

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
 Data File : VX029261.D
 Acq On : 07 Jun 2022 01:16
 Operator : JC/MD
 Sample : N3166-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RB07-20220601

Quant Time: Jun 07 06:09:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

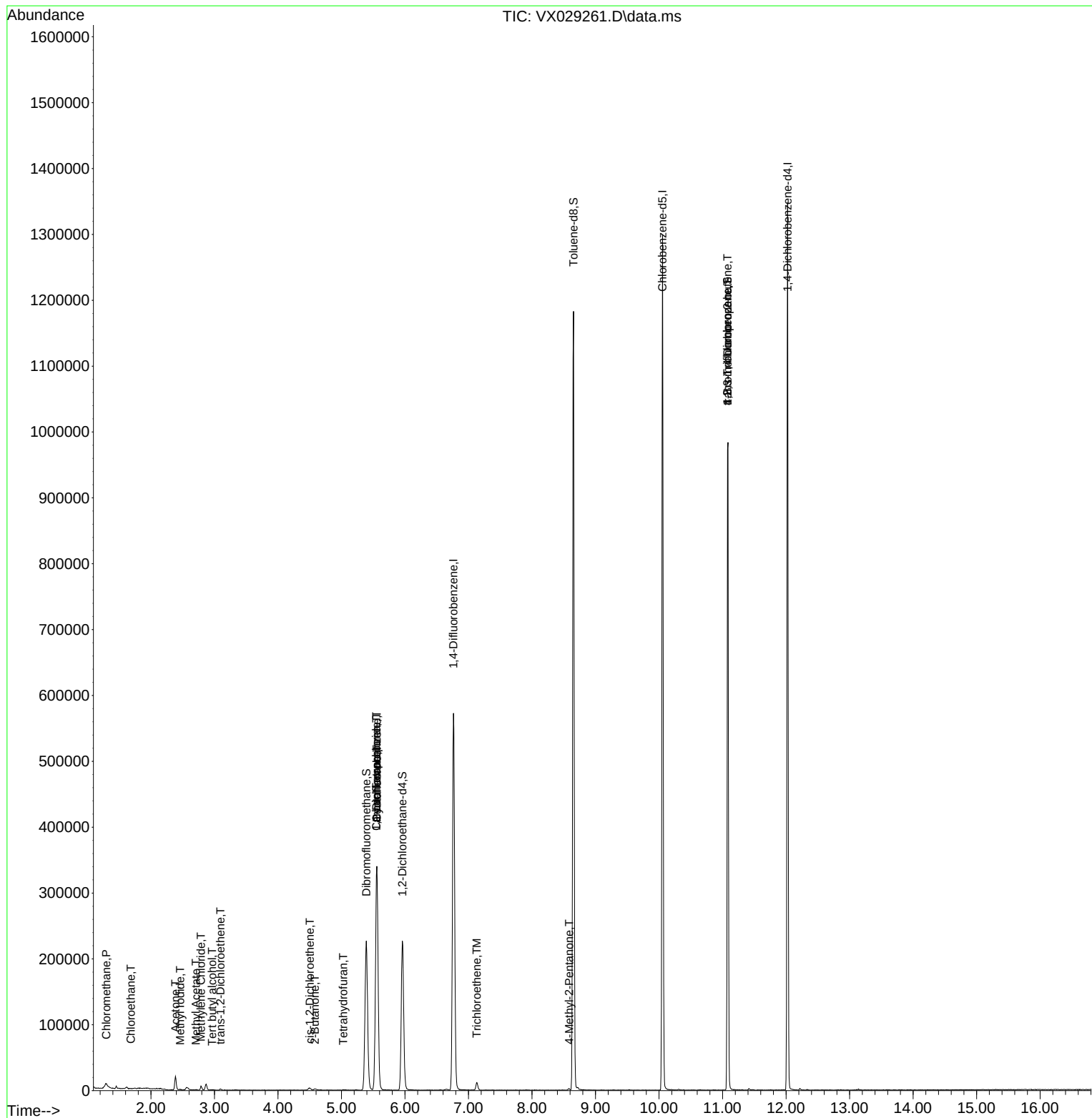
Internal Standards						
1) Pentafluorobenzene	5.556	168	316519	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	604229	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	584143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	270971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	219691	61.552	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	123.100%
35) Dibromofluoromethane	5.391	113	198867	49.550	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.100%
50) Toluene-d8	8.653	98	715902	48.771	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.540%
62) 4-Bromofluorobenzene	11.079	95	287907	50.740	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.480%
Target Compounds						
						Qvalue
3) Chloromethane	1.295	50	832	0.289	ug/l	# 79
5) Bromomethane	1.618	94	767	Below Cal		85
6) Chloroethane	1.685	64	334	1.522	ug/l	# 43
10) Methyl Iodide	2.459	142	944	4.469	ug/l	# 96
11) Tert butyl alcohol	2.965	59	588	0.711	ug/l	# 72
16) Acetone	2.386	43	22072	15.704	ug/l	90
18) Methyl Acetate	2.709	43	912	0.251	ug/l	# 88
20) Methylene Chloride	2.788	84	2457	0.750	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	780	0.242	ug/l	# 84
25) 2-Butanone	4.580	43	3755	1.656	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	2476	0.645	ug/l	73
29) Tetrahydrofuran	5.026	42	294	0.202	ug/l	# 69
31) Cyclohexane	5.556	56	6305	1.359	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	24605	4.765	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	34027	5.766	ug/l	# 14
44) Trichloroethene	7.129	130	4657	0.329	ug/l	93
51) 4-Methyl-2-Pentanone	8.586	43	1420	0.273	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	140823	25.637	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	140823	75.213	ug/l	# 15

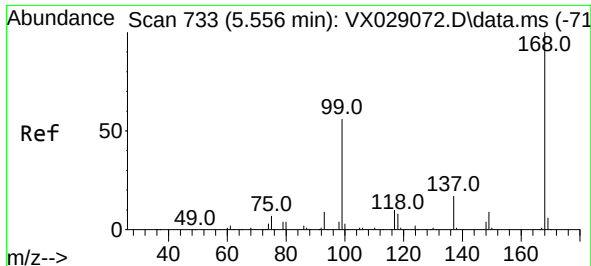
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
Data File : VX029261.D
Acq On : 07 Jun 2022 01:16
Operator : JC/MD
Sample : N3166-18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RB07-20220601

Quant Time: Jun 07 06:09:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 01 04:45:42 2022
Response via : Initial Calibration

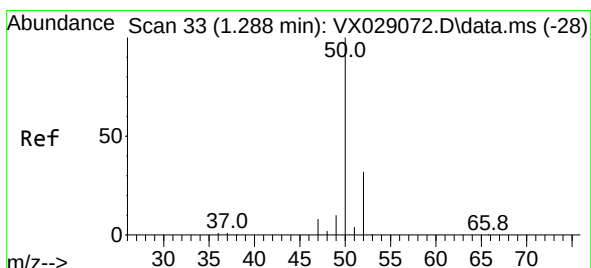
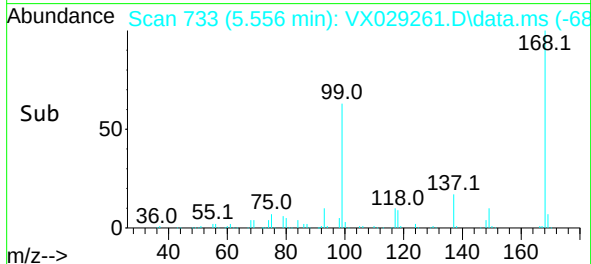
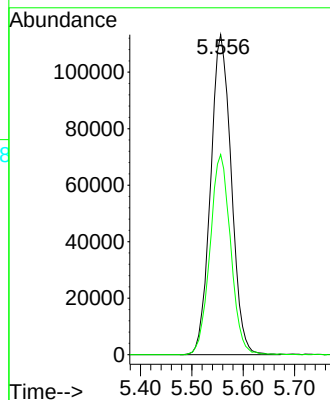
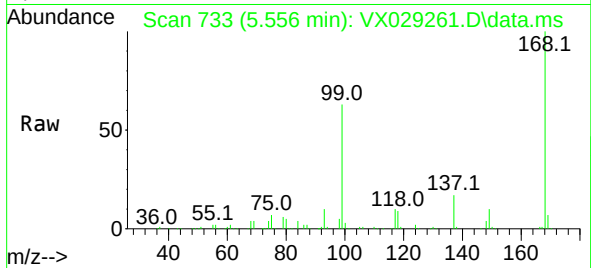




