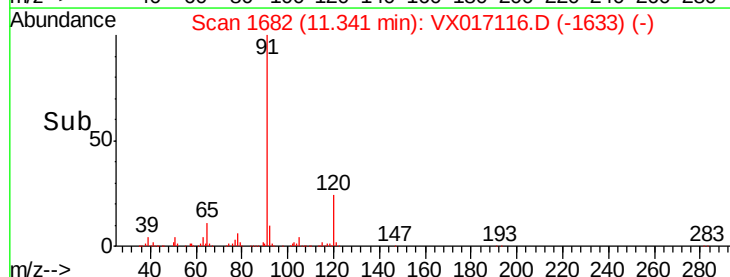
91 100

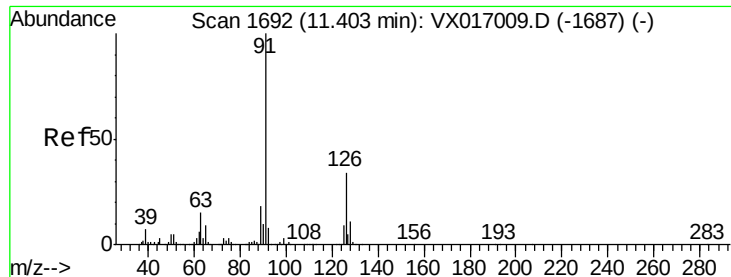
120 24.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.269 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017116.D

Acq: 01 Jul 2020 22:50

Instrument :

MSVOA_X

ClientSampleId :

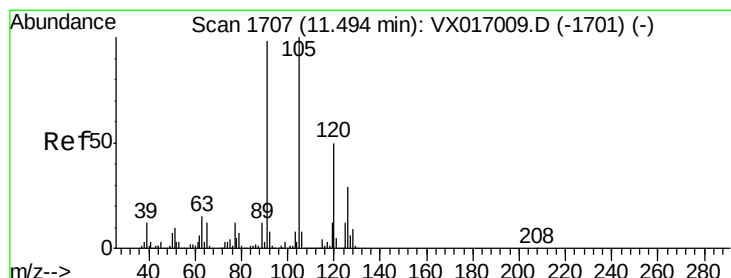
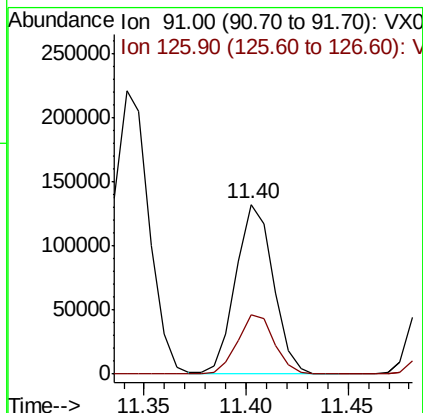
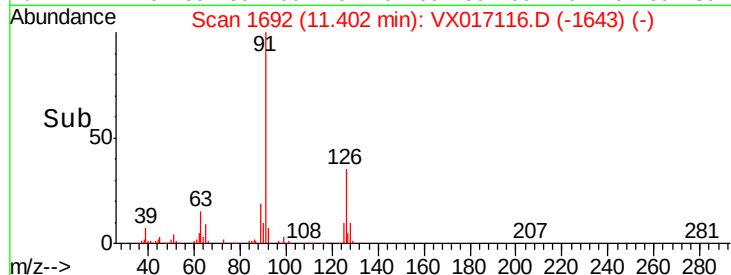
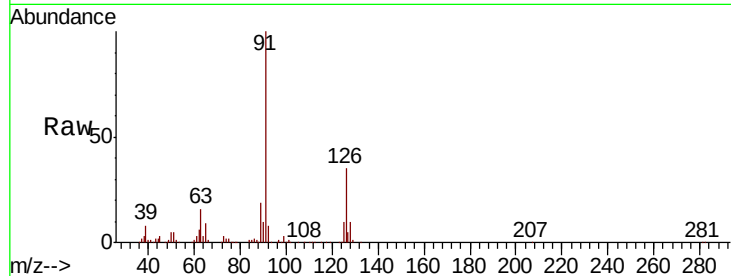
VX0701WBS02

Tot Ion: 91 Resp: 168527

Ion Ratio Lower Upper

91 100

126 34.5 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 19.658 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017116.D

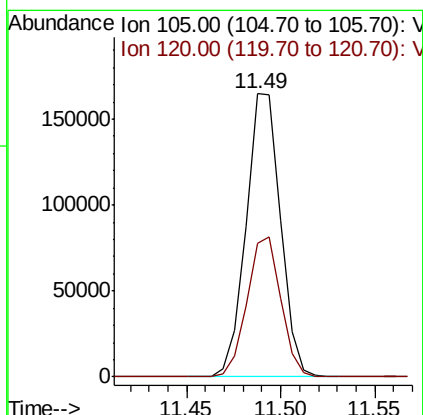
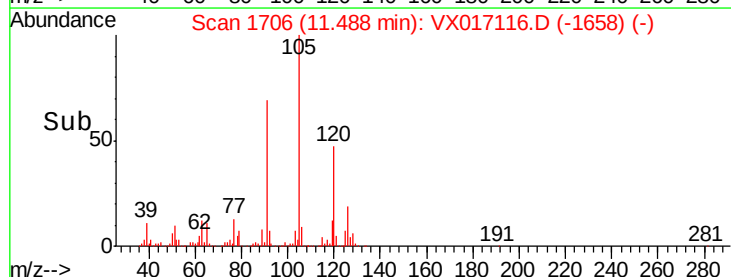
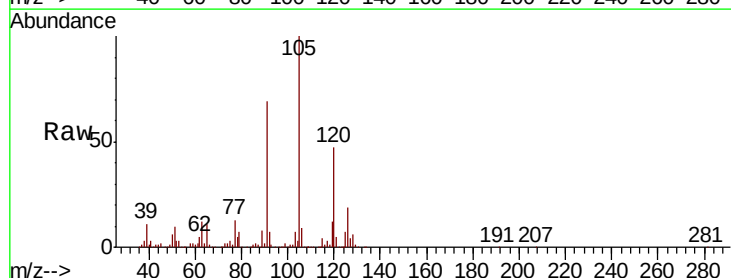
Acq: 01 Jul 2020 22:50

