

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071720\
 Data File : VX017422.D
 Acq On : 17 Jul 2020 16:11
 Operator : JC/SP
 Sample : L3321-01DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 18 06:59:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	247566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	422068	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	456859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	237770	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	169852	54.66	ug/l	0.00
Spiked Amount			Recovery	=	109.32%	
35) Dibromofluoromethane	5.47	113	146742	51.61	ug/l	0.00
Spiked Amount			Recovery	=	103.22%	
50) Toluene-d8	8.70	98	531572	51.83	ug/l	0.00
Spiked Amount			Recovery	=	103.66%	
62) 4-Bromofluorobenzene	11.12	95	226592	55.62	ug/l	0.00
Spiked Amount			Recovery	=	111.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	523	0.222	ug/l #	78
5) Bromomethane	1.64	94	365	0.240	ug/l #	25
8) Diethyl Ether	2.17	74	1827	1.313	ug/l	55
10) Methyl Iodide	2.50	142	249	2.454	ug/l #	53
11) Tert butyl alcohol	3.01	59	212545	406.008	ug/l	100
13) Acrolein	2.29	56	118	0.411	ug/l #	14
14) Allyl chloride	2.69	41	2764	0.708	ug/l #	42
15) Acrylonitrile	3.12	53	261	0.206	ug/l #	1
16) Acetone	2.42	43	63002	56.835	ug/l	98
17) Carbon Disulfide	2.56	76	2243	0.341	ug/l #	78
18) Methyl Acetate	2.75	43	2049	0.748	ug/l #	83
19) Methyl tert-butyl Ether	3.18	73	3402	0.445	ug/l #	87
20) Methylene Chloride	2.83	84	2664	0.985	ug/l	89
25) 2-Butanone	4.64	43	144565	82.110	ug/l	99
26) 2,2-Dichloropropane	4.66	77	11923	2.932	ug/l #	54
29) Tetrahydrofuran	5.09	42	66257	58.136	ug/l	96
36) 1,1-Dichloropropene	5.64	75	19049	4.907	ug/l #	50
37) Ethyl Acetate	4.64	43	144565	36.007	ug/l #	68
38) Carbon Tetrachloride	5.63	117	24783	5.452	ug/l #	19
40) Benzene	6.12	78	5245	0.470	ug/l	97
41) Methacrylonitrile	5.09	41	41204	19.117	ug/l #	46
42) 1,2-Dichloroethane	6.16	62	1000	0.231	ug/l	81
49) 1,4-Dioxane	7.72	88	728	11.555	ug/l #	67
51) 4-Methyl-2-Pentanone	8.62	43	2101	0.537	ug/l #	62
52) Toluene	8.77	92	3306	0.462	ug/l	99
59) 2-Hexanone	9.29	43	1802	0.610	ug/l	90
67) Ethyl Benzene	10.24	91	6823	0.441	ug/l #	84
68) m/p-Xylenes	10.34	106	4176	0.710	ug/l	100
69) o-Xylene	10.68	106	2374	0.422	ug/l	98
76) 1,2,3-Trichloropropane	11.12	75	112973	25.713	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	112973	65.228	ug/l #	11
84) 1,2,4-Trimethylbenzene	11.79	105	3008	0.235	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	3031	0.395	ug/l #	51
95) Naphthalene	13.82	128	21047	1.445	ug/l	98

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QLast Update : Tue Jul 14 02:59:51 2020
Response via : Initial Calibration

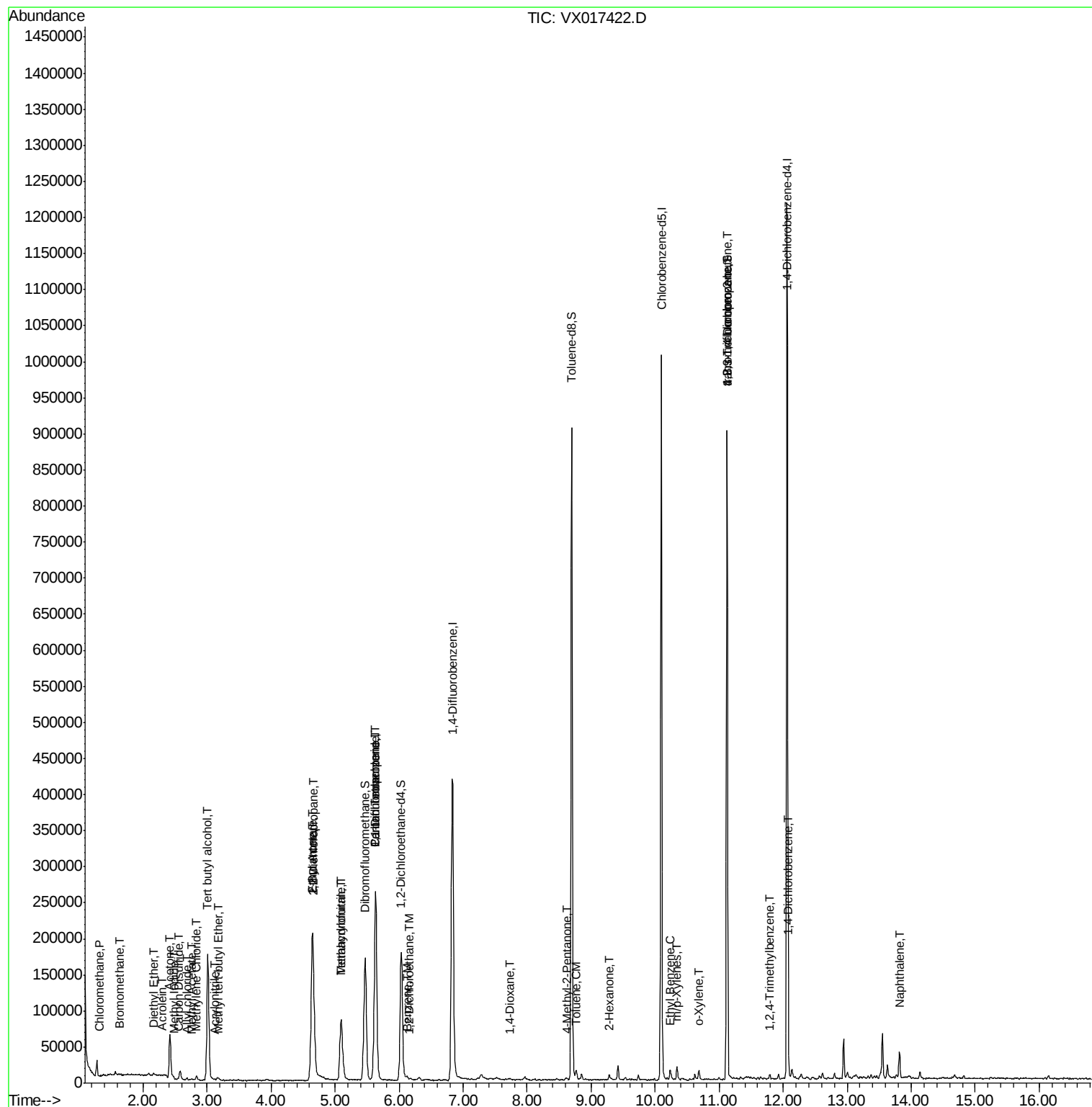
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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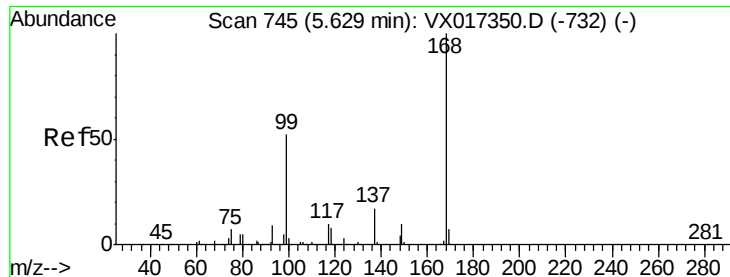
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX017422.D

Acq: 17 Jul 2020 16:11

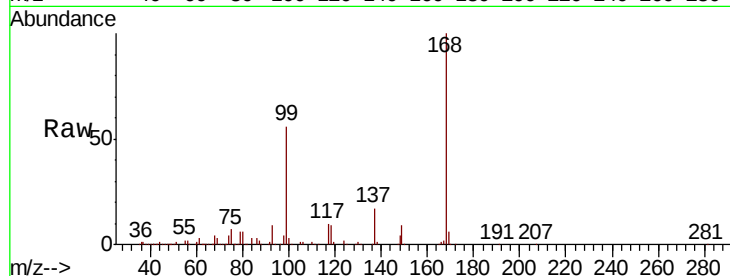
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 247566

Ion Ratio Lower Upper

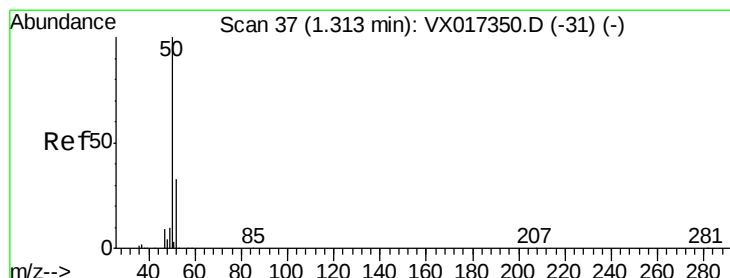
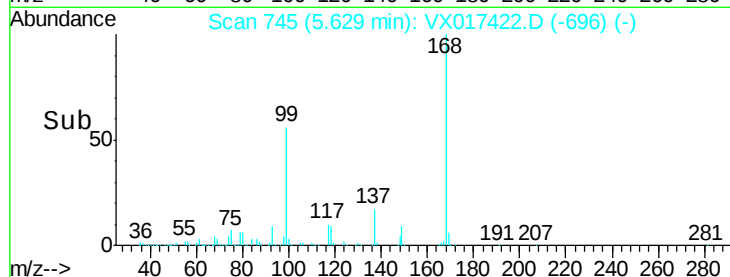
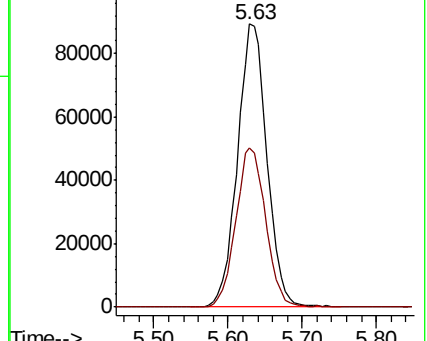
168 100

99 56.0 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.222 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017422.D

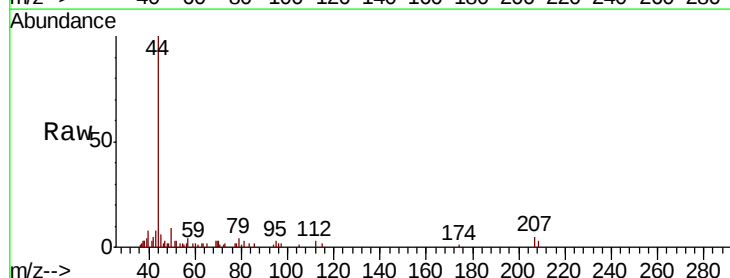
Acq: 17 Jul 2020 16:11

Tgt Ion: 50 Resp: 523

Ion Ratio Lower Upper

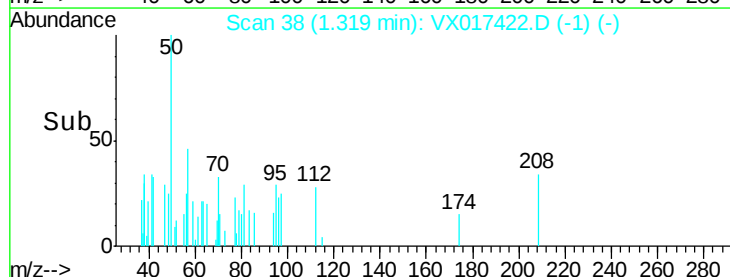
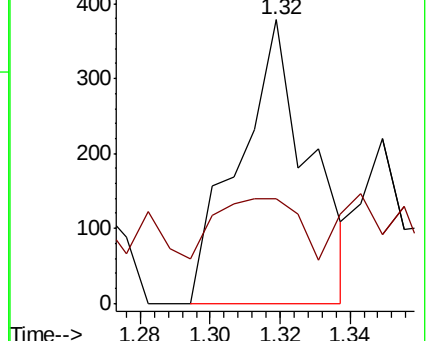
50 100

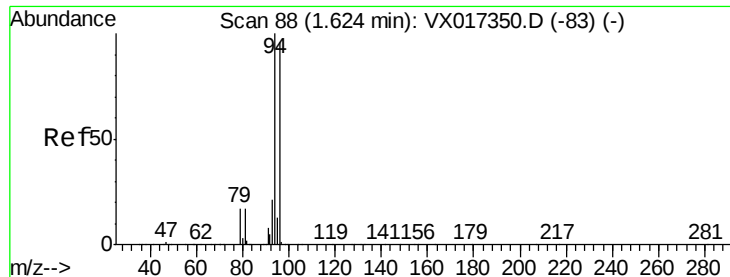
52 20.9 26.7 40.1#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.240 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX017422.D

Acq: 17 Jul 2020 16:11

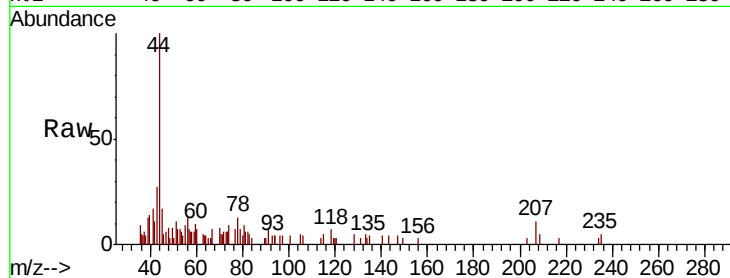
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 365

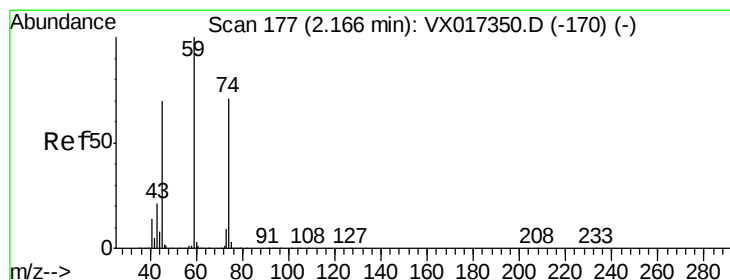
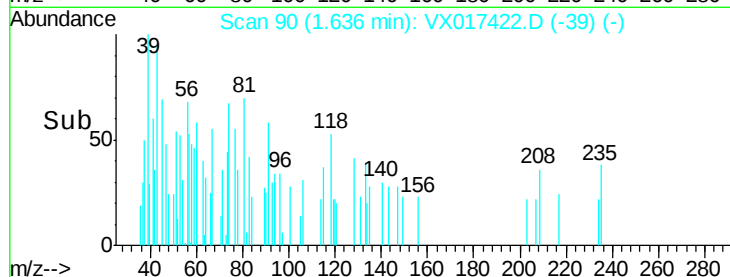
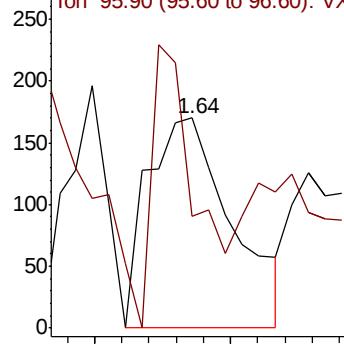
Ion Ratio Lower Upper

