

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012522\
 Data File : VX026567.D
 Acq On : 25 Jan 2022 14:26
 Operator : JC/MD
 Sample : N1252-02DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 26 06:12:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

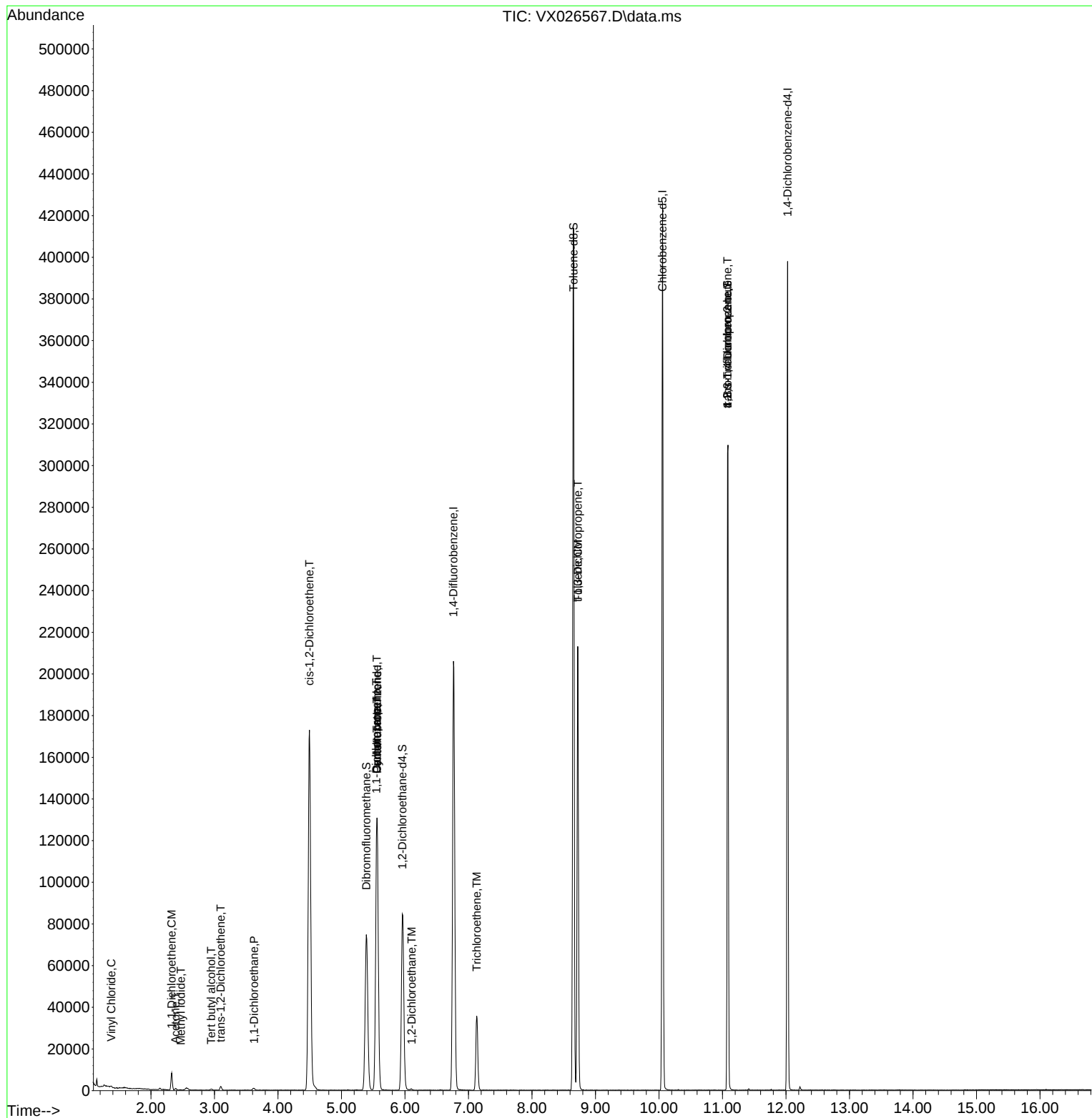
Internal Standards						
1) Pentafluorobenzene	5.562	168	123535	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	210063	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83452	48.359	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.720%
35) Dibromofluoromethane	5.391	113	66483	49.010	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.020%
50) Toluene-d8	8.653	98	242395	49.587	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.180%
62) 4-Bromofluorobenzene	11.079	95	86848	50.013	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.020%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	481	0.343	ug/l	90
10) Methyl Iodide	2.471	142	146	4.537	ug/l #	37
11) Tert butyl alcohol	2.947	59	278	1.158	ug/l #	75
12) 1,1-Dichloroethene	2.325	96	2545	1.973	ug/l	92
16) Acetone	2.386	43	931	1.058	ug/l	98
21) trans-1,2-Dichloroethene	3.099	96	759	0.543	ug/l	96
24) 1,1-Dichloroethane	3.623	63	1363	0.524	ug/l #	81
27) cis-1,2-Dichloroethene	4.495	96	109782	68.871	ug/l	89
31) Cyclohexane	5.556	56	2537	0.997	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9863	4.606	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13053	5.926	ug/l #	17
42) 1,2-Dichloroethane	6.105	62	795	0.343	ug/l #	75
44) Trichloroethene	7.129	130	13643	8.123	ug/l	99
52) Toluene	8.720	92	79154	21.807	ug/l	99
53) t-1,3-Dichloropropene	8.720	75	953	2.286	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	43671	25.681	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	43671	77.924	ug/l #	3

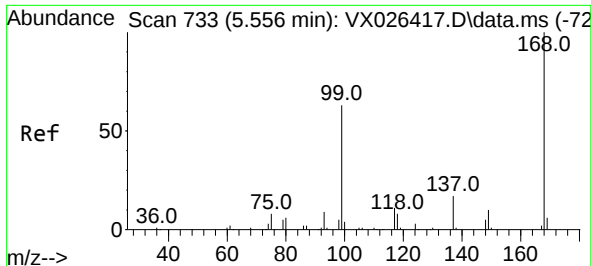
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
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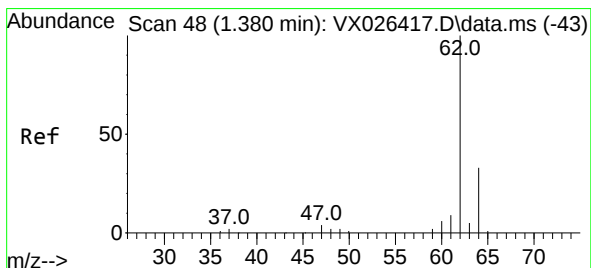
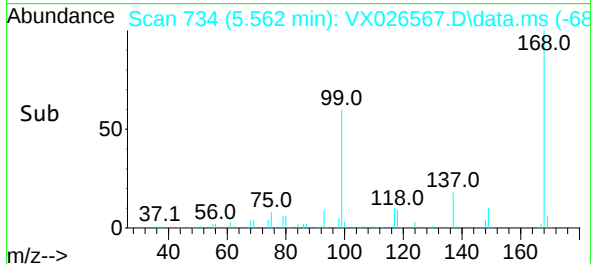
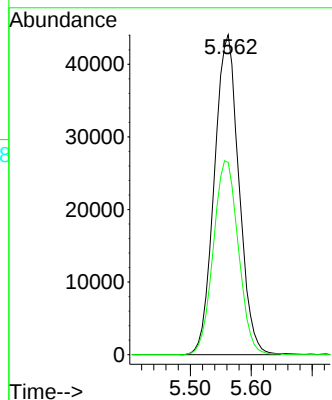
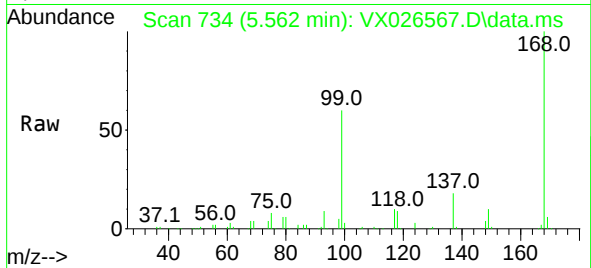




