

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051124\
 Data File : VX041472.D
 Acq On : 10 May 2024 20:25
 Operator : JC/MD
 Sample : P2445-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 11 01:40:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

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

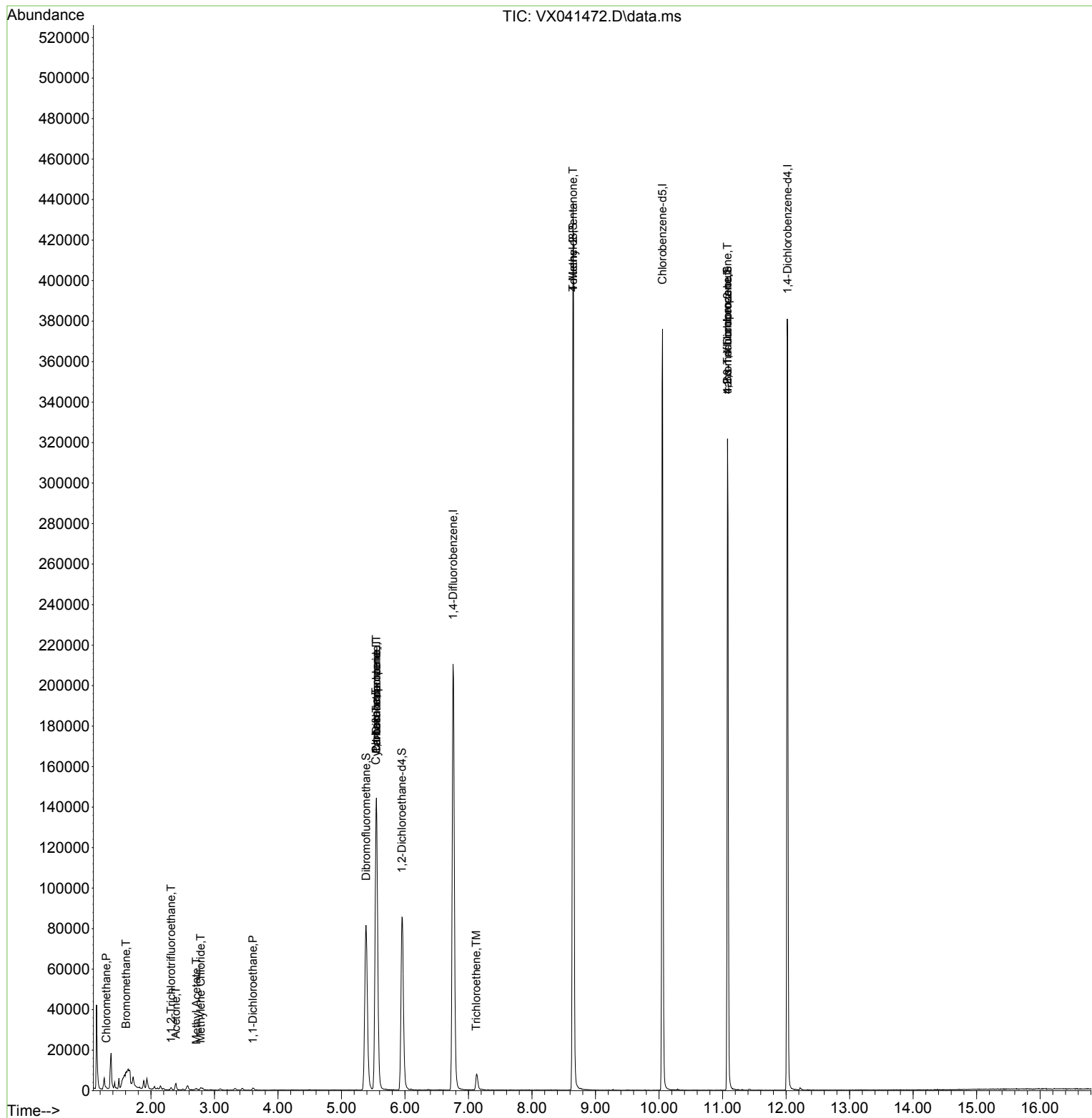
Internal Standards						
1) Pentafluorobenzene	5.550	168	150603	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	225779	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86229	52.594	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.180%	
35) Dibromofluoromethane	5.385	113	71272	46.582	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.160%	
50) Toluene-d8	8.647	98	262842	54.276	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 108.560%	
62) 4-Bromofluorobenzene	11.079	95	77399	41.287	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 82.580%#	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	365	0.285	ug/l	# 87
5) Bromomethane	1.605	94	336	0.439	ug/l	# 67
9) 1,1,2-Trichlorotrifluo...	2.319	101	336	0.284	ug/l	# 75
16) Acetone	2.392	43	3591	1.079	ug/l	98
18) Methyl Acetate	2.715	43	395	0.235	ug/l	# 53
20) Methylene Chloride	2.782	84	618	0.434	ug/l	# 81
24) 1,1-Dichloroethane	3.605	63	1458	0.621	ug/l	# 83
31) Cyclohexane	5.544	56	2721	1.375	ug/l	# 18
36) 1,1-Dichloropropene	5.550	75	9565	5.228	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	13472	6.428	ug/l	# 17
44) Trichloroethene	7.123	130	3915	2.629	ug/l	84
51) 4-Methyl-2-Pentanone	8.647	43	1112	0.540	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	40908	29.164	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	40908	79.438	ug/l	# 5

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

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Sample : P2445-03
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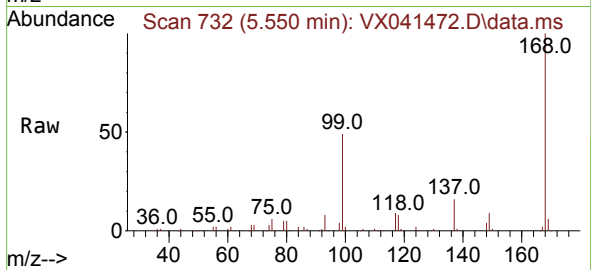
Quant Time: May 11 01:40:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 06:03:16 2024
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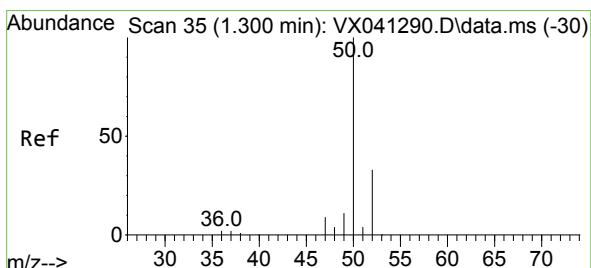
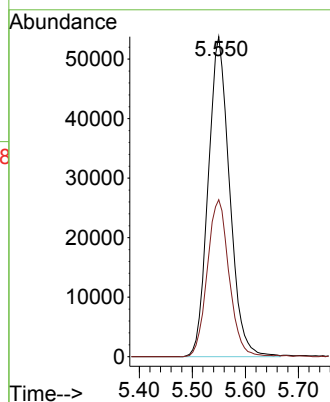
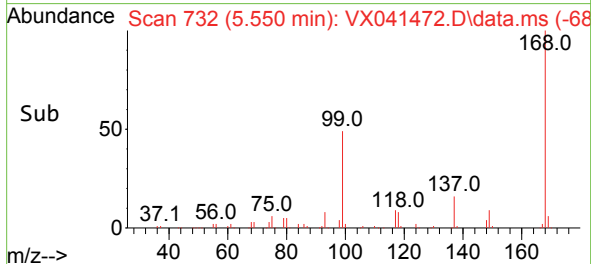


