

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090221\
 Data File : VX024074.D
 Acq On : 02 Sep 2021 16:48
 Operator : JC/MD
 Sample : M3620-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-VPB-RW7-GW-630-632

Quant Time: Sep 03 05:39:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

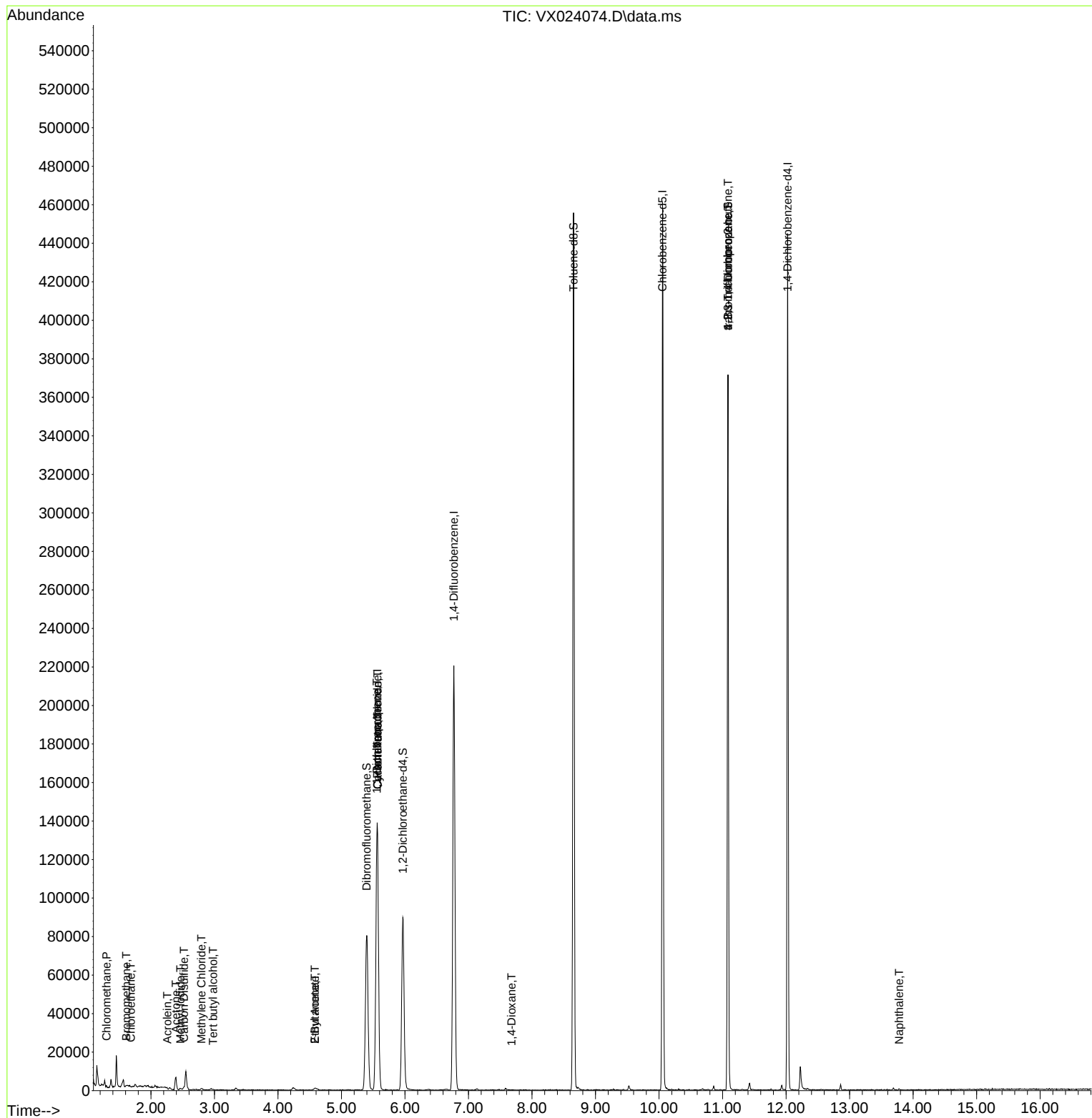
Internal Standards						
1) Pentafluorobenzene	5.562	168	129472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	215130	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201385	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	90082	49.851	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.700%
35) Dibromofluoromethane	5.397	113	68777	48.302	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.600%
50) Toluene-d8	8.653	98	255997	47.237	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.480%
62) 4-Bromofluorobenzene	11.085	95	90185	45.205	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.400%
Target Compounds						Qvalue
3) Chloromethane	1.300	50	534	0.356	ug/l	91
5) Bromomethane	1.611	94	265	0.288	ug/l #	72
6) Chloroethane	1.685	64	79	2.279	ug/l #	43
10) Methyl Iodide	2.465	142	887	0.490	ug/l #	76
11) Tert butyl alcohol	2.977	59	134	0.367	ug/l #	73
13) Acrolein	2.258	56	55	0.253	ug/l #	61
16) Acetone	2.392	43	7163	8.865	ug/l	90
17) Carbon Disulfide	2.520	76	1450	0.489	ug/l #	85
20) Methylene Chloride	2.794	84	337	0.218	ug/l #	82
25) 2-Butanone	4.580	43	1341	1.096	ug/l #	83
31) Cyclohexane	5.568	56	2814	1.212	ug/l #	42
36) 1,1-Dichloropropene	5.556	75	10240	5.140	ug/l #	45
37) Ethyl Acetate	4.580	43	1341	0.548	ug/l #	64
38) Carbon Tetrachloride	5.568	117	13144	6.327	ug/l #	18
49) 1,4-Dioxane	7.677	88	19	0.481	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	49399	24.351	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	49399	71.630	ug/l #	12
95) Naphthalene	13.780	128	462	1.353	ug/l #	87

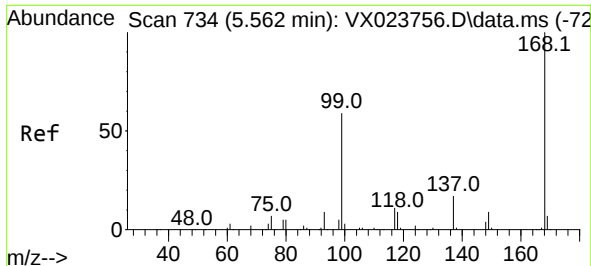
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-TT-VPB-RW7-GW-630-632

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Response via : Initial Calibration

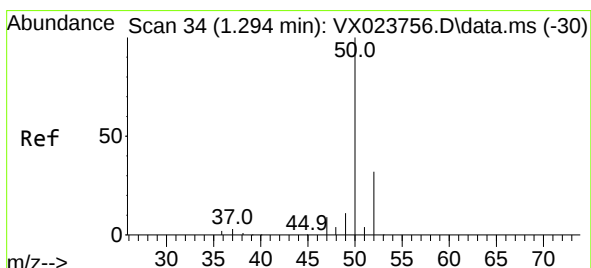
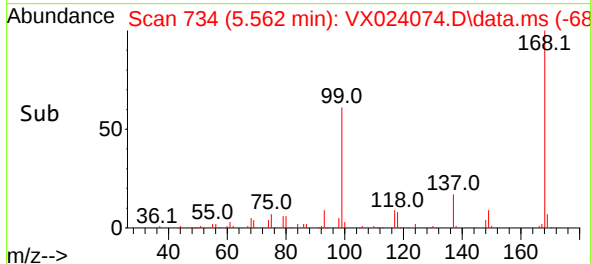
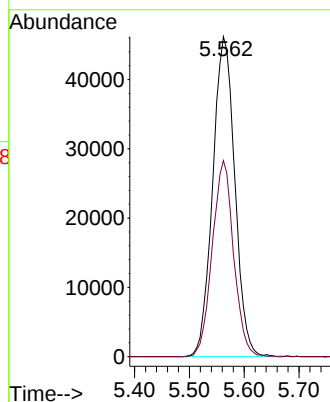
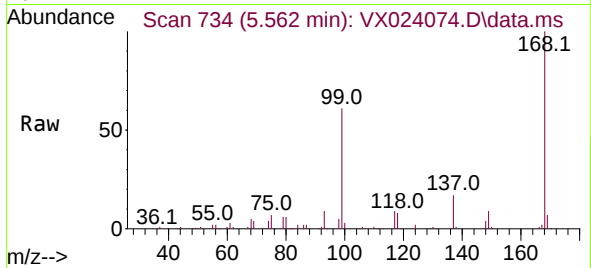