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026567.D
Acq: 25 Jan 2022 14:26

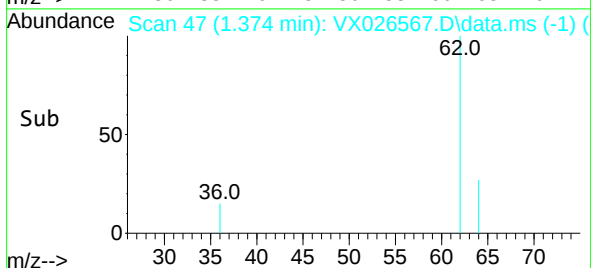
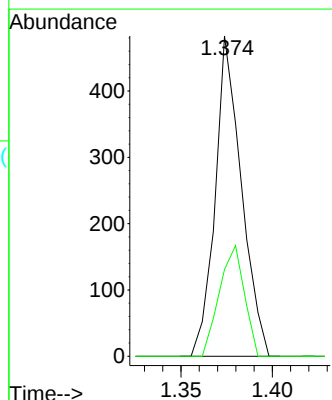
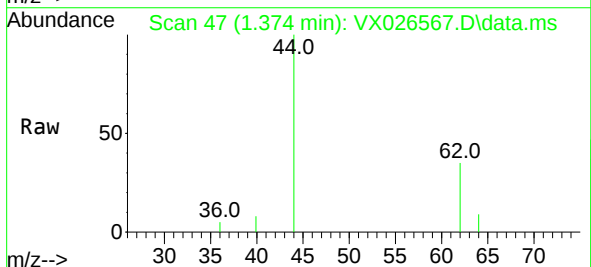
Instrument :
MSVOA_X
ClientSampleId :

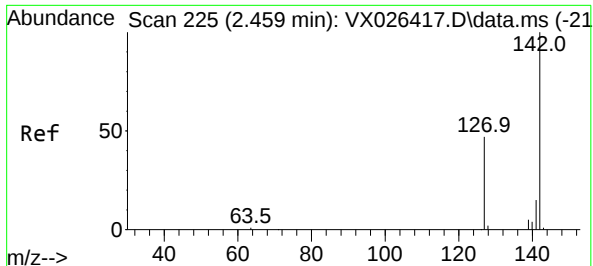
Tgt Ion:168 Resp: 123535
Ion Ratio Lower Upper
168 100
99 60.1 50.3 75.5



#4
Vinyl Chloride
Concen: 0.343 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.006 min
Lab File: VX026567.D
Acq: 25 Jan 2022 14:26

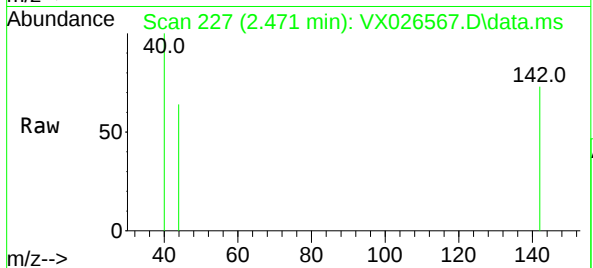
Tgt Ion: 62 Resp: 481
Ion Ratio Lower Upper
62 100
64 27.1 26.2 39.2



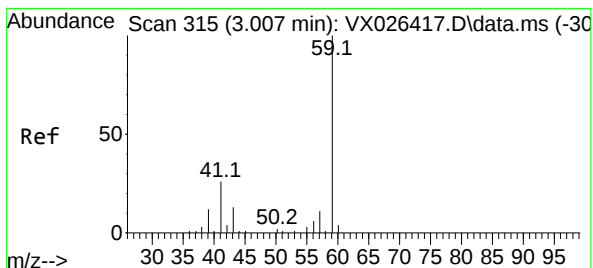
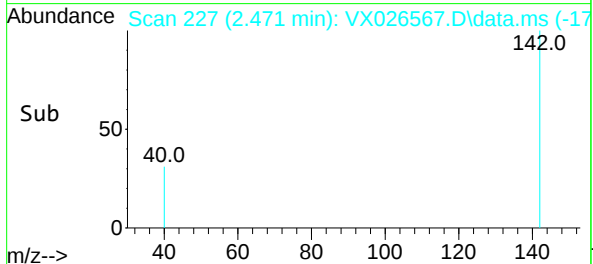
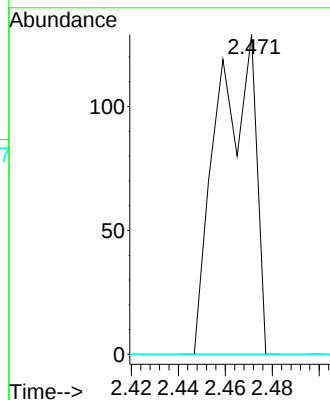


#10
Methyl Iodide
Concen: 4.537 ug/l
RT: 2.471 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX026567.D
Acq: 25 Jan 2022 14:26

Instrument :
MSVOA_X
ClientSampleId :

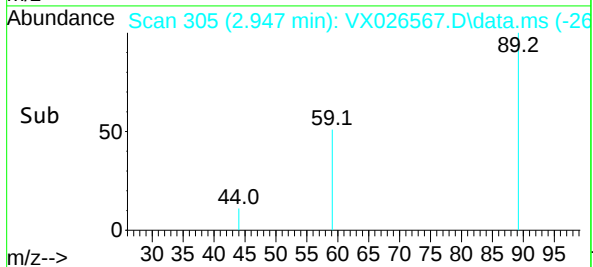
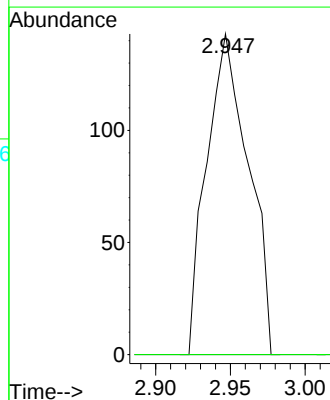
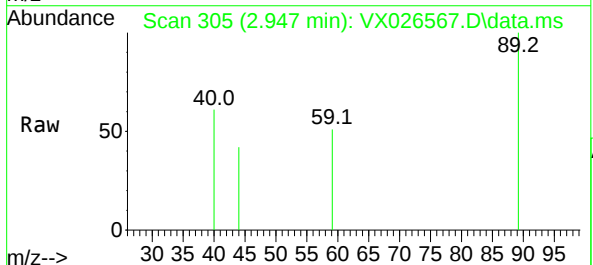


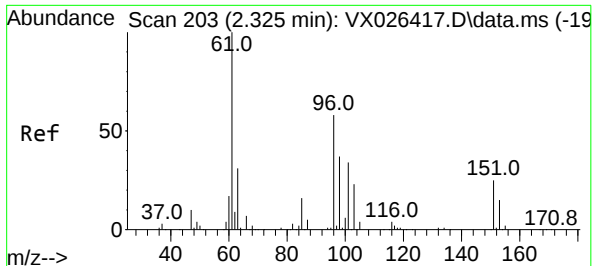
Tgt Ion:142 Resp: 146
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 1.158 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.060 min
Lab File: VX026567.D
Acq: 25 Jan 2022 14:26

Tgt Ion: 59 Resp: 278
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#





#12

1,1-Dichloroethene

Concen: 1.973 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.000 min

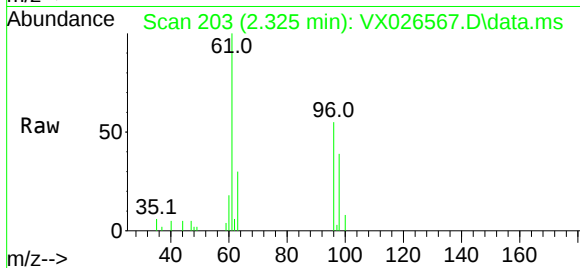
Lab File: VX026567.D

Acq: 25 Jan 2022 14:26

Instrument :