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041472.D
Acq: 10 May 2024 20:25

Instrument :
MSVOA_X
ClientSampleId :

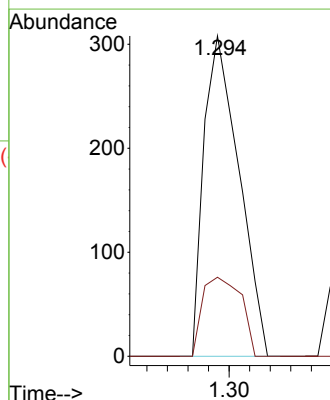
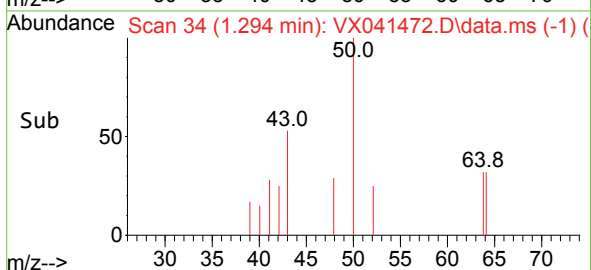
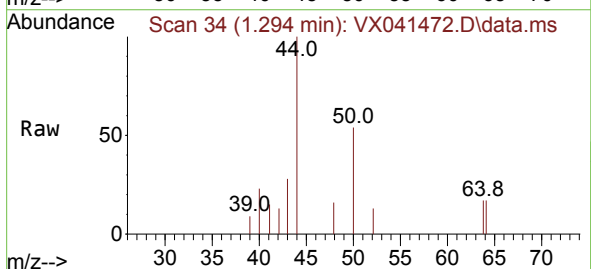


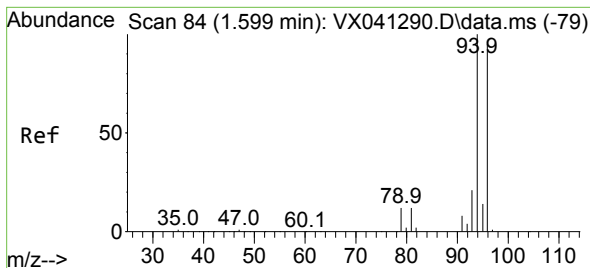
Tgt Ion:168 Resp: 150603
Ion Ratio Lower Upper
168 100
99 49.1 56.6 85.0#



#3
Chloromethane
Concen: 0.285 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041472.D
Acq: 10 May 2024 20:25

Tgt Ion: 50 Resp: 365
Ion Ratio Lower Upper
50 100
52 24.7 25.5 38.3#





#5

Bromomethane

Concen: 0.439 ug/l

RT: 1.605 min Scan# 84

Delta R.T. 0.006 min

Lab File: VX041472.D

Acq: 10 May 2024 20:25

Instrument :

MSVOA_X

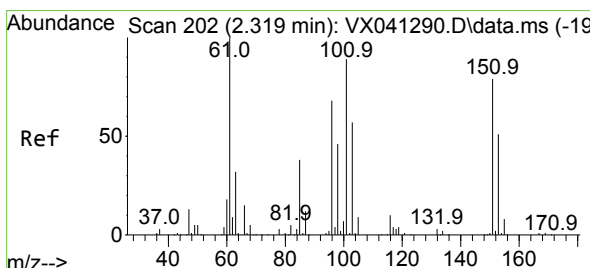
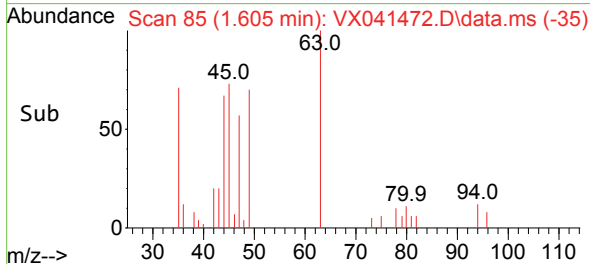
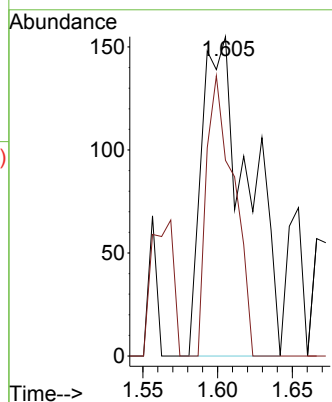
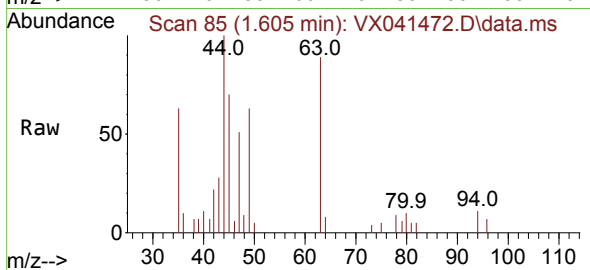
ClientSampleId :

Tgt Ion: 94 Resp: 336

Ion Ratio Lower Upper

94 100

96 61.3 74.6 111.8#



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.284 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX041472.D

Acq: 10 May 2024 20:25

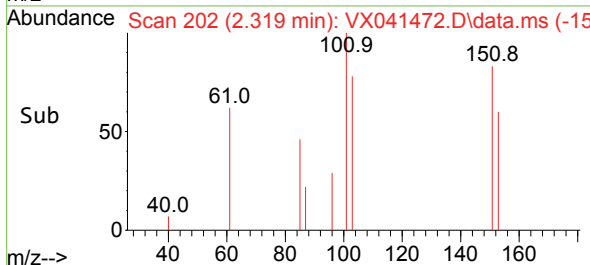
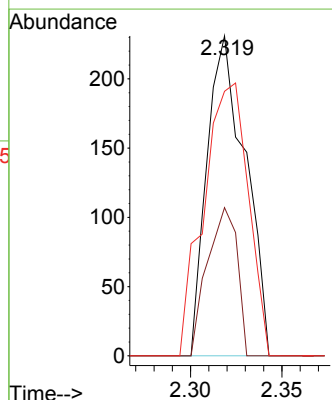
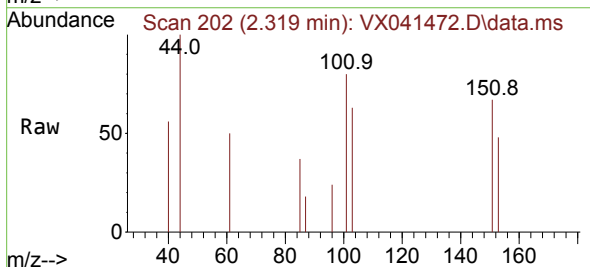
Tgt Ion: 101 Resp: 336