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024074.D
Acq: 02 Sep 2021 16:48

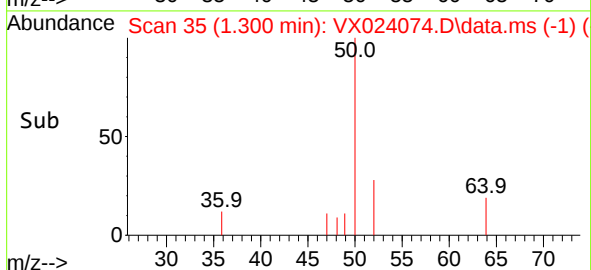
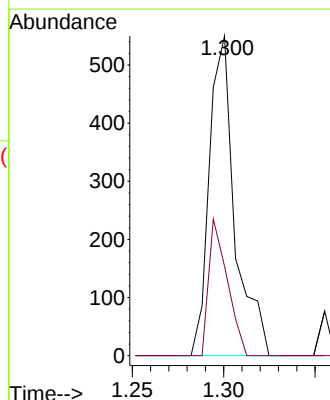
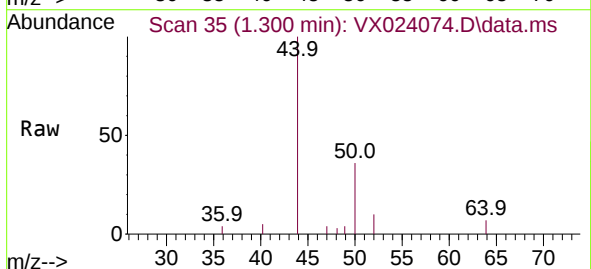
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-630-632

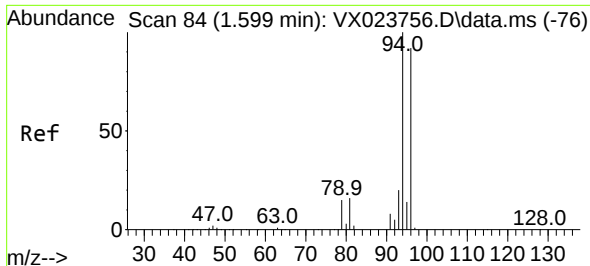
Tgt Ion:168 Resp: 129472
Ion Ratio Lower Upper
168 100
99 61.3 45.8 68.6



#3
Chloromethane
Concen: 0.356 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX024074.D
Acq: 02 Sep 2021 16:48

Tgt Ion: 50 Resp: 534
Ion Ratio Lower Upper
50 100
52 28.0 26.4 39.6

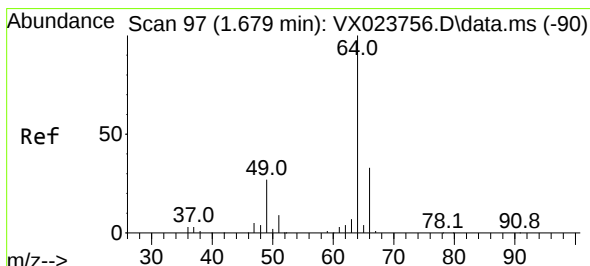
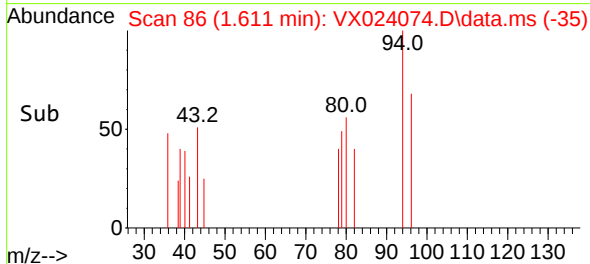
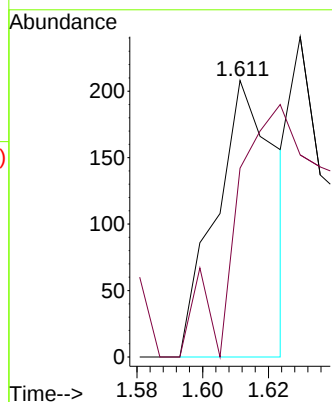
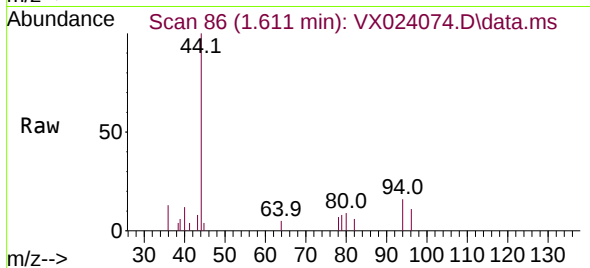




#5
Bromomethane
Concen: 0.288 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX024074.D
Acq: 02 Sep 2021 16:48

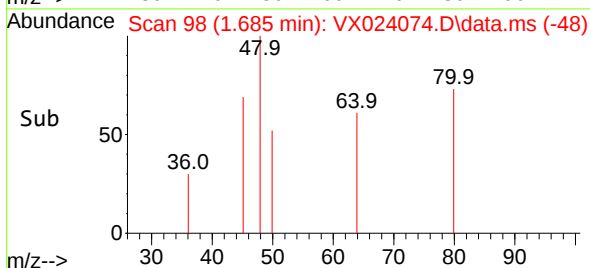
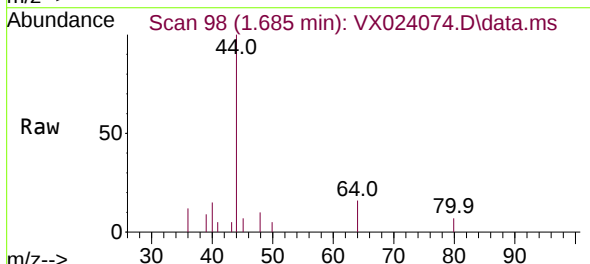
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-630-632

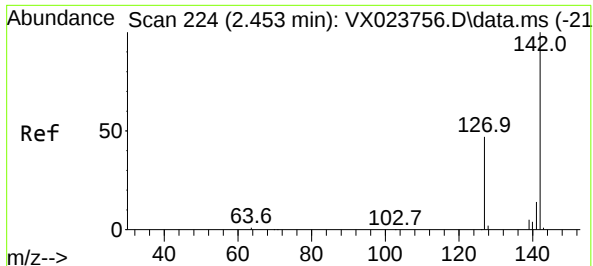
Tgt Ion: 94 Resp: 265
Ion Ratio Lower Upper
94 100
96 68.3 76.4 114.6#



#6
Chloroethane
Concen: 2.279 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX024074.D
Acq: 02 Sep 2021 16:48

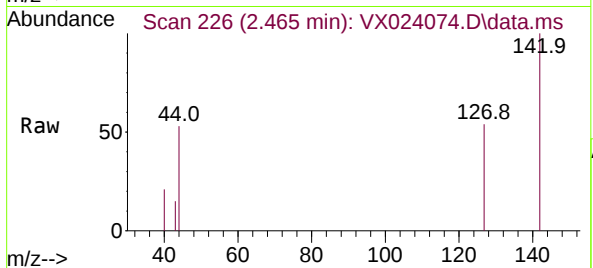
Tgt Ion: 64 Resp: 79
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