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029261.D
Acq: 07 Jun 2022 01:16

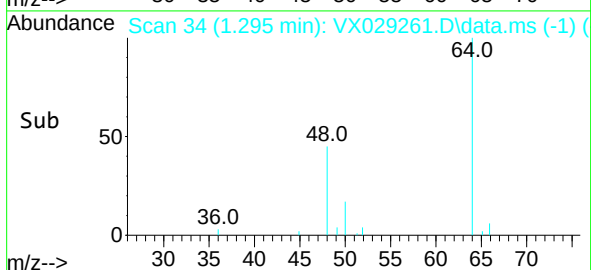
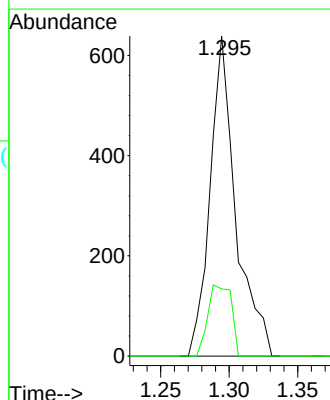
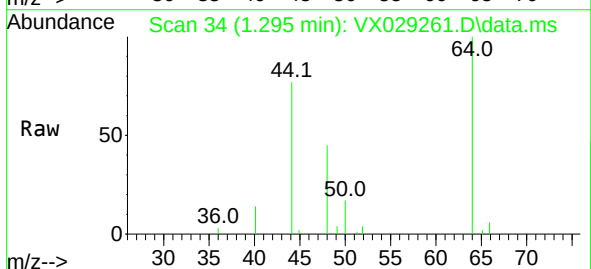
Instrument :
MSVOA_X
ClientSampleId :
RB07-20220601

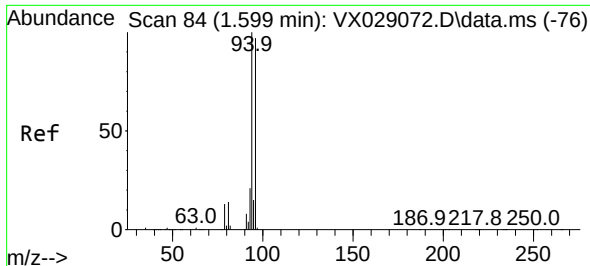
Tgt Ion:168 Resp: 316519
Ion Ratio Lower Upper
168 100
99 62.5 41.7 62.5#



#3
Chloromethane
Concen: 0.289 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029261.D
Acq: 07 Jun 2022 01:16

Tgt Ion: 50 Resp: 832
Ion Ratio Lower Upper
50 100
52 21.0 26.4 39.6#

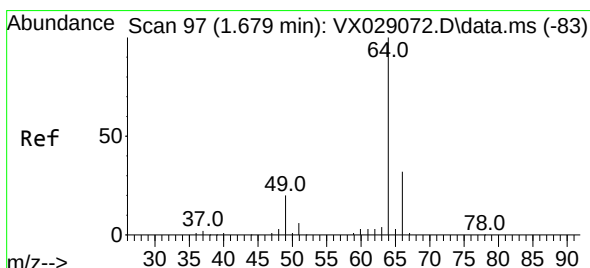
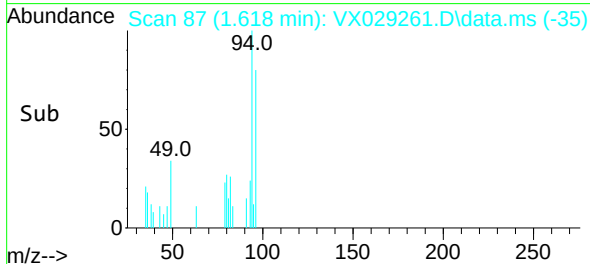
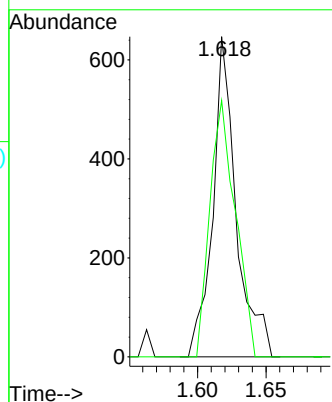
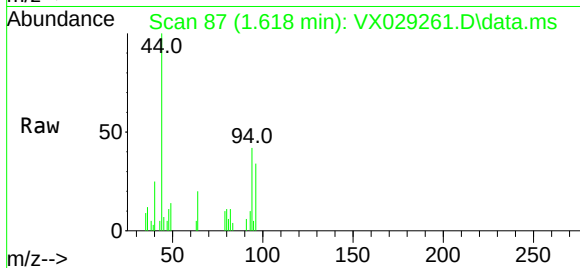




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX029261.D
Acq: 07 Jun 2022 01:16

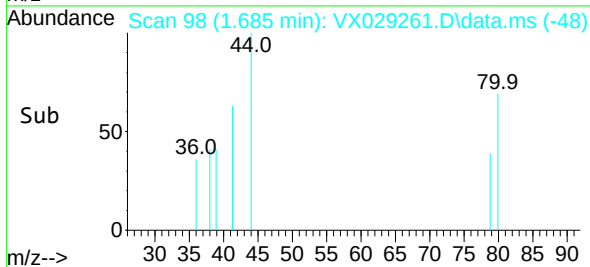
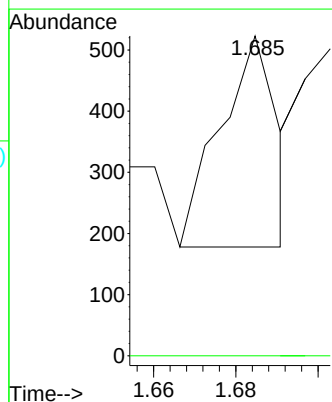
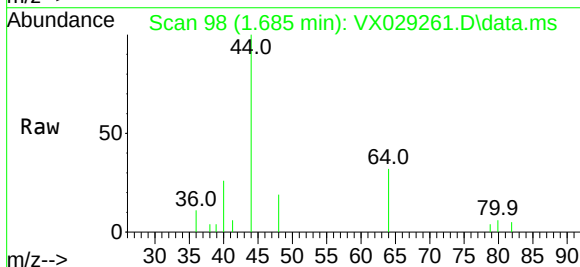
Instrument :
MSVOA_X
ClientSampleId :
RB07-20220601

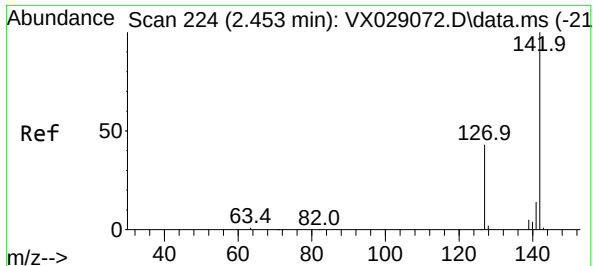
Tgt Ion: 94 Resp: 767
Ion Ratio Lower Upper
94 100
96 80.1 75.3 112.9



#6
Chloroethane
Concen: 1.522 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX029261.D
Acq: 07 Jun 2022 01:16

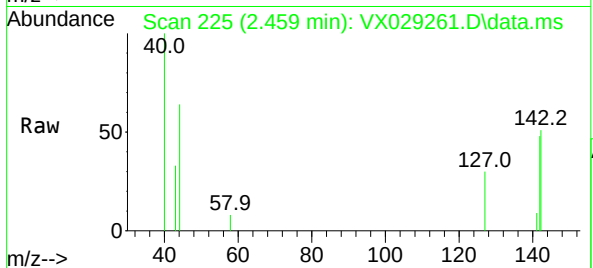
Tgt Ion: 64 Resp: 334
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



