

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051324\
 Data File : VX041495.D
 Acq On : 13 May 2024 16:36
 Operator : JC/MD
 Sample : P2454-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 14 01:34:41 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)

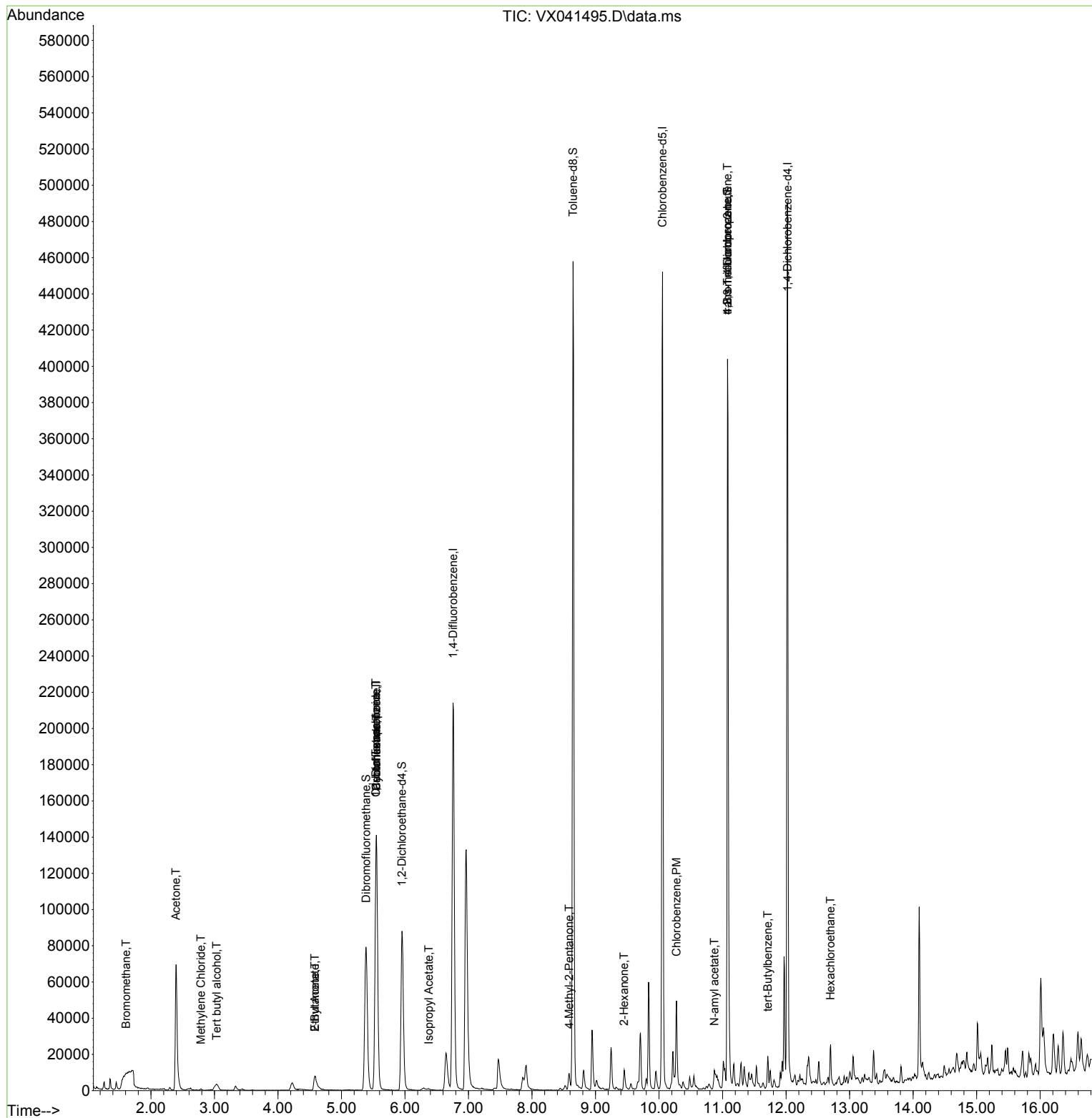
Internal Standards						
1) Pentafluorobenzene	5.550	168	149035	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	228333	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87192	53.741	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.480%	
35) Dibromofluoromethane	5.385	113	68144	44.039	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 88.080%	
50) Toluene-d8	8.647	98	269343	54.996	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 110.000%	
62) 4-Bromofluorobenzene	11.079	95	102136	53.874	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.740%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	395	0.522	ug/l	82
11) Tert butyl alcohol	3.032	59	7223	22.243	ug/l #	89
16) Acetone	2.392	43	93812	129.416	ug/l	98
20) Methylene Chloride	2.788	84	410	0.291	ug/l #	85
25) 2-Butanone	4.580	43	18595	17.708	ug/l	98
31) Cyclohexane	5.550	56	2594	1.325	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	9380	5.070	ug/l #	52
37) Ethyl Acetate	4.580	43	18595	8.055	ug/l #	69
38) Carbon Tetrachloride	5.544	117	13175	6.216	ug/l #	15
43) Isopropyl Acetate	6.373	43	783	0.226	ug/l #	62
51) 4-Methyl-2-Pentanone	8.586	43	6657	3.196	ug/l	96
59) 2-Hexanone	9.451	43	4578	2.749	ug/l	84
65) Chlorobenzene	10.274	112	2494	0.584	ug/l #	43
74) N-amyl acetate	10.872	43	10434	3.487	ug/l #	64
76) 1,2,3-Trichloropropane	11.079	75	52149	28.519	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	52149	77.683	ug/l #	6
83) tert-Butylbenzene	11.713	119	6643	1.111	ug/l	94
90) Hexachloroethane	12.701	117	579	0.563	ug/l #	17