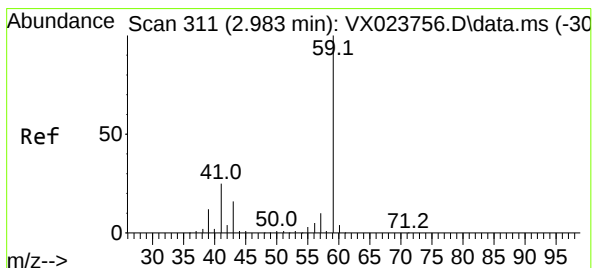
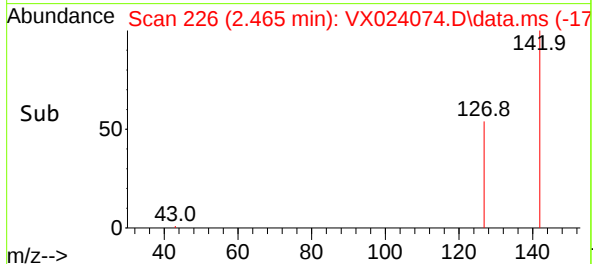
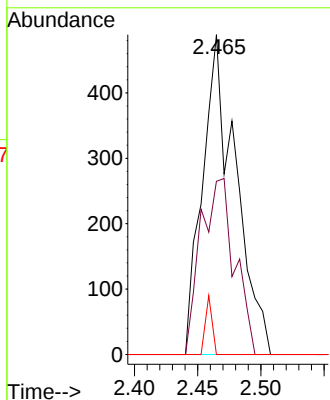


#10
Methyl Iodide
Concen: 0.490 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024074.D
Acq: 02 Sep 2021 16:48

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-630-632

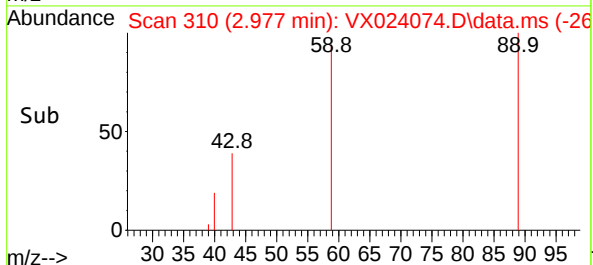
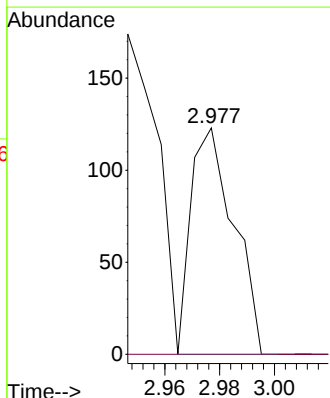
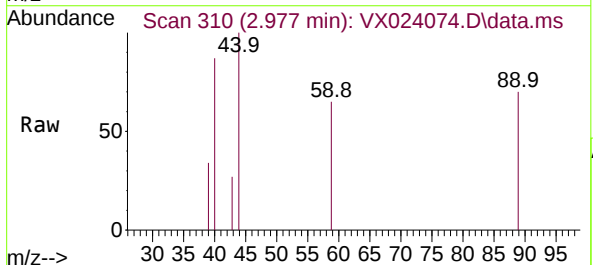


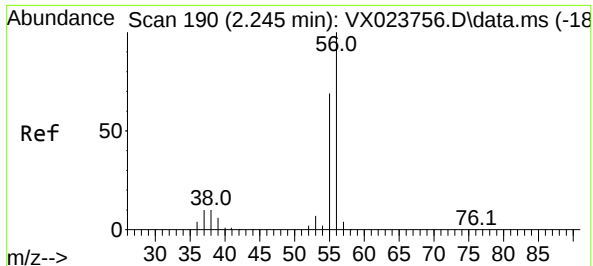
Tgt Ion:142 Resp: 887
Ion Ratio Lower Upper
142 100
127 56.6 33.3 49.9#
141 3.7 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.367 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX024074.D
Acq: 02 Sep 2021 16:48

Tgt Ion: 59 Resp: 134
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

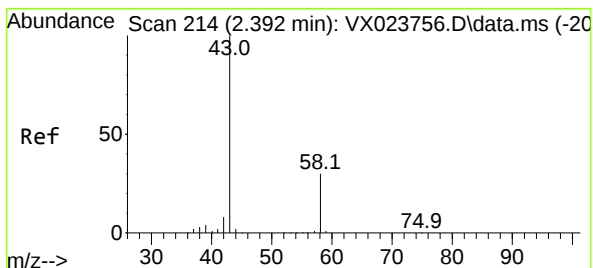
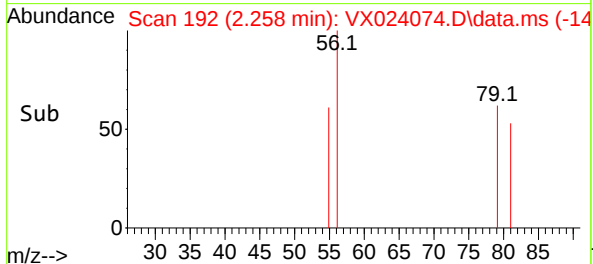
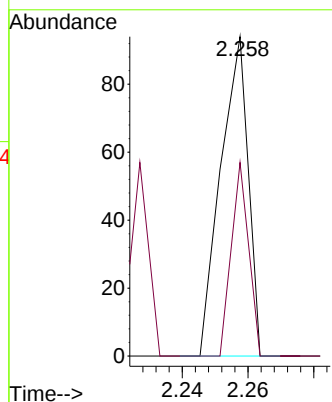
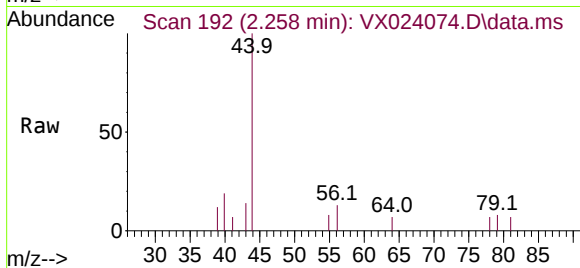




#13
Acrolein
Concen: 0.253 ug/l
RT: 2.258 min Scan# 192
Delta R.T. 0.013 min
Lab File: VX024074.D
Acq: 02 Sep 2021 16:48

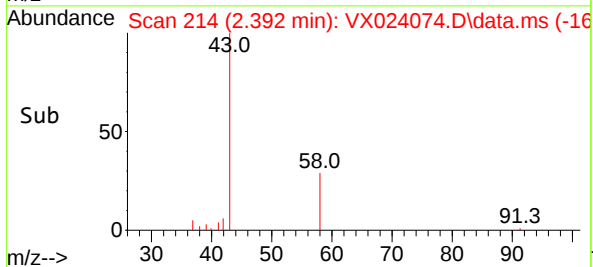
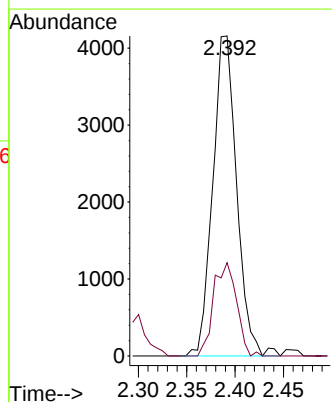
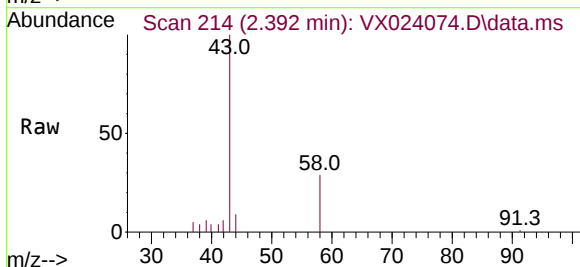
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-630-632

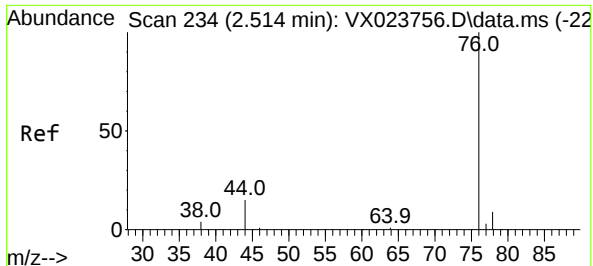
Tgt Ion: 56 Resp: 55
Ion Ratio Lower Upper
56 100
55 38.2 56.4 84.6#