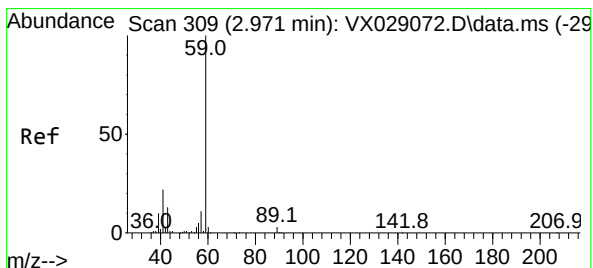
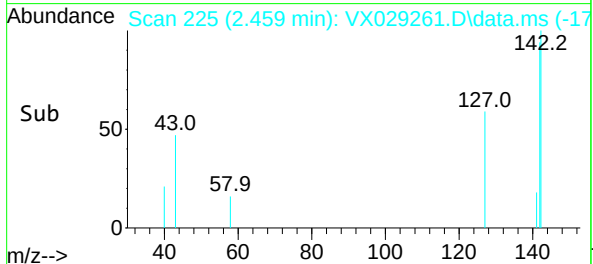
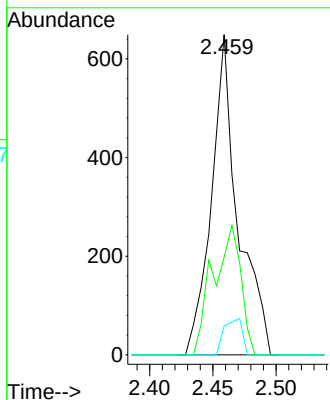


#10
Methyl Iodide
Concen: 4.469 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029261.D
Acq: 07 Jun 2022 01:16

Instrument :
MSVOA_X
ClientSampleId :
RB07-20220601

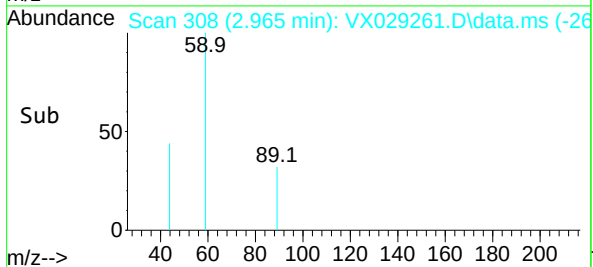
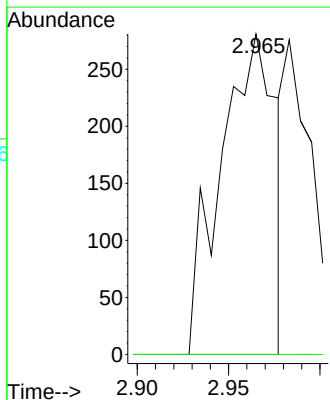
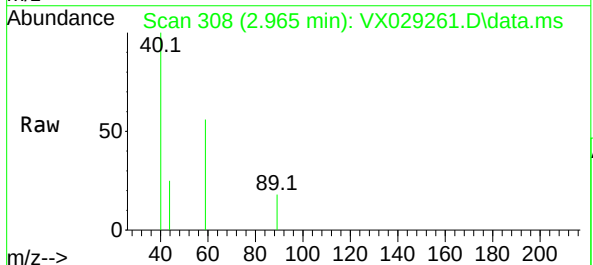


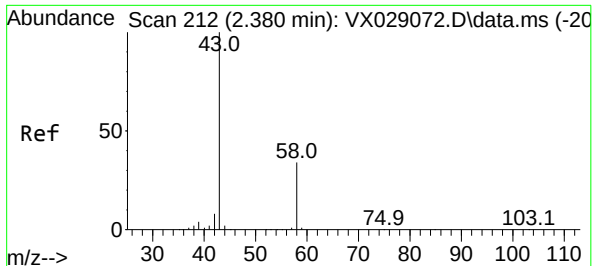
Tgt Ion:142 Resp: 944
Ion Ratio Lower Upper
142 100
127 42.5 33.9 50.9
141 7.7 11.4 17.2#



#11
Tert butyl alcohol
Concen: 0.711 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX029261.D
Acq: 07 Jun 2022 01:16

Tgt Ion: 59 Resp: 588
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

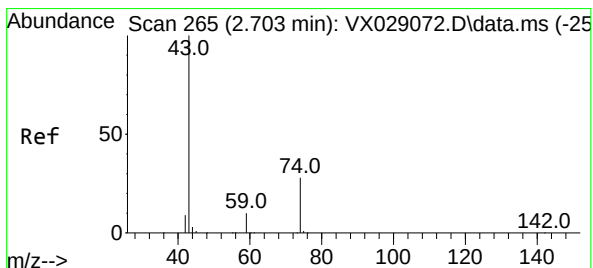
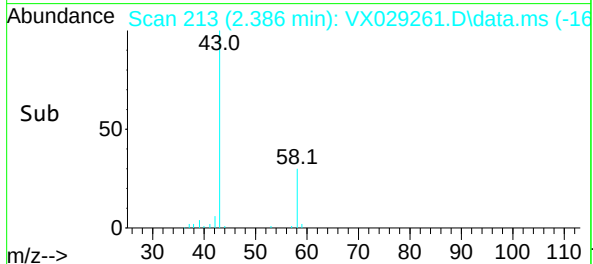
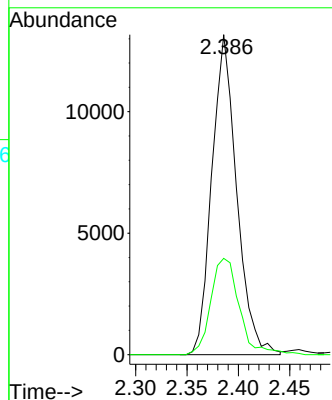
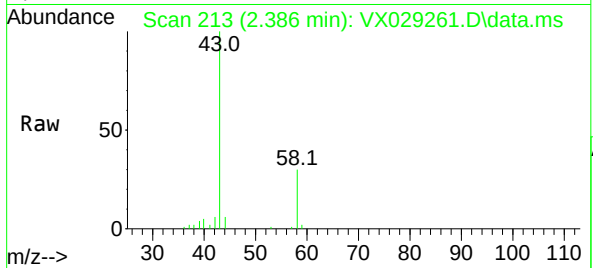




#16
Acetone
Concen: 15.704 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029261.D
Acq: 07 Jun 2022 01:16

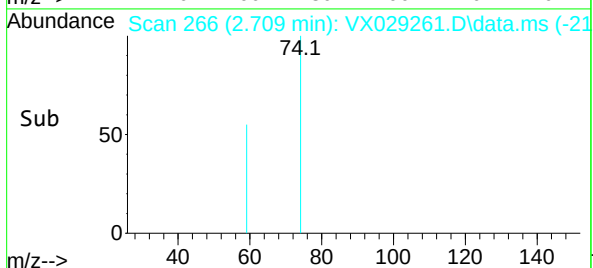
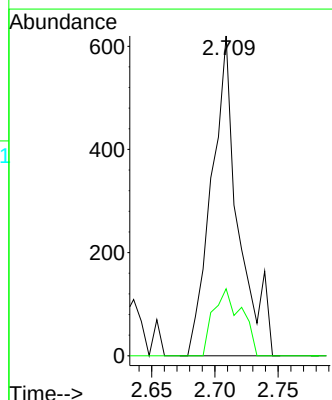
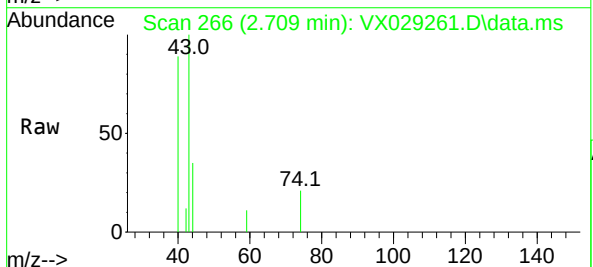
Instrument :
MSVOA_X
ClientSampleId :
RB07-20220601

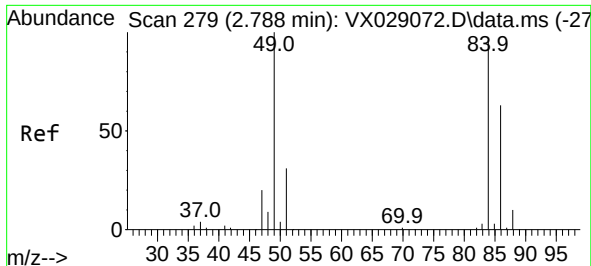
Tgt Ion: 43 Resp: 22072
Ion Ratio Lower Upper
43 100
58 30.1 28.8 43.2



#18
Methyl Acetate
Concen: 0.251 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX029261.D
Acq: 07 Jun 2022 01:16

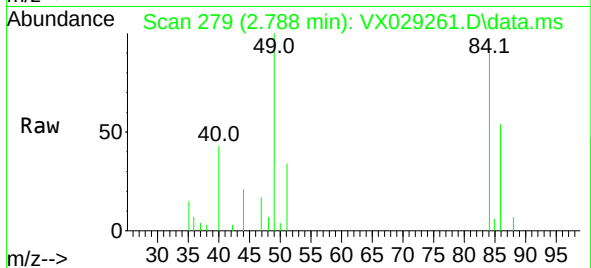
Tgt Ion: 43 Resp: 912
Ion Ratio Lower Upper
43 100
74 22.0 22.8 34.2#