94 100

96 22.9 76.6 115.0#



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



#8

Diethyl Ether

Concen: 1.313 ug/l

RT: 2.17 min Scan# 177

Delta R.T. 0.00 min

Lab File: VX017422.D

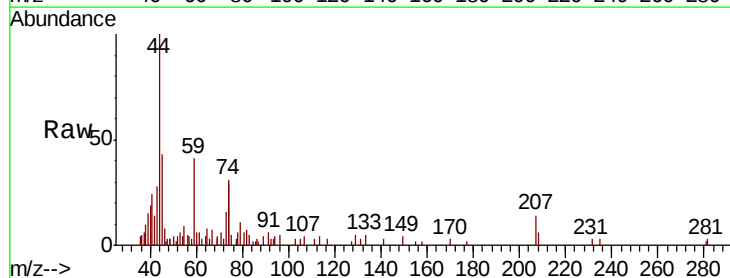
Acq: 17 Jul 2020 16:11

Tgt Ion: 74 Resp: 1827

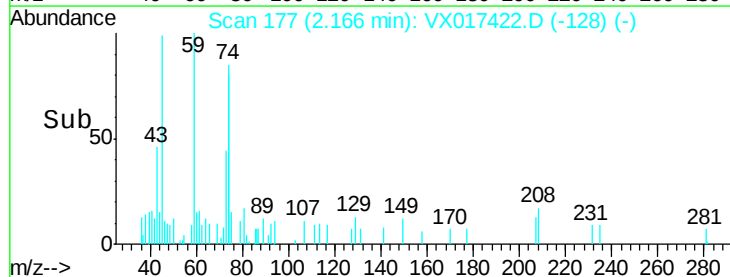
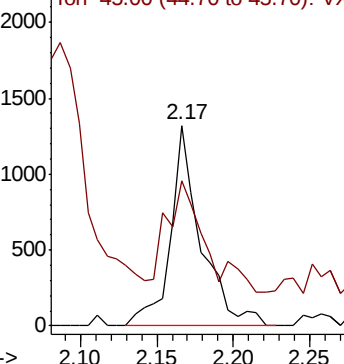
Ion Ratio Lower Upper

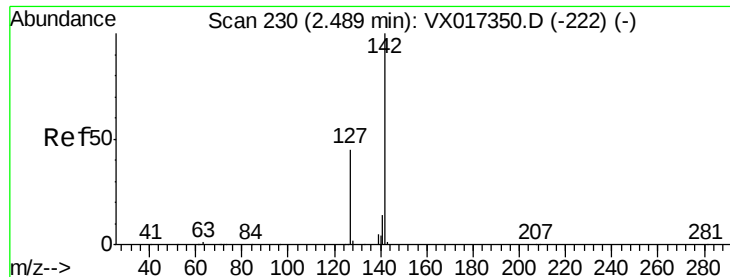
74 100

45 51.2 47.2 141.6



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0

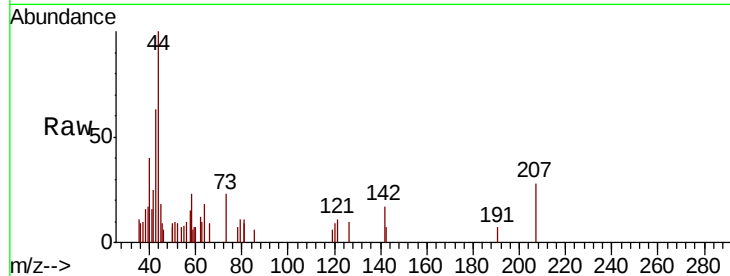




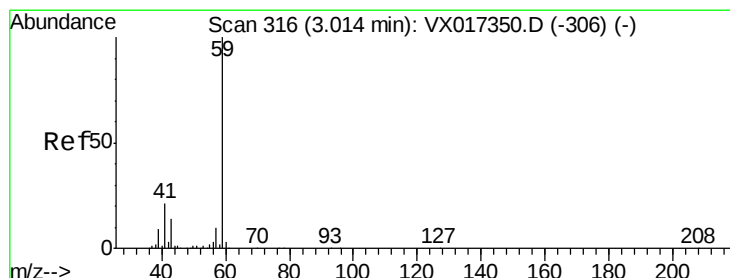
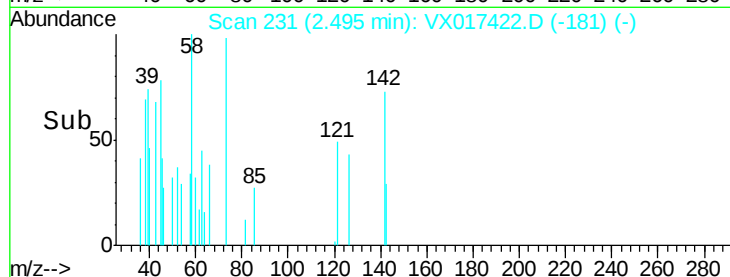
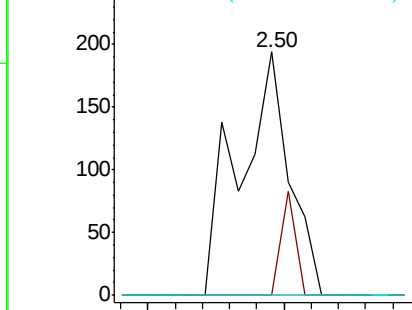
#10
Methyl Iodide
Concen: 2.454 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX017422.D
Acq: 17 Jul 2020 16:11

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:142 Resp: 249
Ion Ratio Lower Upper
142 100
127 12.0 36.8 55.2#
141 0.0 11.4 17.0#

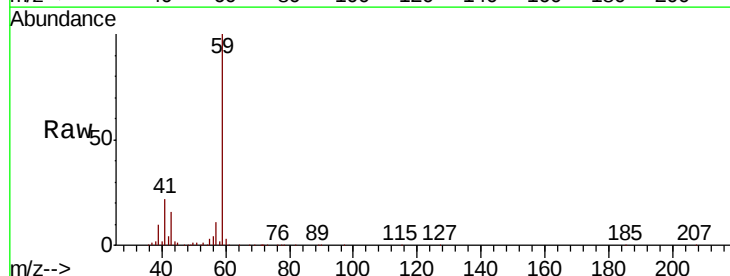


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

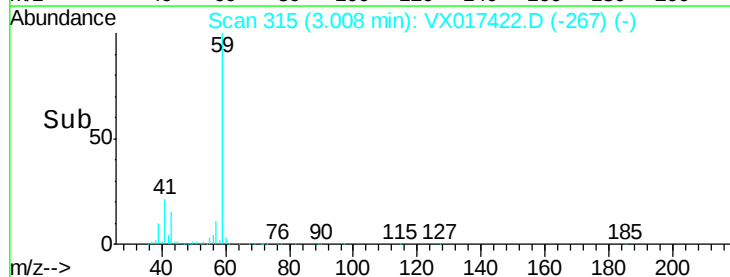
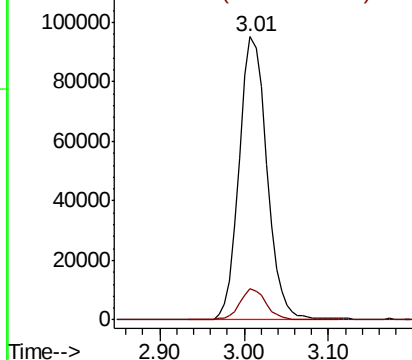


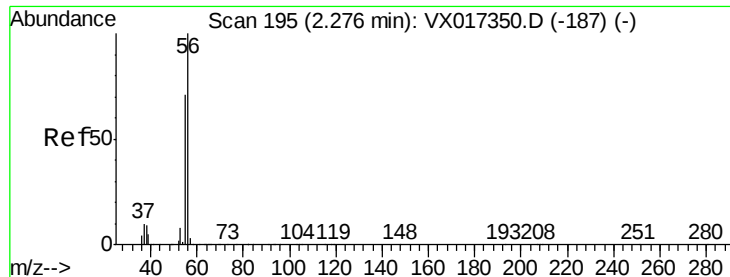
#11
Tert butyl alcohol
Concen: 406.008 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017422.D
Acq: 17 Jul 2020 16:11

Tgt Ion: 59 Resp: 212545
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

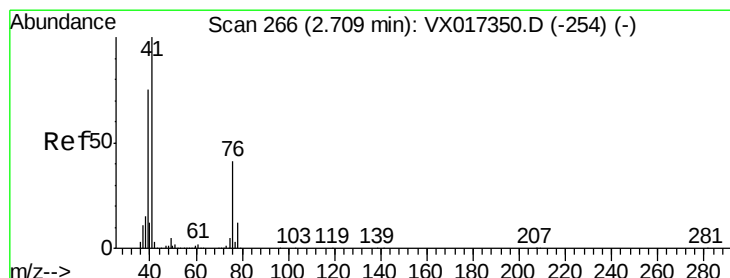
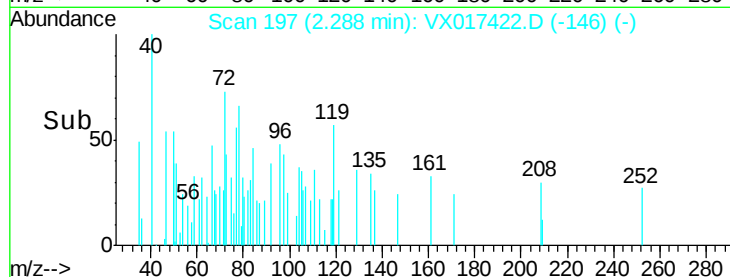
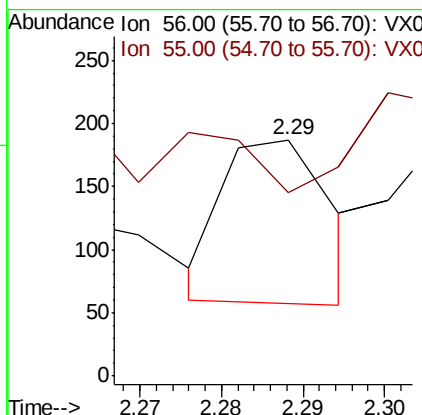
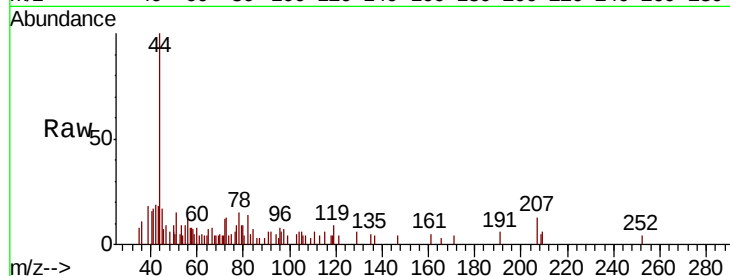




#13
Acrolein
Concen: 0.411 ug/l
RT: 2.29 min Scan# 197
Delta R.T. 0.01 min
Lab File: VX017422.D
Acq: 17 Jul 2020 16:11

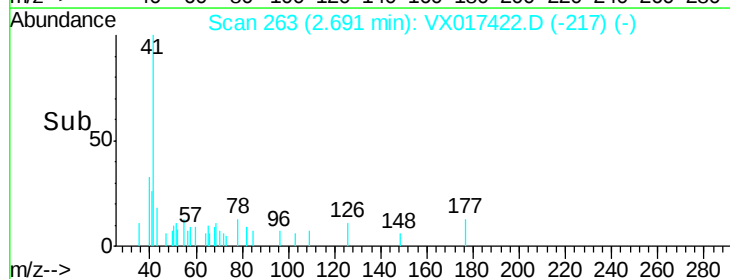
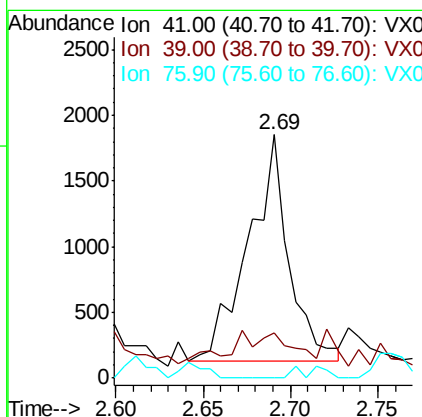
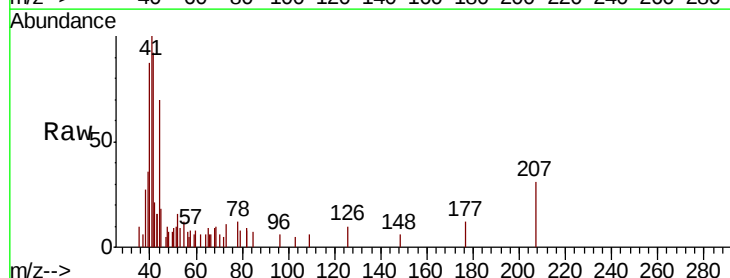
Instrument :
MSVOA_X
ClientSampled :

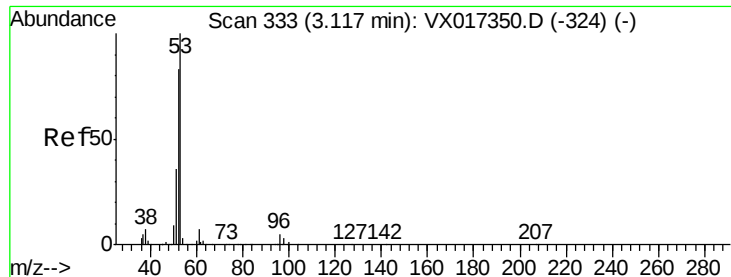
Tot Ion: 56 Resp: 118
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#14
Allyl chloride
Concen: 0.708 ug/l
RT: 2.69 min Scan# 263
Delta R.T. -0.02 min
Lab File: VX017422.D
Acq: 17 Jul 2020 16:11

Tgt Ion: 41 Resp: 2764
Ion Ratio Lower Upper
41 100
39 20.9 53.0 79.4#
76 0.0 28.2 42.2#