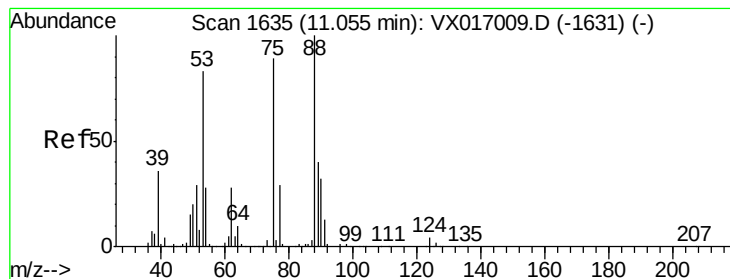
Tgt Ion: 105 Resp: 208378

Ion Ratio Lower Upper

105 100

120 48.8 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.848 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX017116.D

Acq: 01 Jul 2020 22:50

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBS02

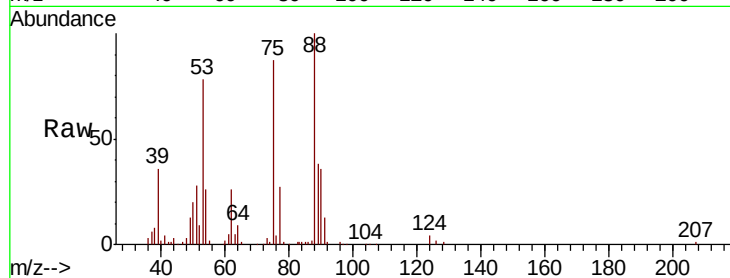
Tot Ion: 75 Resp: 26441

Ion Ratio Lower Upper

75 100

53 94.3 72.4 108.6

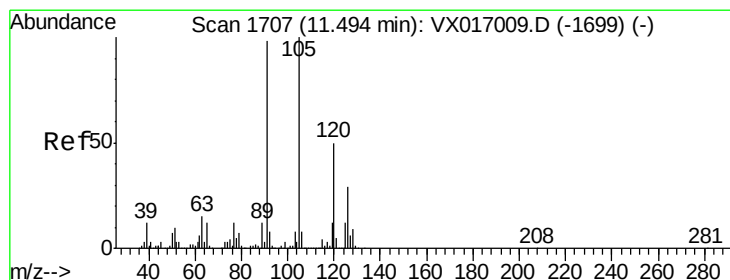
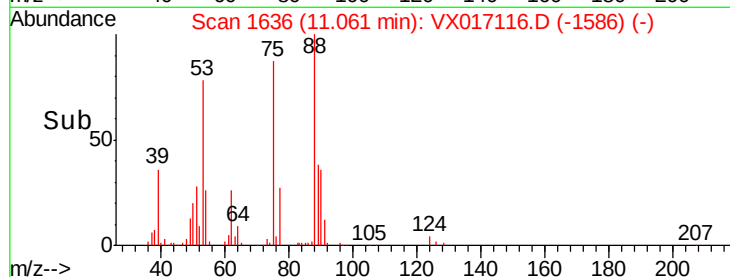
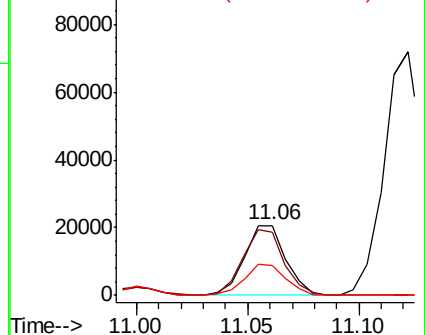
89 45.1 37.0 55.4



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: 19.107 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017116.D

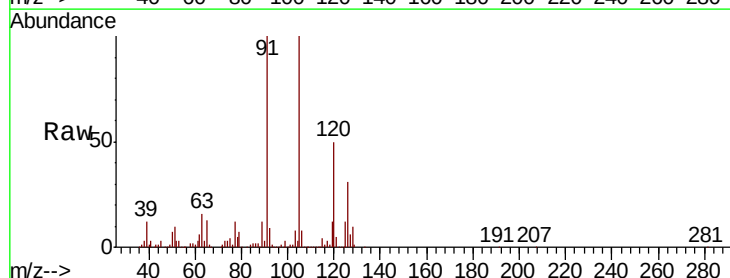
Acq: 01 Jul 2020 22:50

Tgt Ion: 91 Resp: 199769

Ion Ratio Lower Upper

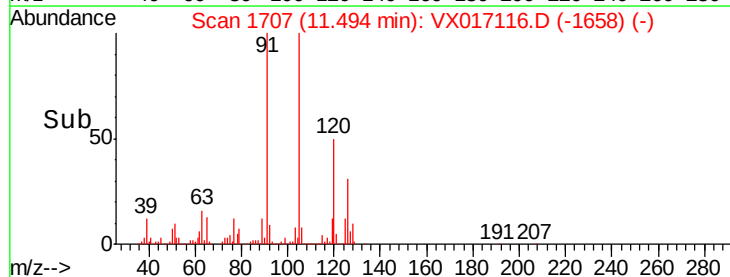
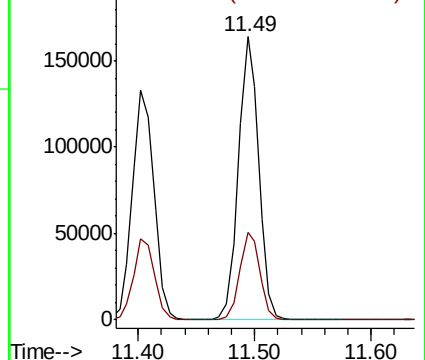
91 100

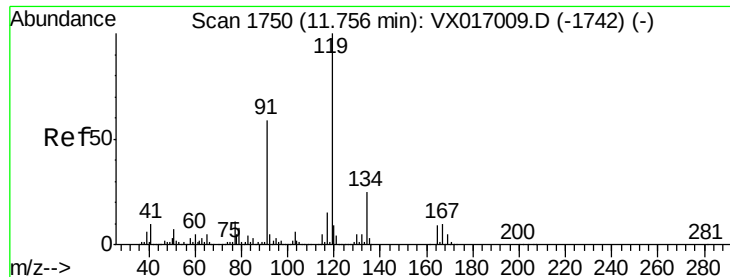
126 30.7 15.2 45.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.053 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX017116.D