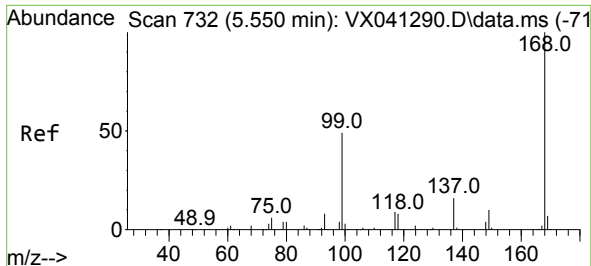
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051324\
Data File : VX041495.D
Acq On : 13 May 2024 16:36
Operator : JC/MD
Sample : P2454-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

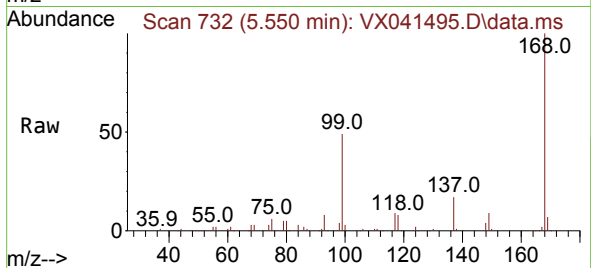
Quant Time: May 14 01:34:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 06:03:16 2024
Response via : Initial Calibration



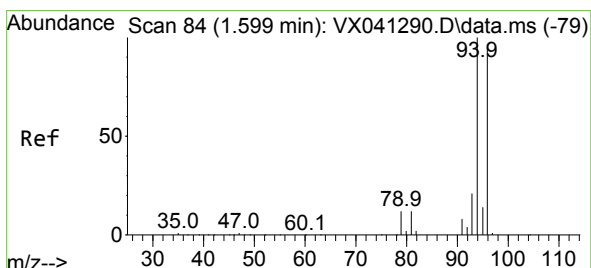
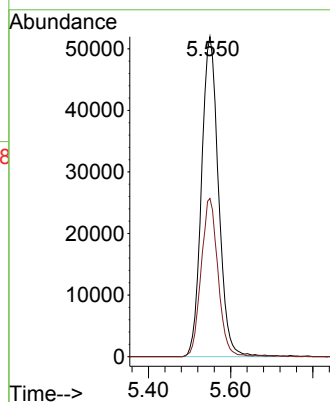
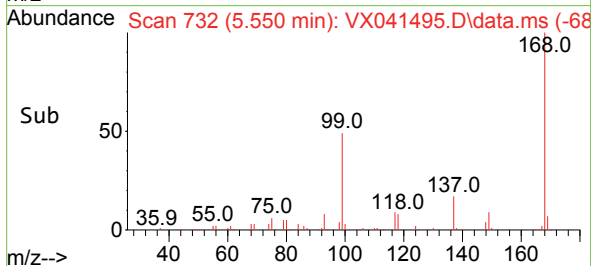


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041495.D
Acq: 13 May 2024 16:36

Instrument :
MSVOA_X
ClientSampleId :