#16
Acetone
Concen: 8.865 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024074.D
Acq: 02 Sep 2021 16:48

Tgt Ion: 43 Resp: 7163
Ion Ratio Lower Upper
43 100
58 29.1 27.8 41.8

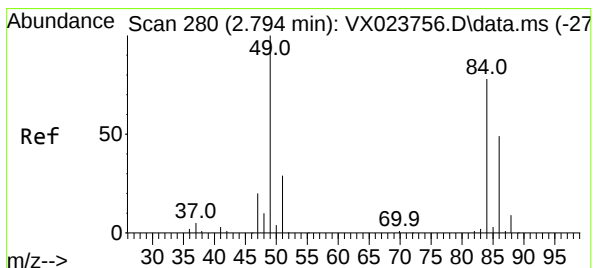
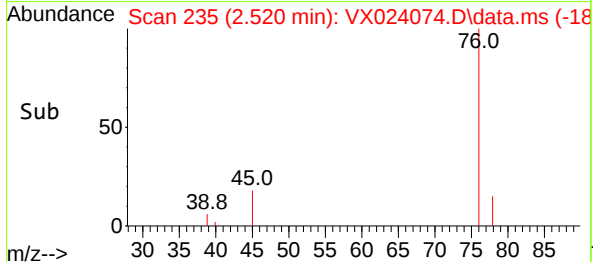
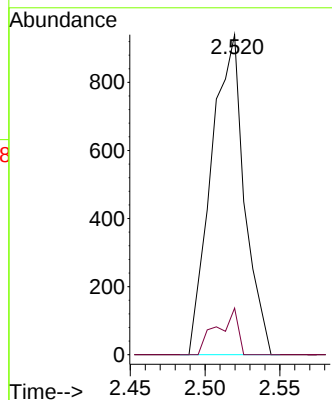
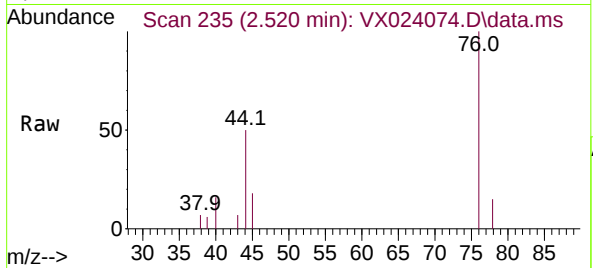




#17
Carbon Disulfide
Concen: 0.489 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX024074.D
Acq: 02 Sep 2021 16:48

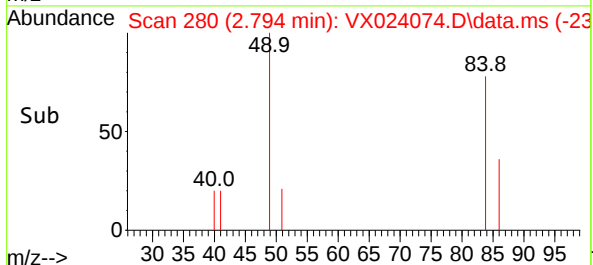
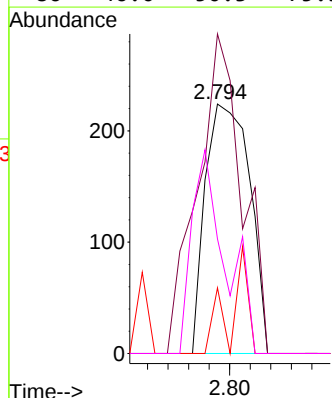
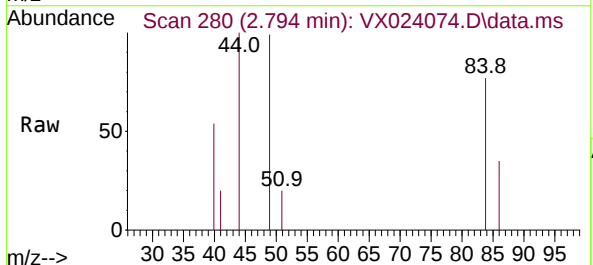
Instrument :
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ClientSampleId :
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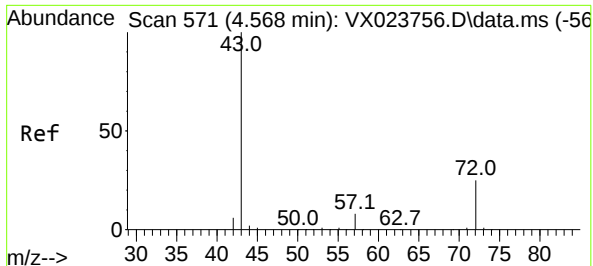
Tgt Ion: 76 Resp: 1450
Ion Ratio Lower Upper
76 100
78 14.6 7.2 10.8#



#20
Methylene Chloride
Concen: 0.218 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024074.D
Acq: 02 Sep 2021 16:48

Tgt Ion: 84 Resp: 337
Ion Ratio Lower Upper
84 100
49 128.1 88.6 132.8
51 26.3 27.0 40.6#
86 46.0 50.3 75.5#





#25

2-Butanone

Concen: 1.096 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.012 min

Lab File: VX024074.D

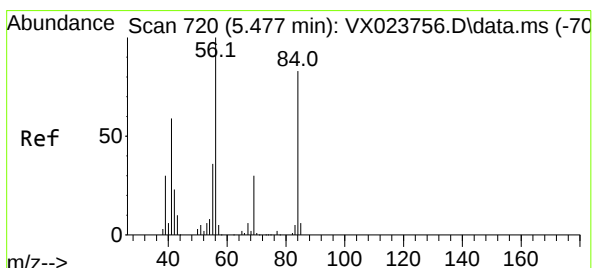
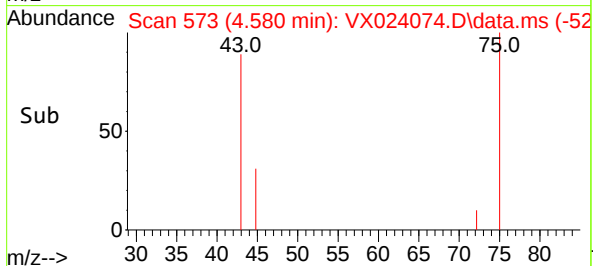
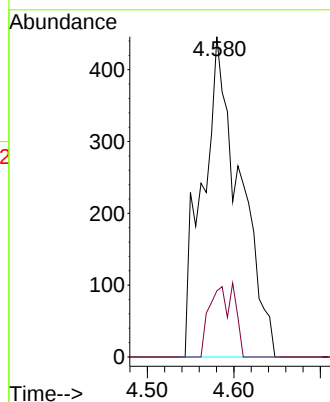
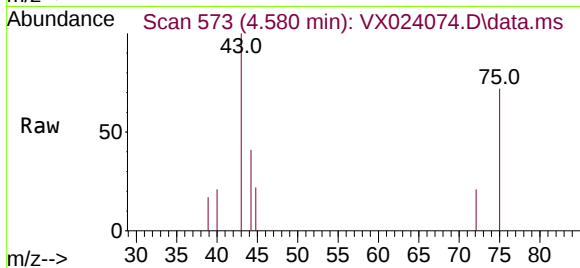
Acq: 02 Sep 2021 16:48