#15

Acrylonitrile

Concen: 0.206 ug/l

RT: 3.12 min Scan# 333

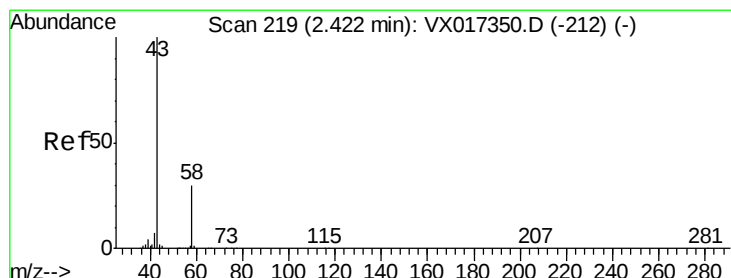
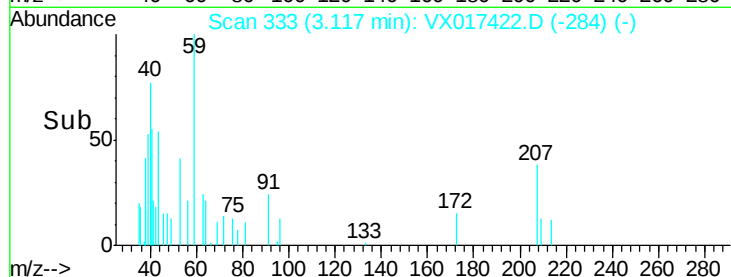
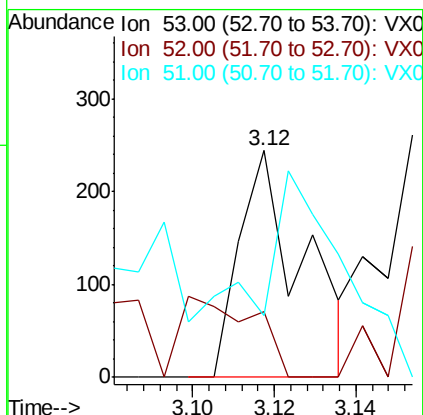
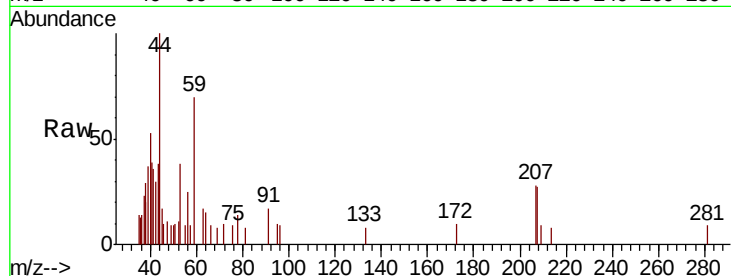
Delta R.T. 0.00 min

Lab File: VX017422.D

Acq: 17 Jul 2020 16:11

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	53	Resp:	261
Ion	Ratio	Lower	Upper
53	100		
52	0.0	65.8	98.6#
51	118.4	29.2	43.8#



#16

Acetone

Concen: 56.835 ug/l

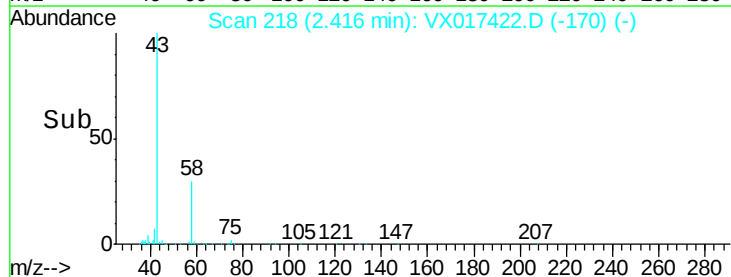
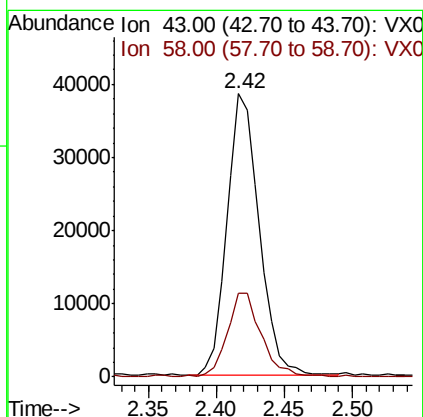
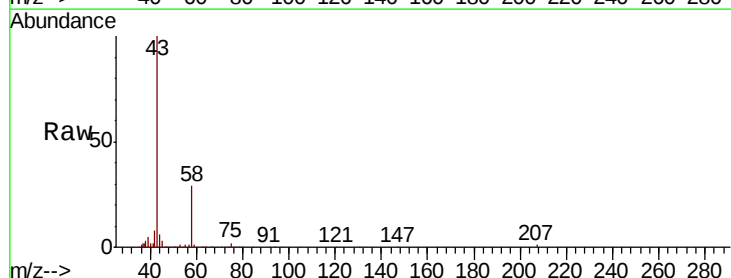
RT: 2.42 min Scan# 218

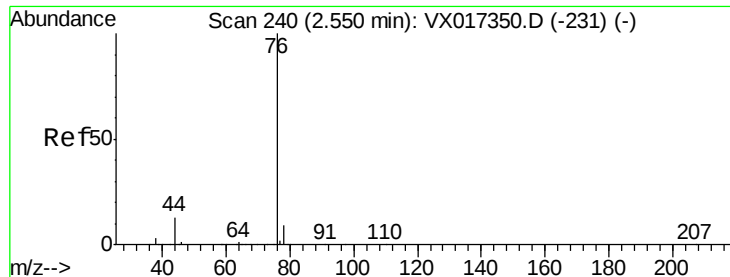
Delta R.T. -0.01 min

Lab File: VX017422.D

Acq: 17 Jul 2020 16:11

Tgt Ion:	43	Resp:	63002
Ion	Ratio	Lower	Upper
43	100		
58	29.4	24.2	36.2

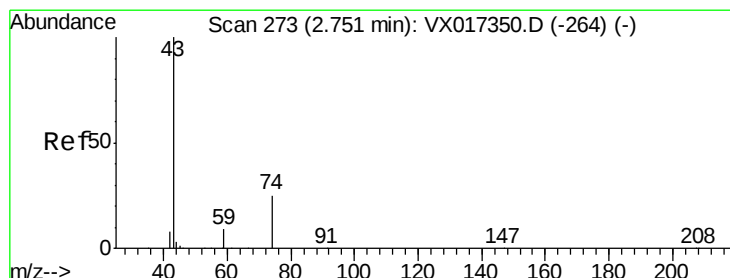
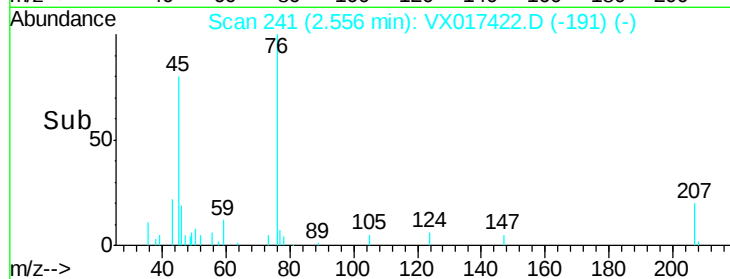
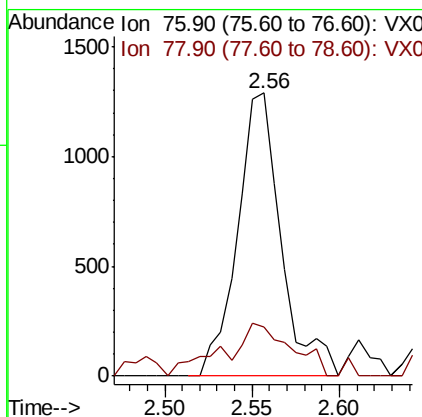
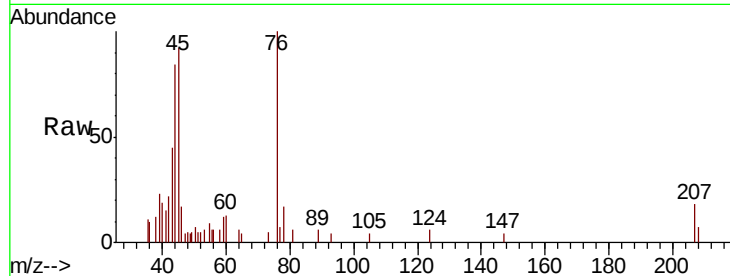




#17
Carbon Disulfide
Concen: 0.341 ug/l
RT: 2.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VX017422.D
Acq: 17 Jul 2020 16:11

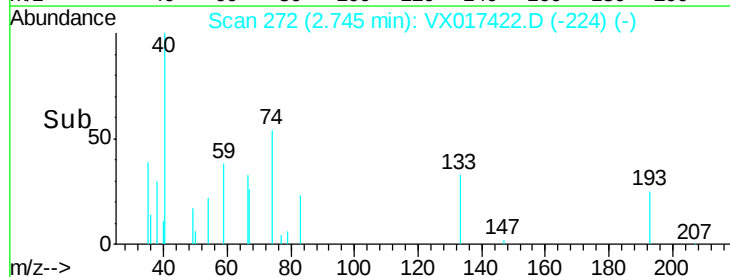
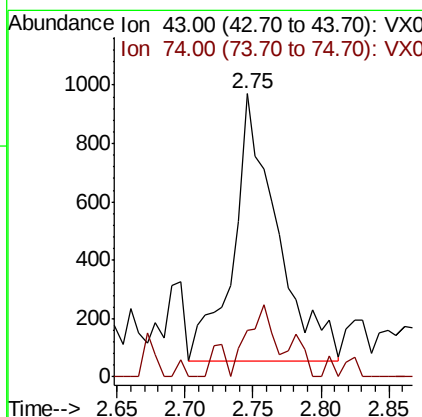
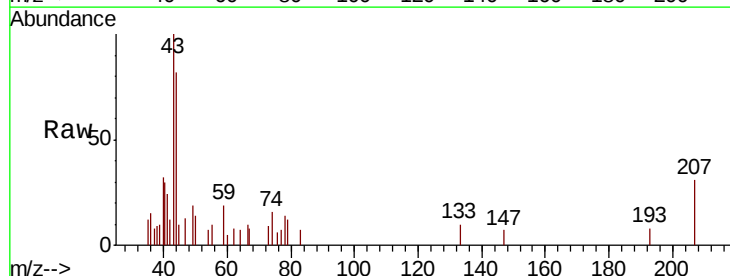
Instrument :
MSVOA_X
ClientSampleId :

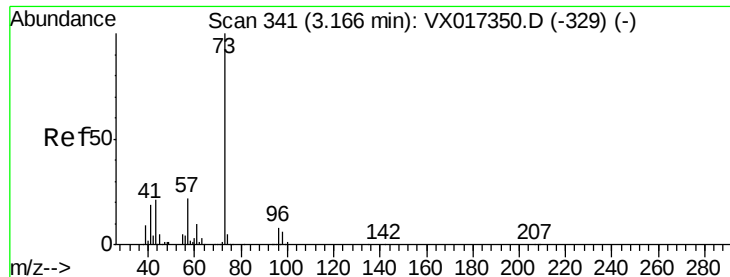
Tot Ion: 76 Resp: 2243
Ion Ratio Lower Upper
76 100
78 17.1 7.3 10.9#



#18
Methyl Acetate
Concen: 0.748 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX017422.D
Acq: 17 Jul 2020 16:11

Tgt Ion: 43 Resp: 2049
Ion Ratio Lower Upper
43 100
74 16.1 19.4 29.2#



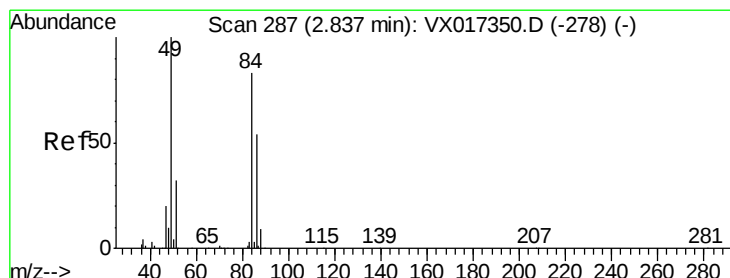
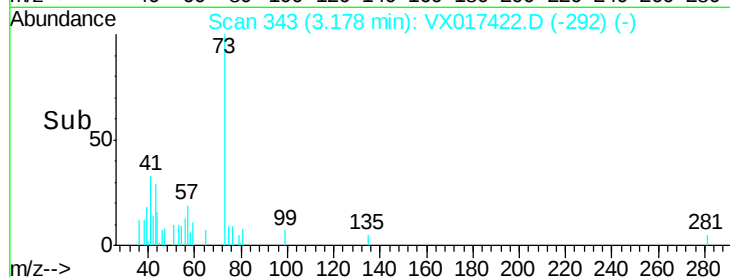
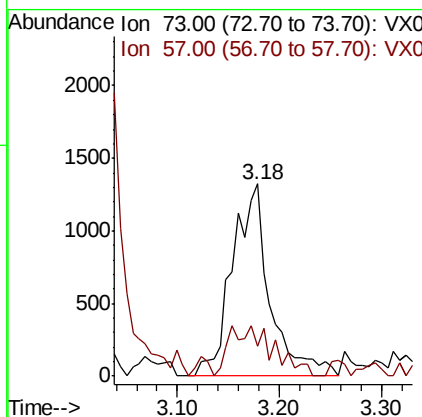
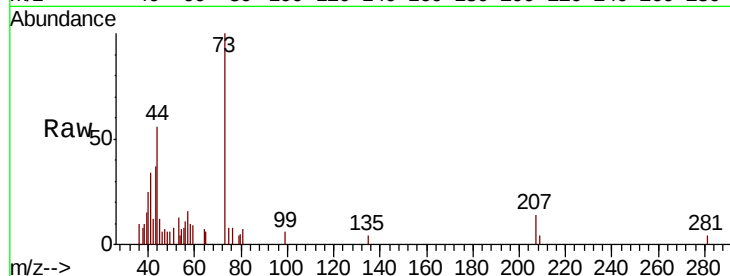


#19

Methyl tert-butyl Ether
 Concen: 0.445 ug/l
 RT: 3.18 min Scan# 343
 Delta R.T. 0.01 min
 Lab File: VX017422.D
 Acq: 17 Jul 2020 16:11

Instrument :
 MSVOA_X
 ClientSampled :

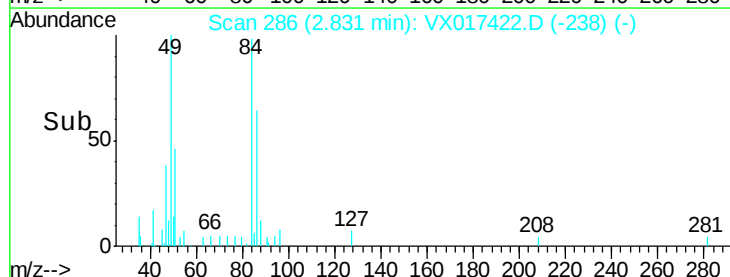
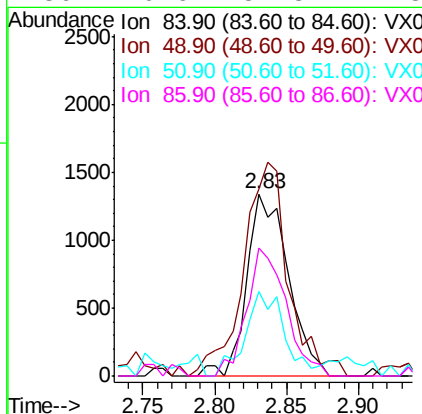
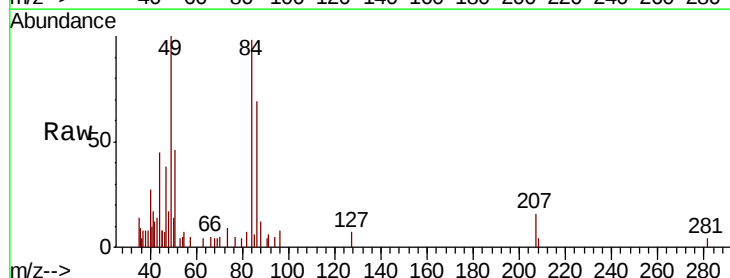
Tot Ion: 73 Resp: 3402
 Ion Ratio Lower Upper
 73 100
 57 15.9 17.5 26.3#