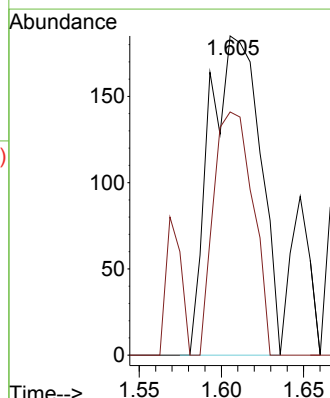
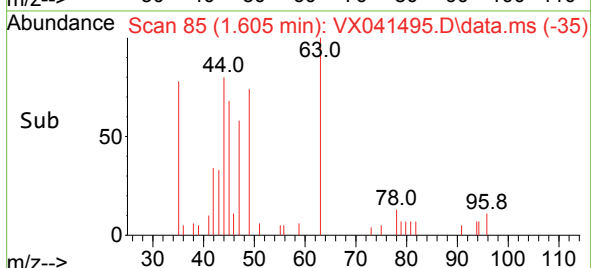
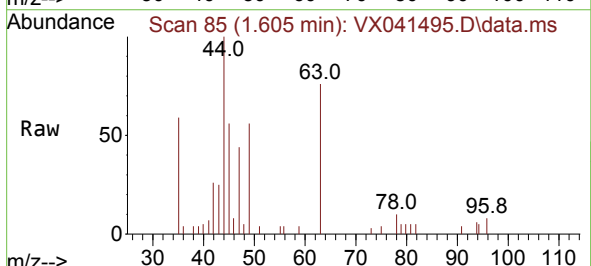


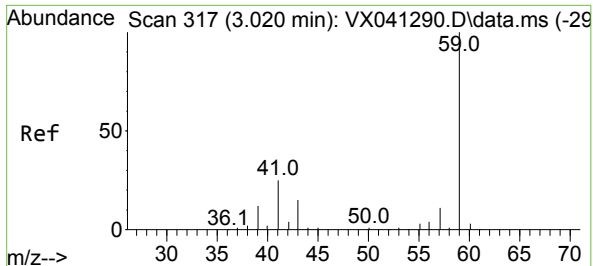
Tgt Ion:168 Resp: 149035
Ion Ratio Lower Upper
168 100
99 49.4 56.6 85.0#



#5
Bromomethane
Concen: 0.522 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX041495.D
Acq: 13 May 2024 16:36

Tgt Ion: 94 Resp: 395
Ion Ratio Lower Upper
94 100
96 76.2 74.6 111.8





#11

Tert butyl alcohol

Concen: 22.243 ug/l

RT: 3.032 min Scan# 31

Delta R.T. 0.012 min

Lab File: VX041495.D

Acq: 13 May 2024 16:36

Instrument :

MSVOA_X

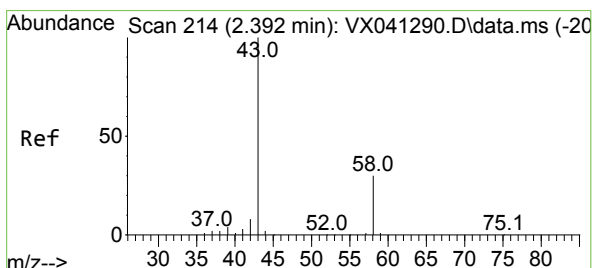
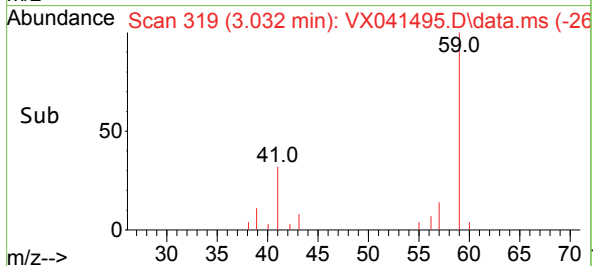
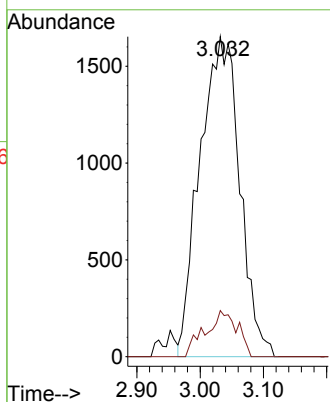
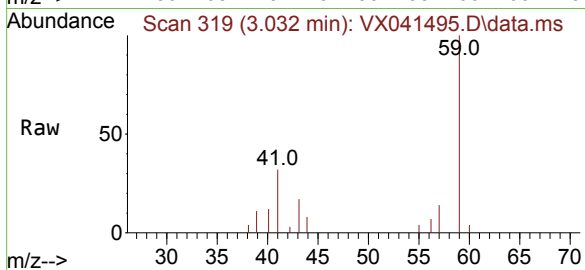
ClientSampleId :