MSVOA_X

ClientSampleId :



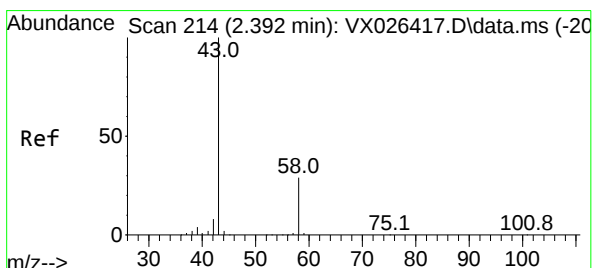
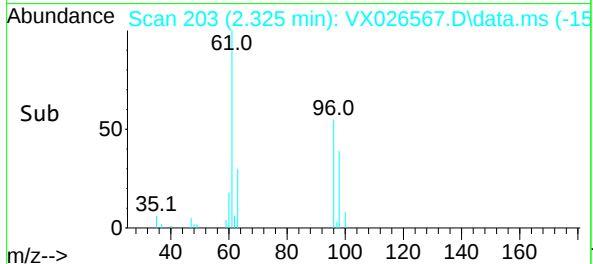
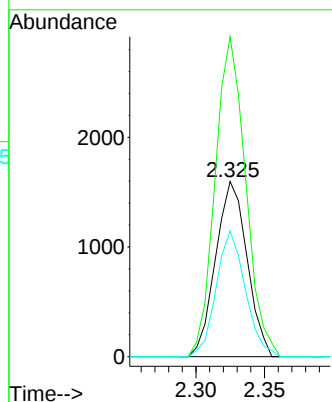
Tgt Ion: 96 Resp: 2545

Ion Ratio Lower Upper

96 100

61 182.7 138.5 207.7

98 71.8 51.8 77.6



#16

Acetone

Concen: 1.058 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX026567.D

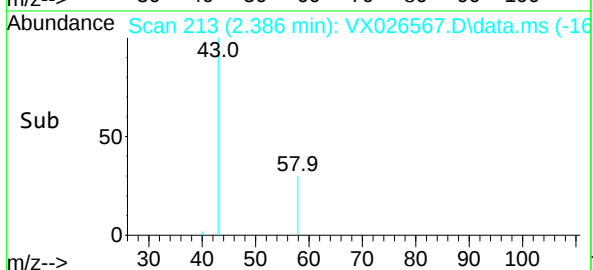
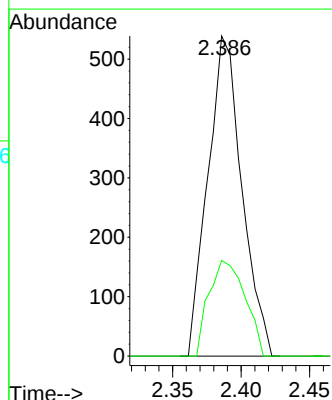
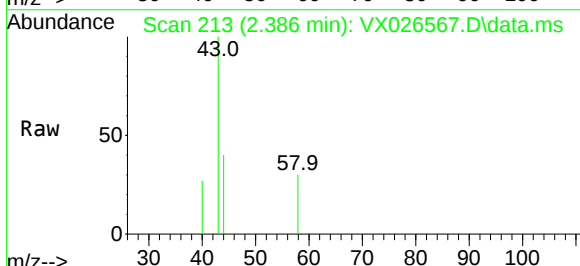
Acq: 25 Jan 2022 14:26

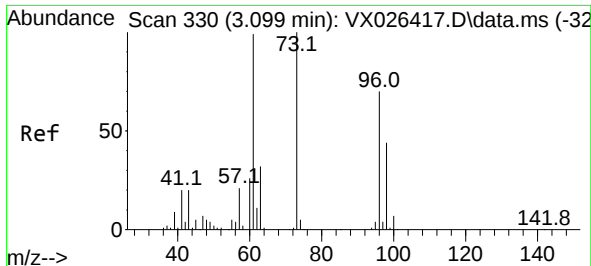
Tgt Ion: 43 Resp: 931

Ion Ratio Lower Upper

43 100

58 29.9 23.0 34.6

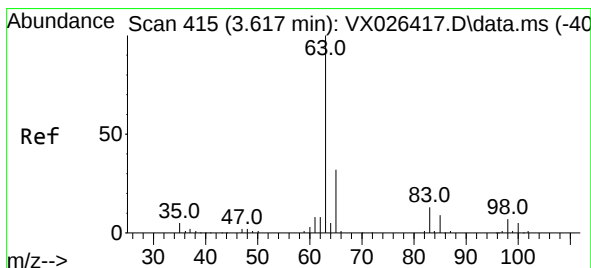
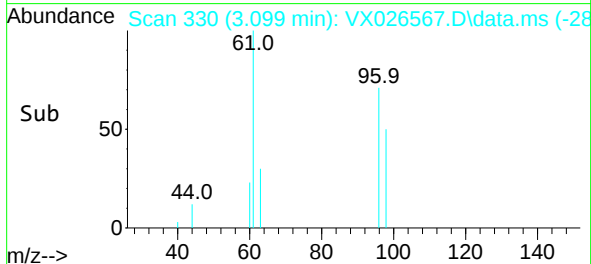
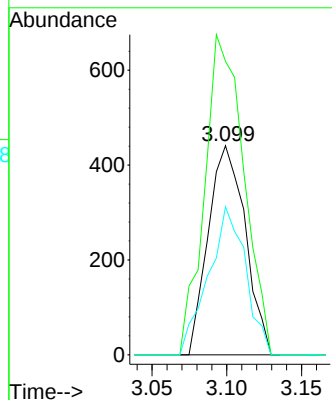
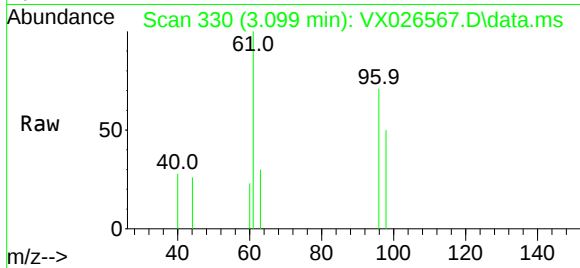




#21
trans-1,2-Dichloroethene
Concen: 0.543 ug/l
RT: 3.099 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX026567.D
Acq: 25 Jan 2022 14:26

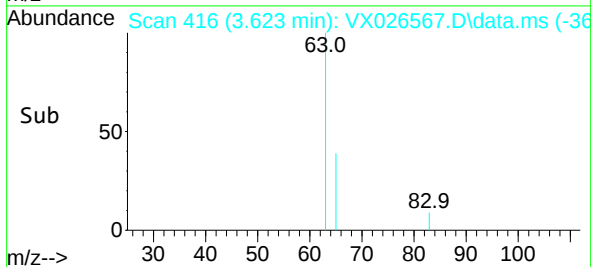
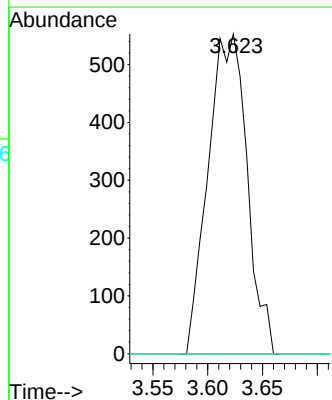
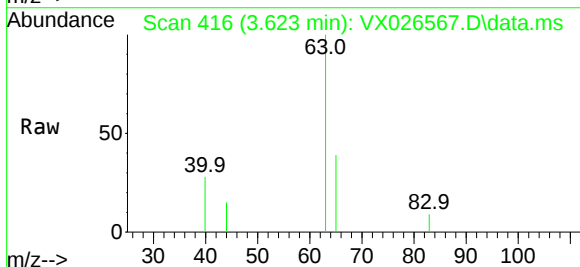
Instrument :
MSVOA_X
ClientSampleId :