Acq: 01 Jul 2020 22:50

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBS02

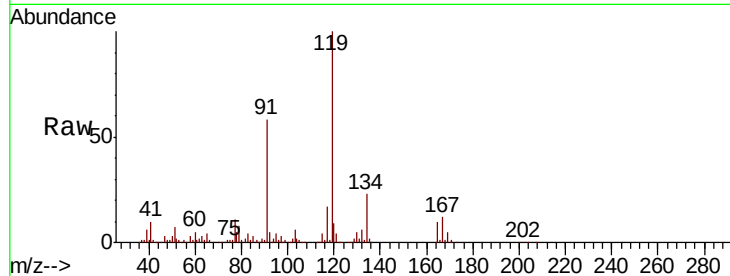
Tot Ion:119 Resp: 198253

Ion Ratio Lower Upper

119 100

91 57.0 28.3 84.9

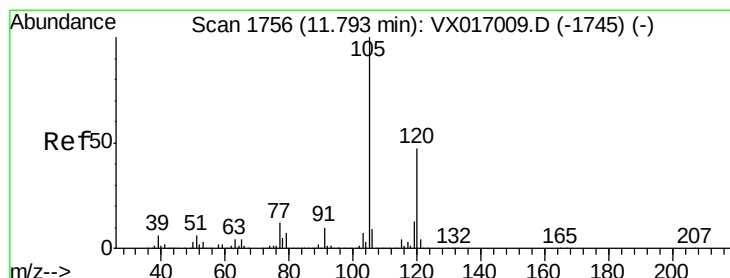
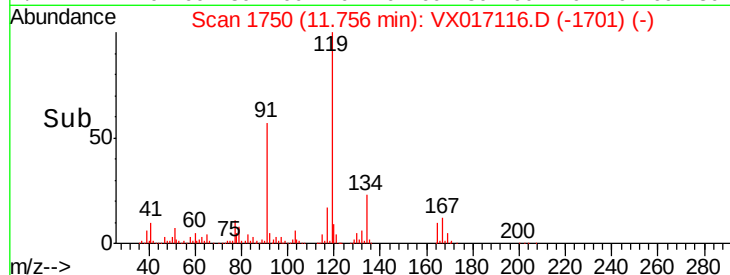
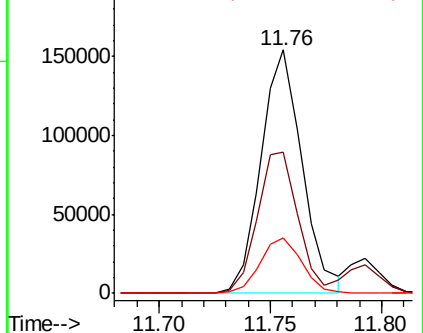
134 23.1 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.687 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017116.D

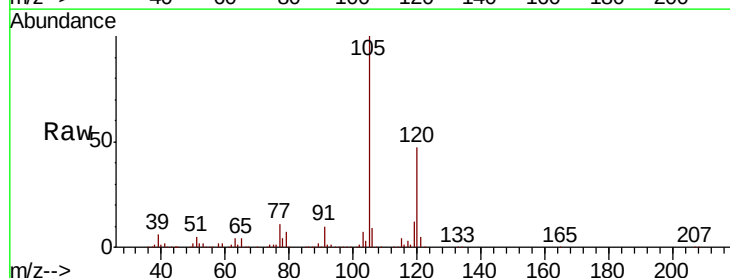
Acq: 01 Jul 2020 22:50

Tgt Ion:105 Resp: 211711

Ion Ratio Lower Upper

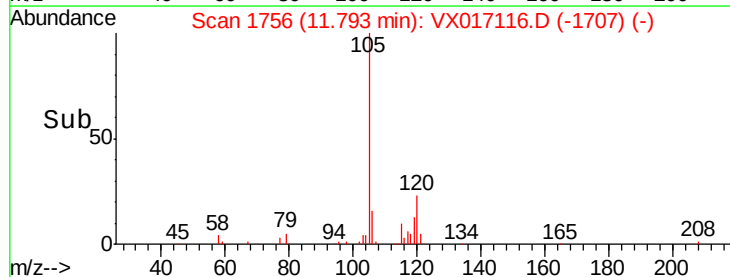
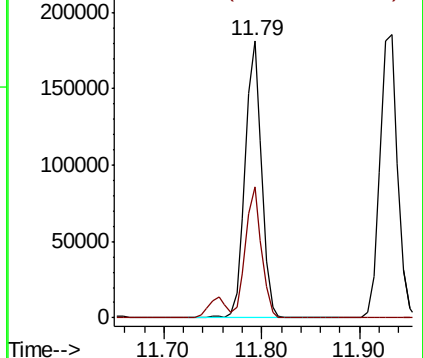
105 100

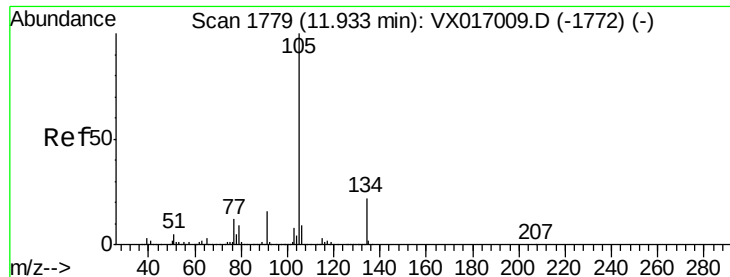
120 46.0 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.938 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017116.D

Acq: 01 Jul 2020 22:50

Instrument :

MSVOA_X

ClientSampleId :