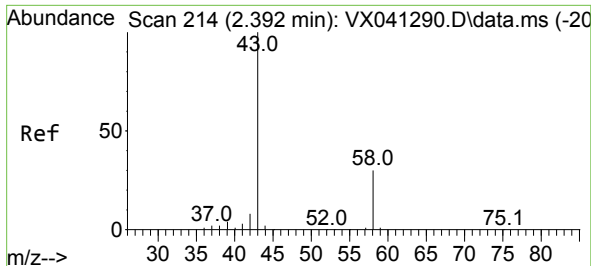
Ion Ratio Lower Upper

101 100

85 36.3 37.0 55.6#

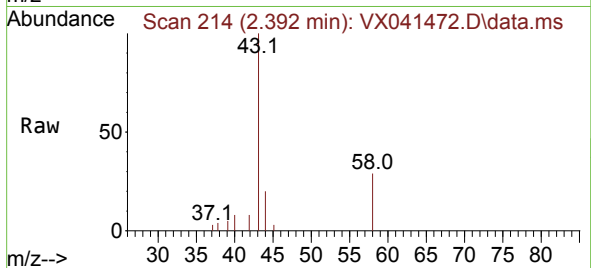
151 99.4 58.6 87.8#



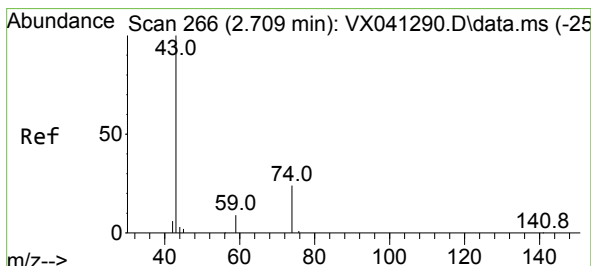
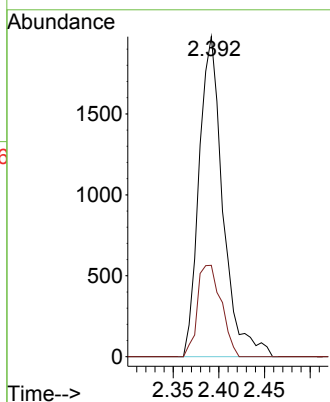
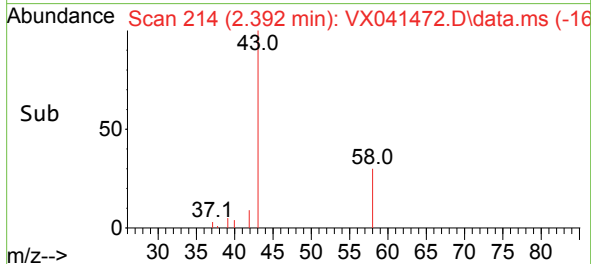


#16
Acetone
Concen: 1.079 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041472.D
Acq: 10 May 2024 20:25

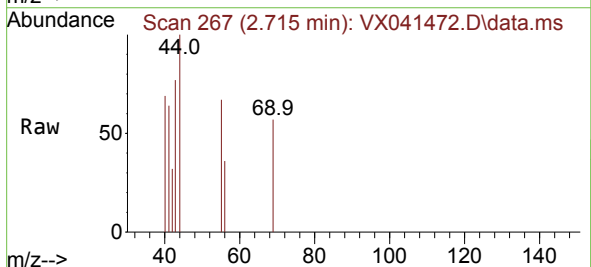
Instrument :
MSVOA_X
ClientSampleId :



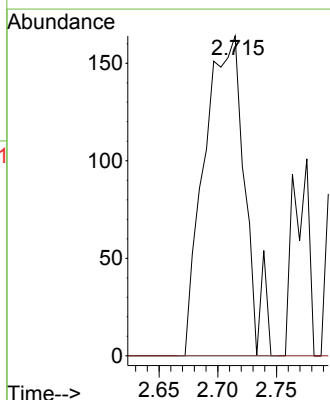
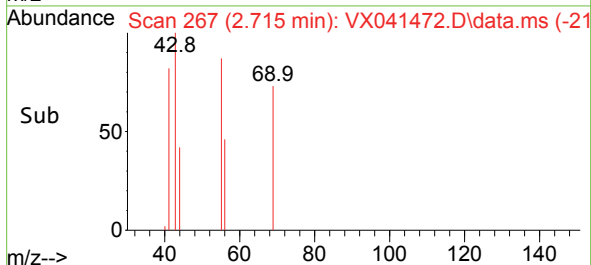
Tgt Ion: 43 Resp: 3591
Ion Ratio Lower Upper
43 100
58 28.6 21.9 32.9

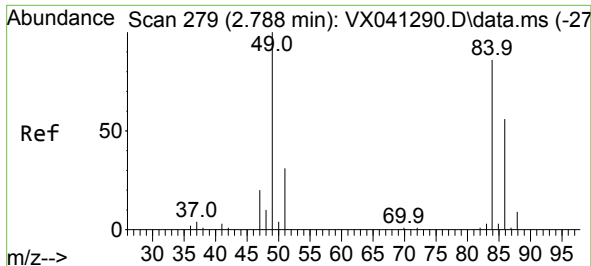


#18
Methyl Acetate
Concen: 0.235 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX041472.D
Acq: 10 May 2024 20:25