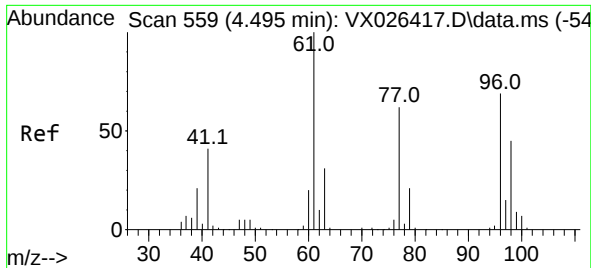
Tgt Ion: 96 Resp: 759
Ion Ratio Lower Upper
96 100
61 140.4 112.9 169.3
98 70.7 49.5 74.3



#24
1,1-Dichloroethane
Concen: 0.524 ug/l
RT: 3.623 min Scan# 416
Delta R.T. 0.006 min
Lab File: VX026567.D
Acq: 25 Jan 2022 14:26

Tgt Ion: 63 Resp: 1363
Ion Ratio Lower Upper
63 100
98 0.0 3.7 11.1#
100 0.0 2.4 7.2#

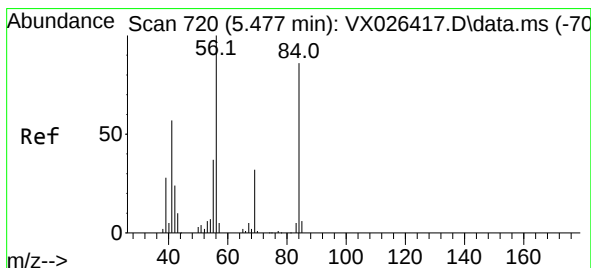
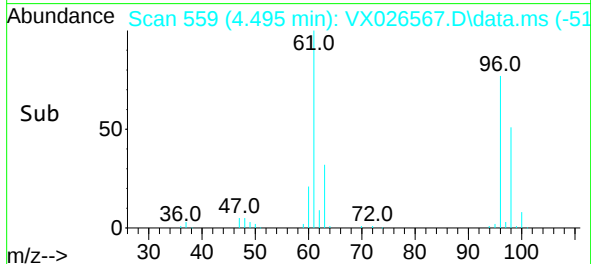
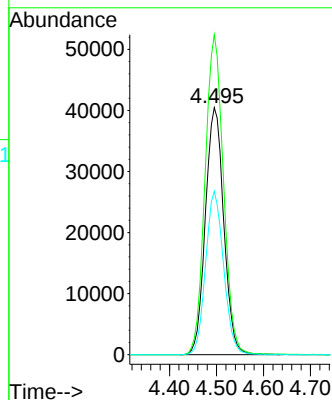
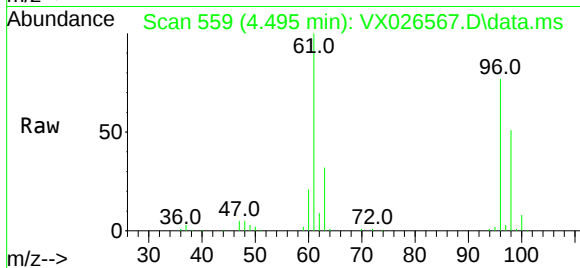




#27
 cis-1,2-Dichloroethene
 Concen: 68.871 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX026567.D
 Acq: 25 Jan 2022 14:26

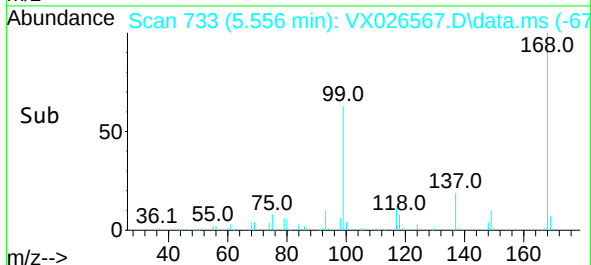
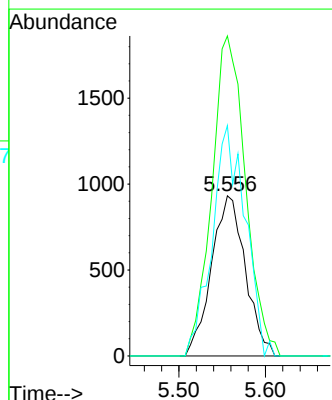
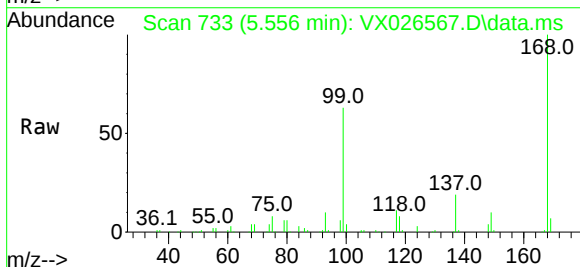
Instrument :
 MSVOA_X
 ClientSampleId :

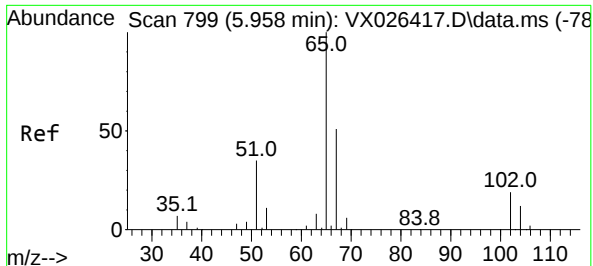
Tgt Ion: 96 Resp: 109782
 Ion Ratio Lower Upper
 96 100
 61 129.7 0.0 296.6
 98 65.0 0.0 128.8



#31
 Cyclohexane
 Concen: 0.997 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. 0.079 min
 Lab File: VX026567.D
 Acq: 25 Jan 2022 14:26

Tgt Ion: 56 Resp: 2537
 Ion Ratio Lower Upper
 56 100
 69 199.8 25.8 38.6#
 84 143.9 68.9 103.3#

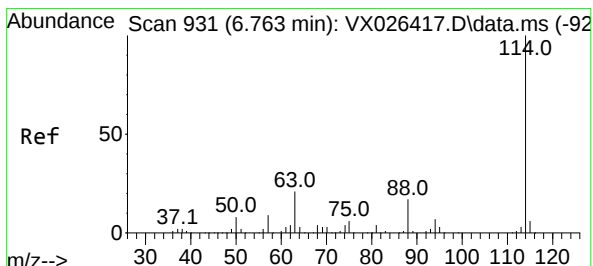
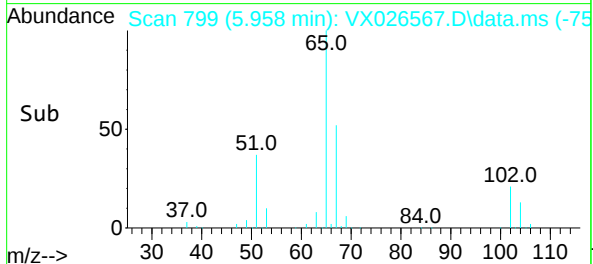
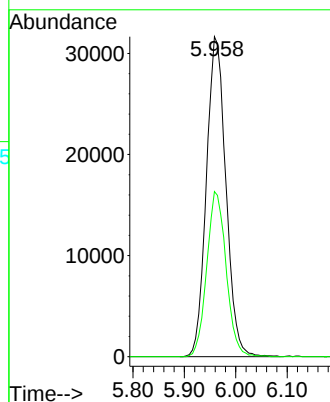
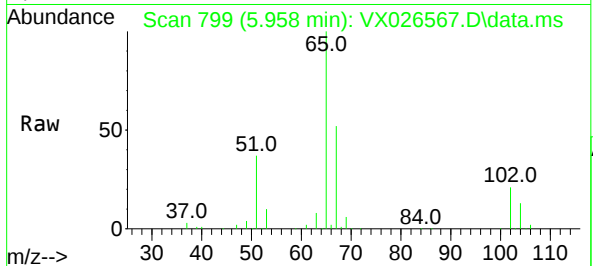