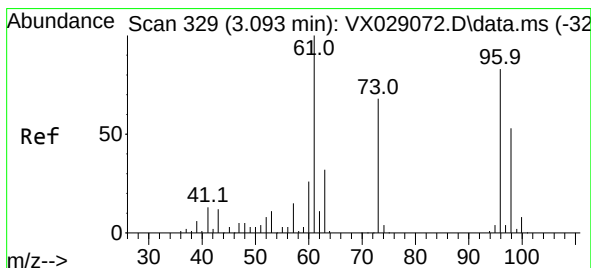
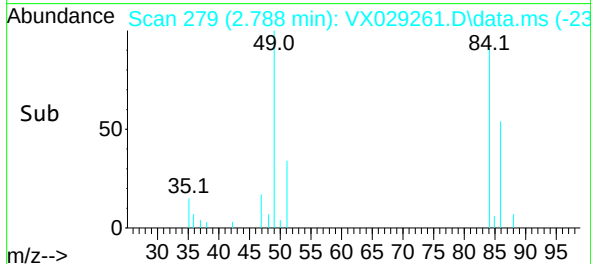
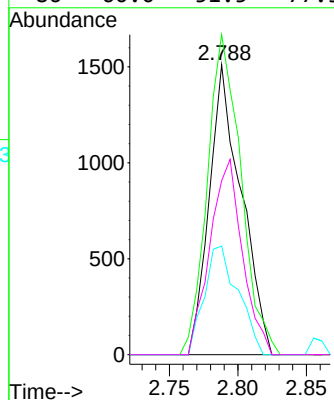


#20
Methylene Chloride
Concen: 0.750 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX029261.D
Acq: 07 Jun 2022 01:16

Instrument :
MSVOA_X
ClientSampleId :
RB07-20220601

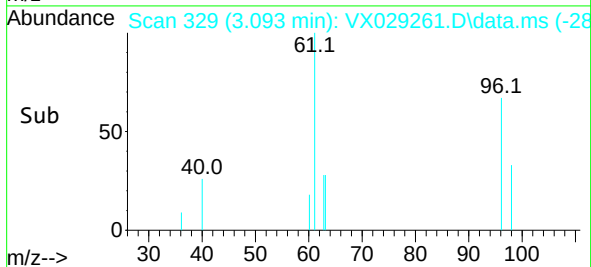
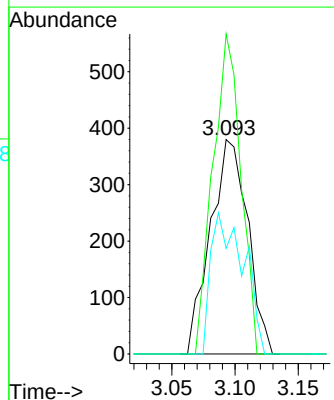
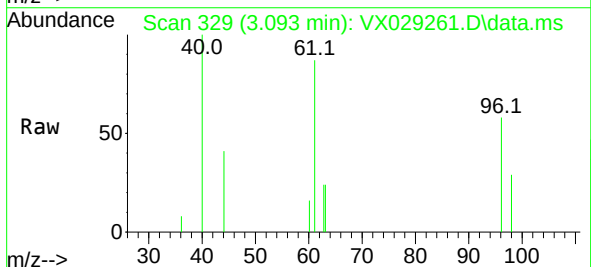


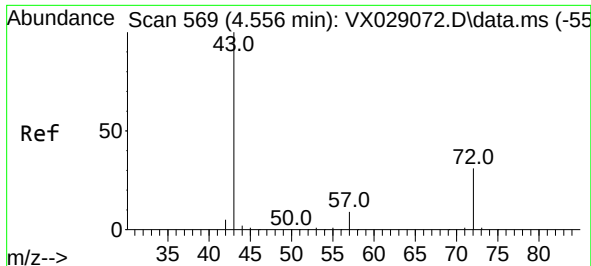
Tgt Ion: 84	Resp: 2457
Ion Ratio	Lower Upper
84 100	
49 110.4	85.5 128.3
51 37.5	26.6 39.8
86 60.0	51.5 77.3



#21
trans-1,2-Dichloroethene
Concen: 0.242 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX029261.D
Acq: 07 Jun 2022 01:16

Tgt Ion: 96	Resp: 780		
Ion Ratio	Lower	Upper	
96 100			
61 149.2	105.4	158.2	
98 49.2	50.0	75.0#	

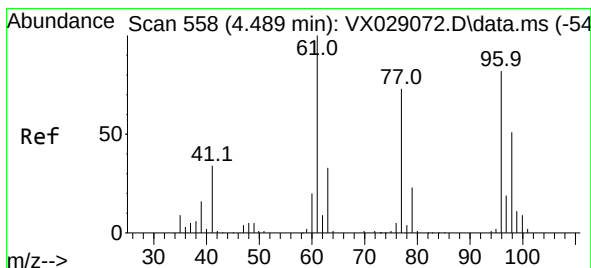
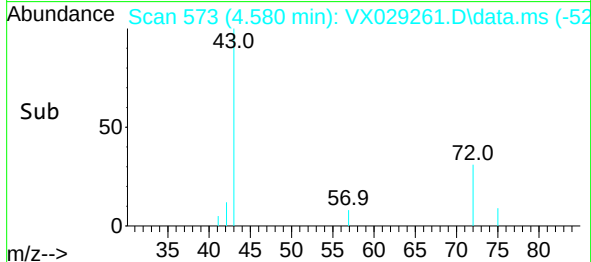
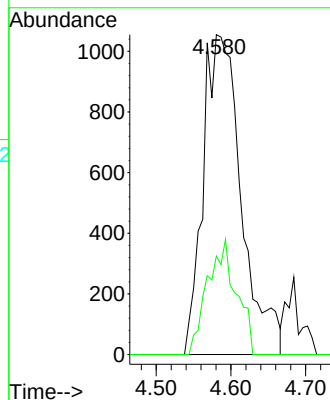
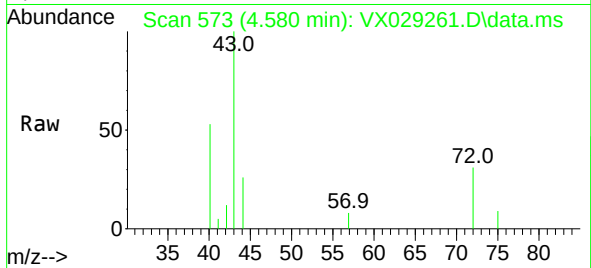




#25
2-Butanone
Concen: 1.656 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX029261.D
Acq: 07 Jun 2022 01:16

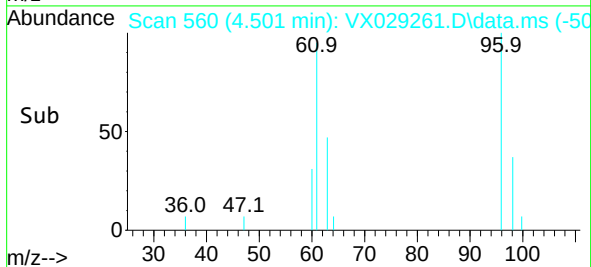
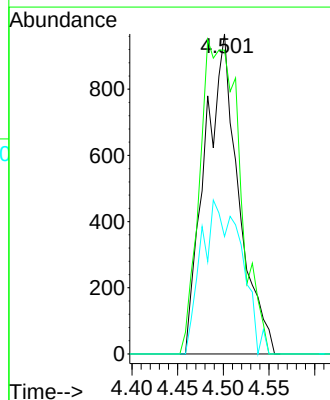
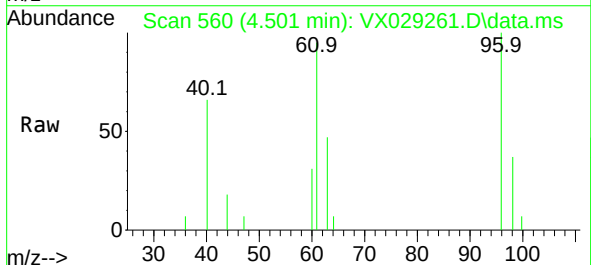
Instrument :
MSVOA_X
ClientSampleId :
RB07-20220601