Tgt Ion: 43 Resp: 1341

Ion Ratio Lower Upper

43 100

72 20.6 23.7 35.5#



#31

Cyclohexane

Concen: 1.212 ug/l

RT: 5.568 min Scan# 735

Delta R.T. 0.091 min

Lab File: VX024074.D

Acq: 02 Sep 2021 16:48

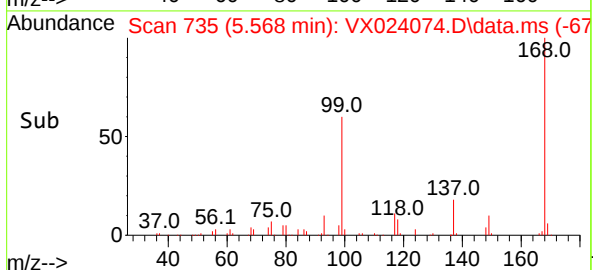
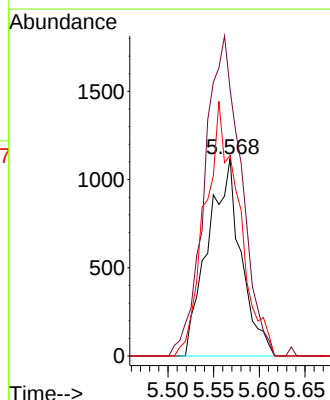
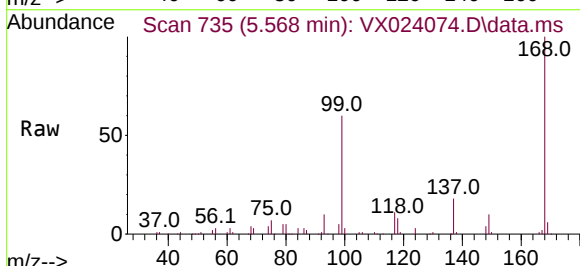
Tgt Ion: 56 Resp: 2814

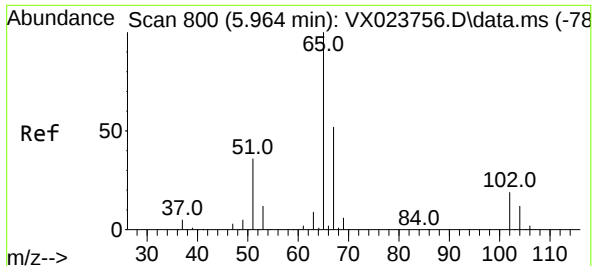
Ion Ratio Lower Upper

56 100

69 134.8 25.3 37.9#

84 101.5 71.4 107.0

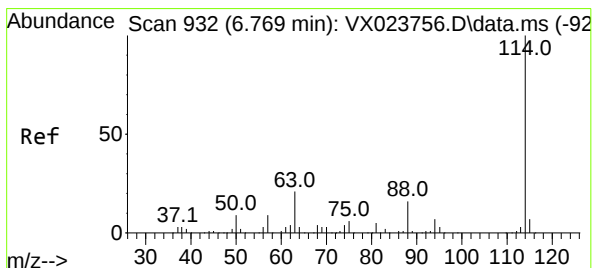
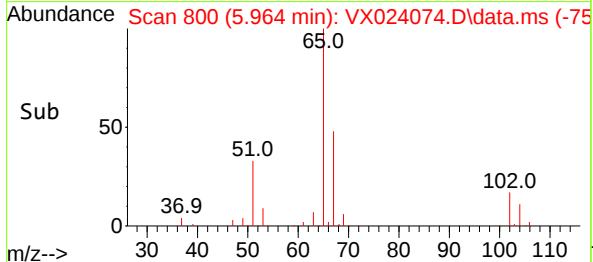
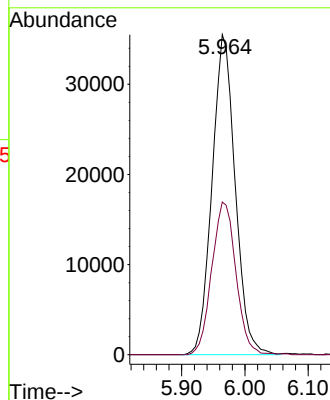
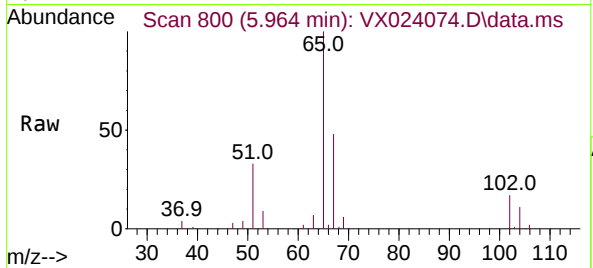




#33
 1,2-Dichloroethane-d4
 Concen: 49.851 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX024074.D
 Acq: 02 Sep 2021 16:48

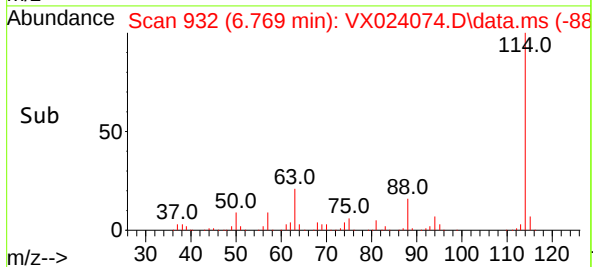
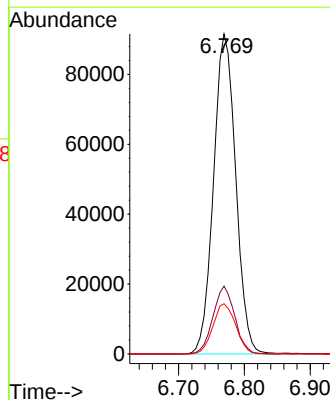
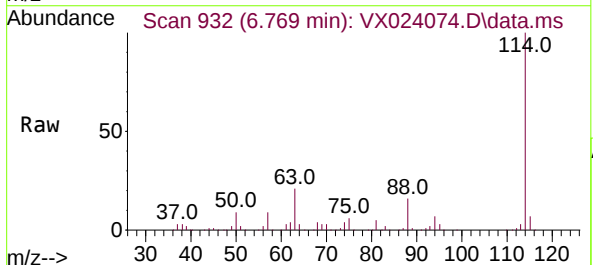
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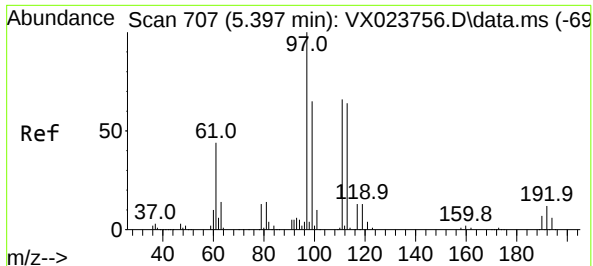
Tgt Ion: 65 Resp: 90082
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX024074.D
 Acq: 02 Sep 2021 16:48

Tgt Ion: 114 Resp: 215130
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 40.8
 88 15.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.302 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024074.D

Acq: 02 Sep 2021 16:48

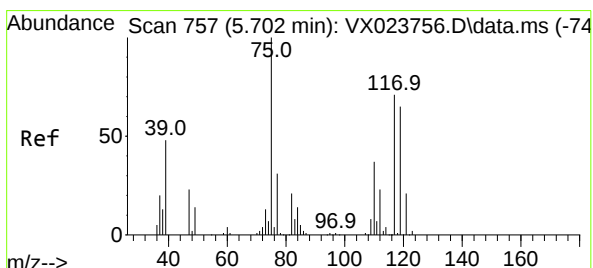
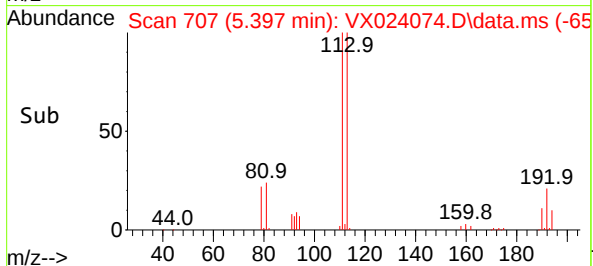
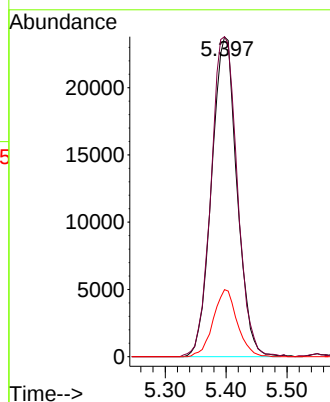
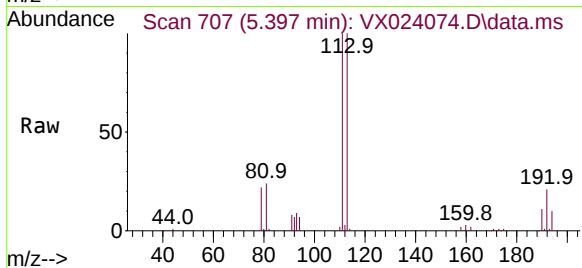
Tgt Ion:113 Resp: 68777