#33
 1,2-Dichloroethane-d4
 Concen: 48.359 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX026567.D
 Acq: 25 Jan 2022 14:26

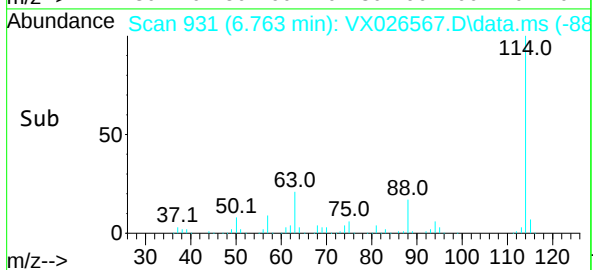
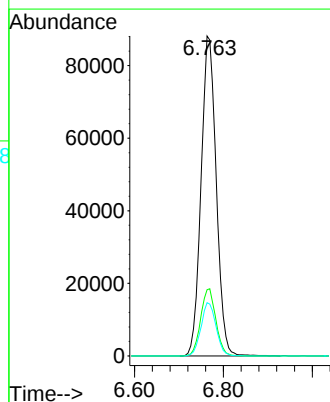
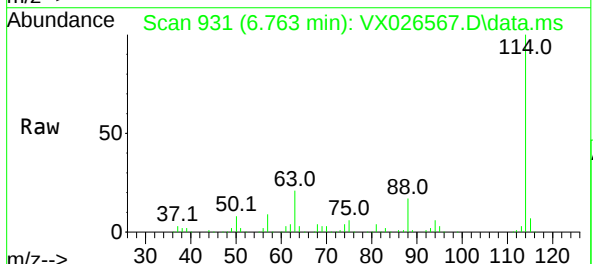
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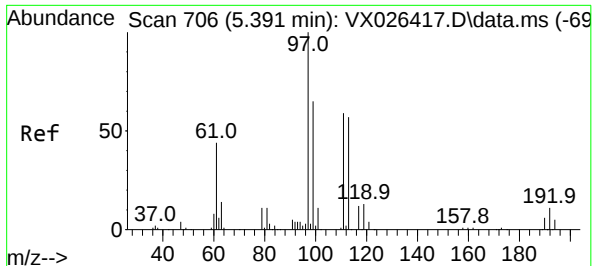
Tgt Ion: 65 Resp: 83452
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX026567.D
 Acq: 25 Jan 2022 14:26

Tgt Ion: 114 Resp: 210063
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.8
 88 16.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.010 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

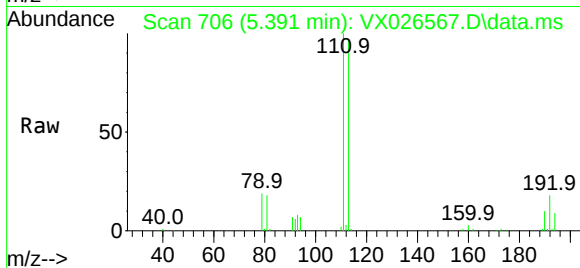
Lab File: VX026567.D

Acq: 25 Jan 2022 14:26

Instrument :

MSVOA_X

ClientSampleId :



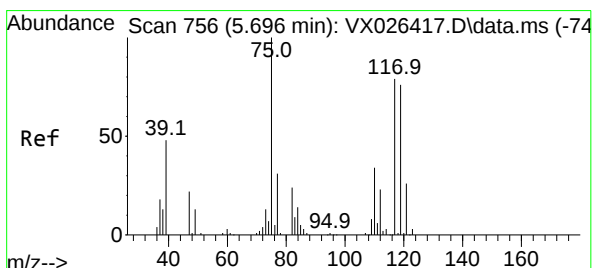
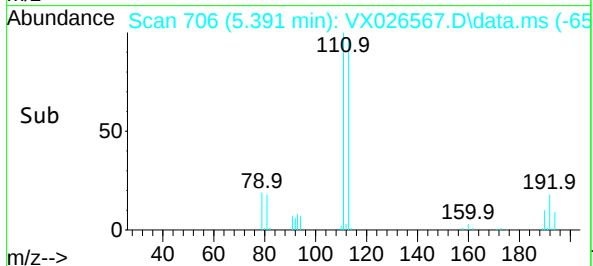
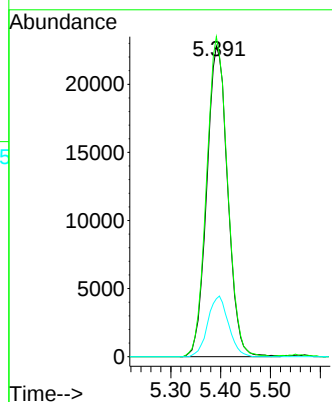
Tgt Ion:113 Resp: 66483

Ion Ratio Lower Upper

113 100

111 103.1 81.2 121.8

192 19.3 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.606 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX026567.D

Acq: 25 Jan 2022 14:26

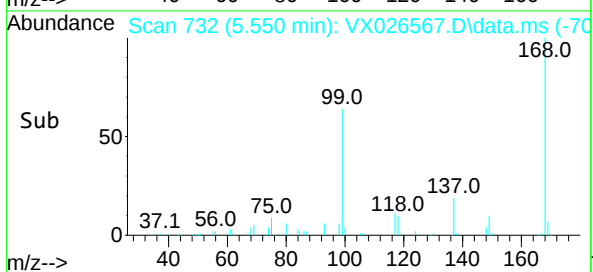
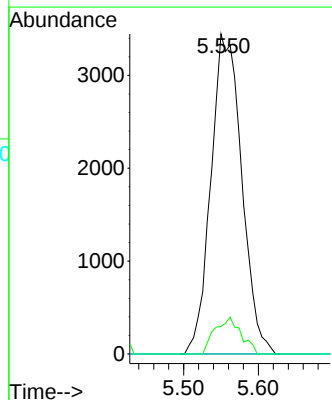
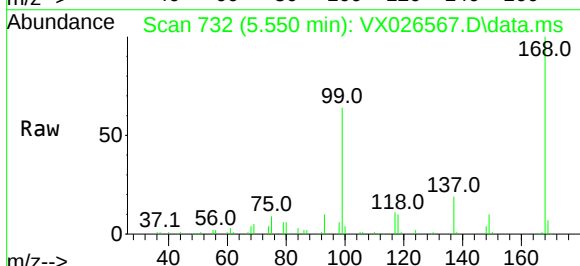
Tgt Ion: 75 Resp: 9863