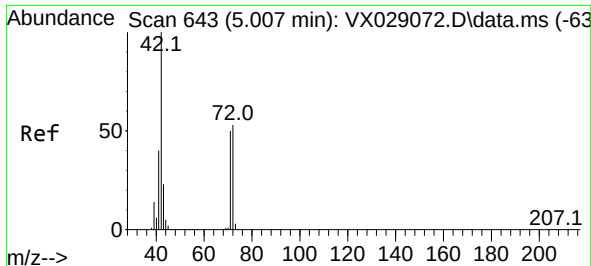
Tgt Ion: 43 Resp: 3755
Ion Ratio Lower Upper
43 100
72 30.8 24.4 36.6



#27
cis-1,2-Dichloroethene
Concen: 0.645 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX029261.D
Acq: 07 Jun 2022 01:16

Tgt Ion: 96 Resp: 2476
Ion Ratio Lower Upper
96 100
61 116.1 0.0 283.8
98 33.1 0.0 129.8





#29

Tetrahydrofuran

Concen: 0.202 ug/l

RT: 5.026 min Scan# 643

Delta R.T. 0.019 min

Lab File: VX029261.D

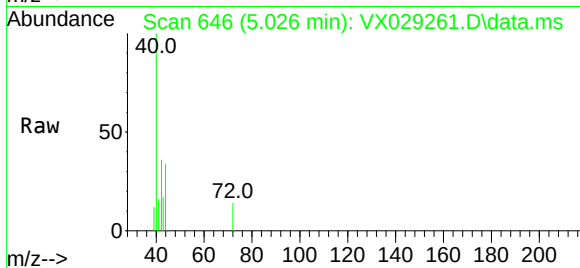
Acq: 07 Jun 2022 01:16

Instrument :

MSVOA_X

ClientSampleId :

RB07-20220601



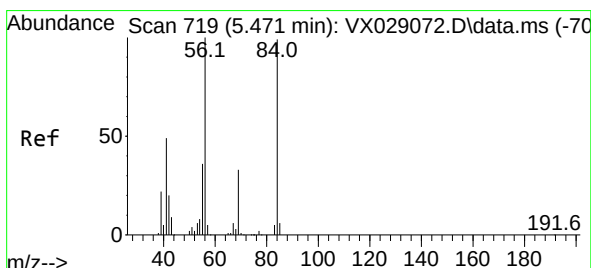
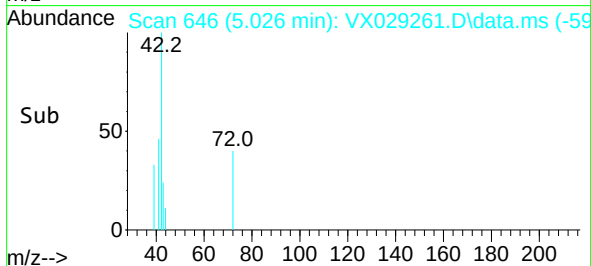
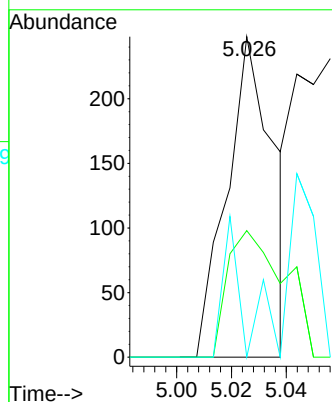
Tgt Ion: 42 Resp: 294

Ion Ratio Lower Upper

42 100

72 48.0 44.1 66.1

71 13.6 40.5 60.7#



#31

Cyclohexane

Concen: 1.359 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX029261.D

Acq: 07 Jun 2022 01:16

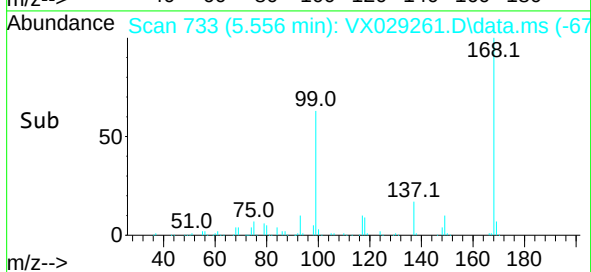
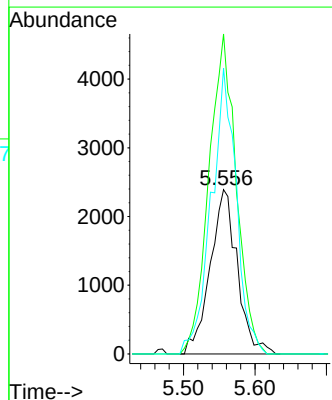
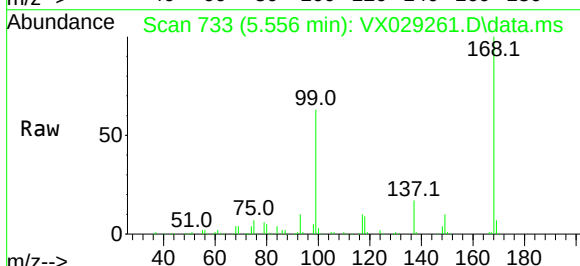
Tgt Ion: 56 Resp: 6305

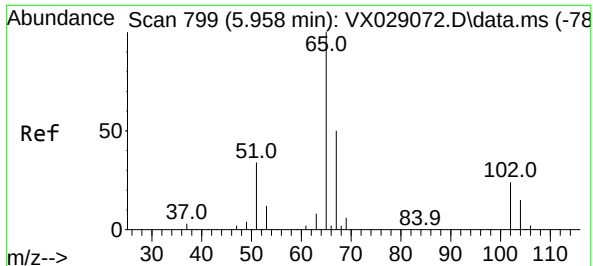
Ion Ratio Lower Upper

56 100

69 194.7 26.7 40.1#

84 173.9 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 61.552 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029261.D

Acq: 07 Jun 2022 01:16

Instrument :

MSVOA_X

ClientSampleId :

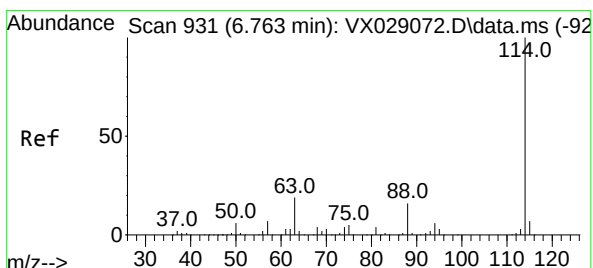
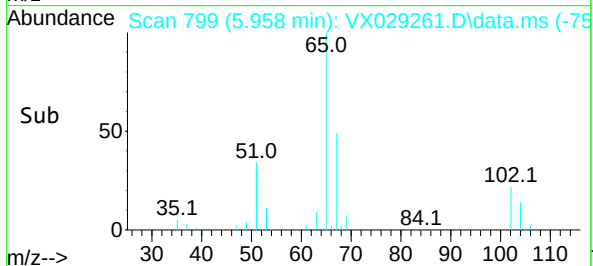
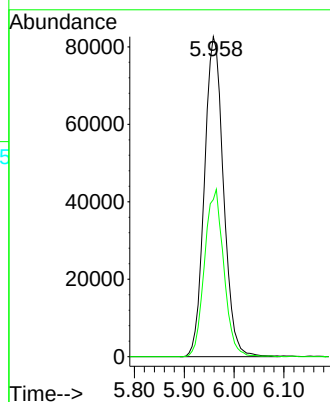
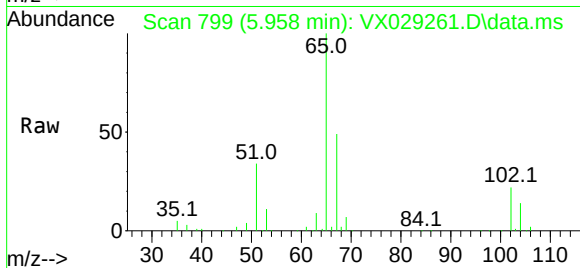
RB07-20220601