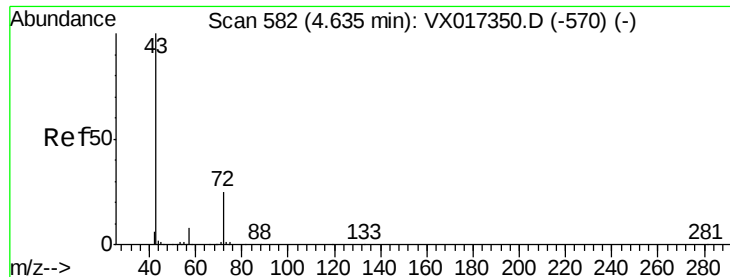


#20

Methylene Chloride
 Concen: 0.985 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX017422.D
 Acq: 17 Jul 2020 16:11

Tgt Ion: 84 Resp: 2664
 Ion Ratio Lower Upper
 84 100
 49 102.5 95.8 143.8
 51 39.8 31.0 46.4
 86 70.6 51.8 77.8





#25

2-Butanone

Concen: 82.110 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX017422.D

Acq: 17 Jul 2020 16:11

Instrument :

MSVOA_X

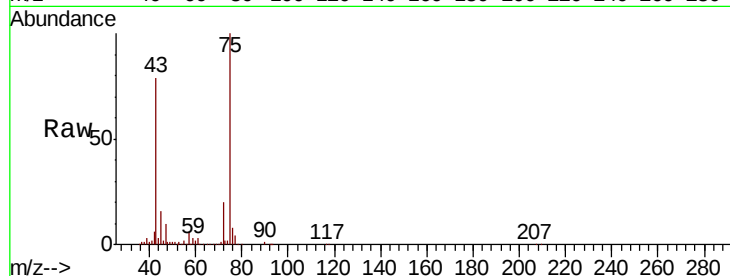
ClientSampled :

Tot Ion: 43 Resp: 144565

Ion Ratio Lower Upper

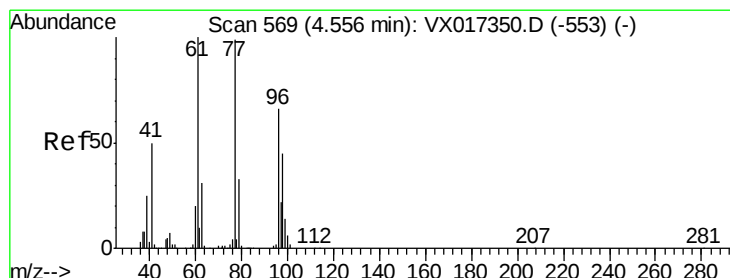
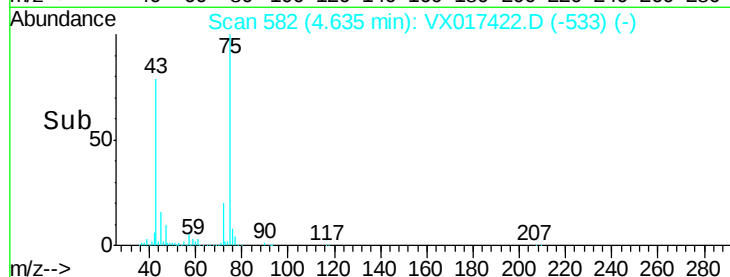
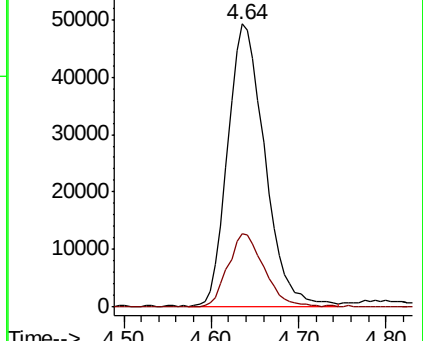
43 100

72 25.8 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 2.932 ug/l

RT: 4.66 min Scan# 586

Delta R.T. 0.10 min

Lab File: VX017422.D

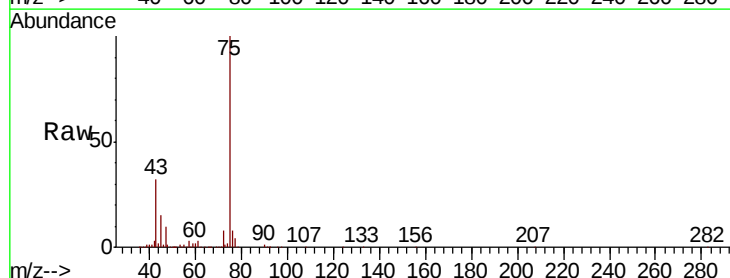
Acq: 17 Jul 2020 16:11

Tgt Ion: 77 Resp: 11923

Ion Ratio Lower Upper

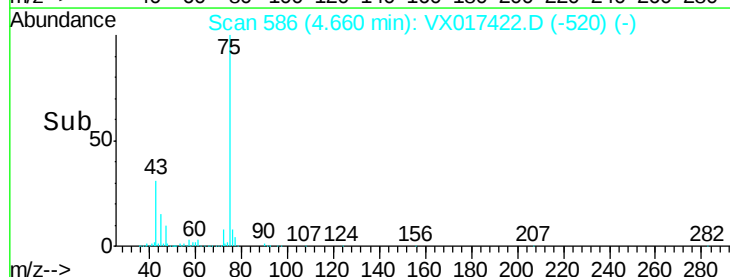
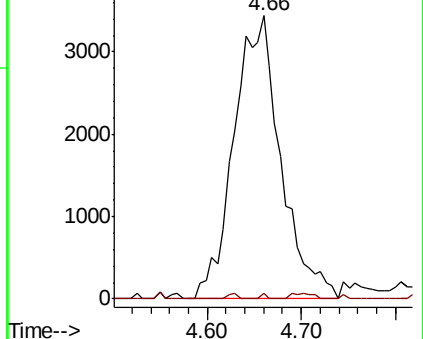
77 100

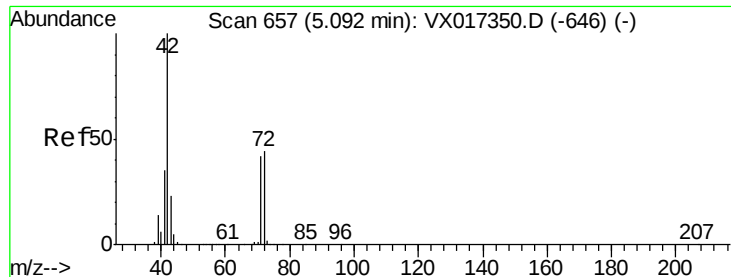
97 0.2 11.1 33.3#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

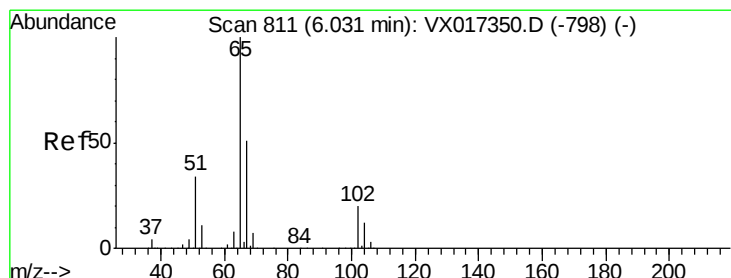
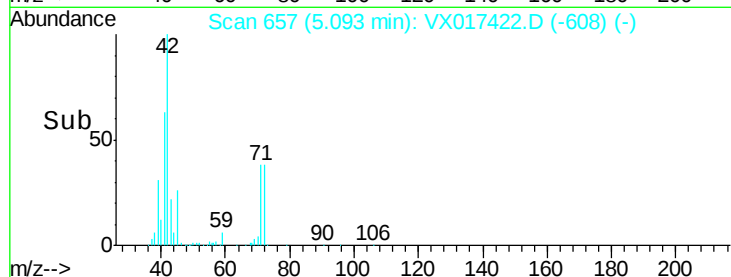
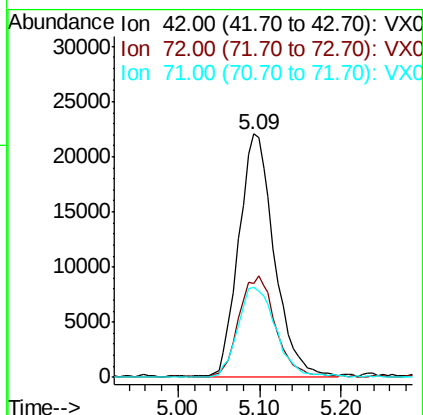
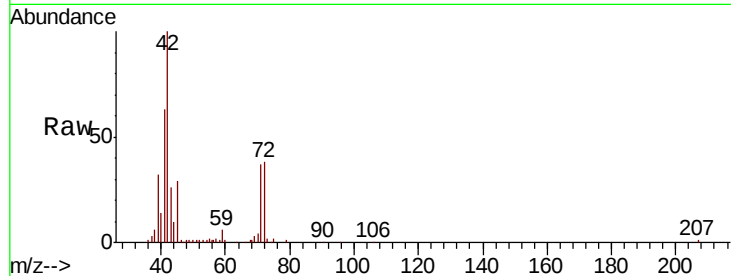




#29
Tetrahydrofuran
Concen: 58.136 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX017422.D
Acq: 17 Jul 2020 16:11

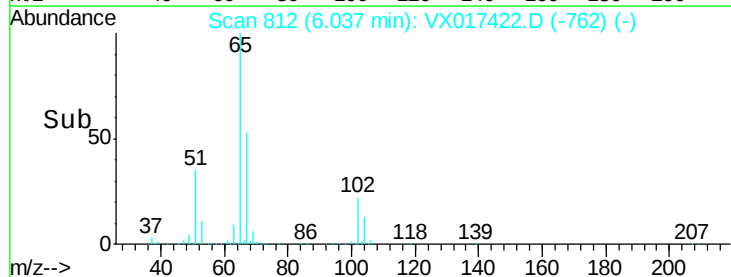
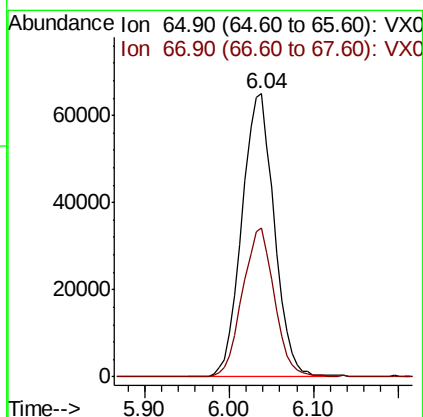
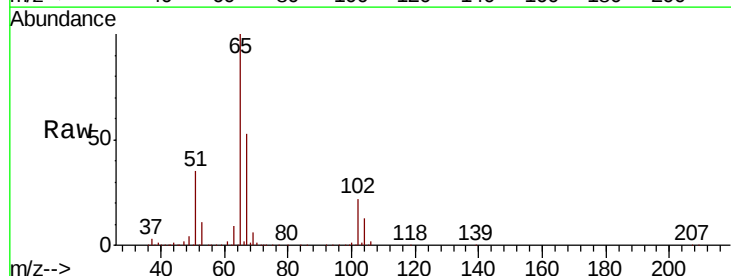
Instrument :
MSVOA_X
ClientSampleId :

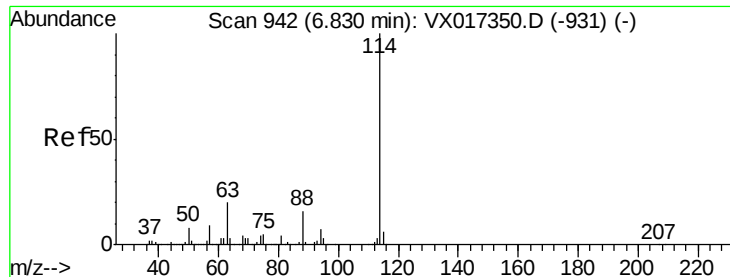
Tot Ion	Ratio	Lower	Upper
42	100		
72	43.7	37.2	55.8
71	40.1	34.4	51.6



#33
1,2-Dichloroethane-d4
Concen: 54.665 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX017422.D
Acq: 17 Jul 2020 16:11

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX017422.D

Acq: 17 Jul 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

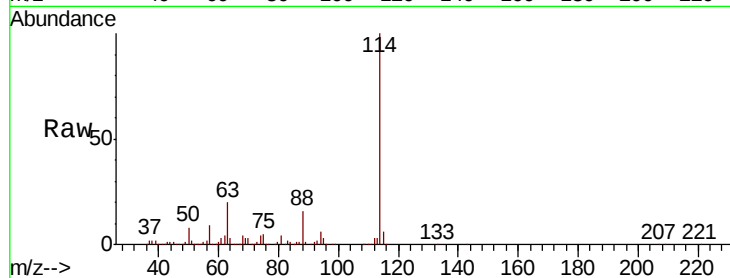
Tot Ion:114 Resp: 422068

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.0

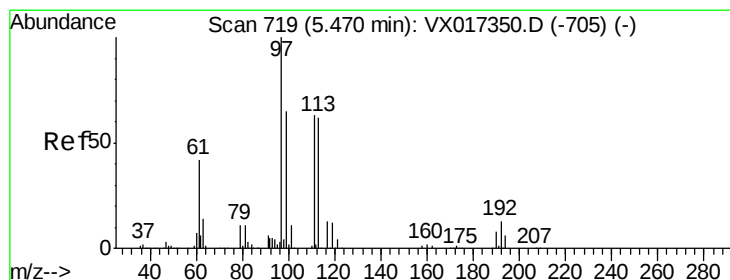
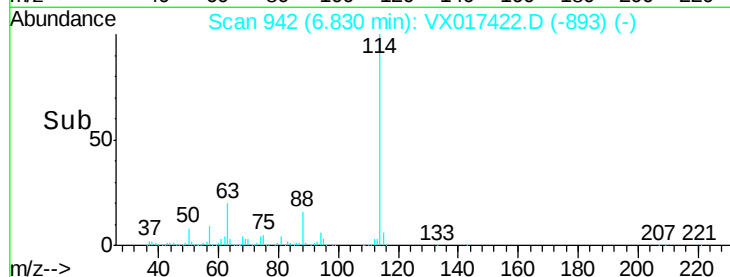
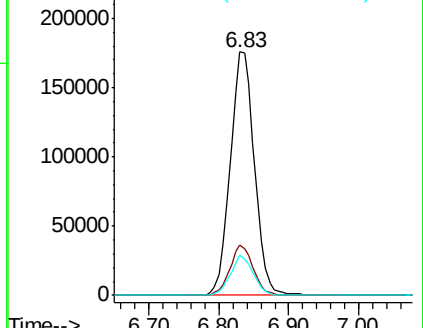
88 16.3 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 51.613 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX017422.D