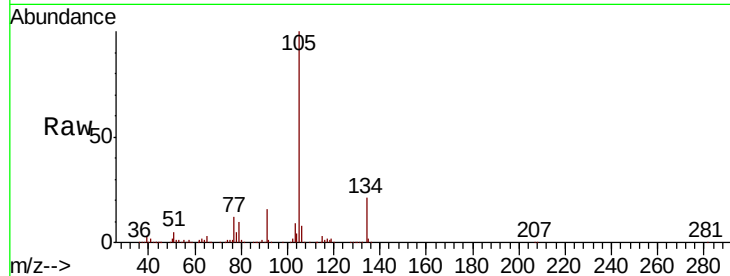
VX0701WBS02

Tot Ion:105 Resp: 231641

Ion Ratio Lower Upper

105 100

134 20.7 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

200000

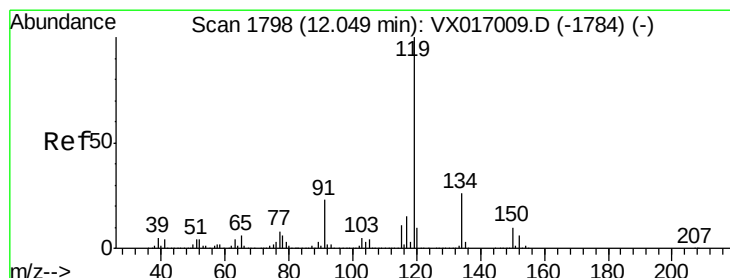
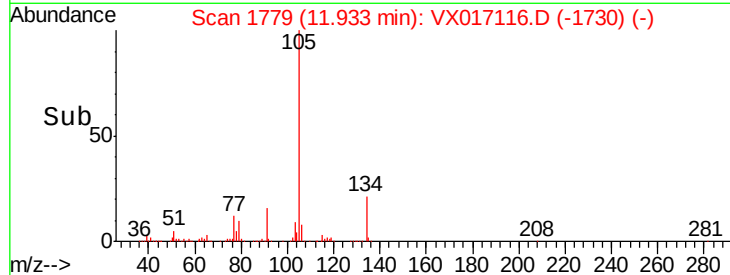
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.167 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017116.D

Acq: 01 Jul 2020 22:50

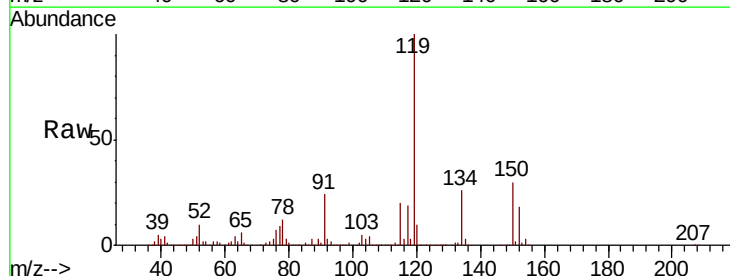
Tgt Ion:119 Resp: 218249

Ion Ratio Lower Upper

119 100

134 26.1 13.2 39.5

91 24.1 11.8 35.4



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

250000

200000

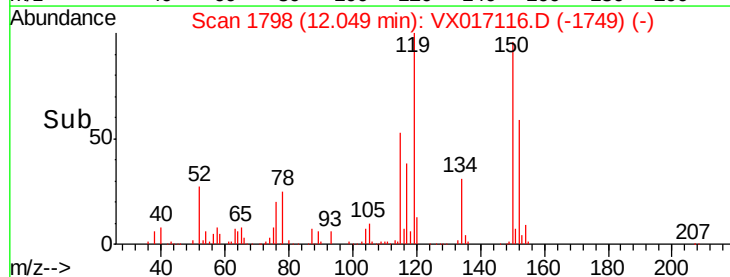
150000

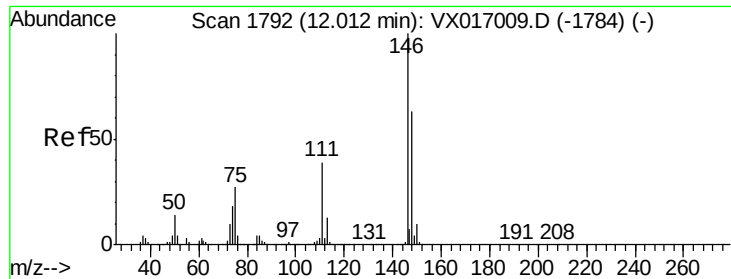
100000

50000

0

Time-->

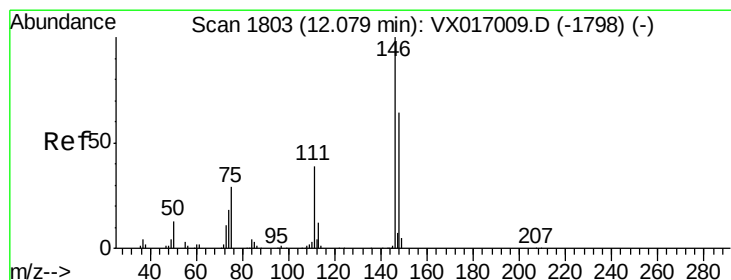
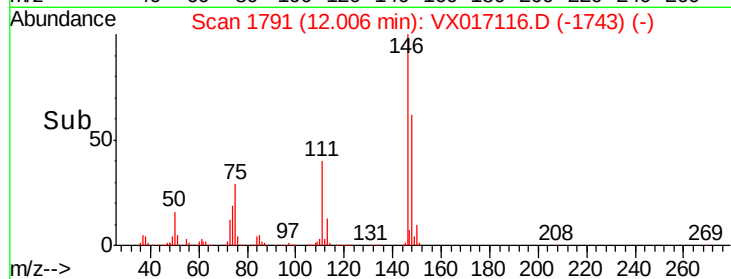
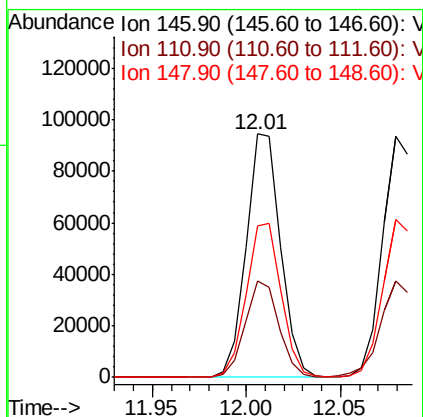
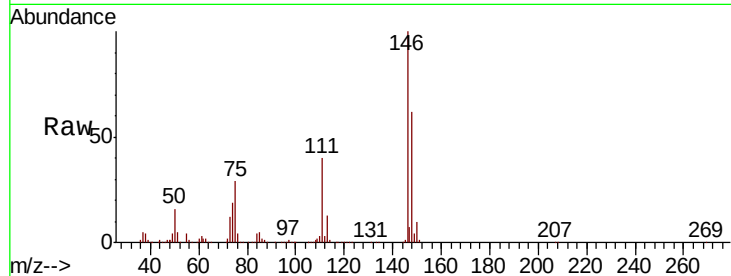