Tgt Ion: 65 Resp: 219691

Ion Ratio Lower Upper

65 100

67 52.7 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX029261.D

Acq: 07 Jun 2022 01:16

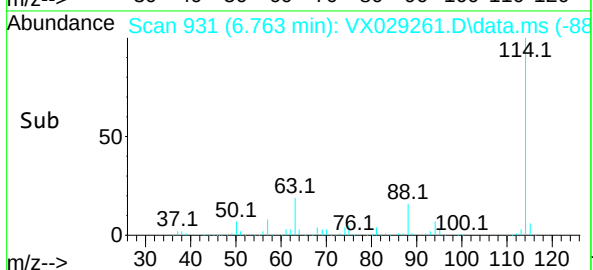
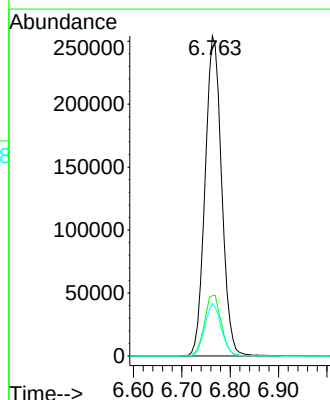
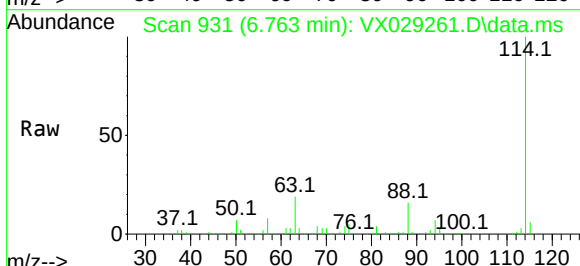
Tgt Ion: 114 Resp: 604229

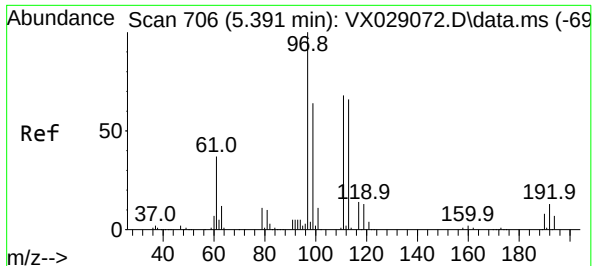
Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.8

88 16.3 0.0 32.4

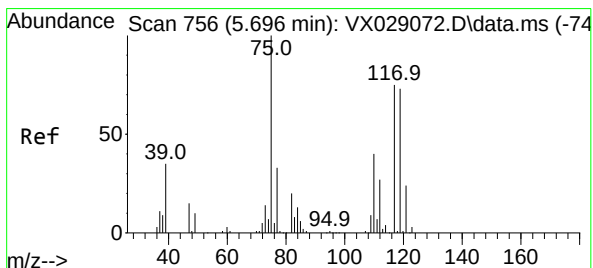
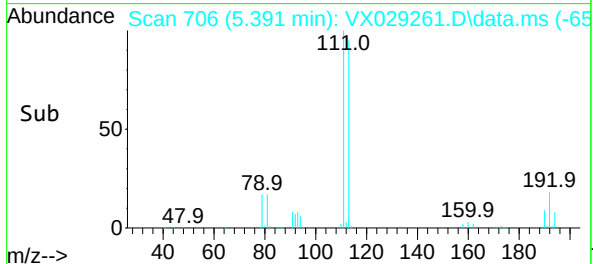
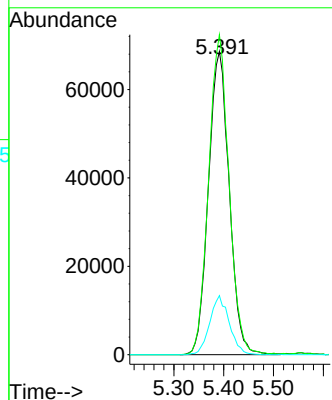
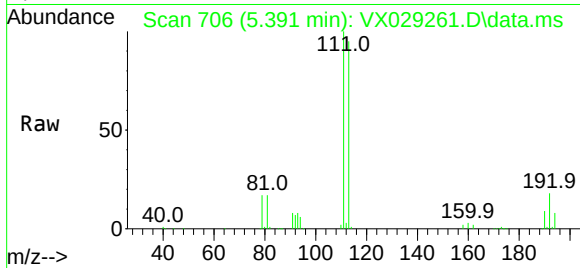




#35
Dibromofluoromethane
Concen: 49.550 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029261.D
Acq: 07 Jun 2022 01:16

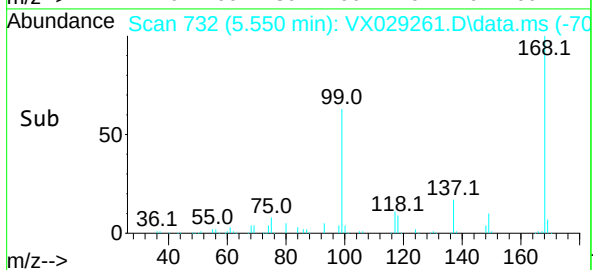
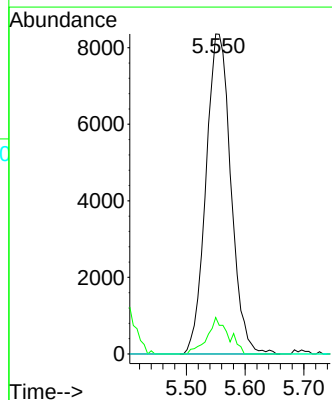
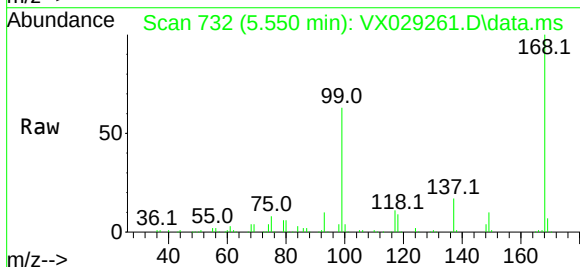
Instrument :
MSVOA_X
ClientSampleId :
RB07-20220601

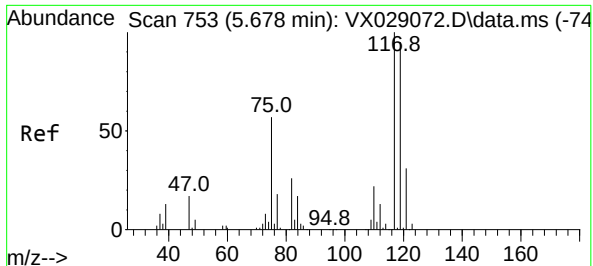
Tgt Ion:113 Resp: 198867
Ion Ratio Lower Upper
113 100
111 103.7 82.8 124.2
192 18.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.765 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX029261.D
Acq: 07 Jun 2022 01:16

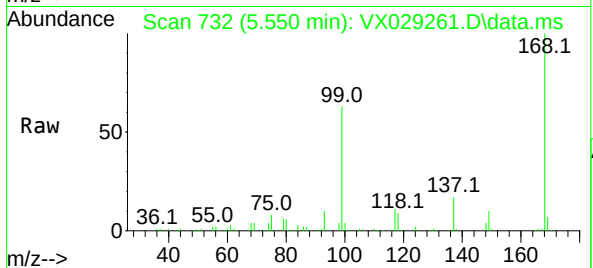
Tgt Ion: 75 Resp: 24605
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#



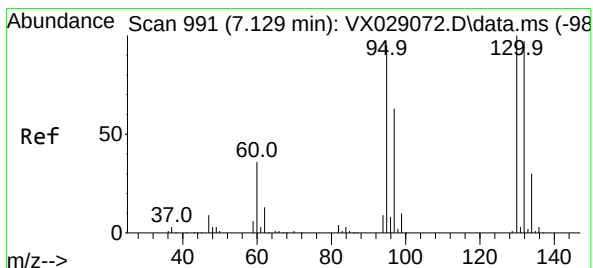
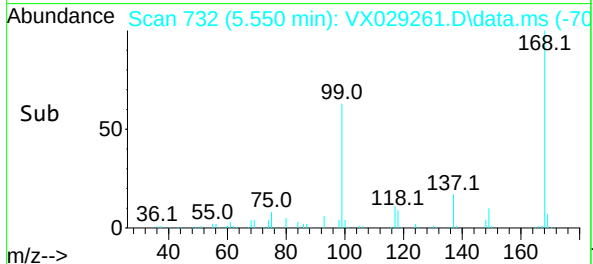
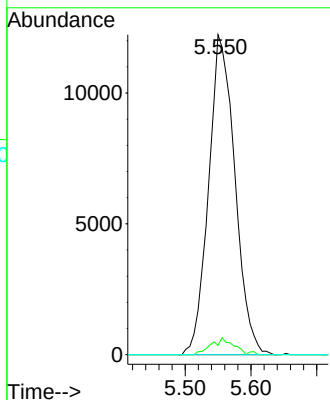