Acq: 17 Jul 2020 16:11

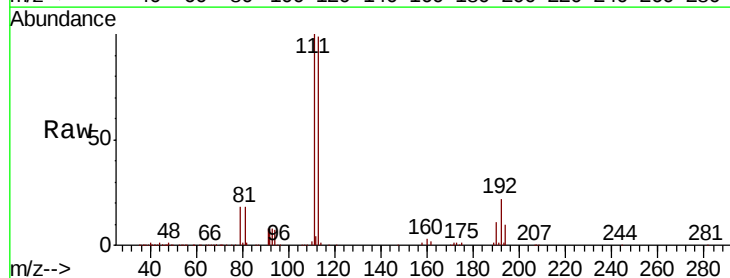
Tgt Ion:113 Resp: 146742

Ion Ratio Lower Upper

113 100

111 102.3 82.4 123.6

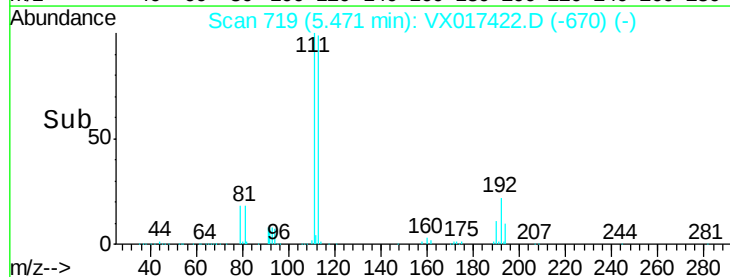
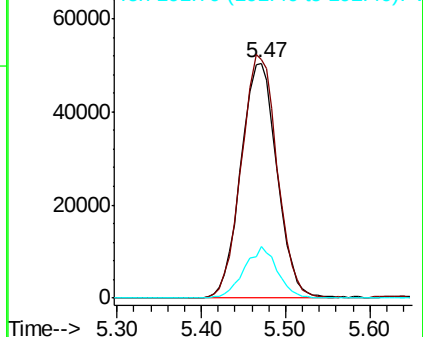
192 20.2 17.2 25.8

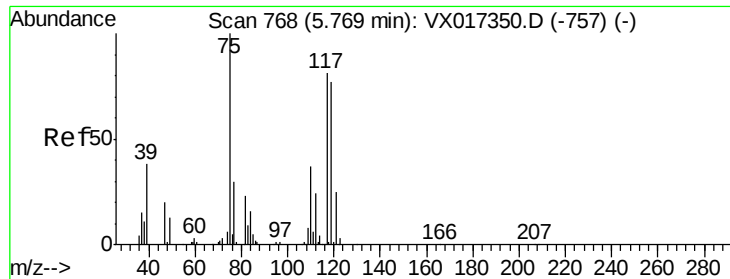


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.907 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.13 min

Lab File: VX017422.D

Acq: 17 Jul 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

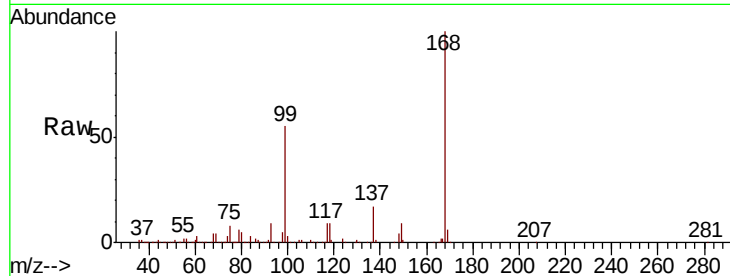
Tot Ion: 75 Resp: 19049

Ion Ratio Lower Upper

75 100

110 10.0 18.6 55.8#

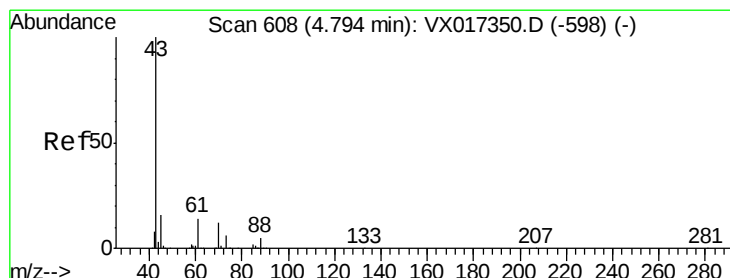
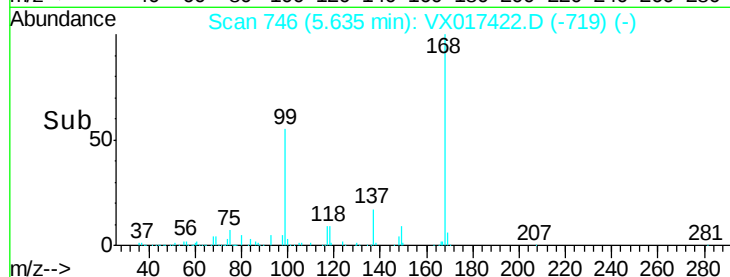
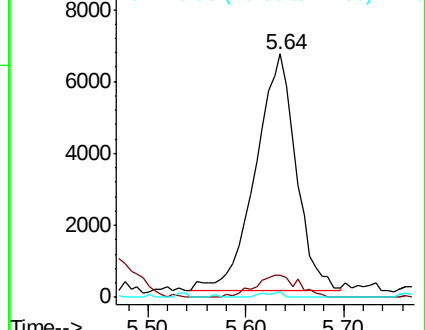
77 1.1 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#37

Ethyl Acetate

Concen: 36.007 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.16 min

Lab File: VX017422.D

Acq: 17 Jul 2020 16:11

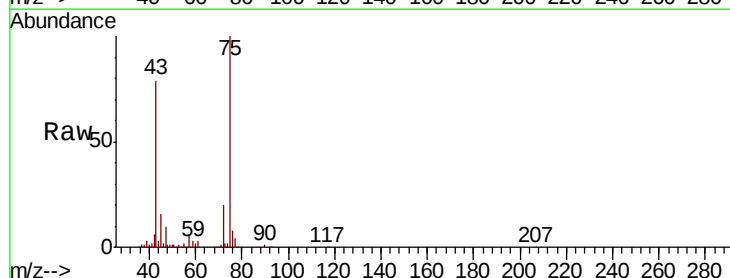
Tgt Ion: 43 Resp: 144565

Ion Ratio Lower Upper

43 100

61 0.0 10.7 16.1#

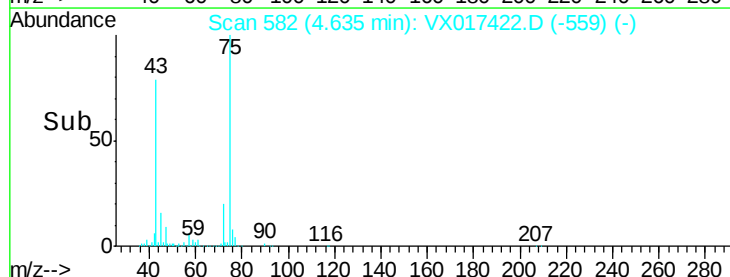
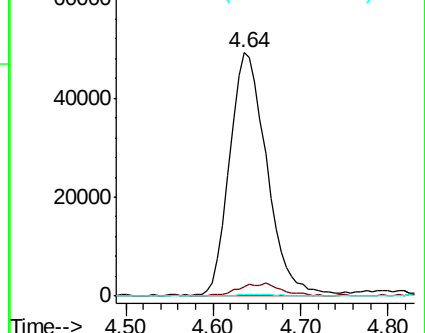
70 0.0 9.0 13.6#

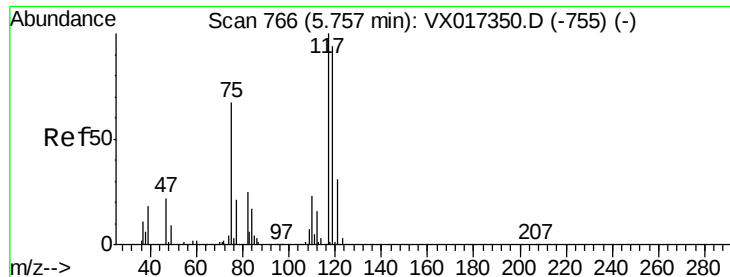


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0

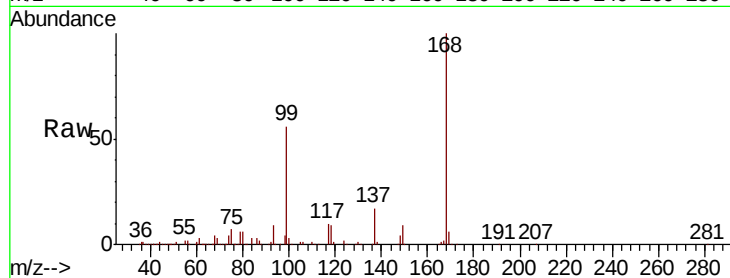




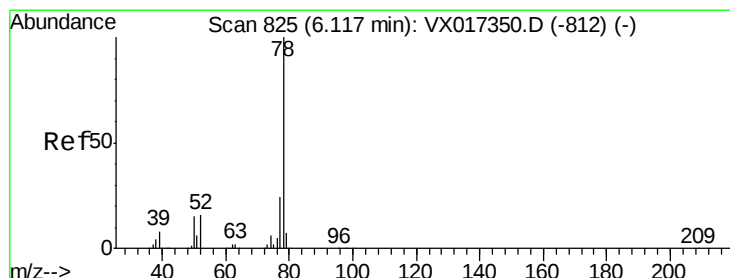
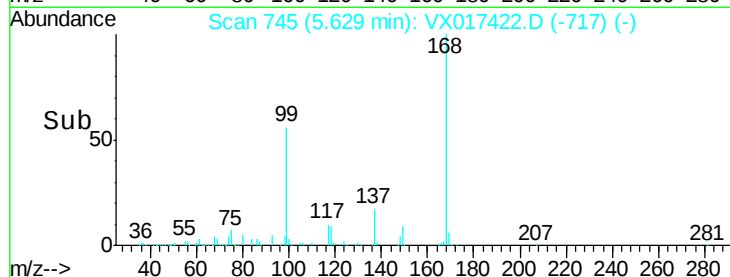
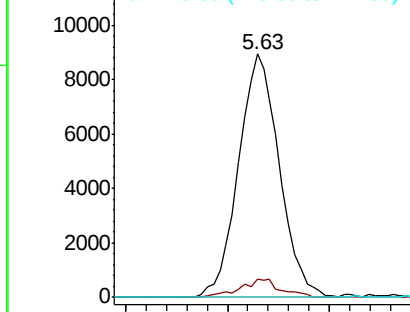
#38
Carbon Tetrachloride
Concen: 5.452 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX017422.D
Acq: 17 Jul 2020 16:11

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 24783
Ion Ratio Lower Upper
117 100
119 7.6 74.7 112.1#
121 0.0 24.5 36.7#

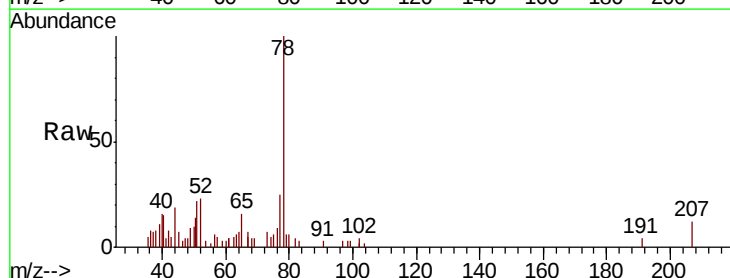


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

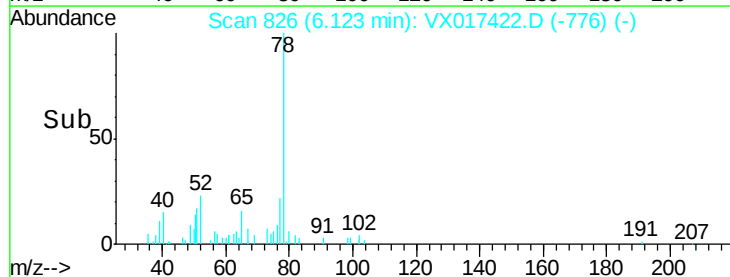
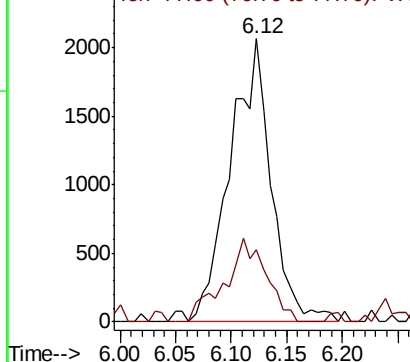


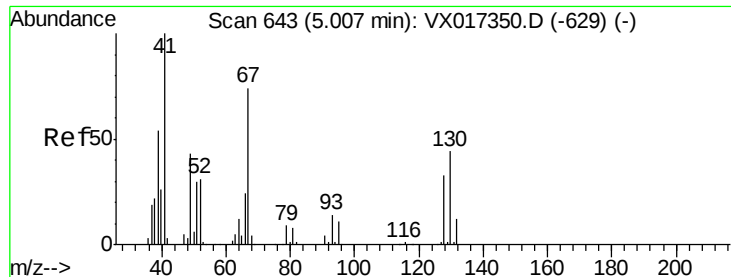
#40
Benzene
Concen: 0.470 ug/l
RT: 6.12 min Scan# 826
Delta R.T. 0.01 min
Lab File: VX017422.D
Acq: 17 Jul 2020 16:11

Tgt Ion: 78 Resp: 5245
Ion Ratio Lower Upper
78 100
77 25.3 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 19.117 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.09 min

Lab File: VX017422.D

Acq: 17 Jul 2020 16:11

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 41204

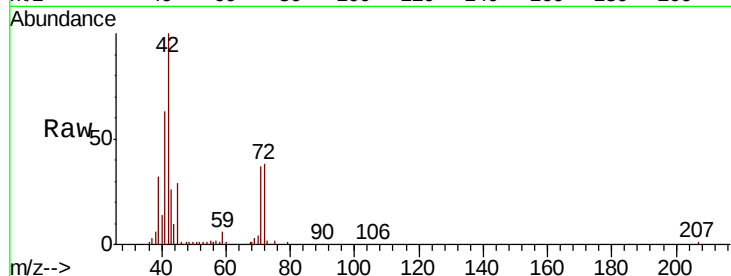
Ion Ratio Lower Upper

41 100

39 47.4 43.8 65.8

67 0.2 58.7 88.1#

52 0.9 24.9 37.3#



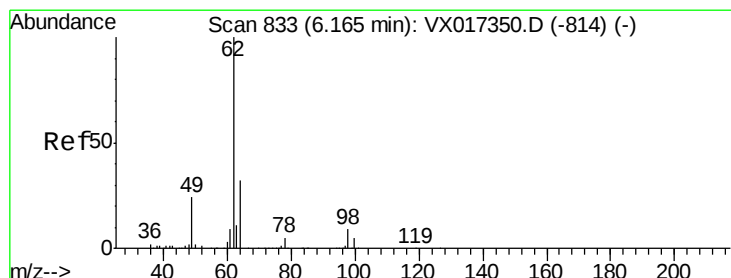
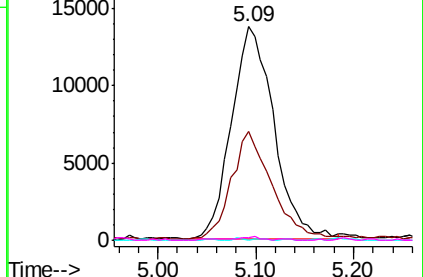
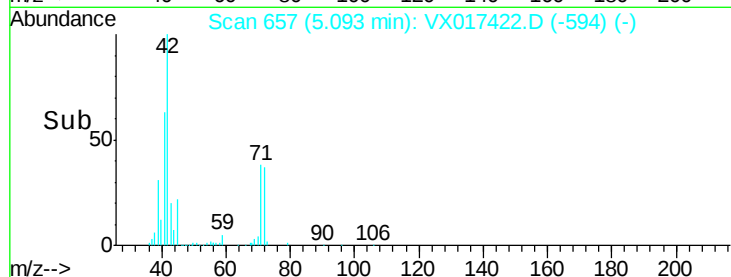
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Time-->