#87
 1,3-Dichlorobenzene
 Concen: 18.730 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX017116.D
 Acq: 01 Jul 2020 22:50

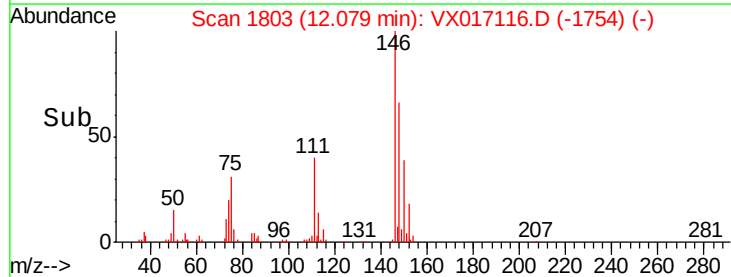
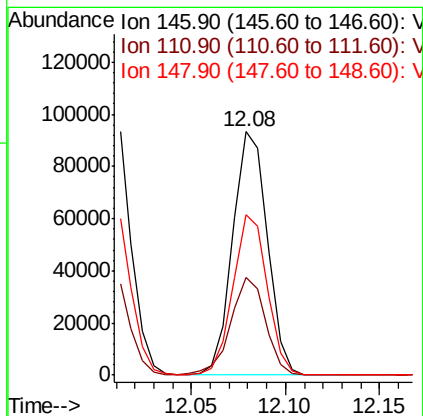
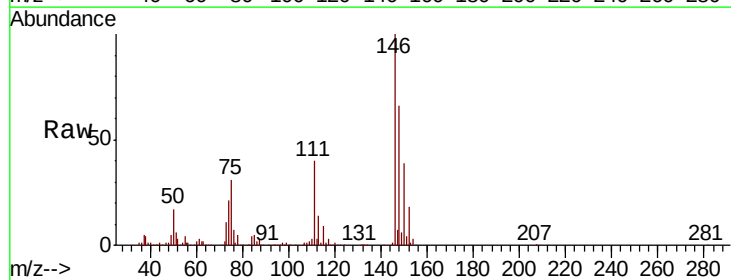
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBS02

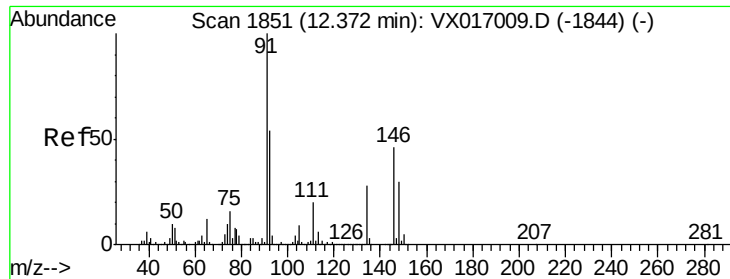
Tot Ion:146 Resp: 119476
 Ion Ratio Lower Upper
 146 100
 111 39.1 20.4 61.2
 148 64.1 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 19.705 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017116.D
 Acq: 01 Jul 2020 22:50

Tgt Ion:146 Resp: 119235
 Ion Ratio Lower Upper
 146 100
 111 40.7 19.5 58.5
 148 65.3 31.9 95.7





#89

n-Butylbenzene

Concen: 17.901 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX017116.D

Acq: 01 Jul 2020 22:50

Instrument :

MSVOA_X

ClientSampled :

VX0701WBS02

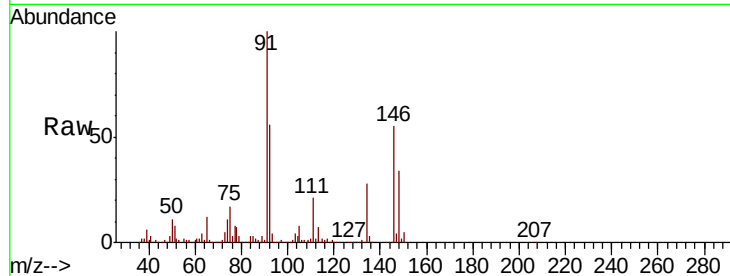
Tot Ion: 91 Resp: 181998

Ion Ratio Lower Upper

91 100

92 53.5 27.2 81.6

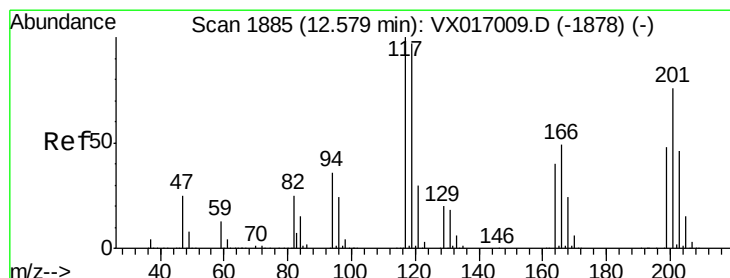
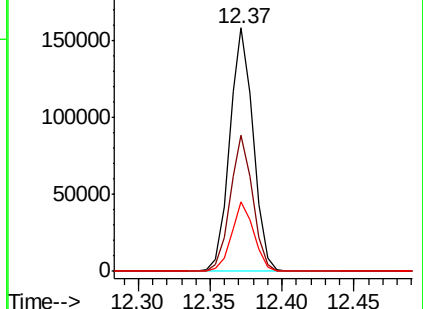
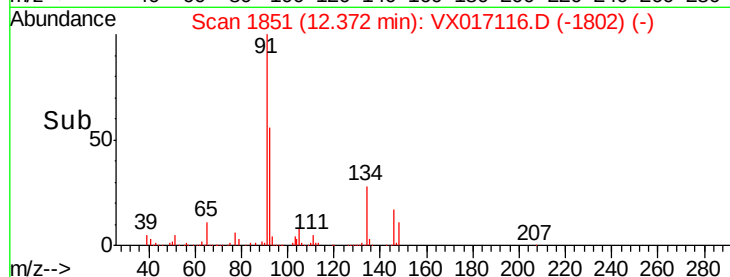
134 27.2 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VX017116.D (-1802) (-)