Tgt Ion: 59 Resp: 7223

Ion Ratio Lower Upper

59 100

57 11.4 6.0 9.0#



#16

Acetone

Concen: 129.416 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX041495.D

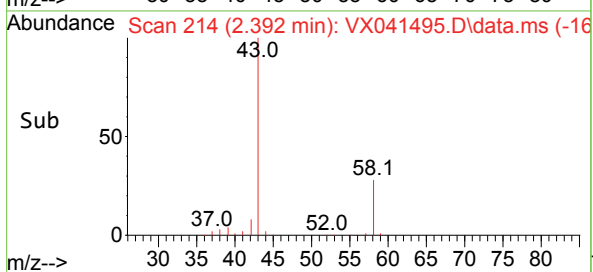
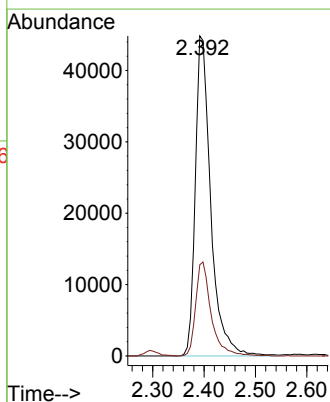
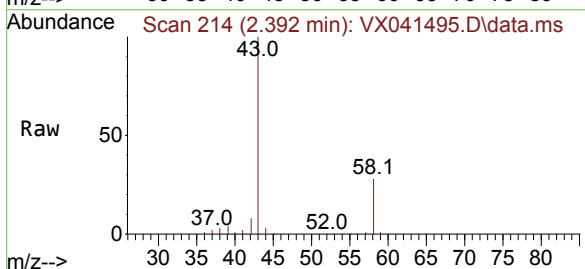
Acq: 13 May 2024 16:36

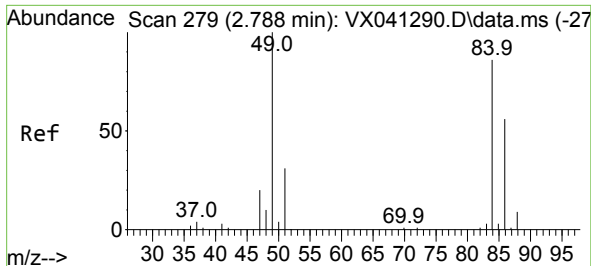
Tgt Ion: 43 Resp: 93812

Ion Ratio Lower Upper

43 100

58 28.5 21.9 32.9





#20

Methylene Chloride

Concen: 0.291 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

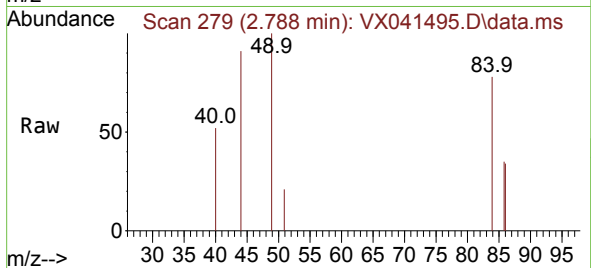
Lab File: VX041495.D

Acq: 13 May 2024 16:36

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 410

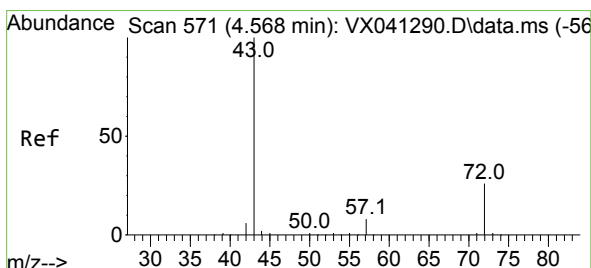
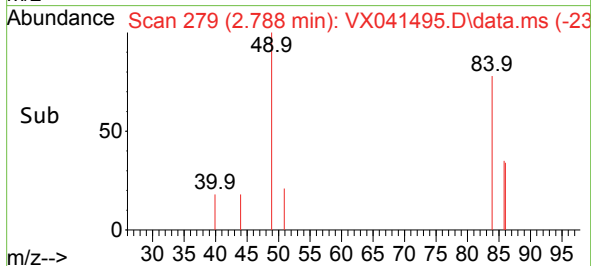
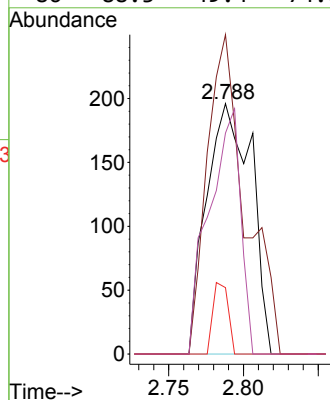
Ion Ratio Lower Upper