#42

1,2-Dichloroethane

Concen: 0.231 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX017422.D

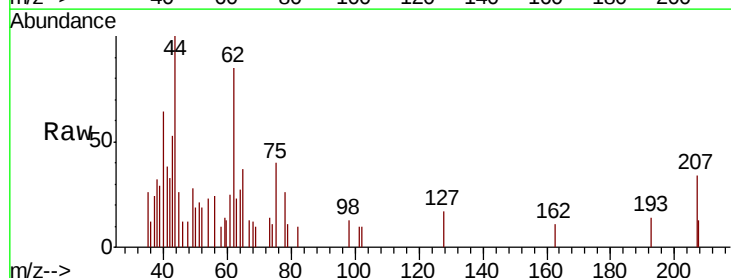
Acq: 17 Jul 2020 16:11

Tgt Ion: 62 Resp: 1000

Ion Ratio Lower Upper

62 100

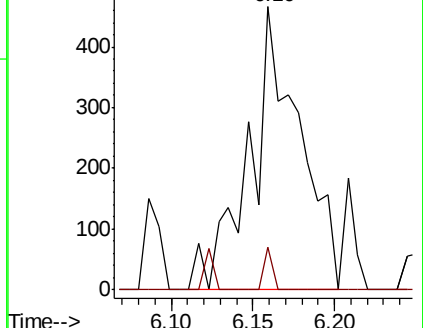
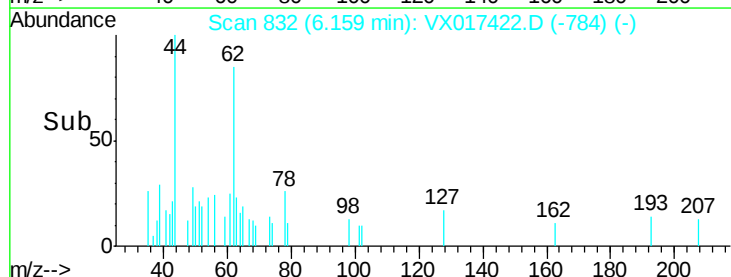
98 2.6 0.0 19.4

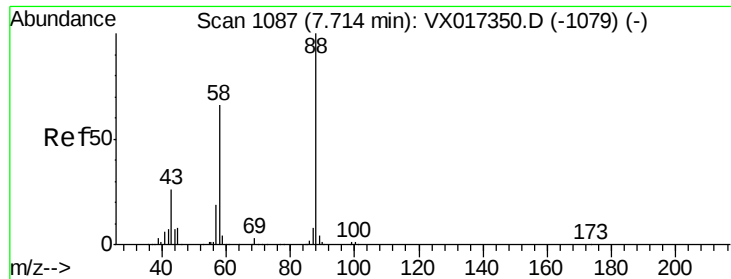


Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Time-->

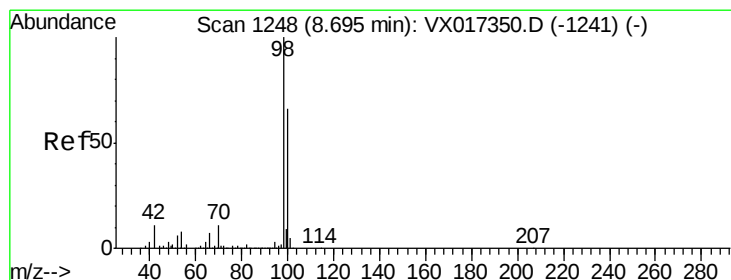
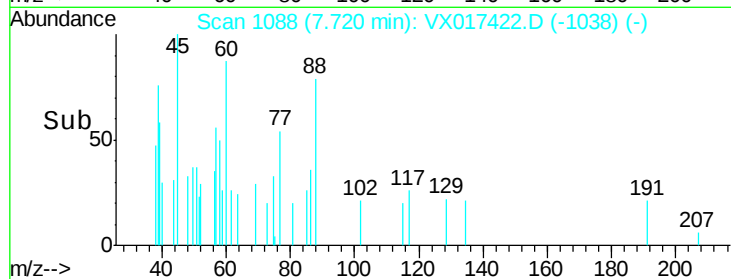
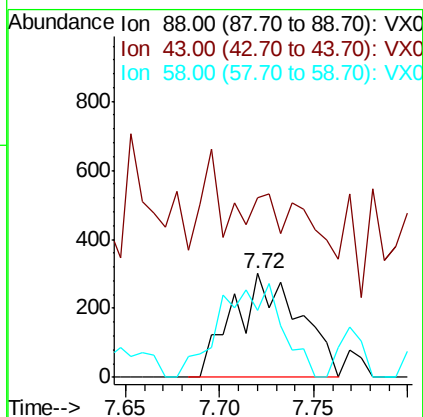
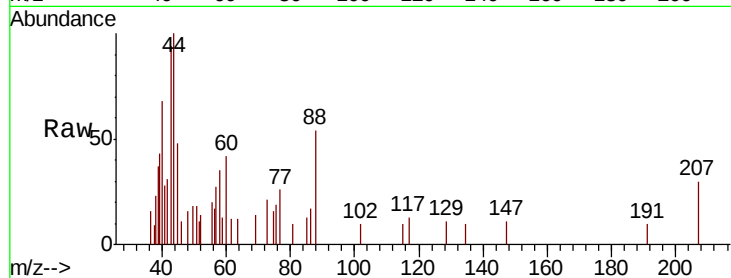




#49
1,4-Dioxane
Concen: 11.555 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX017422.D
Acq: 17 Jul 2020 16:11

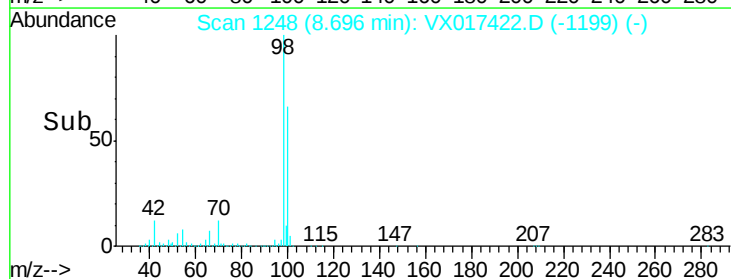
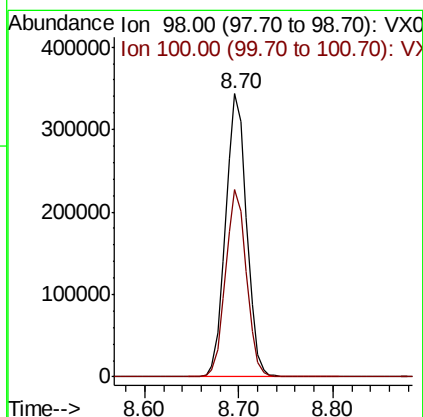
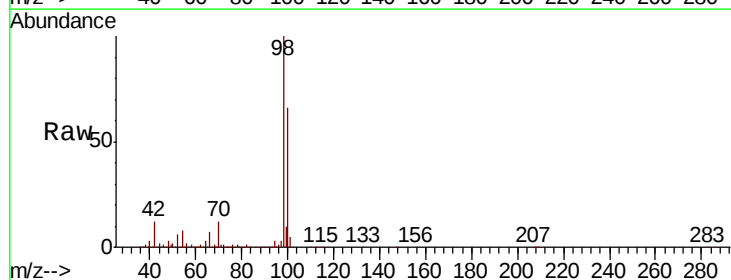
Instrument :
MSVOA_X
ClientSampled :

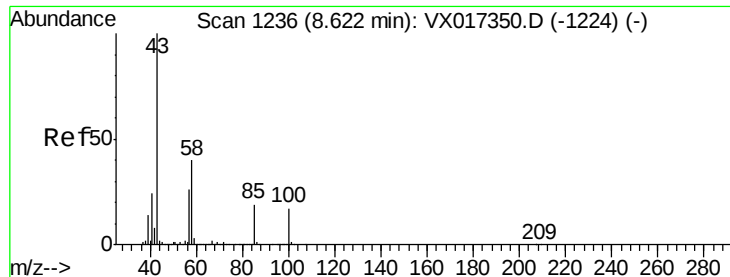
Tot Ion: 88 Resp: 728
Ion Ratio Lower Upper
88 100
43 0.0 25.6 38.4#
58 85.2 53.9 80.9#



#50
Toluene-d8
Concen: 51.833 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017422.D
Acq: 17 Jul 2020 16:11

Tgt Ion: 98 Resp: 531572
Ion Ratio Lower Upper
98 100
100 65.8 53.4 80.2

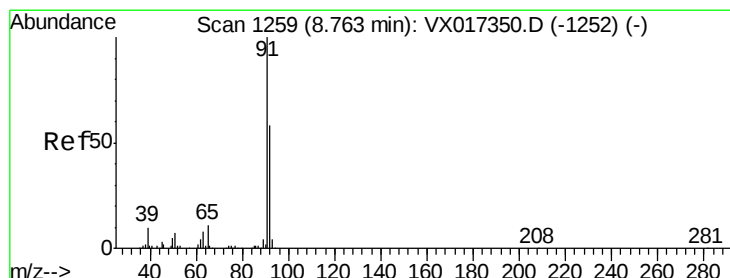
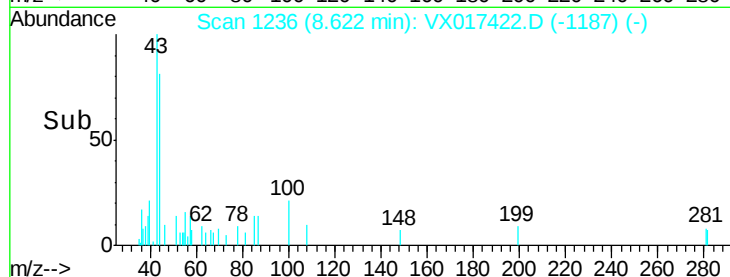
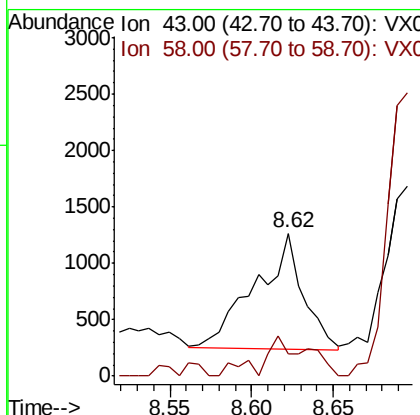
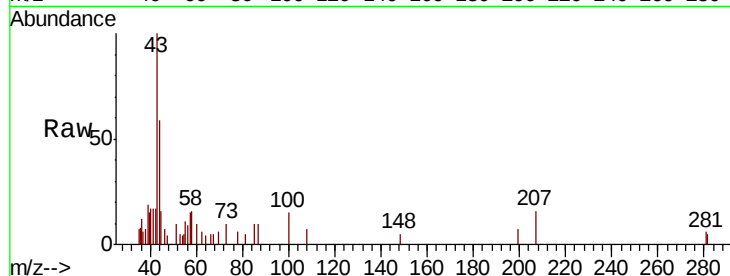




#51
 4-Methyl-2-Pentanone
 Concen: 0.537 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX017422.D
 Acq: 17 Jul 2020 16:11

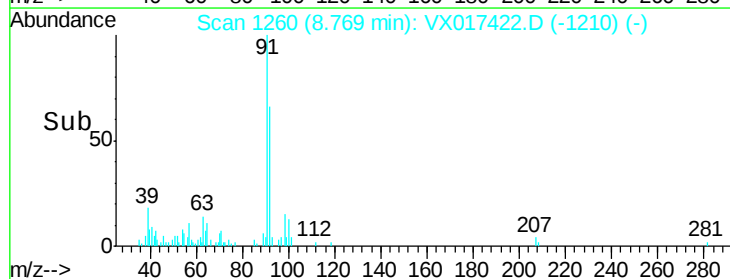
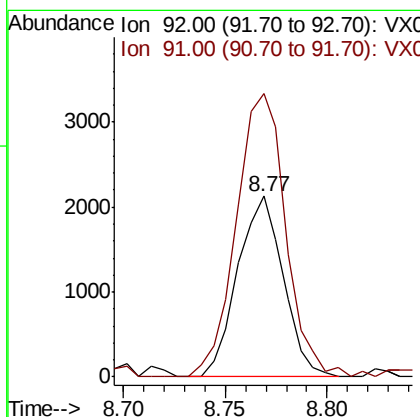
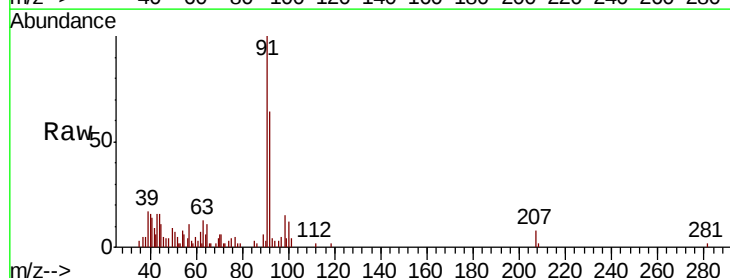
Instrument :
 MSVOA_X
 ClientSampled :

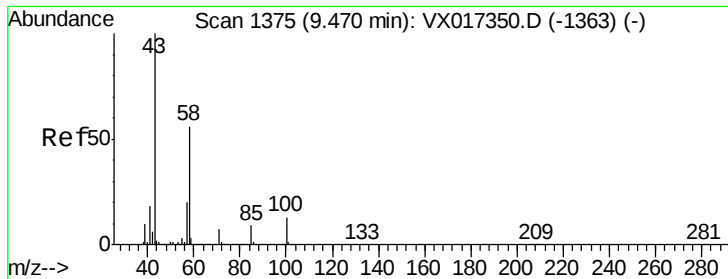
Tot Ion: 43 Resp: 2101
 Ion Ratio Lower Upper
 43 100
 58 16.7 32.2 48.2#



#52
 Toluene
 Concen: 0.462 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.01 min
 Lab File: VX017422.D
 Acq: 17 Jul 2020 16:11