Ion 92.00 (91.70 to 92.70): VX017116.D (-1802) (-)

Ion 134.00 (133.70 to 134.70): VX017116.D (-1802) (-)



#90

Hexachloroethane

Concen: 18.266 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX017116.D

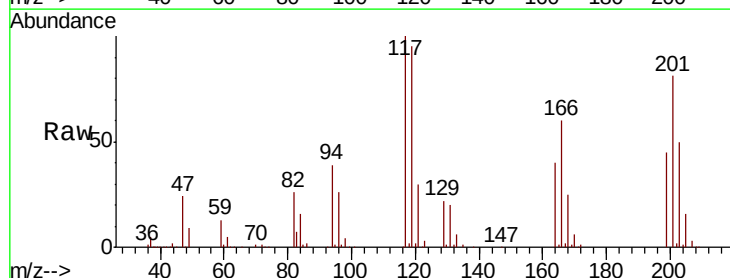
Acq: 01 Jul 2020 22:50

Tgt Ion: 117 Resp: 41016

Ion Ratio Lower Upper

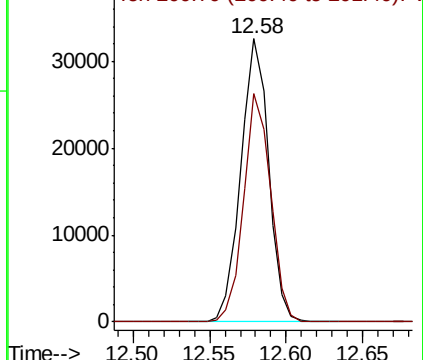
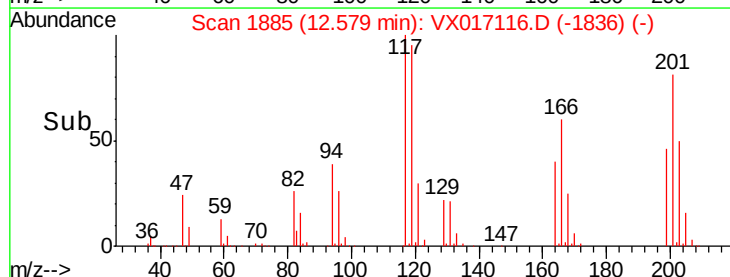
117 100

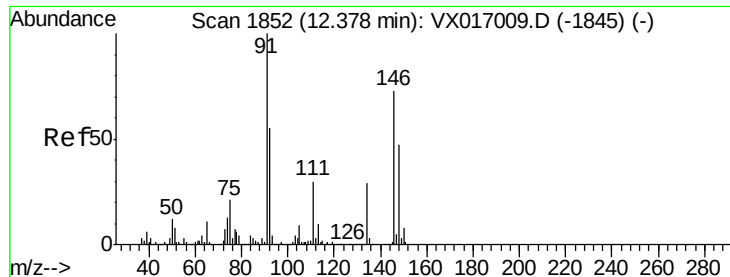
201 78.7 39.4 118.2



Abundance Ion 116.80 (116.50 to 117.50): VX017116.D (-1836) (-)

Ion 200.70 (200.40 to 201.40): VX017116.D (-1836) (-)

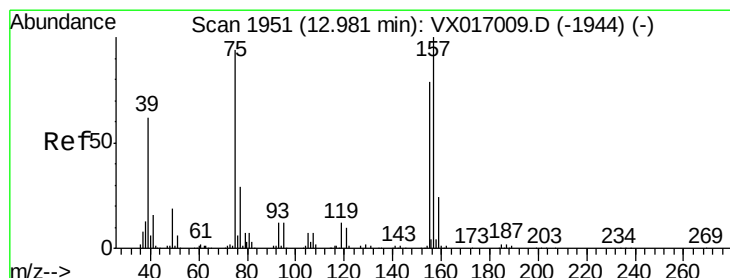
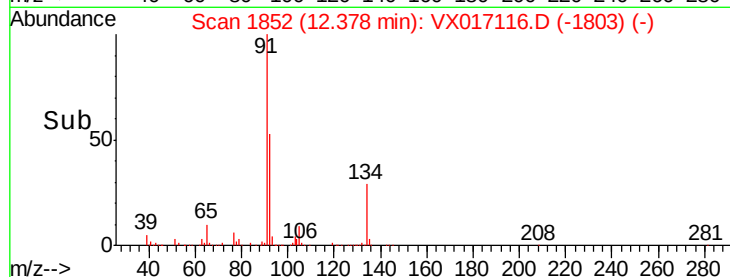
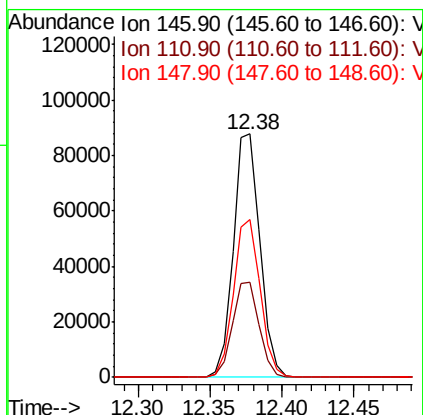
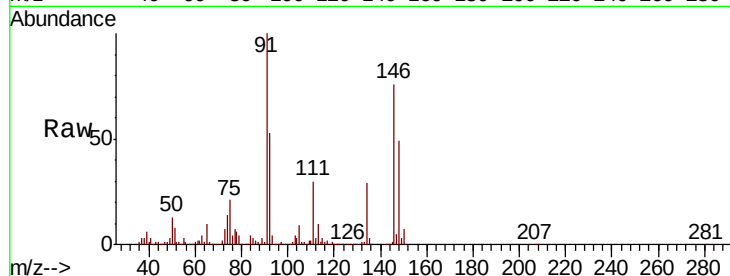