84 100

49 127.6 103.6 155.4

51 26.5 33.8 50.6#

86 88.3 49.4 74.0#



#25

2-Butanone

Concen: 17.708 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.012 min

Lab File: VX041495.D

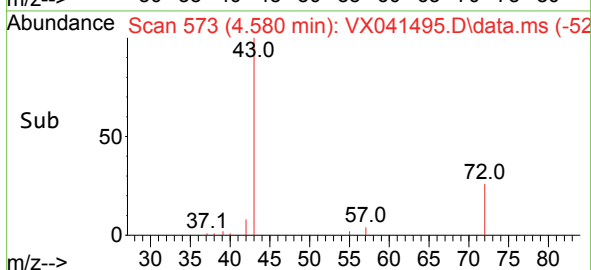
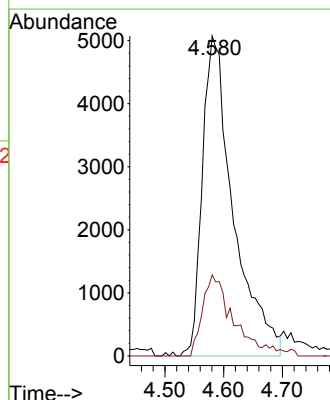
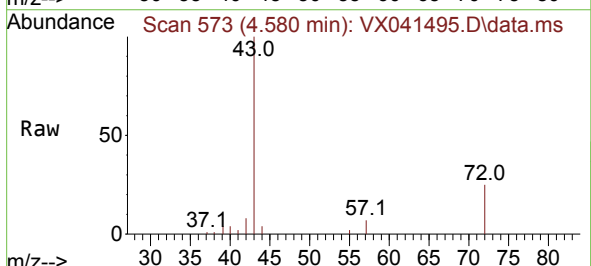
Acq: 13 May 2024 16:36

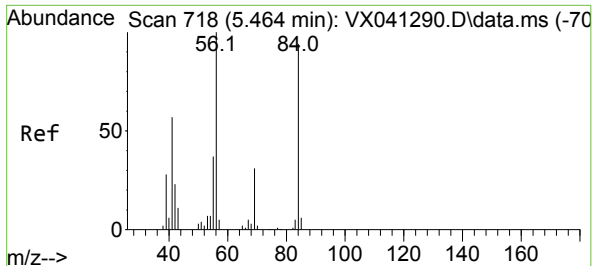
Tgt Ion: 43 Resp: 18595

Ion Ratio Lower Upper

43 100

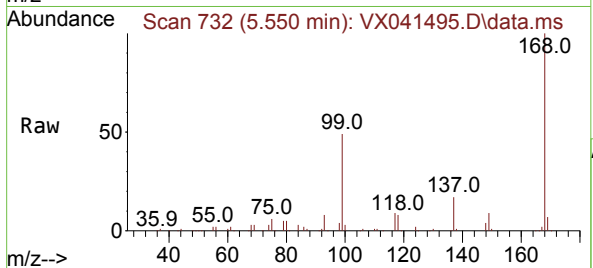
72 25.3 19.4 29.2



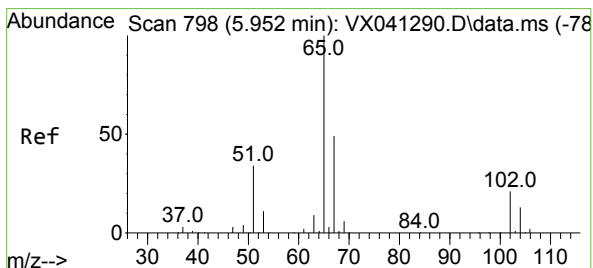
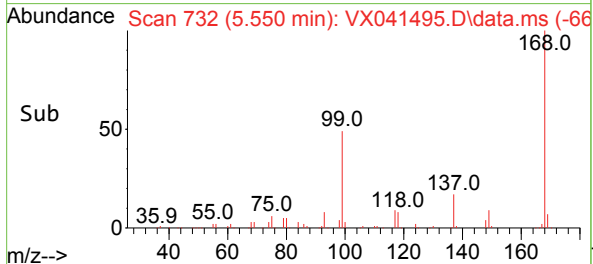
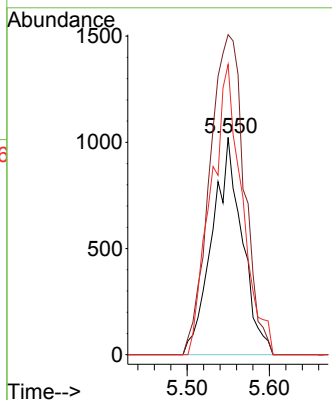


#31
Cyclohexane
Concen: 1.325 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX041495.D
Acq: 13 May 2024 16:36