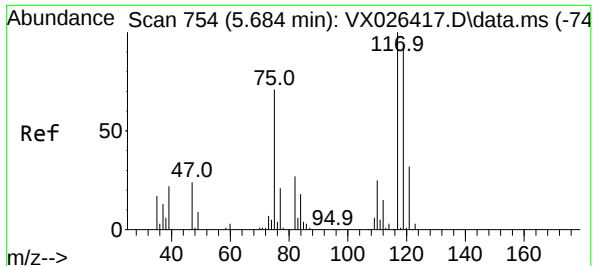
Ion Ratio Lower Upper

75 100

110 9.7 17.2 51.6#

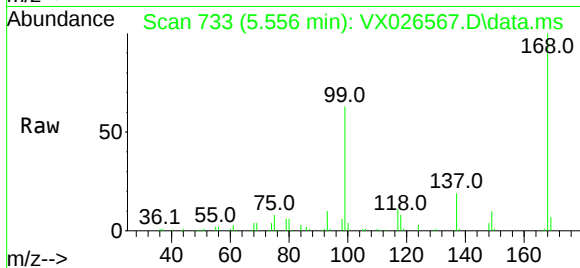
77 0.0 24.6 36.8#



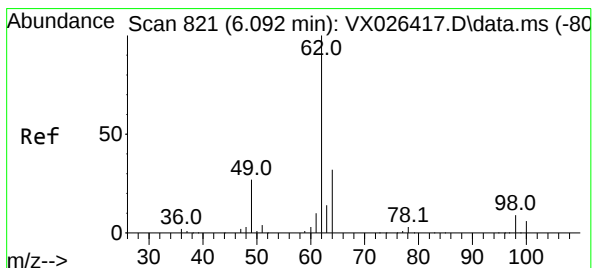
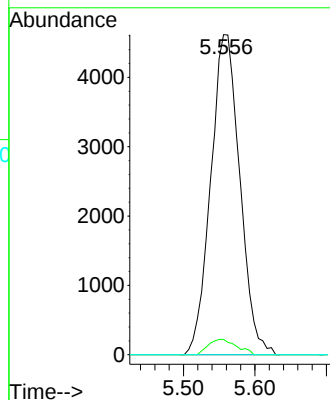
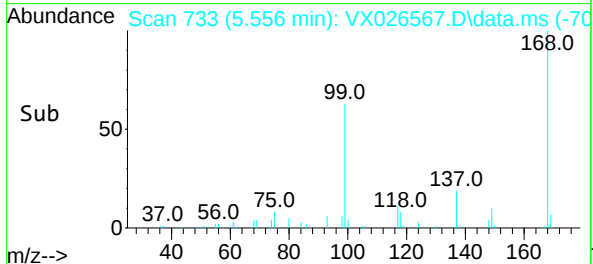


#38
Carbon Tetrachloride
Concen: 5.926 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026567.D
Acq: 25 Jan 2022 14:26

Instrument :
MSVOA_X
ClientSampleId :

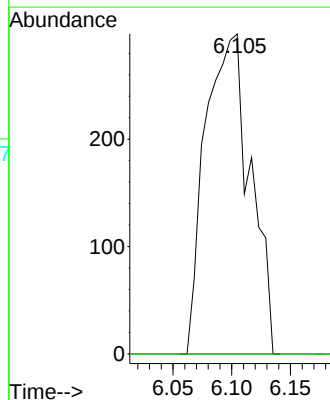
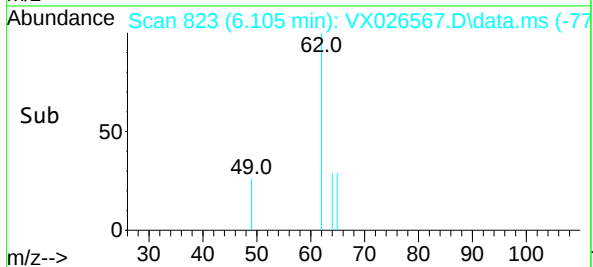
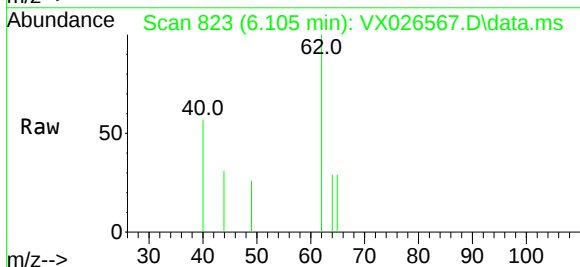


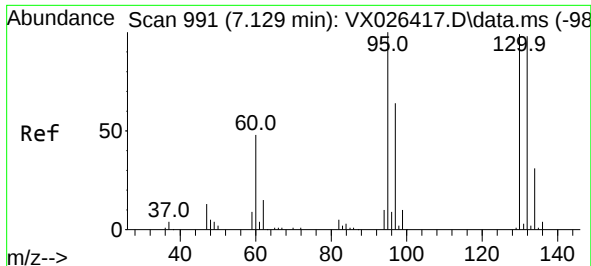
Tgt Ion:117 Resp: 13053
Ion Ratio Lower Upper
117 100
119 4.8 74.7 112.1#
121 0.0 25.4 38.0#



#42
1,2-Dichloroethane
Concen: 0.343 ug/l
RT: 6.105 min Scan# 823
Delta R.T. 0.012 min
Lab File: VX026567.D
Acq: 25 Jan 2022 14:26

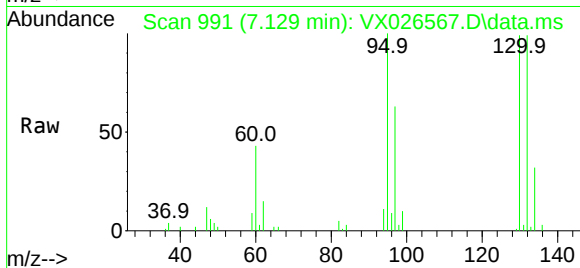
Tgt Ion: 62 Resp: 795
Ion Ratio Lower Upper
62 100
98 0.0 0.0 17.8



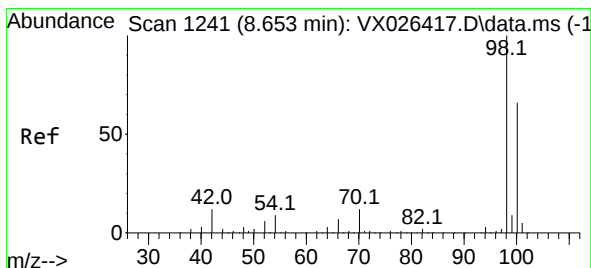
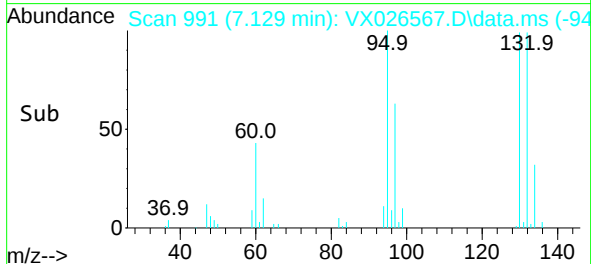
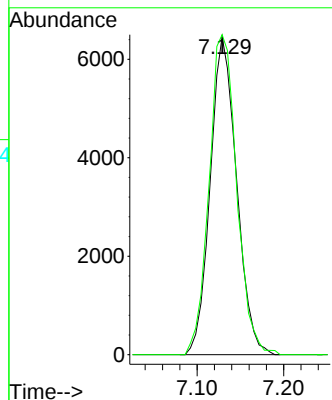


#44
Trichloroethene
Concen: 8.123 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX026567.D
Acq: 25 Jan 2022 14:26

Instrument :
MSVOA_X
ClientSampleId :

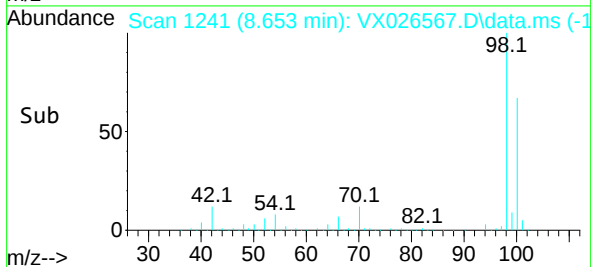
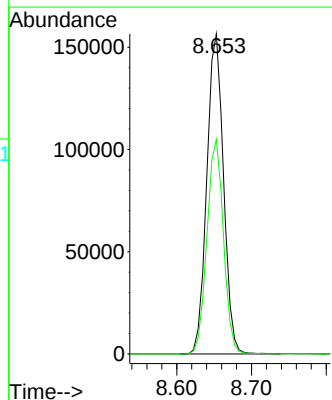
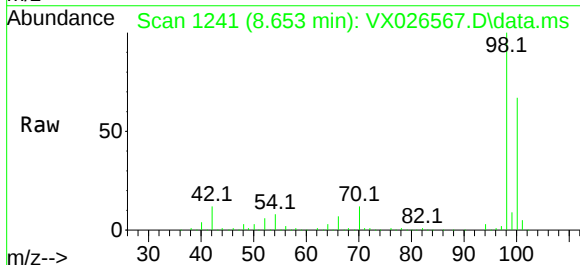