#91
 1,2-Dichlorobenzene
 Concen: 19.054 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017116.D
 Acq: 01 Jul 2020 22:50

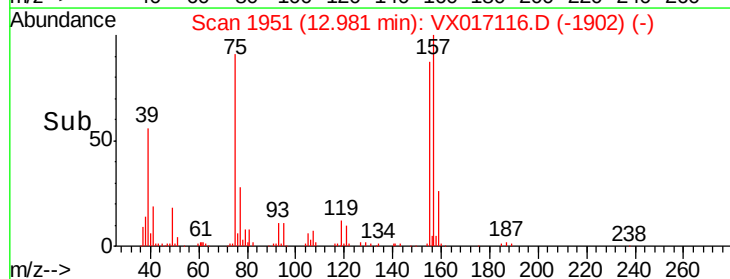
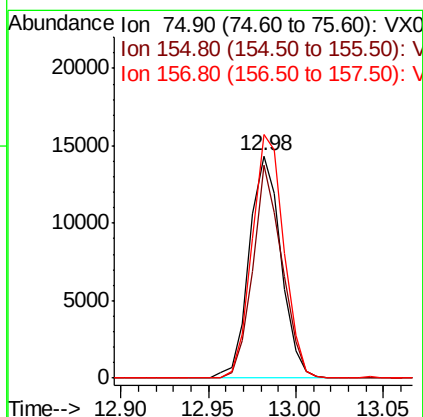
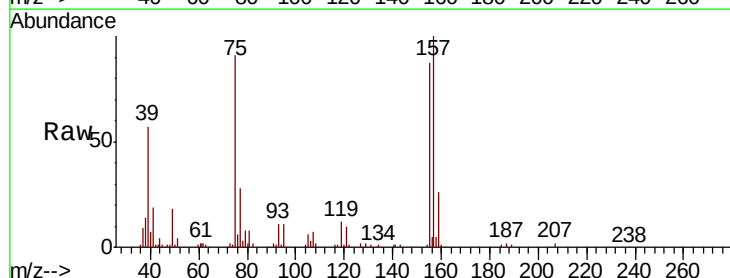
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBS02

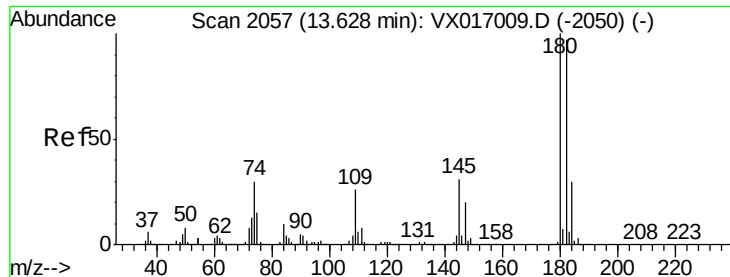
Tot Ion:146 Resp: 113613
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.6 61.9
 148 65.2 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.947 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017116.D
 Acq: 01 Jul 2020 22:50

Tgt Ion: 75 Resp: 18169
 Ion Ratio Lower Upper
 75 100
 155 87.6 45.1 135.2
 157 108.7 56.5 169.3

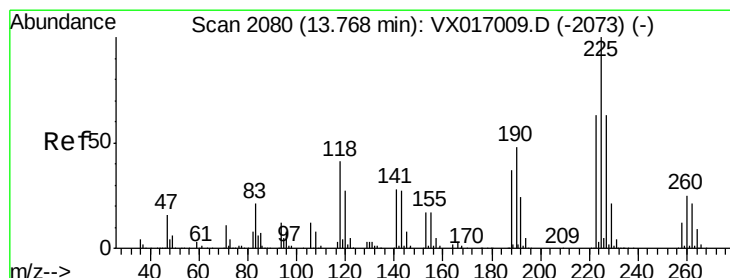
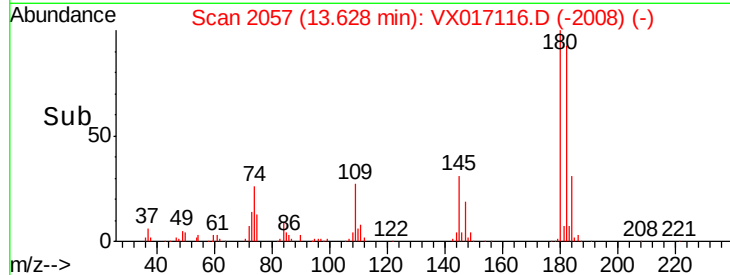
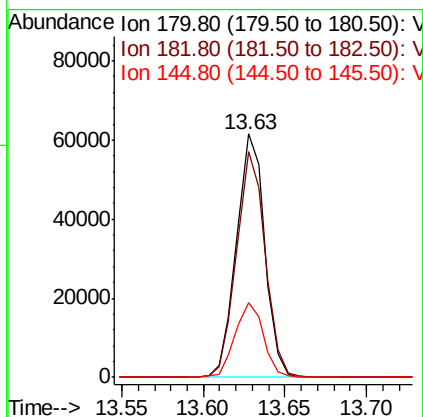
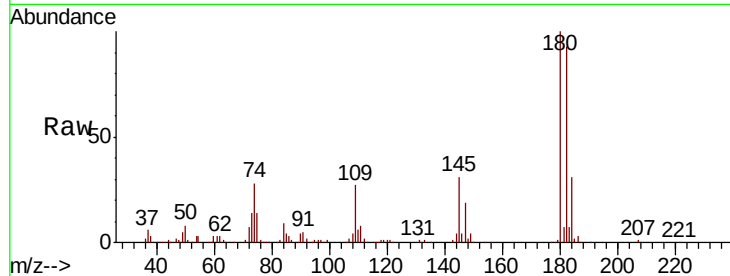