Instrument :
MSVOA_X
ClientSampleId :

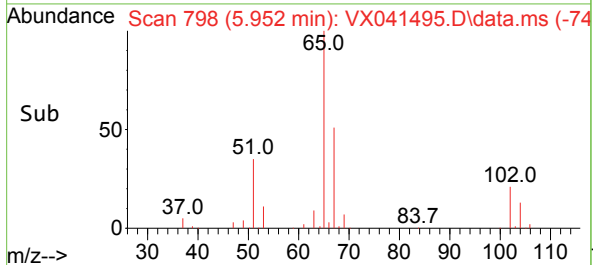
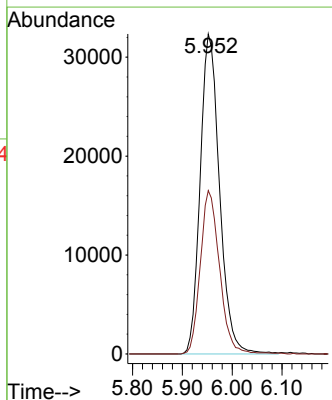
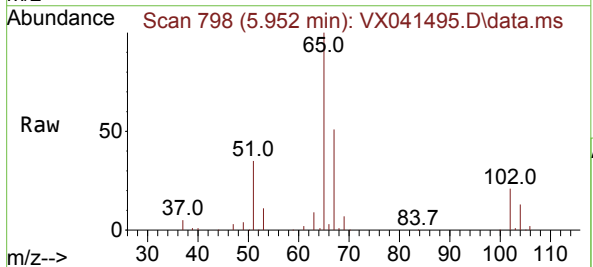


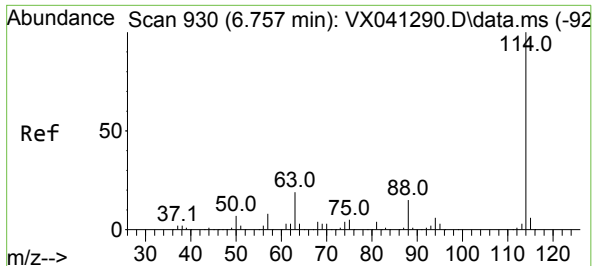
Tgt Ion: 56 Resp: 2594
Ion Ratio Lower Upper
56 100
69 147.3 23.4 35.2#
84 133.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 53.741 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041495.D
Acq: 13 May 2024 16:36

Tgt Ion: 65 Resp: 87192
Ion Ratio Lower Upper
65 100
67 50.5 0.0 100.2

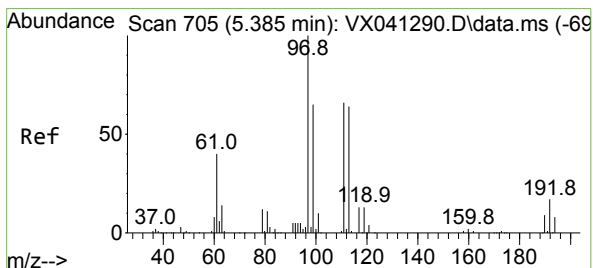
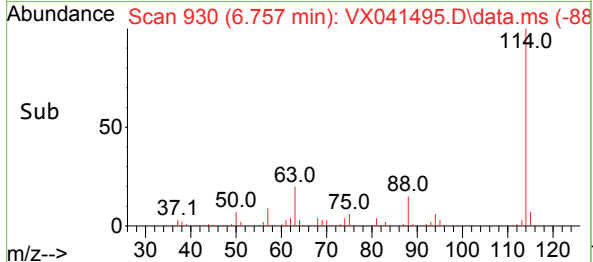
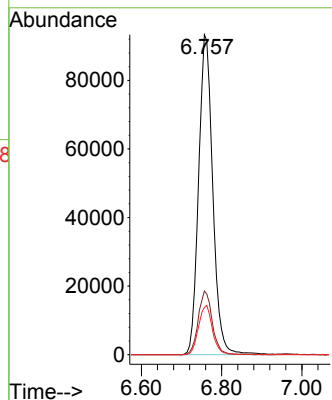
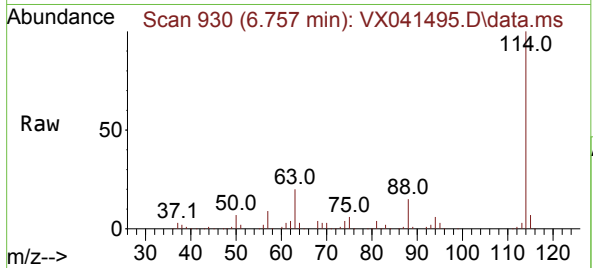