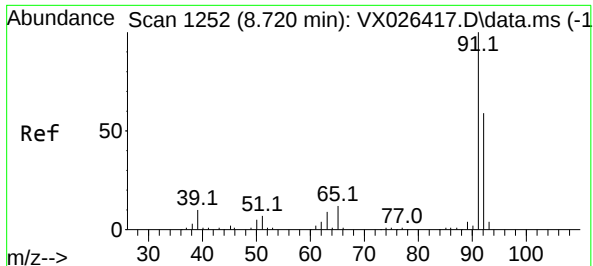
Tgt Ion:130 Resp: 13643
Ion Ratio Lower Upper
130 100
95 100.6 0.0 202.6



#50
Toluene-d8
Concen: 49.587 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026567.D
Acq: 25 Jan 2022 14:26

Tgt Ion: 98 Resp: 242395
Ion Ratio Lower Upper
98 100
100 66.4 53.2 79.8

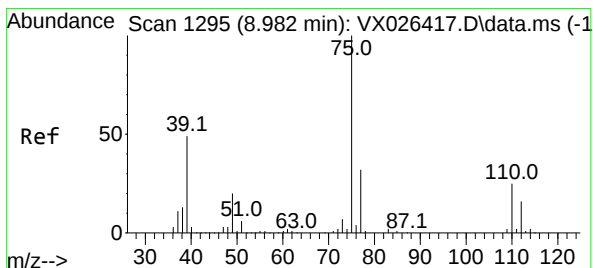
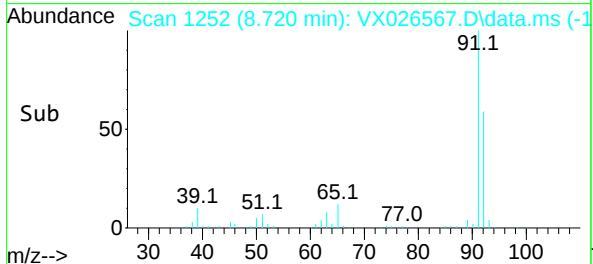
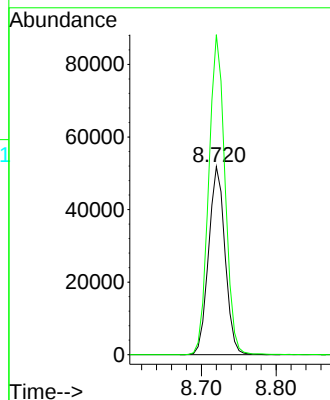
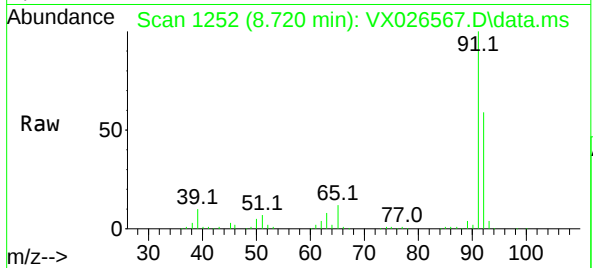




#52
Toluene
Concen: 21.807 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX026567.D
Acq: 25 Jan 2022 14:26

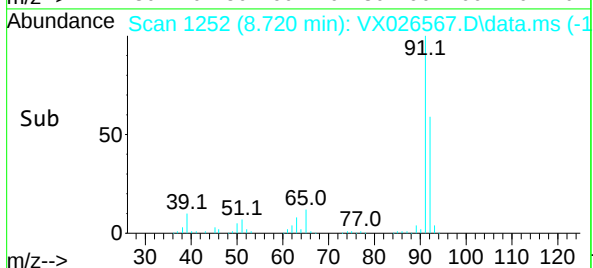
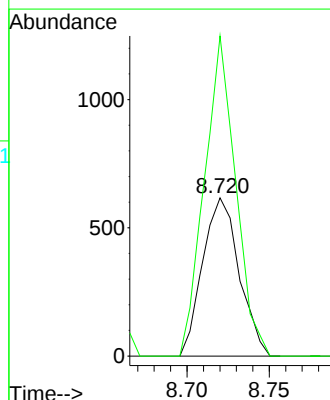
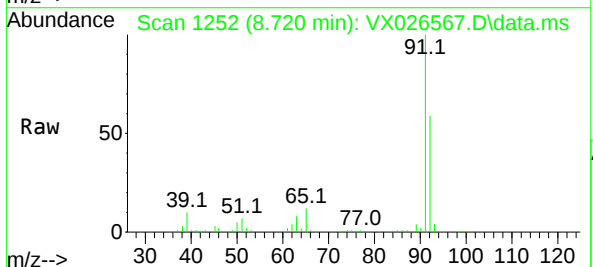
Instrument :
MSVOA_X
ClientSampleId :

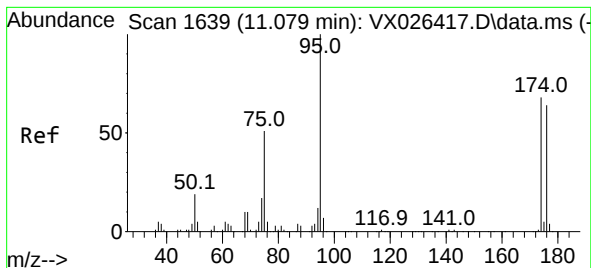
Tgt Ion: 92 Resp: 79154
Ion Ratio Lower Upper
92 100
91 168.7 135.7 203.5



#53
t-1,3-Dichloropropene
Concen: 2.286 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.262 min
Lab File: VX026567.D
Acq: 25 Jan 2022 14:26

Tgt Ion: 75 Resp: 953
Ion Ratio Lower Upper
75 100
77 202.3 25.7 38.5#

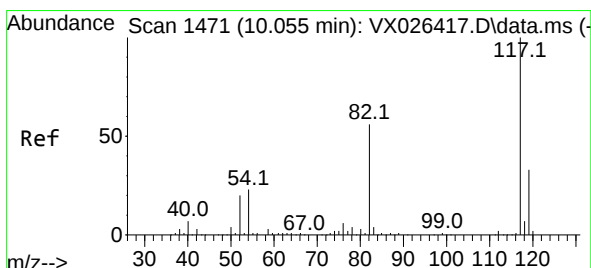
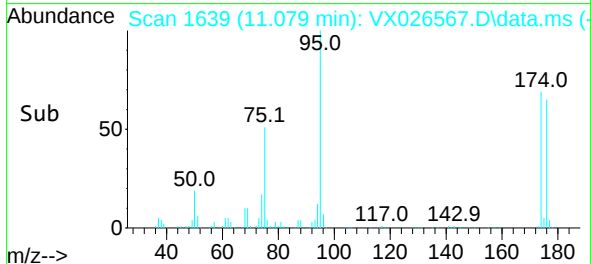
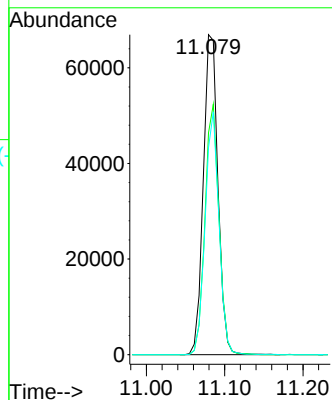
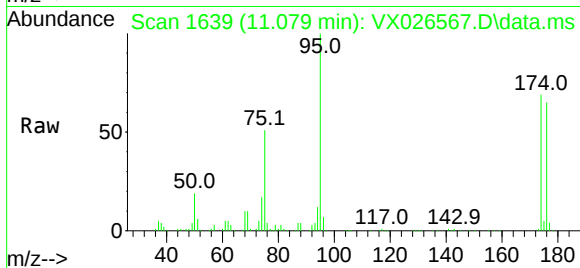