#93
 1,2,4-Trichlorobenzene
 Concen: 18.266 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017116.D
 Acq: 01 Jul 2020 22:50

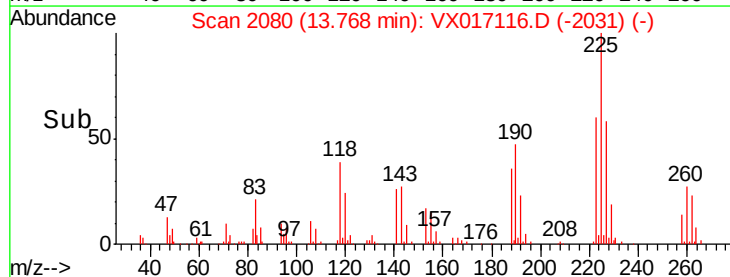
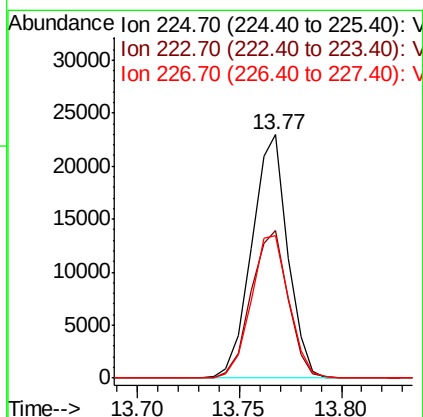
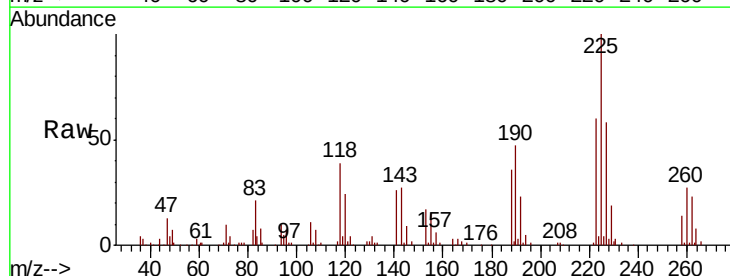
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBS02

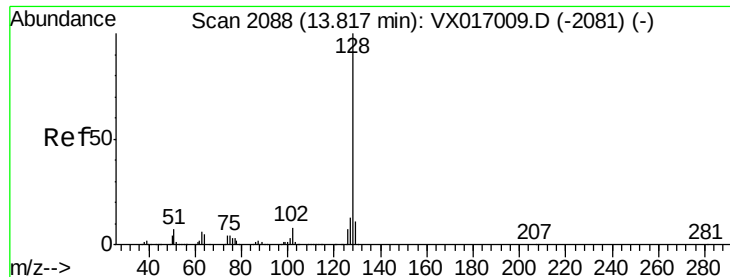
Tot Ion:180 Resp: 74336
 Ion Ratio Lower Upper
 180 100
 182 93.8 47.3 141.9
 145 30.6 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 18.715 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017116.D
 Acq: 01 Jul 2020 22:50

Tgt Ion:225 Resp: 28077
 Ion Ratio Lower Upper
 225 100
 223 62.3 32.5 97.5
 227 61.7 33.1 99.2

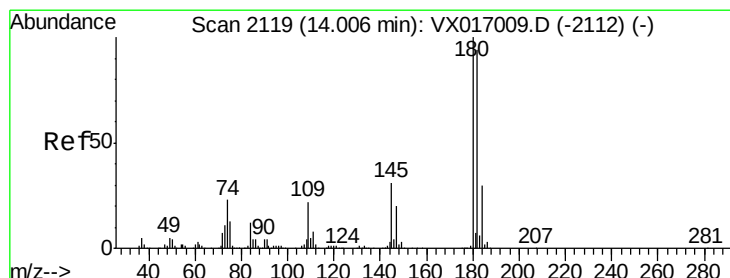
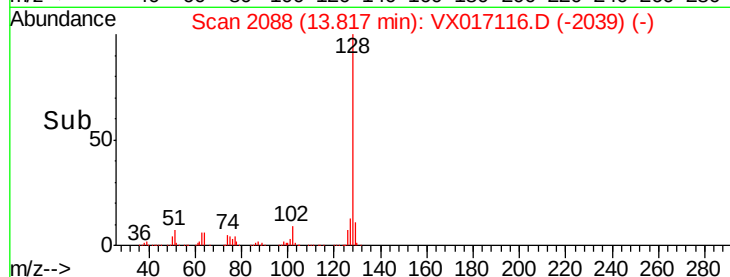
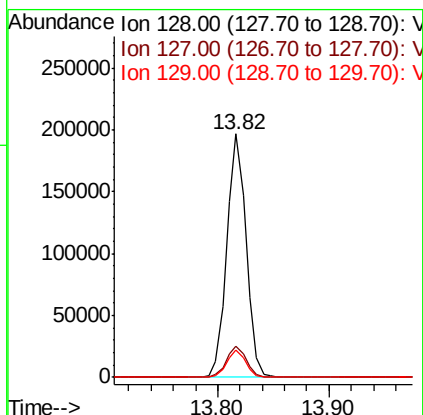
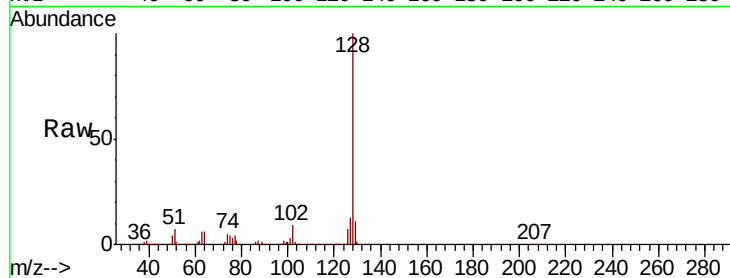




#95
Naphthalene
Concen: 19.043 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017116.D
Acq: 01 Jul 2020 22:50

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBS02

Tot Ion:128 Resp: 235610
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.137 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX017116.D
Acq: 01 Jul 2020 22:50

Tgt Ion:180 Resp: 75370
Ion Ratio Lower Upper
180 100
182 94.1 47.1 141.4
145 32.8 16.6 49.7