Tgt Ion: 43 Resp: 395
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#





#20

Methylene Chloride

Concen: 0.434 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

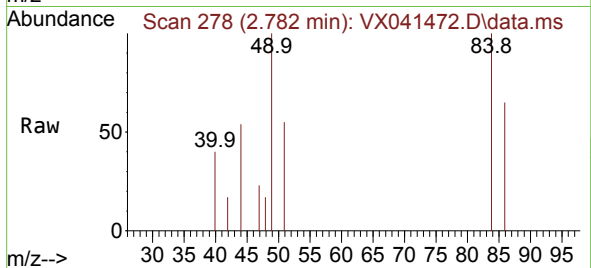
Lab File: VX041472.D

Acq: 10 May 2024 20:25

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 618

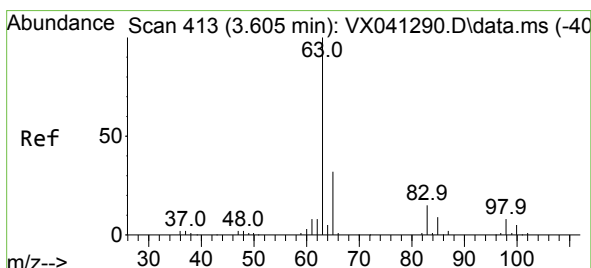
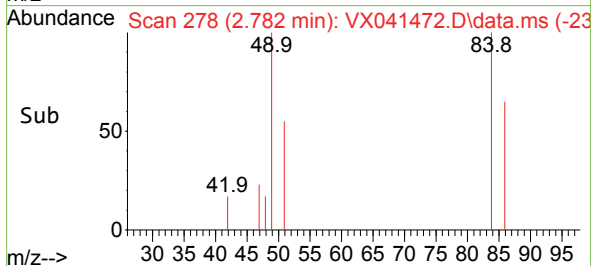
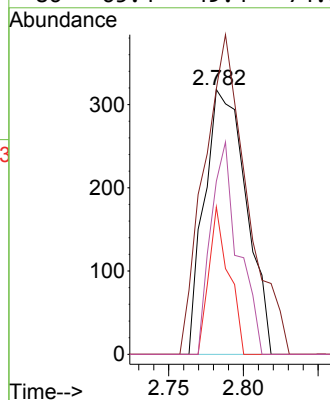
Ion Ratio Lower Upper

84 100

49 100.3 103.6 155.4#

51 55.7 33.8 50.6#

86 65.4 49.4 74.0



#24

1,1-Dichloroethane

Concen: 0.621 ug/l

RT: 3.605 min Scan# 413

Delta R.T. -0.000 min

Lab File: VX041472.D

Acq: 10 May 2024 20:25

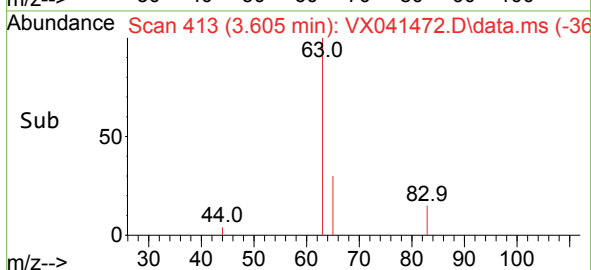
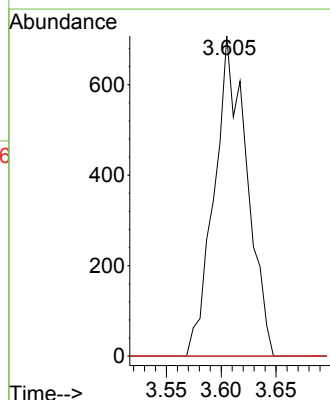
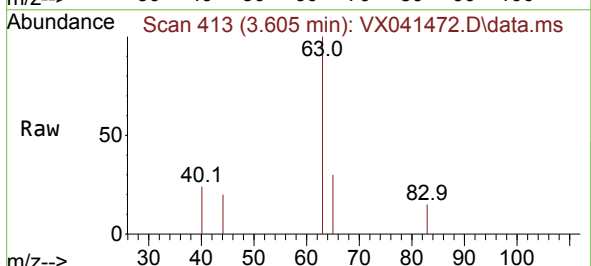
Tgt Ion: 63 Resp: 1458

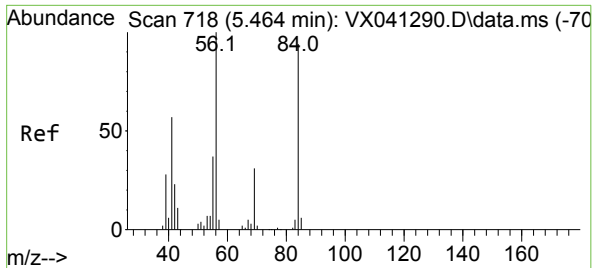
Ion Ratio Lower Upper

63 100

98 0.0 3.3 9.8#

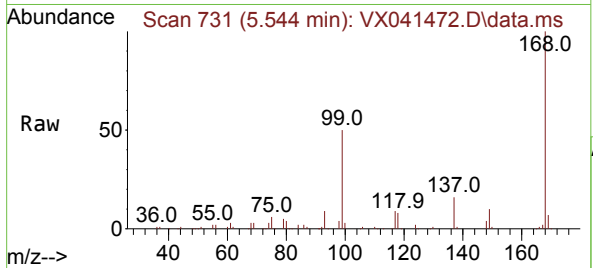
100 0.0 2.1 6.5#



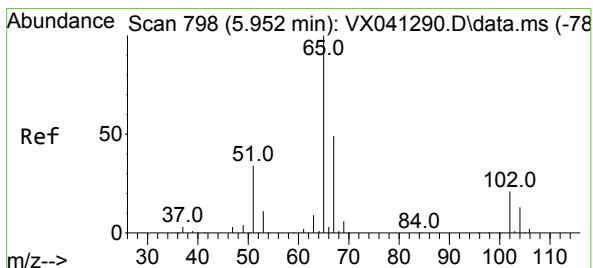
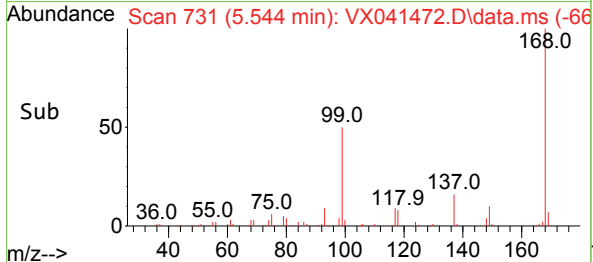
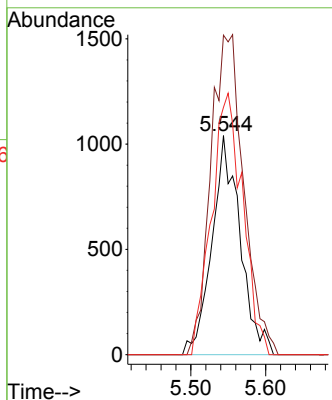


#31
Cyclohexane
Concen: 1.375 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX041472.D
Acq: 10 May 2024 20:25

Instrument :
MSVOA_X
ClientSampleId :