#38
Carbon Tetrachloride
Concen: 5.766 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX029261.D
Acq: 07 Jun 2022 01:16

Instrument :
MSVOA_X
ClientSampleId :
RB07-20220601

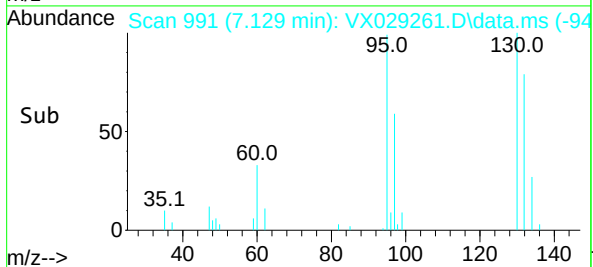
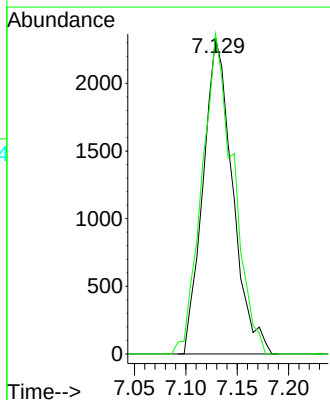
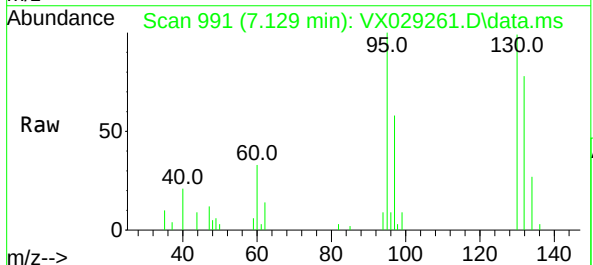


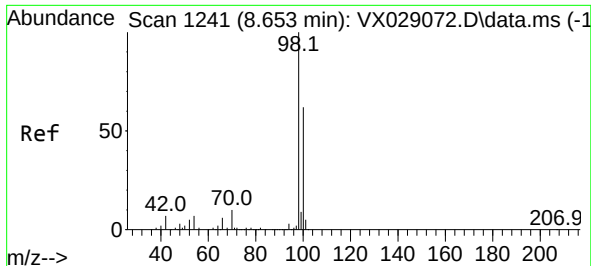
Tgt Ion:117 Resp: 34027
Ion Ratio Lower Upper
117 100
119 2.9 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 0.329 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029261.D
Acq: 07 Jun 2022 01:16

Tgt Ion:130 Resp: 4657
Ion Ratio Lower Upper
130 100
95 101.3 0.0 188.8

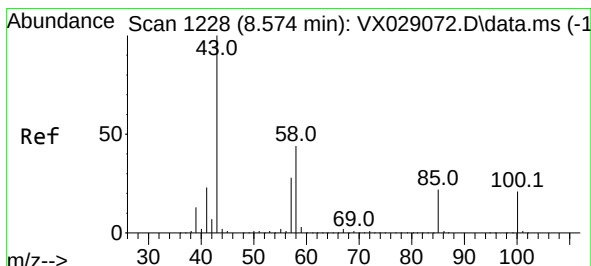
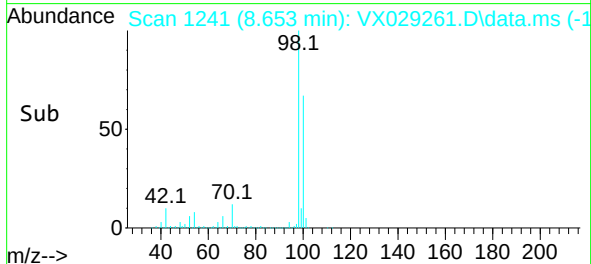
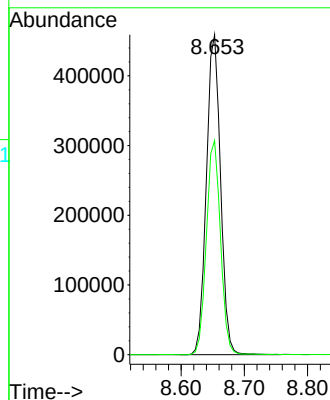
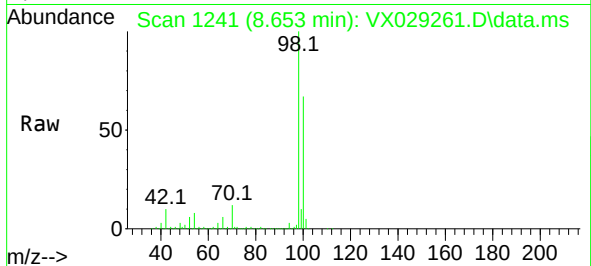




#50
Toluene-d8
Concen: 48.771 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029261.D
Acq: 07 Jun 2022 01:16

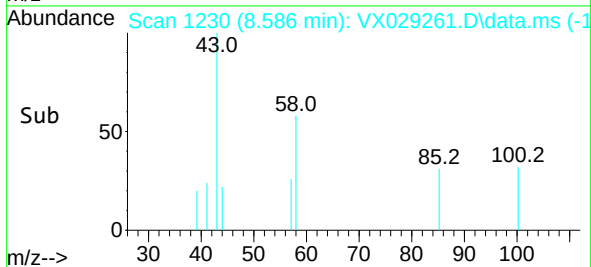
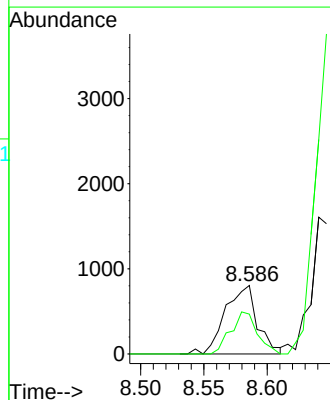
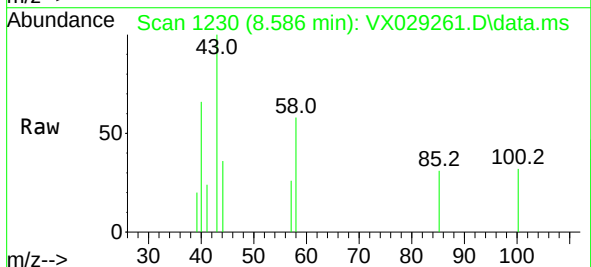
Instrument :
MSVOA_X
ClientSampleId :
RB07-20220601

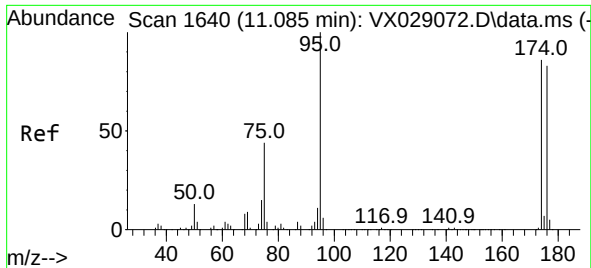
Tgt Ion: 98 Resp: 715902
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.273 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VX029261.D
Acq: 07 Jun 2022 01:16

Tgt Ion: 43 Resp: 1420
Ion Ratio Lower Upper
43 100
58 50.6 36.1 54.1

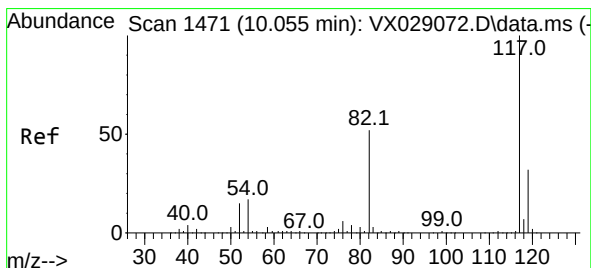
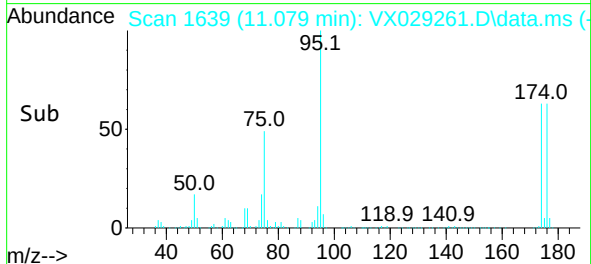
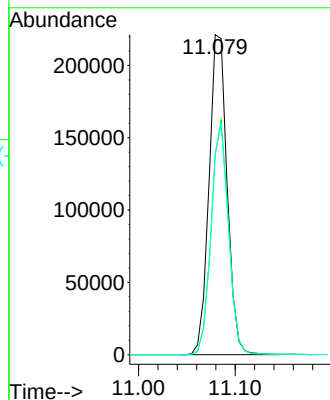
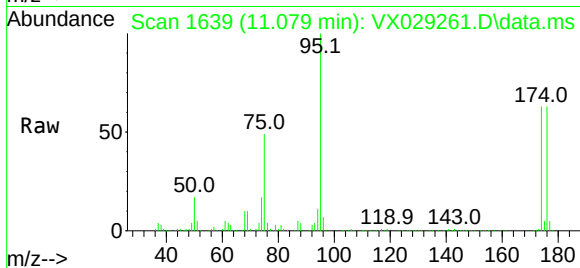