#62
4-Bromofluorobenzene
Concen: 50.013 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026567.D
Acq: 25 Jan 2022 14:26

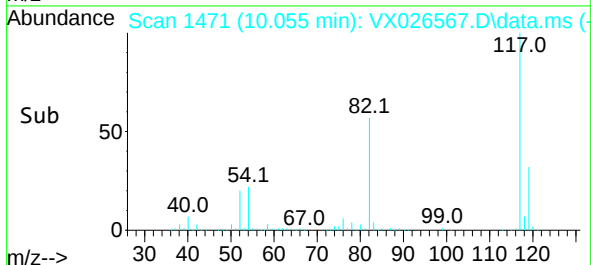
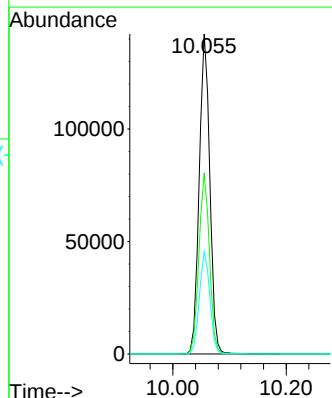
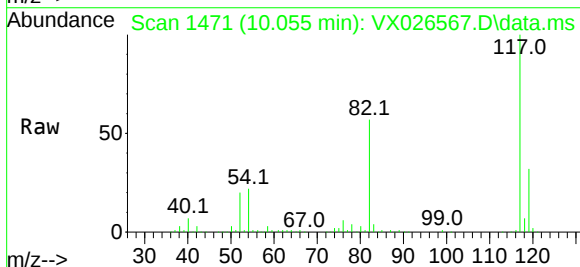
Instrument :
MSVOA_X
ClientSampleId :

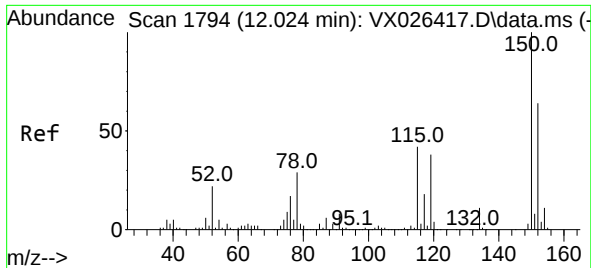
Tgt Ion: 95 Resp: 86848
Ion Ratio Lower Upper
95 100
174 74.7 0.0 148.6
176 72.0 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026567.D
Acq: 25 Jan 2022 14:26

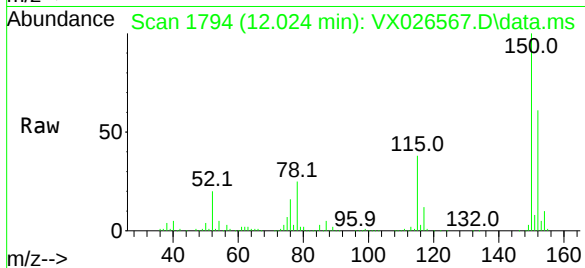
Tgt Ion: 117 Resp: 184325
Ion Ratio Lower Upper
117 100
82 56.5 45.2 67.8
119 31.9 26.2 39.2



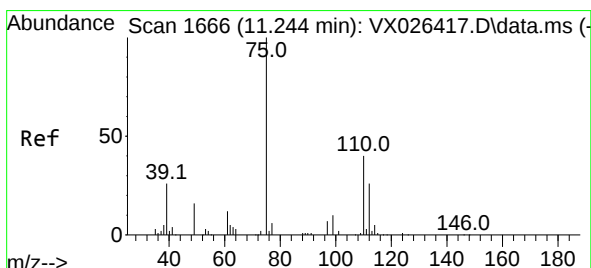
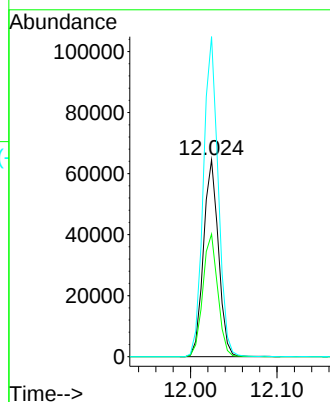
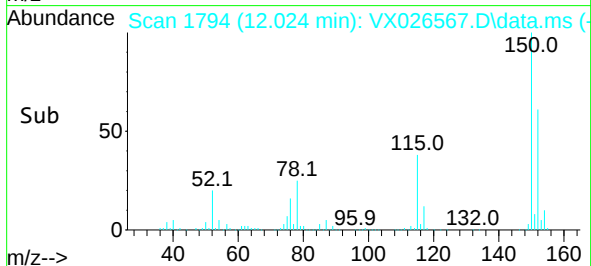


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026567.D
 Acq: 25 Jan 2022 14:26

Instrument :
 MSVOA_X
 ClientSampleId :

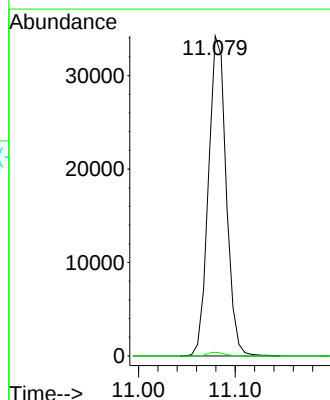
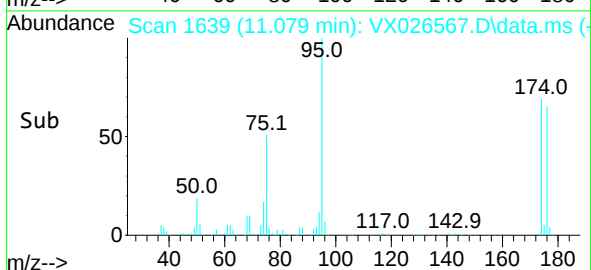
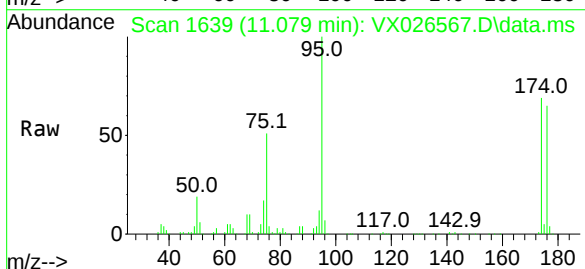


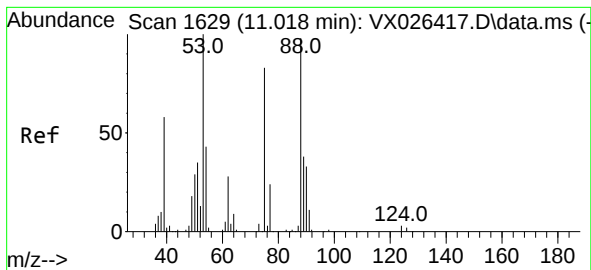
Tgt Ion:152 Resp: 77234
 Ion Ratio Lower Upper
 152 100
 115 62.1 44.2 132.6
 150 161.0 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 25.681 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX026567.D
 Acq: 25 Jan 2022 14:26

Tgt Ion: 75 Resp: 43671
 Ion Ratio Lower Upper
 75 100
 77 1.1 18.3 54.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.924 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX026567.D
 Acq: 25 Jan 2022 14:26

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 43671
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