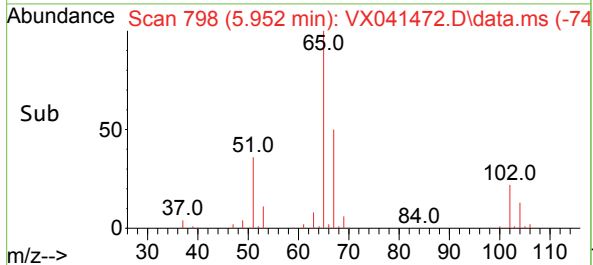
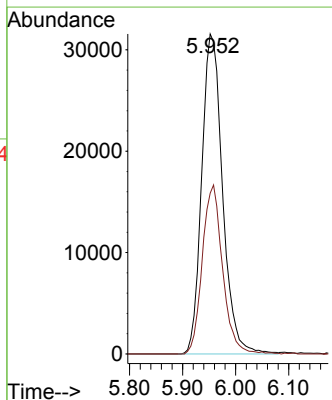
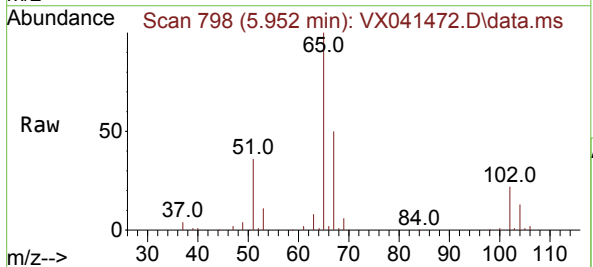


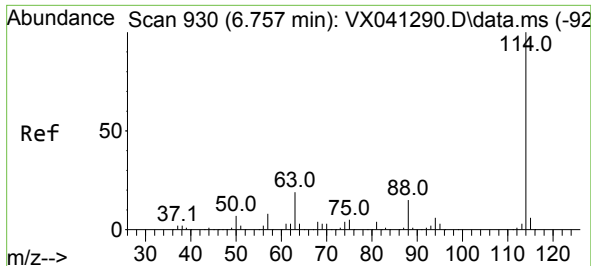
Tgt Ion: 56 Resp: 2721
Ion Ratio Lower Upper
56 100
69 146.0 23.4 35.2#
84 113.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 52.594 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041472.D
Acq: 10 May 2024 20:25

Tgt Ion: 65 Resp: 86229
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.2

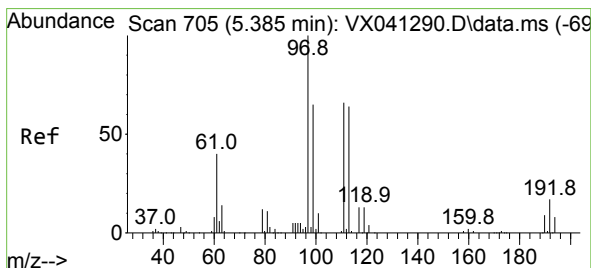
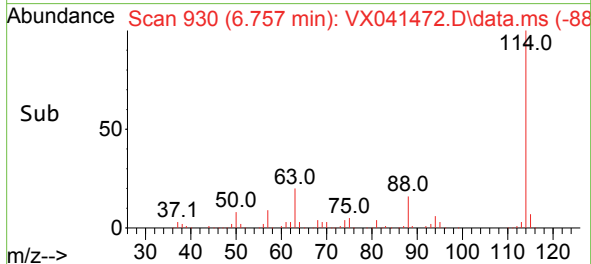
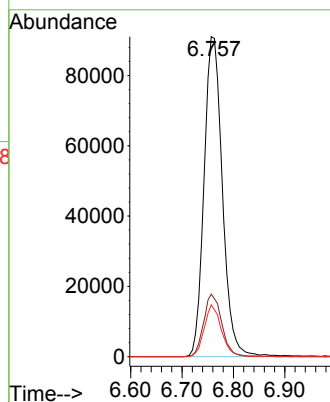
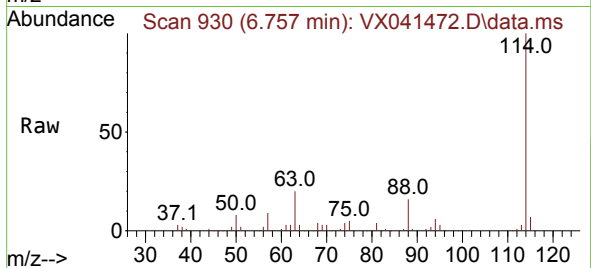




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX041472.D
Acq: 10 May 2024 20:25

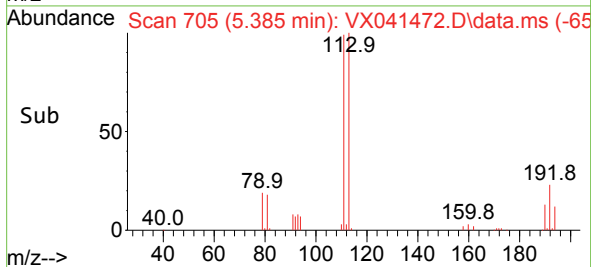
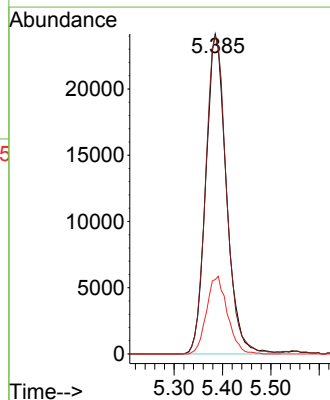
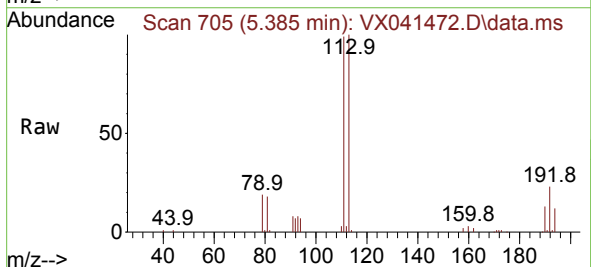
Instrument :
MSVOA_X
ClientSampleId :

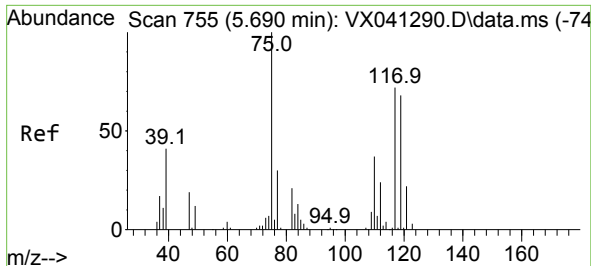
Tgt Ion:114 Resp: 225779
Ion Ratio Lower Upper
114 100
63 19.6 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.582 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041472.D
Acq: 10 May 2024 20:25

Tgt Ion:113 Resp: 71272
Ion Ratio Lower Upper
113 100
111 100.8 82.9 124.3
192 24.6 13.3 19.9#