Ion Ratio Lower Upper

113 100

111 103.4 81.9 122.9

192 19.8 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.140 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX024074.D

Acq: 02 Sep 2021 16:48

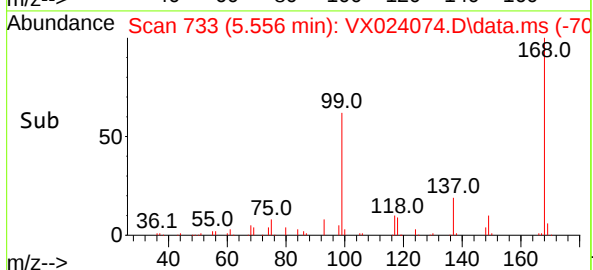
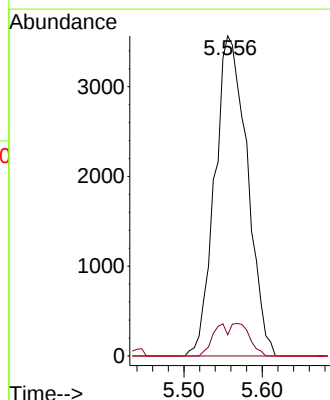
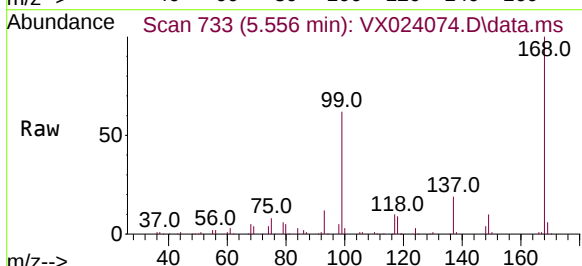
Tgt Ion: 75 Resp: 10240

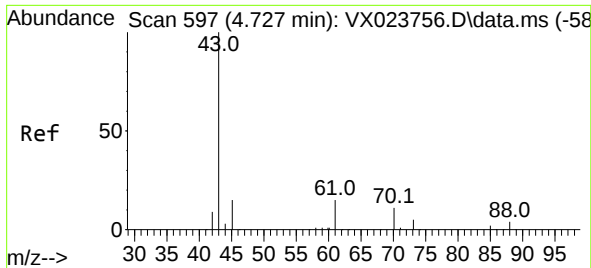
Ion Ratio Lower Upper

75 100

110 4.7 18.1 54.4#

77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 0.548 ug/l

RT: 4.580 min Scan# 573

Delta R.T. -0.147 min

Lab File: VX024074.D

Acq: 02 Sep 2021 16:48

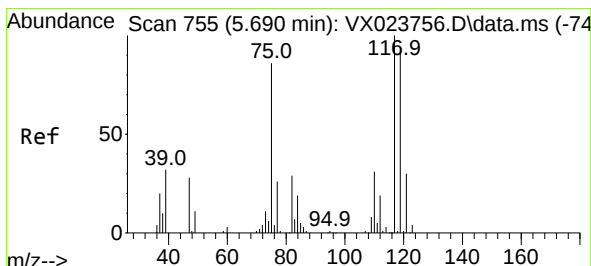
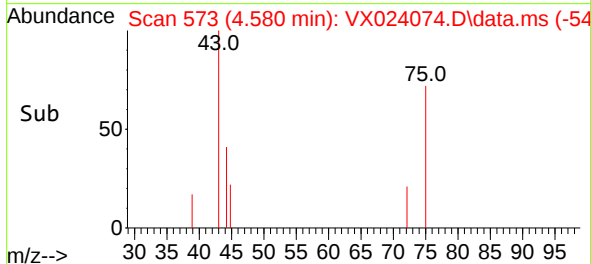
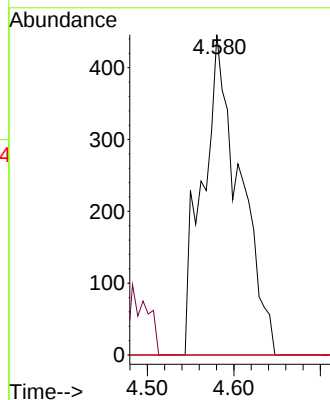
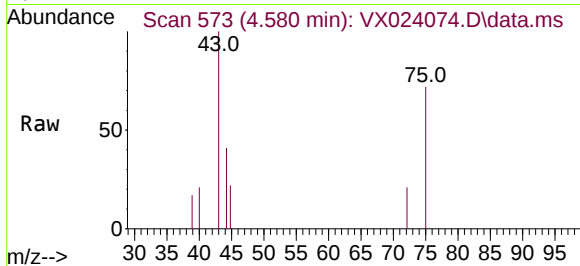
Instrument :

MSVOA_X

ClientSampleId :

BP-TT-VPB-RW7-GW-630-632

Tgt Ion: 43	Resp: 1341
Ion Ratio	Lower Upper
43 100	
61 0.0	12.8 19.2#
70 0.0	10.5 15.7#



#38

Carbon Tetrachloride

Concen: 6.327 ug/l

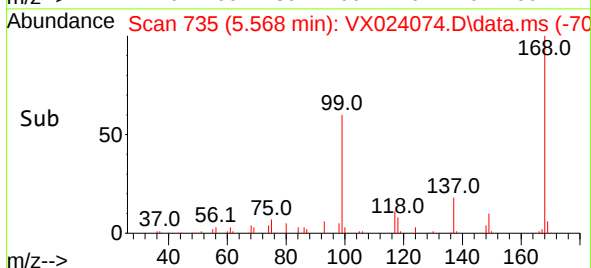
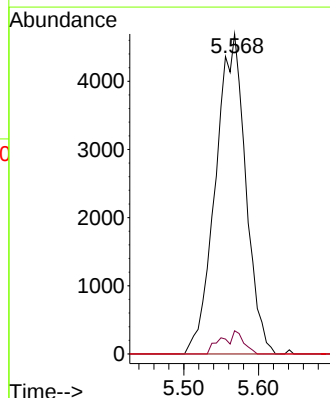
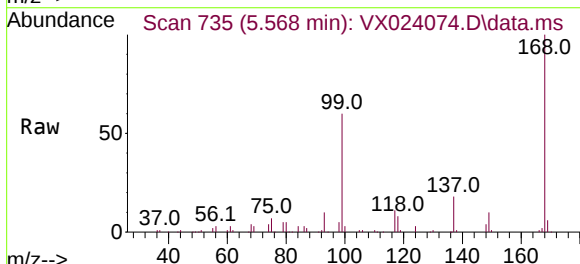
RT: 5.568 min Scan# 735

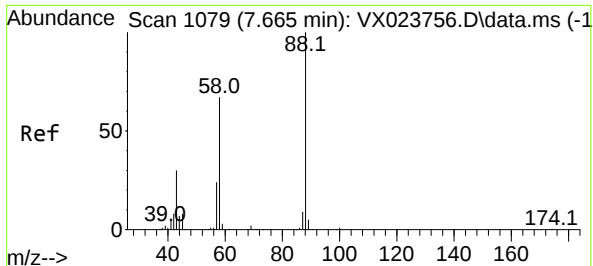
Delta R.T. -0.122 min

Lab File: VX024074.D

Acq: 02 Sep 2021 16:48

Tgt Ion: 117	Resp: 13144
Ion Ratio	Lower Upper
117 100	
119 7.3	76.2 114.2#
121 0.0	24.8 37.2#