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX041495.D
Acq: 13 May 2024 16:36

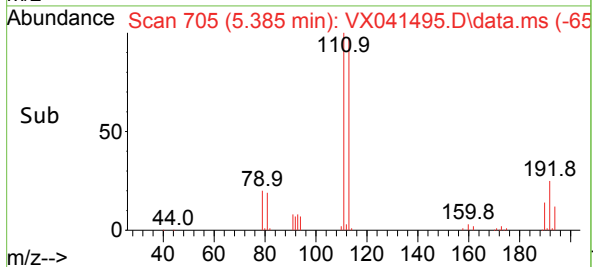
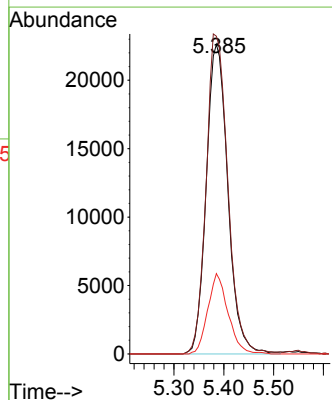
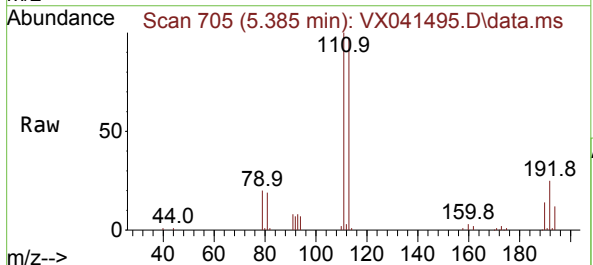
Instrument :
MSVOA_X
ClientSampleId :

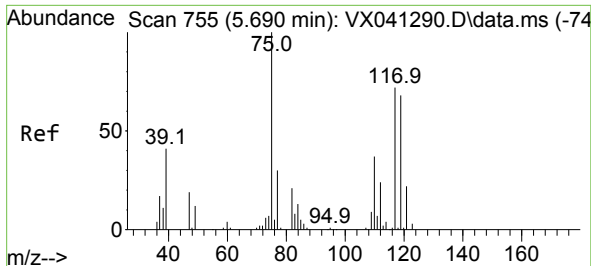
Tgt Ion:114 Resp: 228333
Ion Ratio Lower Upper
114 100
63 19.9 0.0 45.0
88 14.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.039 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041495.D
Acq: 13 May 2024 16:36

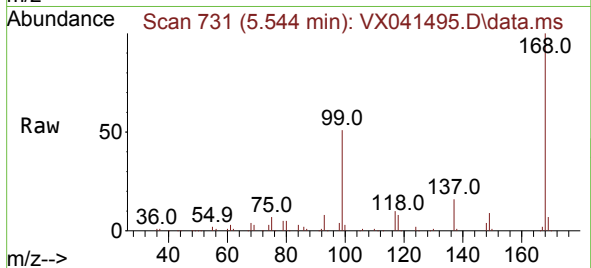
Tgt Ion:113 Resp: 68144
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 24.4 13.3 19.9#



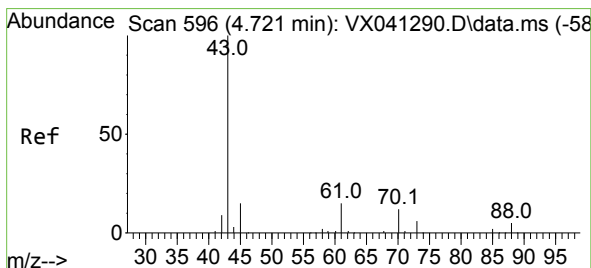
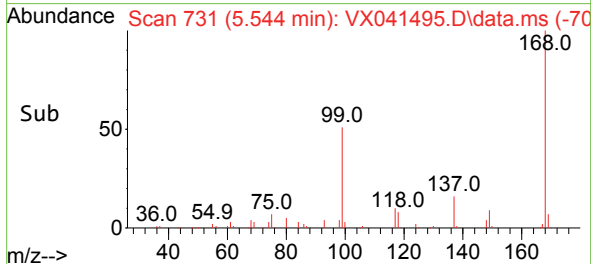
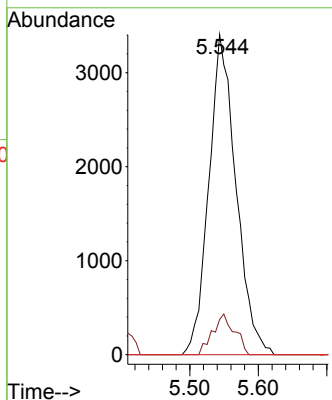