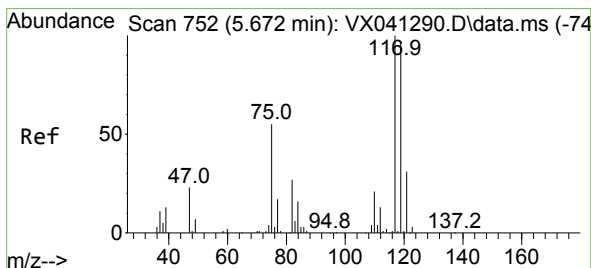
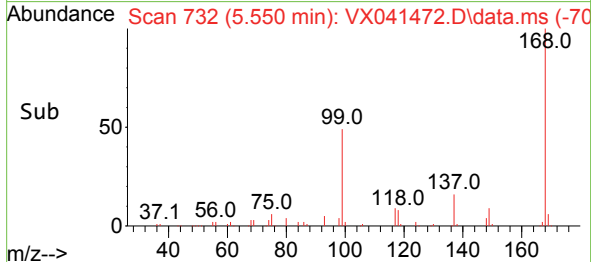
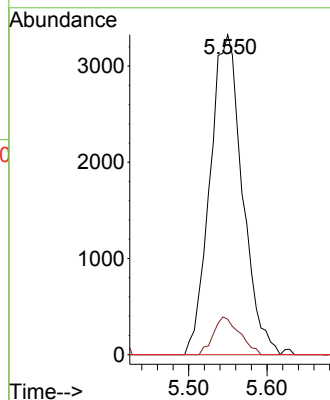
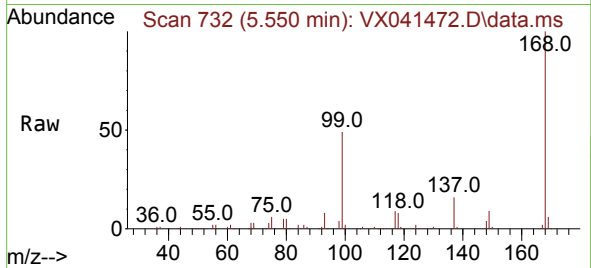




#36
1,1-Dichloropropene
Concen: 5.228 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX041472.D
Acq: 10 May 2024 20:25

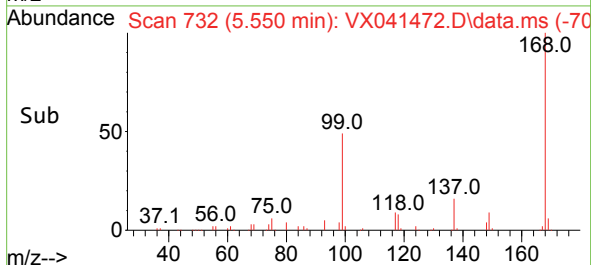
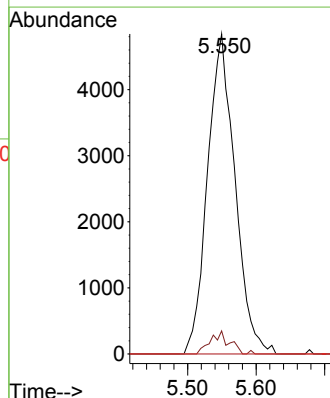
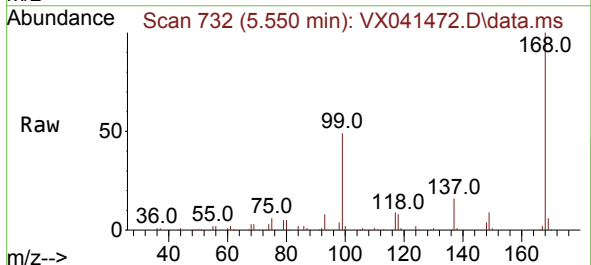
Instrument :
MSVOA_X
ClientSampleId :

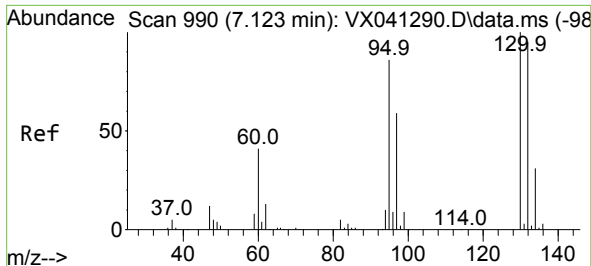
Tgt Ion: 75 Resp: 9565
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.428 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX041472.D
Acq: 10 May 2024 20:25

Tgt Ion: 117 Resp: 13472
Ion Ratio Lower Upper
117 100
119 7.2 78.2 117.2#
121 0.0 24.4 36.6#

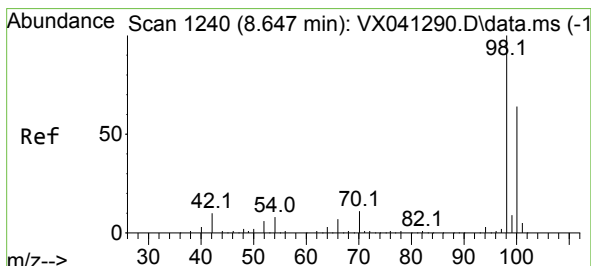
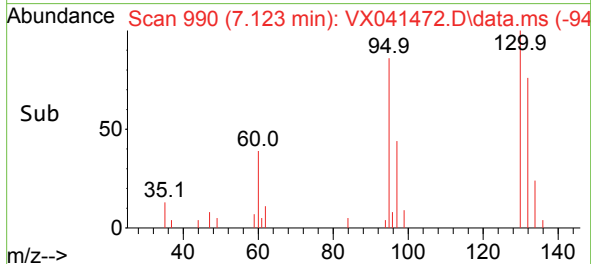
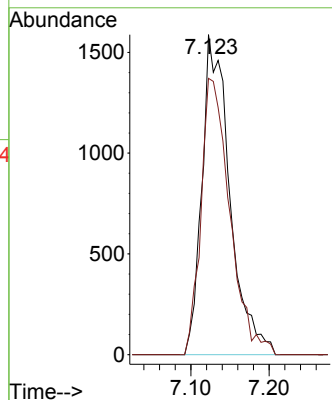
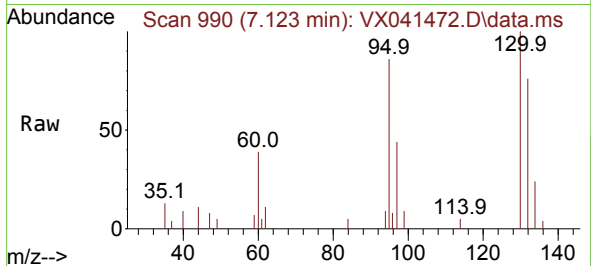




#44
Trichloroethene
Concen: 2.629 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX041472.D
Acq: 10 May 2024 20:25