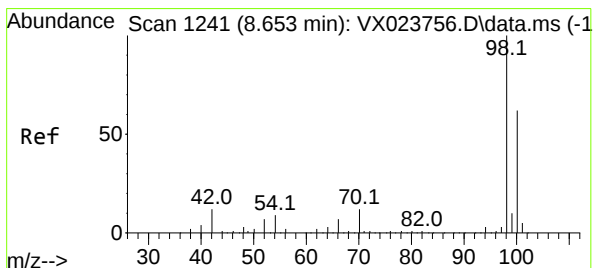
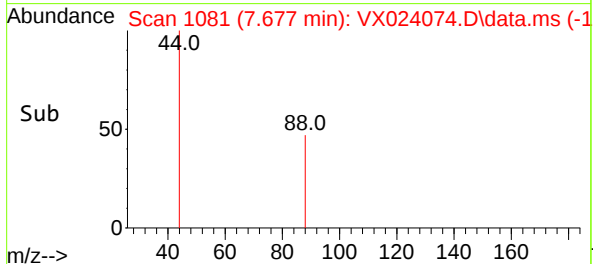
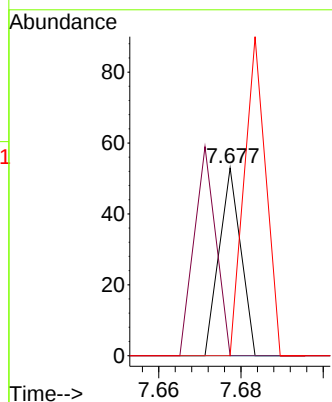
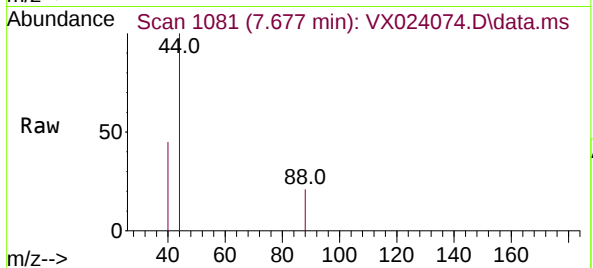




#49
1,4-Dioxane
Concen: 0.481 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.012 min
Lab File: VX024074.D
Acq: 02 Sep 2021 16:48

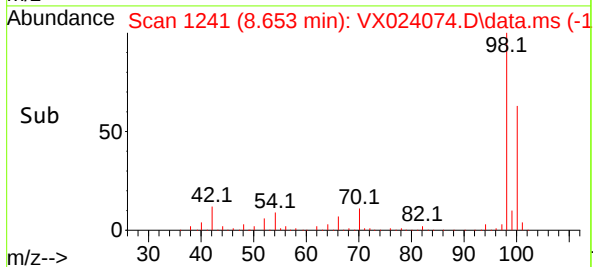
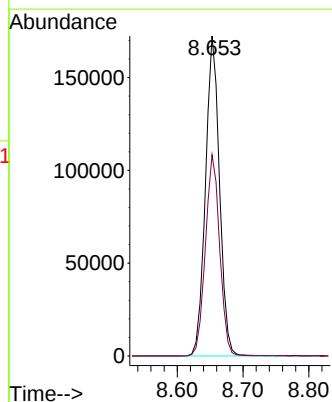
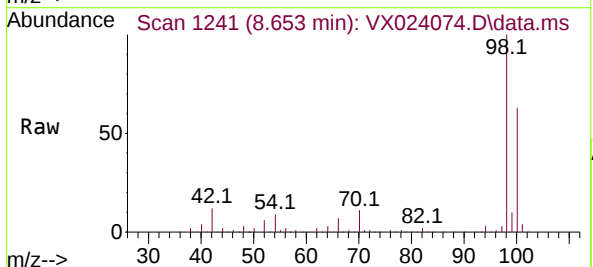
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-630-632

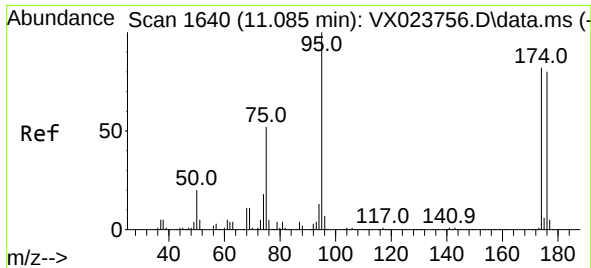
Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 115.8 23.2 34.8#
58 173.7 55.0 82.4#



#50
Toluene-d8
Concen: 47.237 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024074.D
Acq: 02 Sep 2021 16:48

Tgt Ion: 98 Resp: 255997
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9

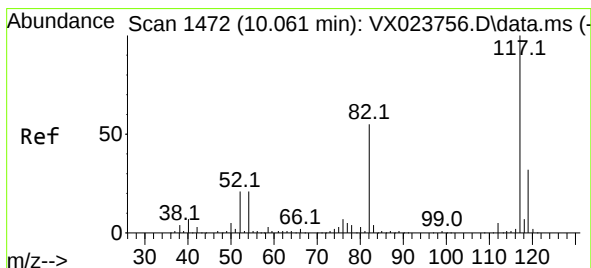
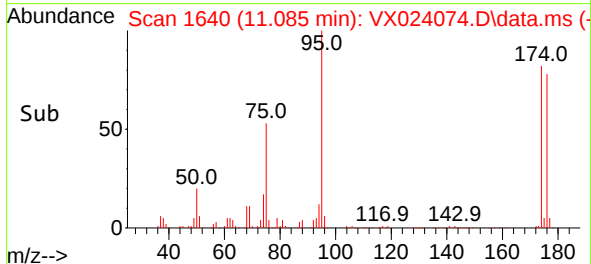
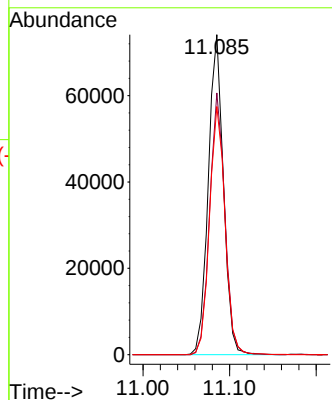
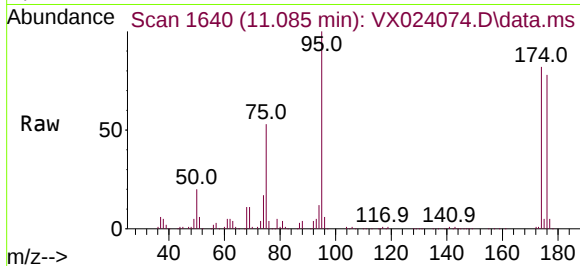




#62
4-Bromofluorobenzene
Concen: 45.205 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024074.D
Acq: 02 Sep 2021 16:48

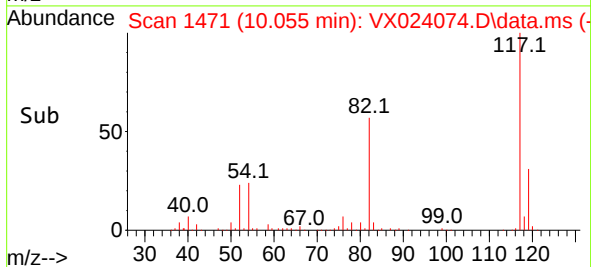
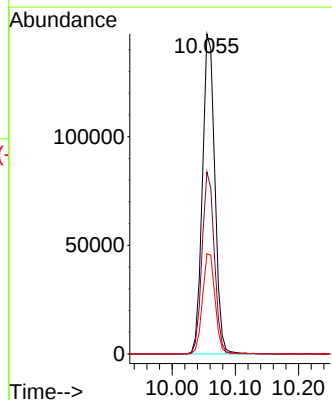
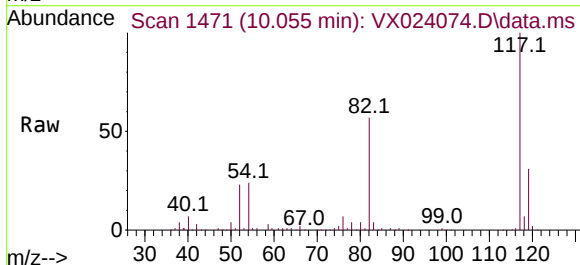
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-630-632