Tgt Ion: 92 Resp: 3306
 Ion Ratio Lower Upper
 92 100
 91 169.4 136.7 205.1

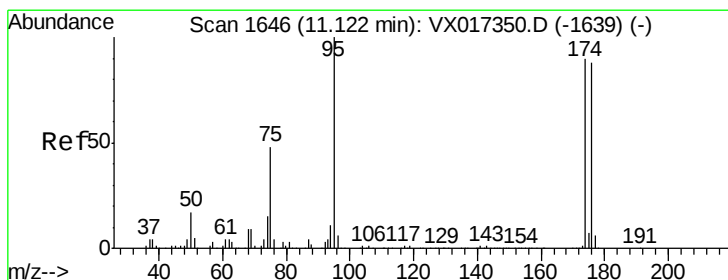
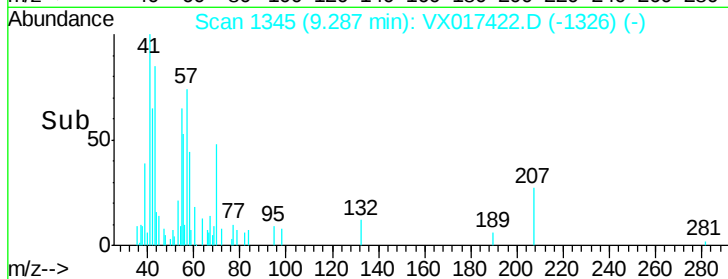
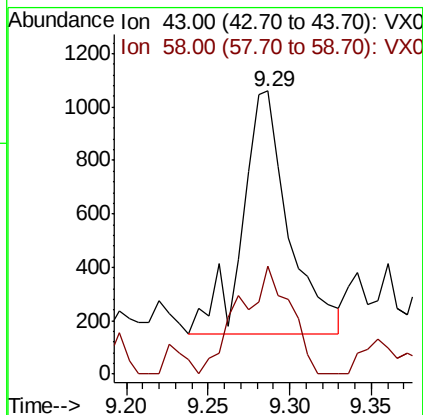
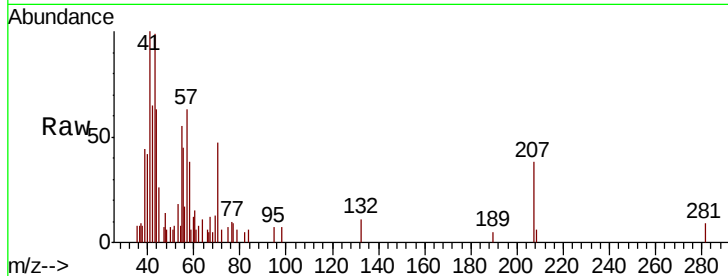




#59
2-Hexanone
Concen: 0.610 ug/l
RT: 9.29 min Scan# 1345
Delta R.T. -0.18 min
Lab File: VX017422.D
Acq: 17 Jul 2020 16:11

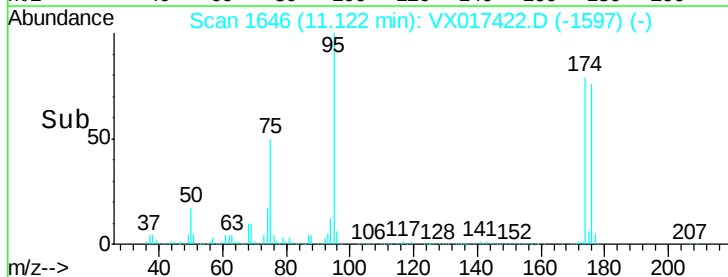
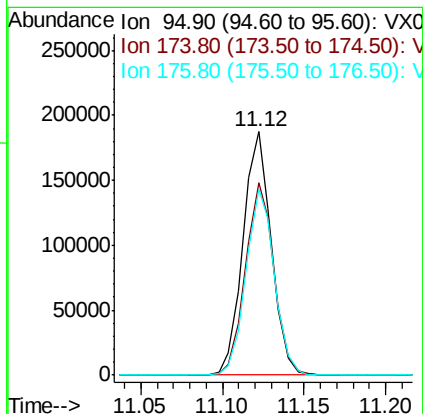
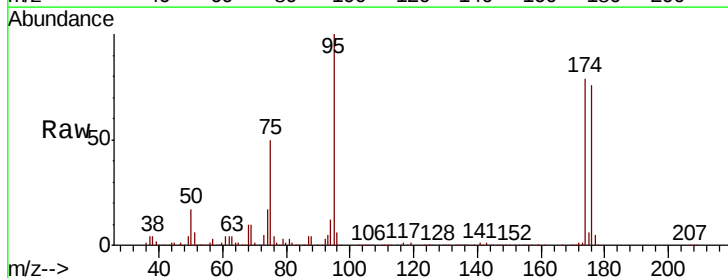
Instrument :
MSVOA_X
ClientSampled :

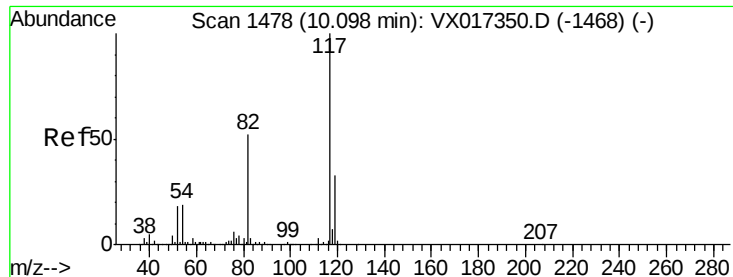
Tot Ion: 43 Resp: 1802
Ion Ratio Lower Upper
43 100
58 49.2 28.1 84.3



#62
4-Bromofluorobenzene
Concen: 55.623 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX017422.D
Acq: 17 Jul 2020 16:11

Tgt Ion: 95 Resp: 226592
Ion Ratio Lower Upper
95 100
174 79.8 0.0 175.8
176 76.6 0.0 164.6

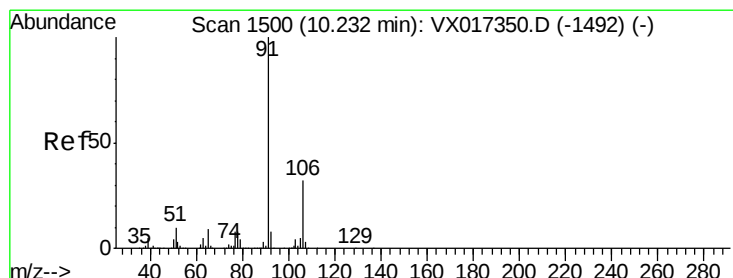
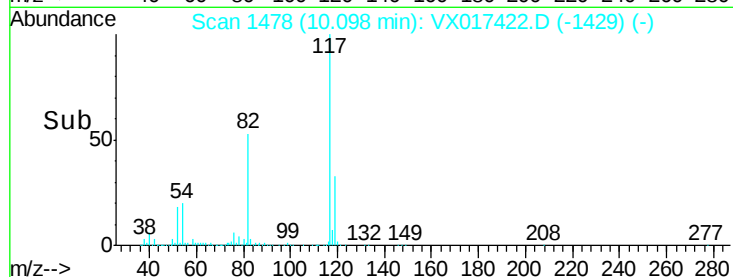
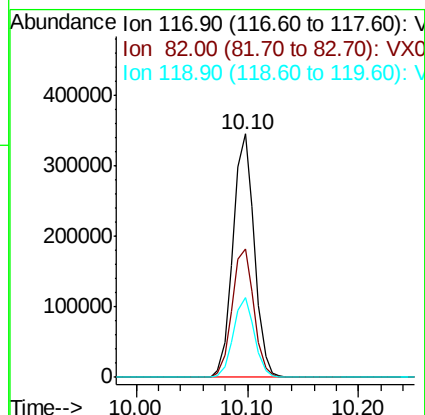
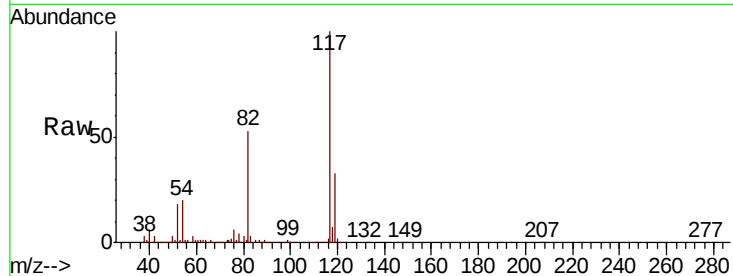




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017422.D
Acq: 17 Jul 2020 16:11

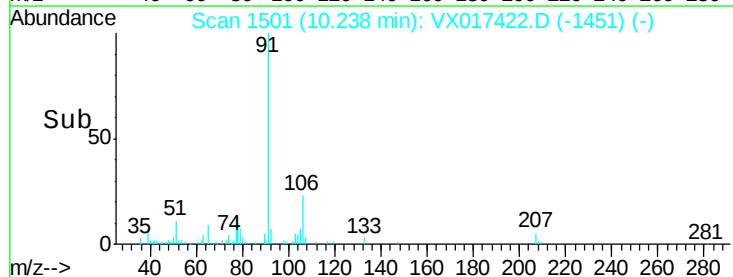
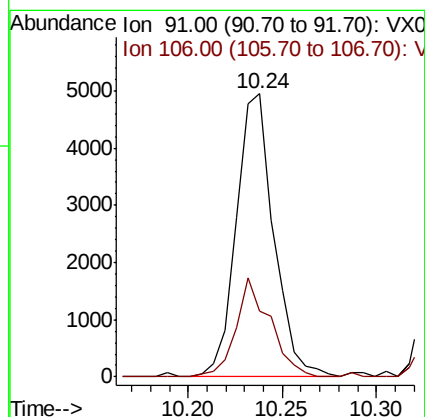
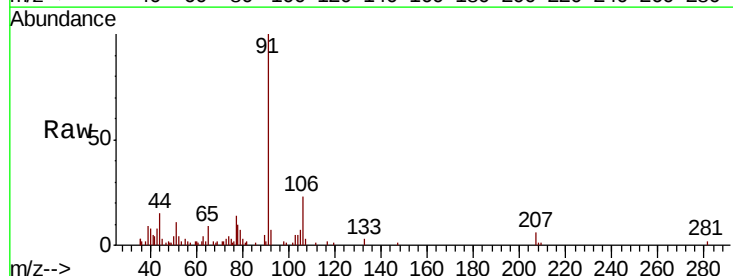
Instrument :
MSVOA_X
ClientSampleId :

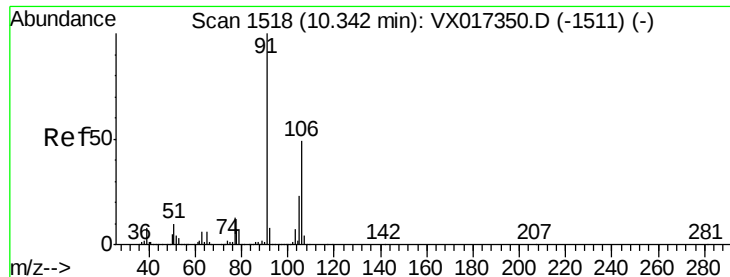
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.0	63.0
119	32.9	26.3	39.5



#67
Ethyl Benzene
Concen: 0.441 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX017422.D
Acq: 17 Jul 2020 16:11

Tgt Ion	Ratio	Lower	Upper
91	100		
106	23.2	25.7	38.5

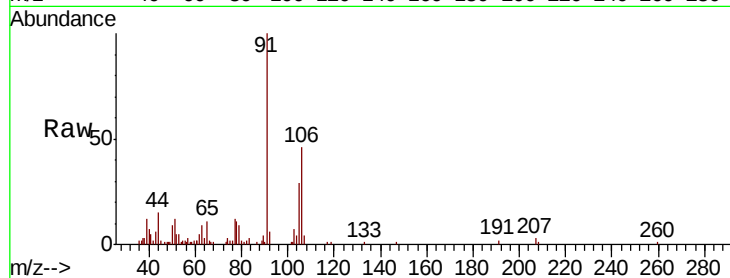




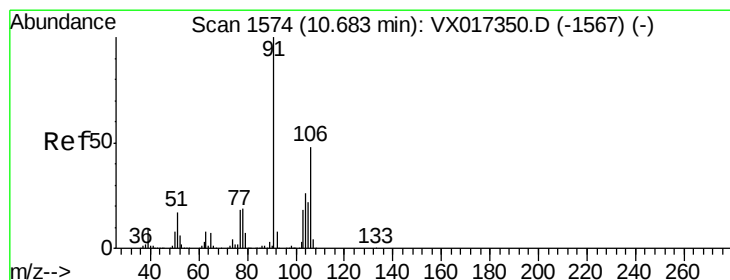
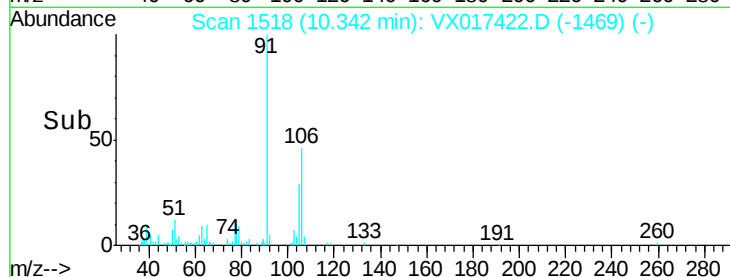
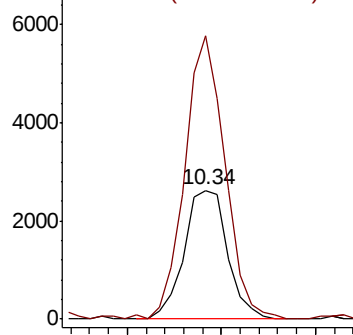
#68
m/p-Xylenes
Concen: 0.710 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017422.D
Acq: 17 Jul 2020 16:11

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 4176
Ion Ratio Lower Upper
106 100
91 203.6 162.5 243.7

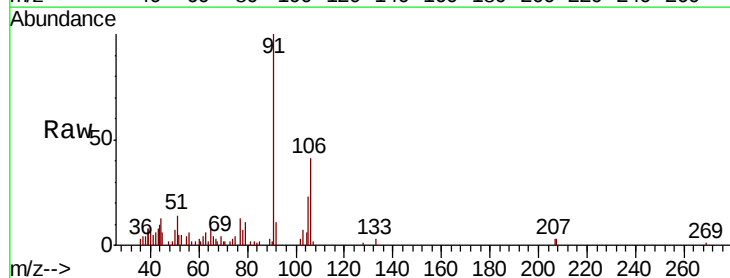


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

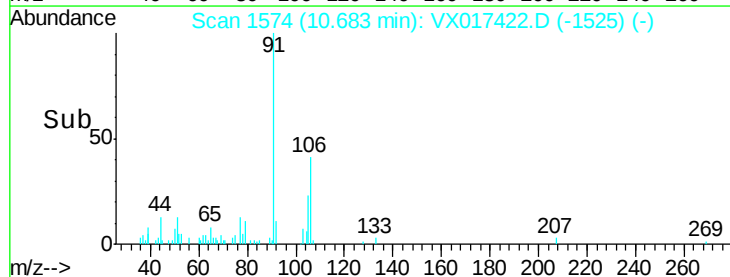
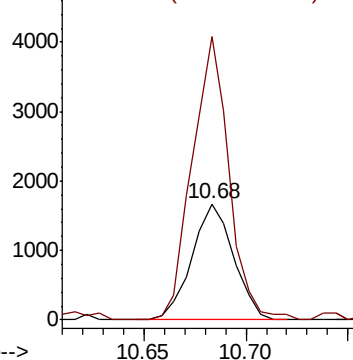