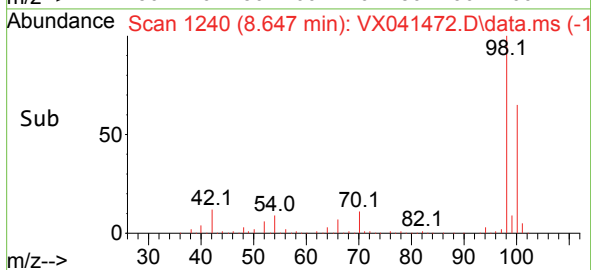
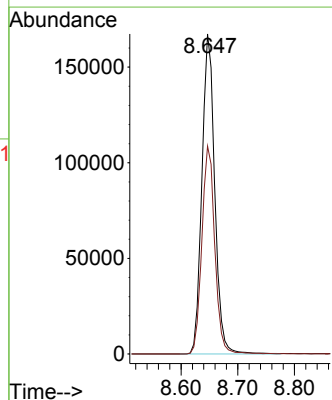
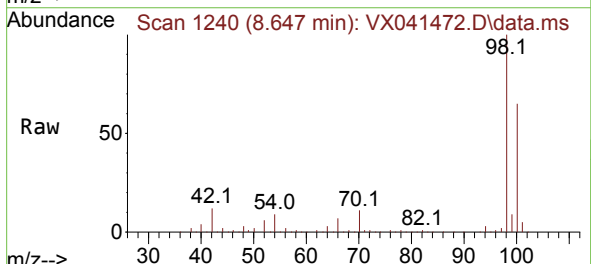
Instrument :
MSVOA_X
ClientSampleId :

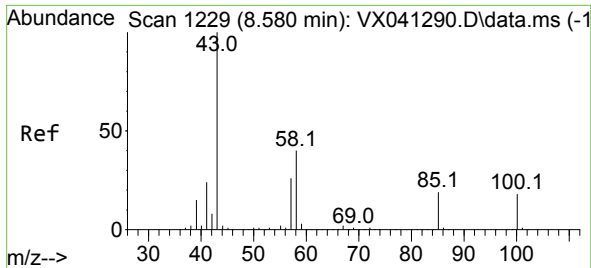
Tgt Ion:130 Resp: 3915
Ion Ratio Lower Upper
130 100
95 86.3 0.0 204.4



#50
Toluene-d8
Concen: 54.276 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041472.D
Acq: 10 May 2024 20:25

Tgt Ion: 98 Resp: 262842
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7

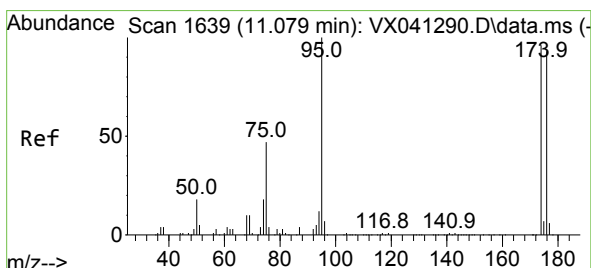
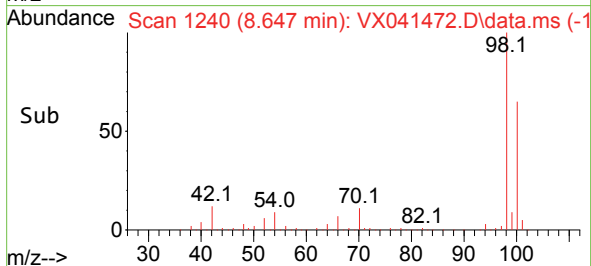
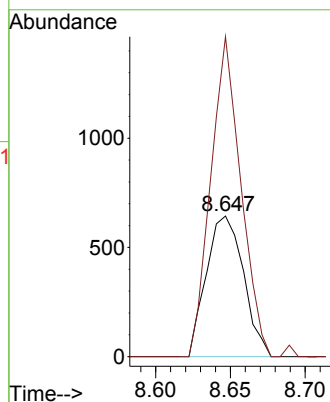
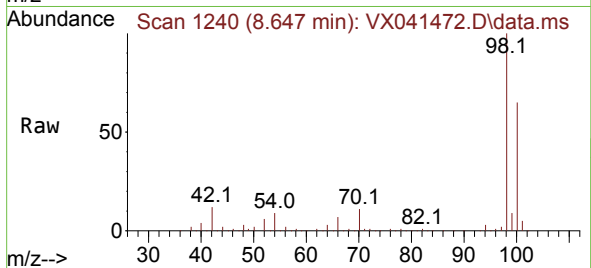




#51
4-Methyl-2-Pentanone
Concen: 0.540 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX041472.D
Acq: 10 May 2024 20:25

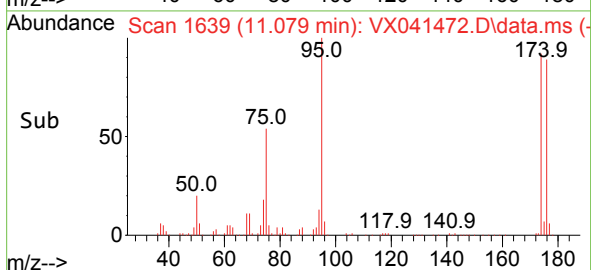
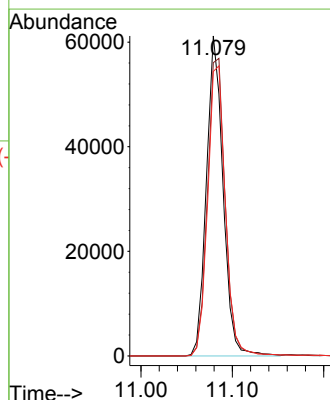
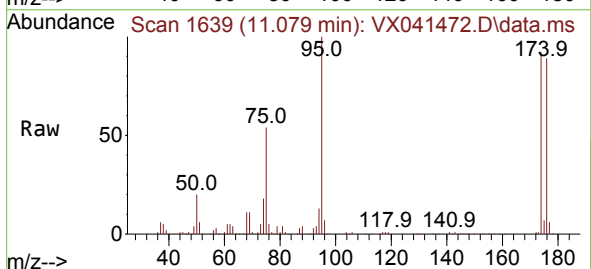
Instrument :
MSVOA_X
ClientSampleId :

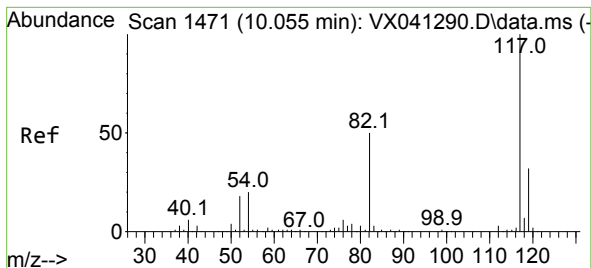
Tgt Ion: 43 Resp: 1112
Ion Ratio Lower Upper
43 100
58 184.7 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 41.287 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041472.D
Acq: 10 May 2024 20:25

Tgt Ion: 95 Resp: 77399
Ion Ratio Lower Upper
95 100
174 99.3 0.0 135.6
176 96.5 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX041472.D

Acq: 10 May 2024 20:25

Instrument :

MSVOA_X

ClientSampleId :