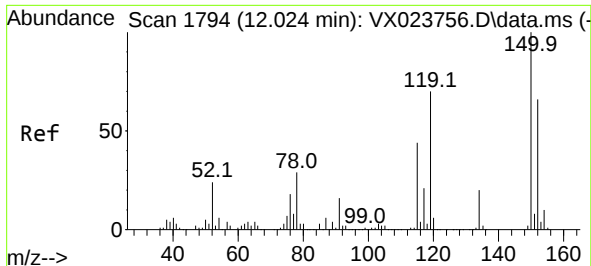
Tgt Ion:	95	Resp:	90185
Ion	Ratio	Lower	Upper
95	100		
174	82.0	0.0	154.6
176	79.3	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024074.D
Acq: 02 Sep 2021 16:48

Tgt Ion:	117	Resp:	201385
Ion	Ratio	Lower	Upper
117	100		
82	56.9	47.4	71.2
119	31.3	26.6	39.8

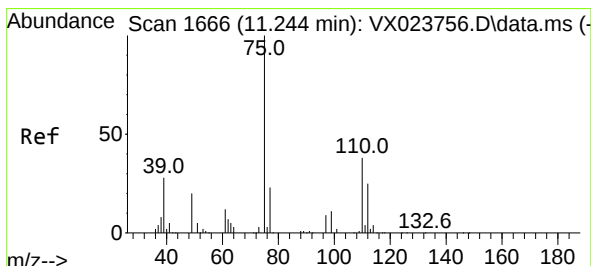
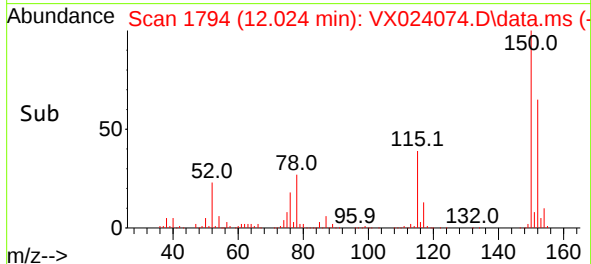
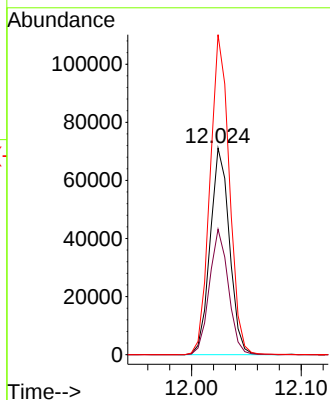
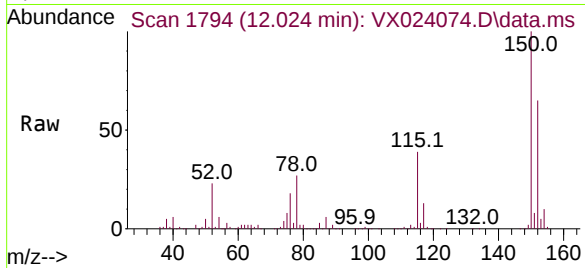




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024074.D
 Acq: 02 Sep 2021 16:48

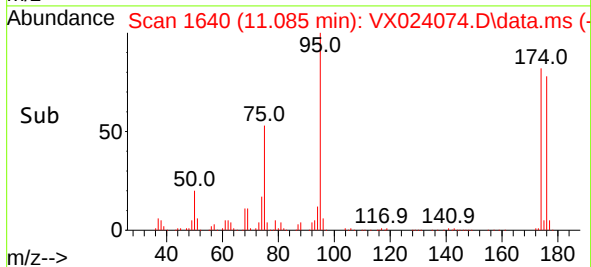
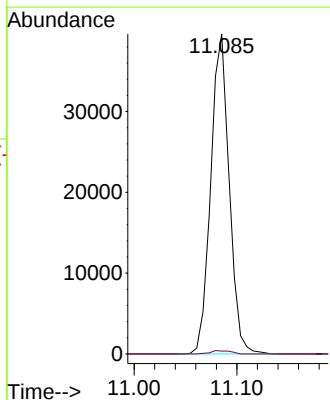
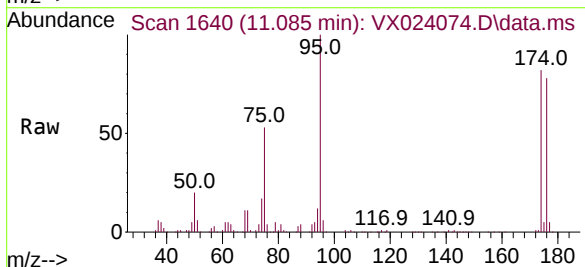
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-VPB-RW7-GW-630-632

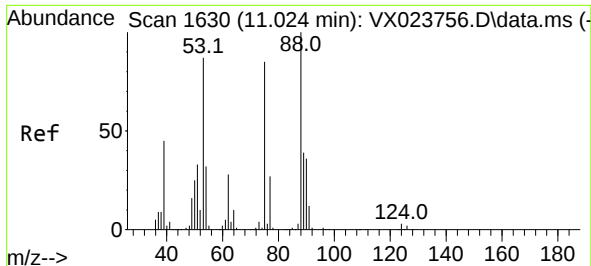
Tgt Ion:152 Resp: 86962
 Ion Ratio Lower Upper
 152 100
 115 59.7 41.1 123.3
 150 155.0 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 24.351 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024074.D
 Acq: 02 Sep 2021 16:48

Tgt Ion: 75 Resp: 49399
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

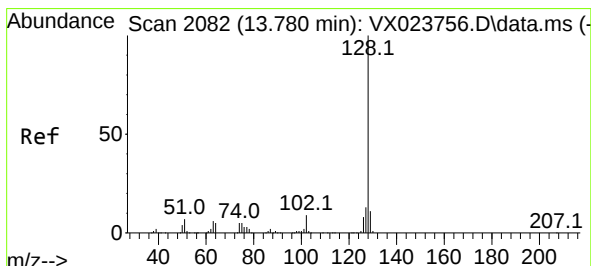
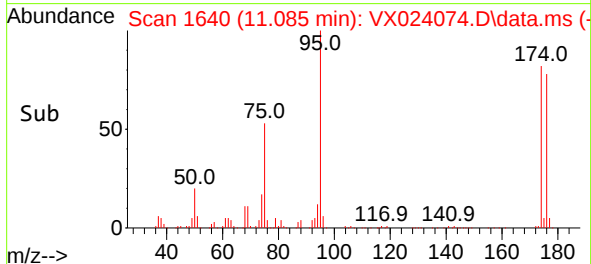
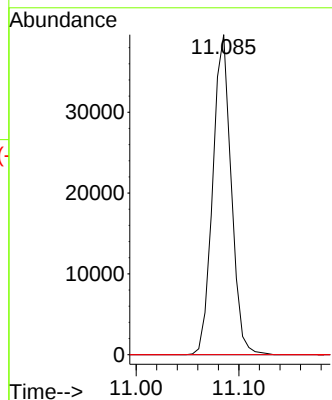
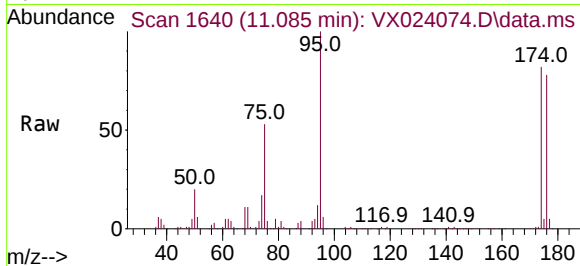




#81
trans-1,4-Dichloro-2-butene
Concen: 71.630 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024074.D
Acq: 02 Sep 2021 16:48

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-630-632

Tgt Ion: 75 Resp: 49399
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.353 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024074.D
Acq: 02 Sep 2021 16:48

Tgt Ion: 128 Resp: 462
Ion Ratio Lower Upper
128 100
127 9.7 10.3 15.5#
129 4.1 8.8 13.2#