#62
4-Bromofluorobenzene
Concen: 50.740 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029261.D
Acq: 07 Jun 2022 01:16

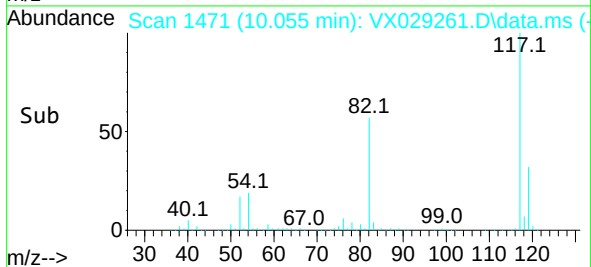
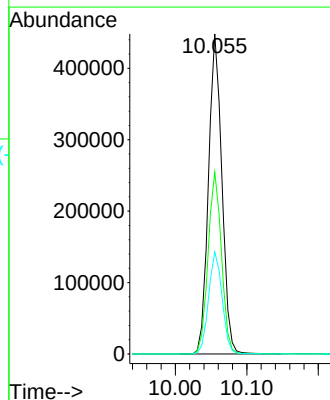
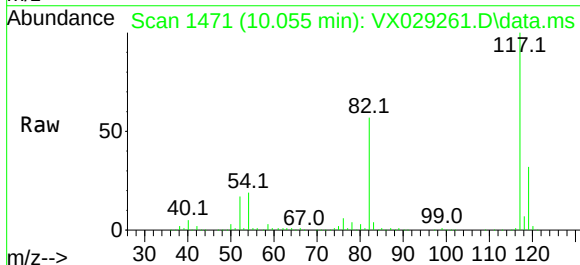
Instrument :
MSVOA_X
ClientSampleId :
RB07-20220601

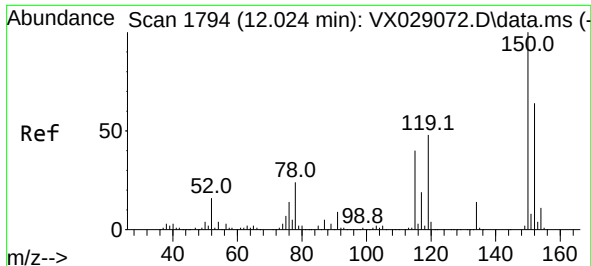
Tgt Ion: 95 Resp: 287907
Ion Ratio Lower Upper
95 100
174 70.4 0.0 163.0
176 69.2 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029261.D
Acq: 07 Jun 2022 01:16

Tgt Ion: 117 Resp: 584143
Ion Ratio Lower Upper
117 100
82 56.9 41.8 62.8
119 31.9 24.8 37.2

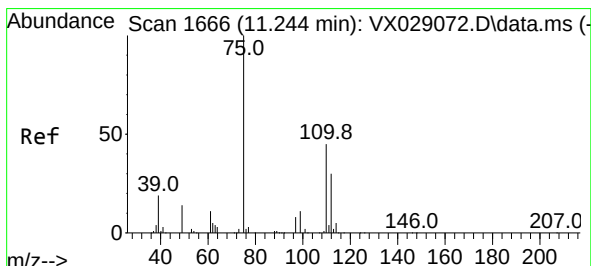
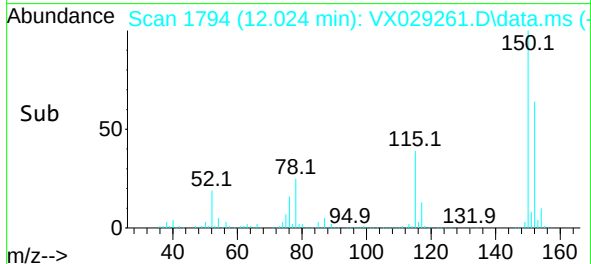
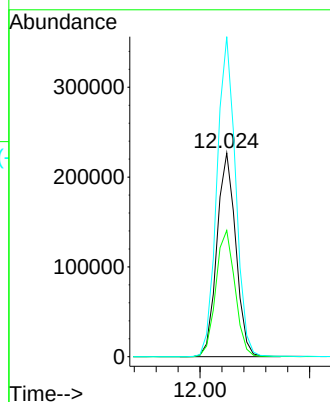
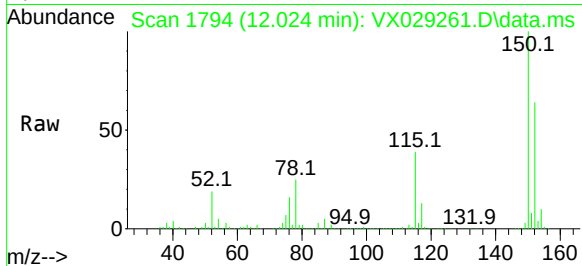




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029261.D
 Acq: 07 Jun 2022 01:16

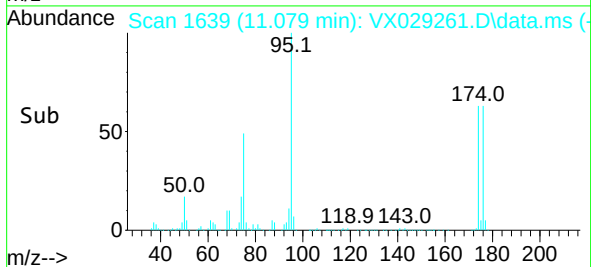
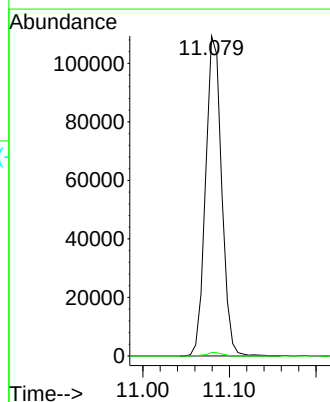
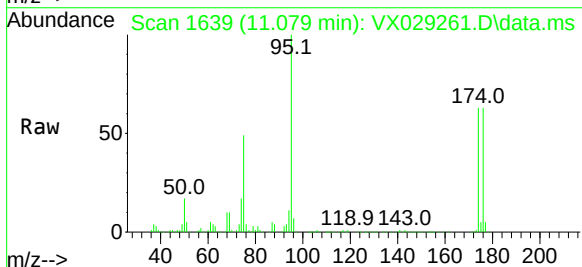
Instrument :
 MSVOA_X
 ClientSampleId :
 RB07-20220601

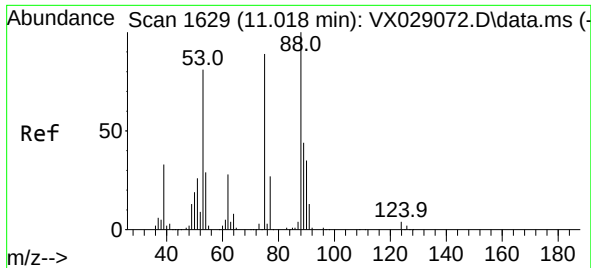
Tgt Ion:152 Resp: 270971
 Ion Ratio Lower Upper
 152 100
 115 63.1 37.5 112.7
 150 156.0 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 25.637 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX029261.D
 Acq: 07 Jun 2022 01:16

Tgt Ion: 75 Resp: 140823
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.213 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029261.D
 Acq: 07 Jun 2022 01:16

Instrument :
 MSVOA_X
 ClientSampleId :
 RB07-20220601

Tgt Ion: 75 Resp: 140823
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