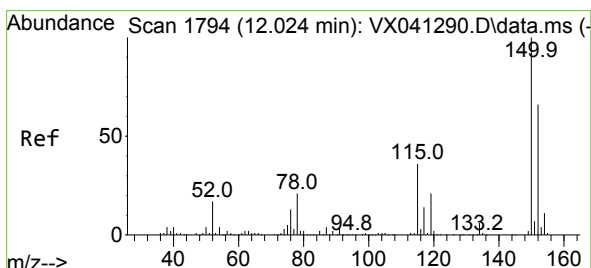
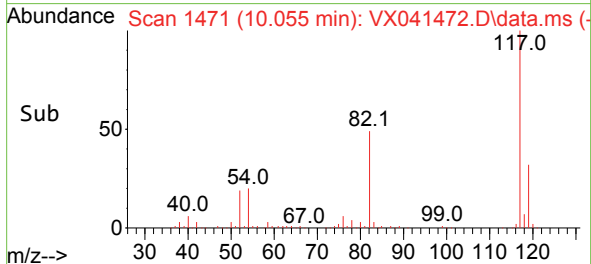
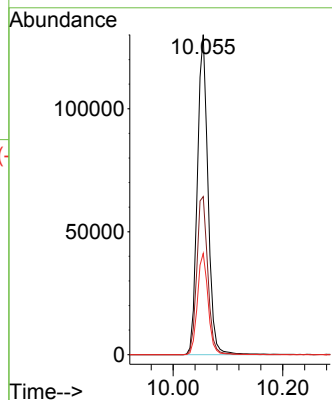
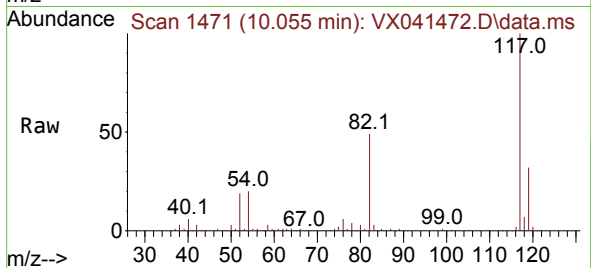
Tgt Ion:117 Resp: 176602

Ion Ratio Lower Upper

117 100

82 49.4 46.2 69.4

119 31.6 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX041472.D

Acq: 10 May 2024 20:25

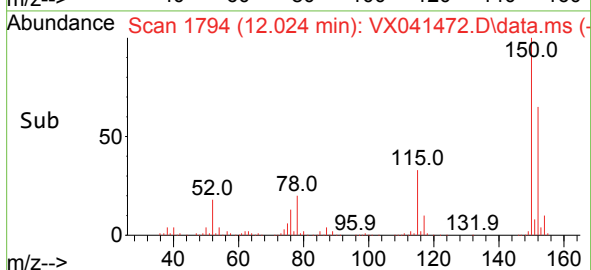
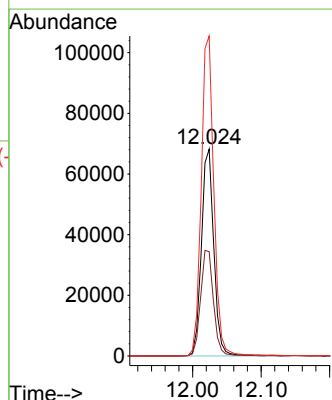
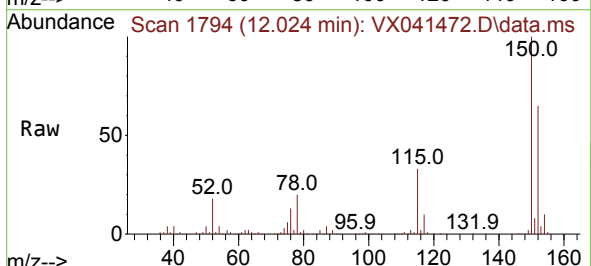
Tgt Ion:152 Resp: 86072

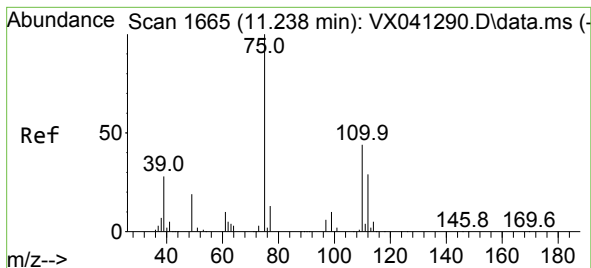
Ion Ratio Lower Upper

152 100

115 53.1 43.3 129.9

150 157.3 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 29.164 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041472.D

Acq: 10 May 2024 20:25

Instrument :

MSVOA_X

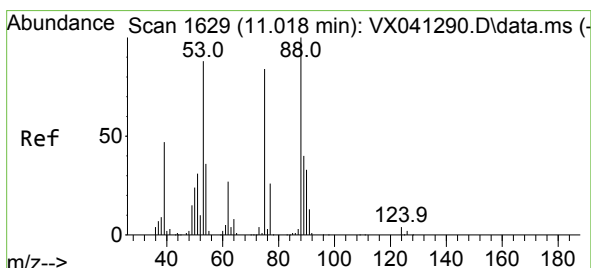
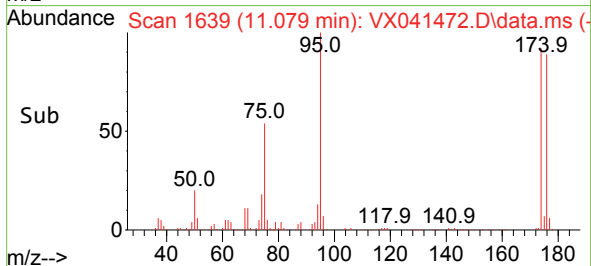
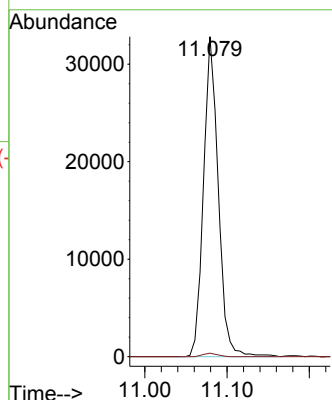
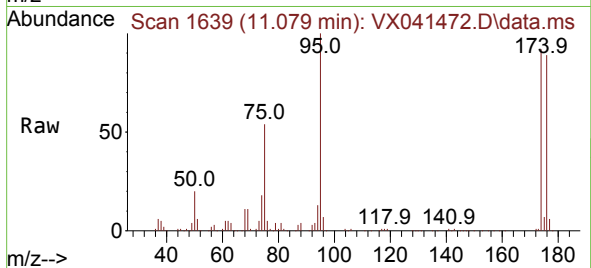
ClientSampleId :

Tgt Ion: 75 Resp: 40908

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 79.438 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041472.D

Acq: 10 May 2024 20:25

Tgt Ion: 75 Resp: 40908

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