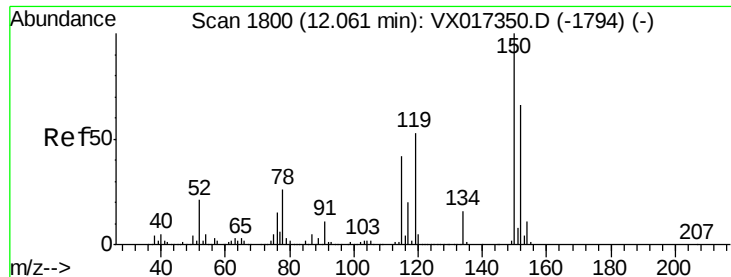
#69
o-Xylene
Concen: 0.422 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017422.D
Acq: 17 Jul 2020 16:11

Tgt Ion:106 Resp: 2374
Ion Ratio Lower Upper
106 100
91 215.5 106.1 318.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017422.D

Acq: 17 Jul 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

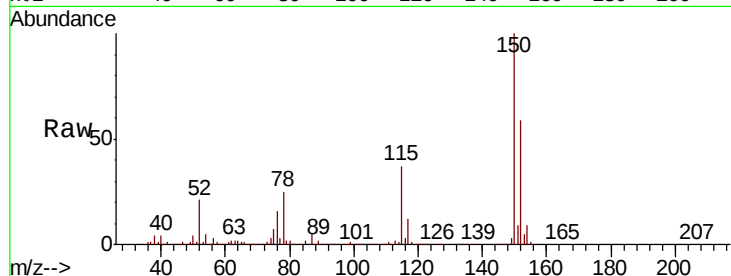
Tot Ion:152 Resp: 237770

Ion Ratio Lower Upper

152 100

115 59.3 39.9 119.7

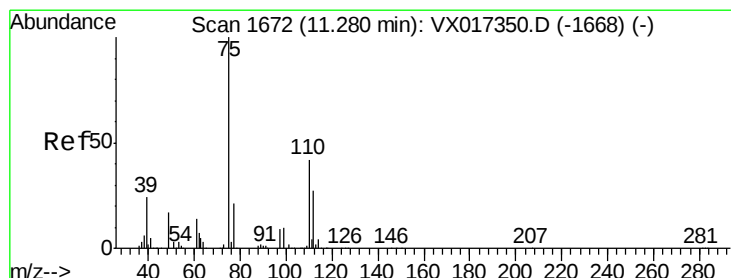
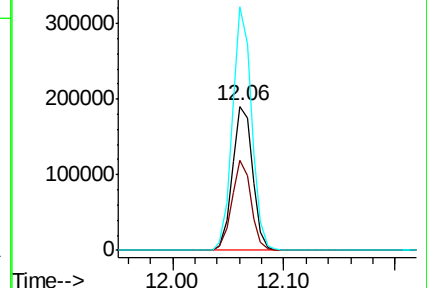
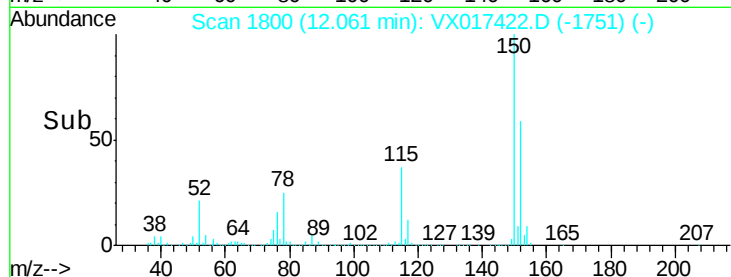
150 160.5 0.0 343.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 25.713 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX017422.D

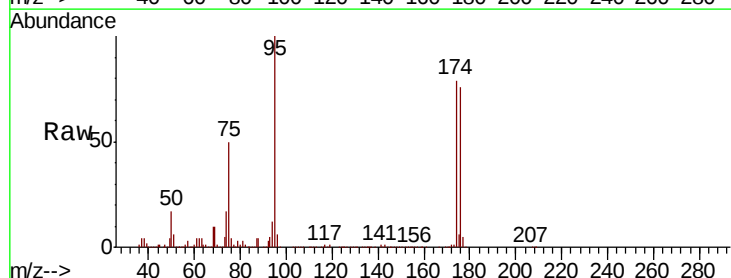
Acq: 17 Jul 2020 16:11

Tgt Ion: 75 Resp: 112973

Ion Ratio Lower Upper

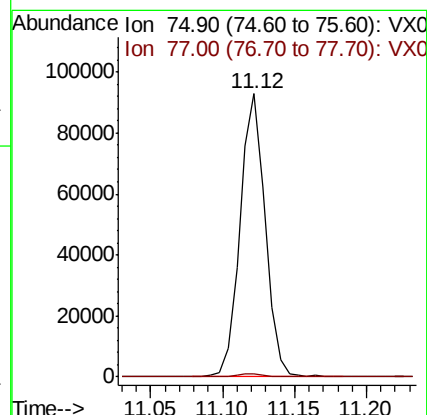
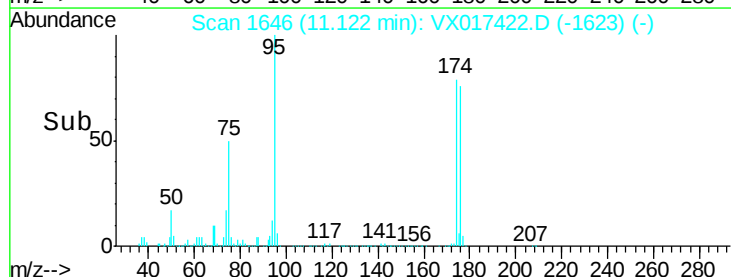
75 100

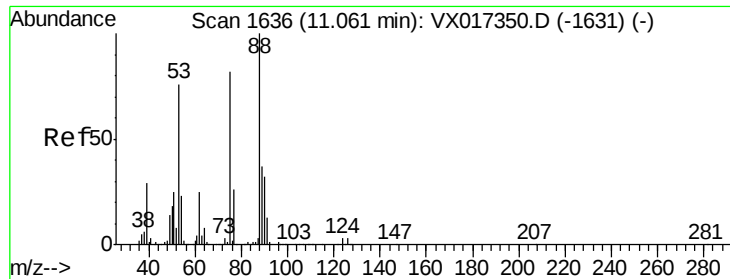
77 1.5 20.3 60.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 65.228 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX017422.D

Acq: 17 Jul 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

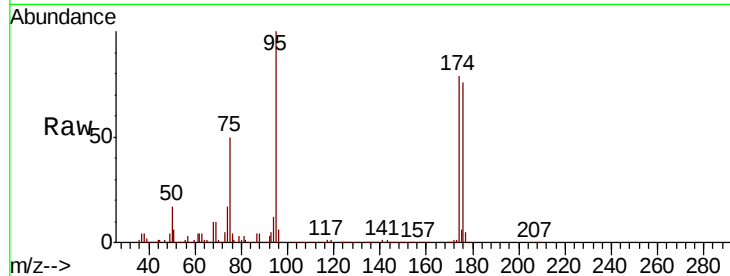
Tot Ion: 75 Resp: 112973

Ion Ratio Lower Upper

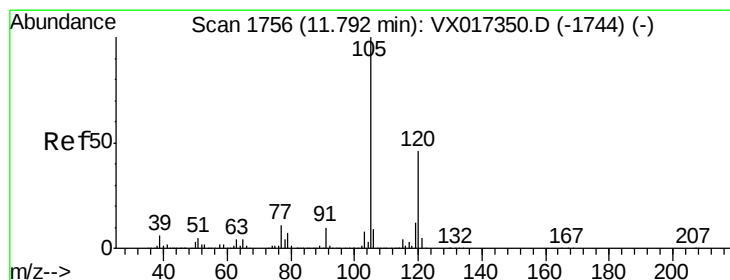
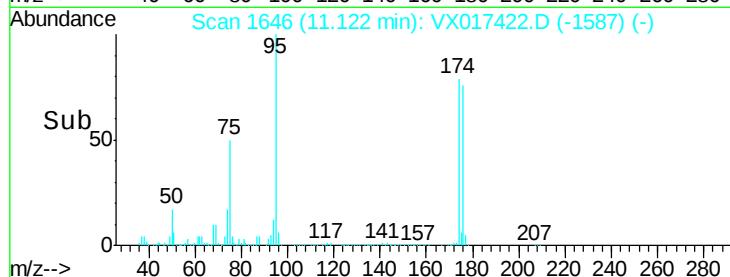
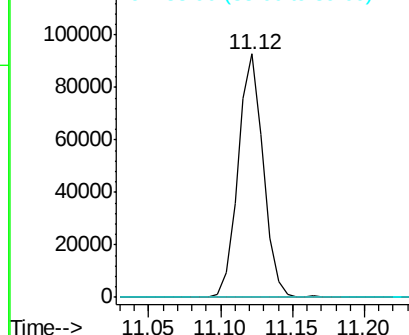
75 100

53 0.5 76.5 114.7#

89 0.0 38.1 57.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#84

1,2,4-Trimethylbenzene

Concen: 0.235 ug/l

RT: 11.79 min Scan# 1755

Delta R.T. -0.01 min

Lab File: VX017422.D

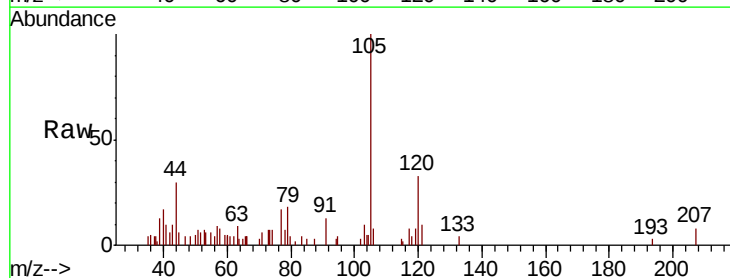
Acq: 17 Jul 2020 16:11

Tgt Ion: 105 Resp: 3008

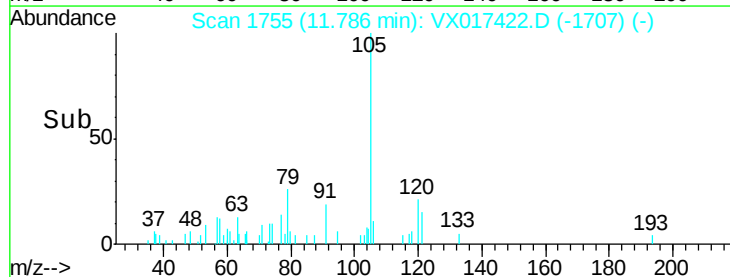
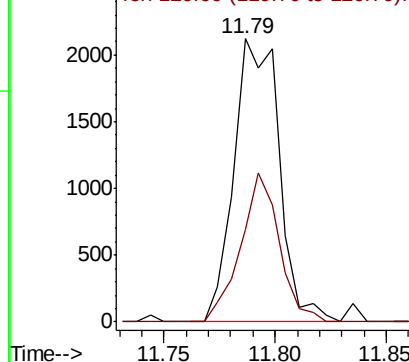
Ion Ratio Lower Upper

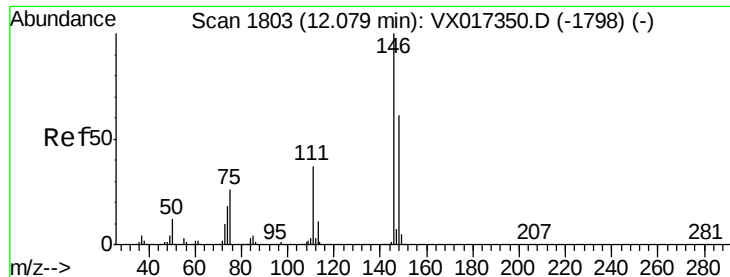
105 100

120 44.9 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

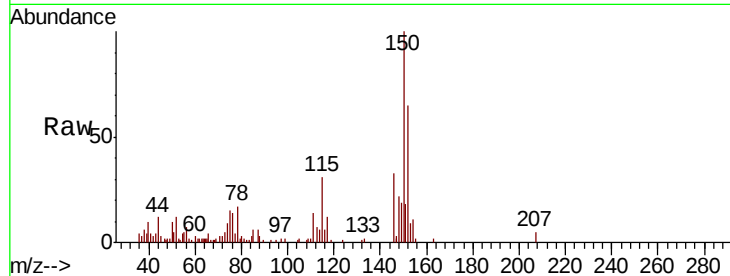




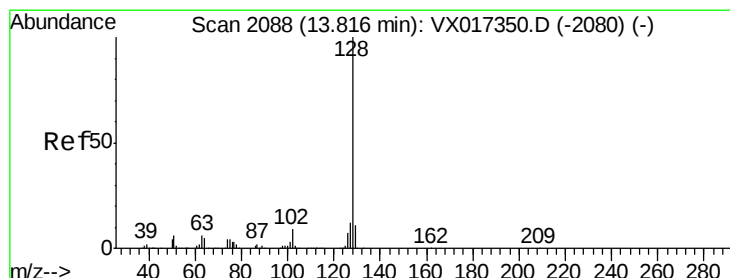
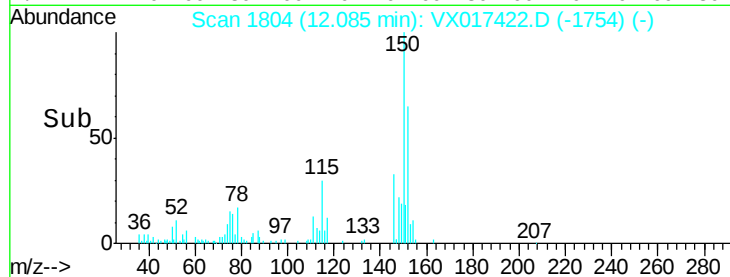
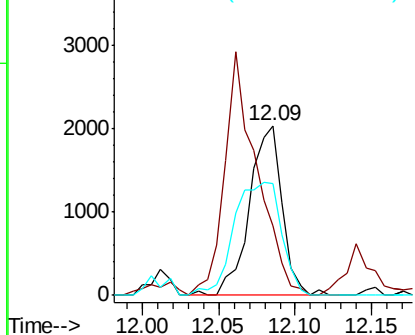
#88
 1,4-Dichlorobenzene
 Concen: 0.395 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX017422.D
 Acq: 17 Jul 2020 16:11

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	0.0	18.9	56.9#
148	96.1	31.9	95.9#

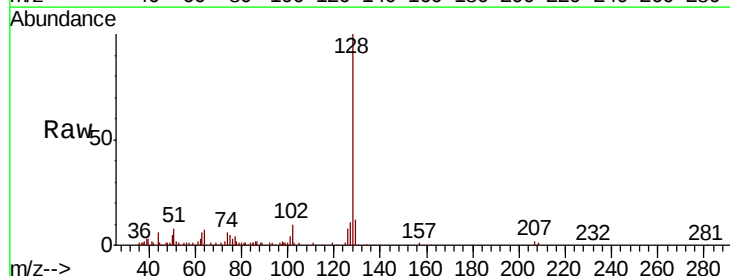


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V



#95
 Naphthalene
 Concen: 1.445 ug/l
 RT: 13.82 min Scan# 2088
 Delta R.T. 0.00 min
 Lab File: VX017422.D
 Acq: 17 Jul 2020 16:11

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	12.7	8.9	13.3



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