#36
1,1-Dichloropropene
Concen: 5.070 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX041495.D
Acq: 13 May 2024 16:36

Instrument :
MSVOA_X
ClientSampleId :

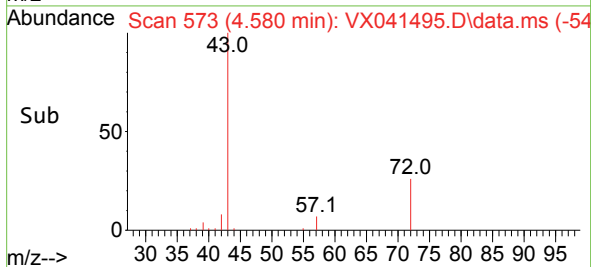
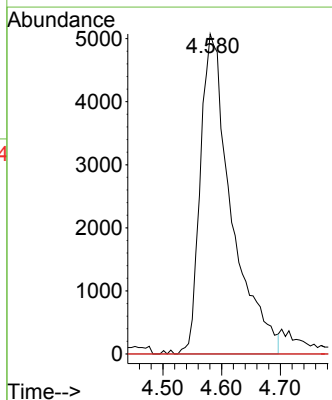
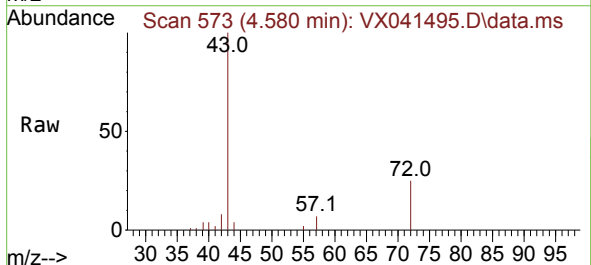


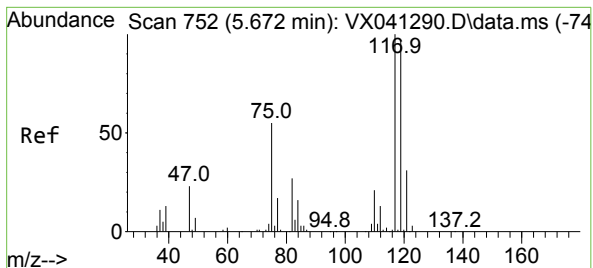
Tgt Ion: 75 Resp: 9380
Ion Ratio Lower Upper
75 100
110 10.2 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 8.055 ug/l
RT: 4.580 min Scan# 573
Delta R.T. -0.140 min
Lab File: VX041495.D
Acq: 13 May 2024 16:36

Tgt Ion: 43 Resp: 18595
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.3 12.5#





#38

Carbon Tetrachloride

Concen: 6.216 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.128 min

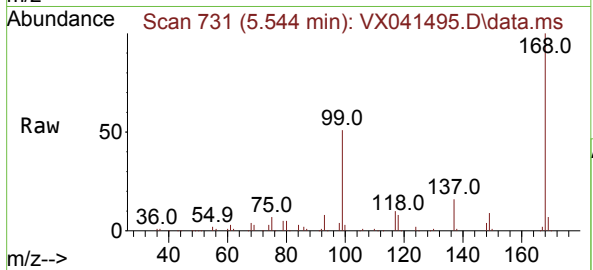
Lab File: VX041495.D

Acq: 13 May 2024 16:36

Instrument :

MSVOA_X

ClientSampleId :



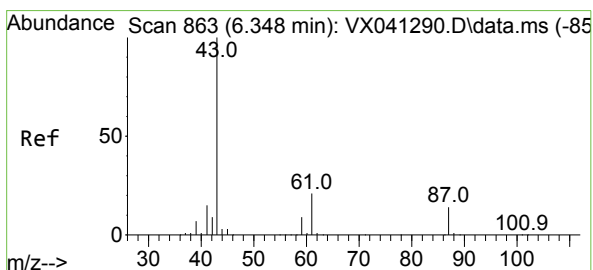
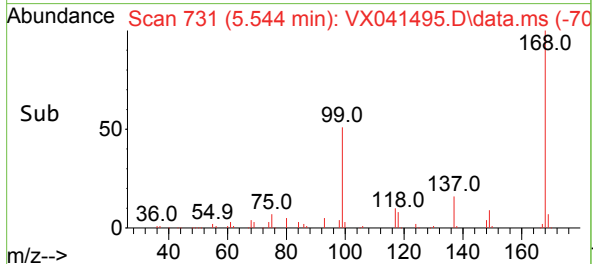
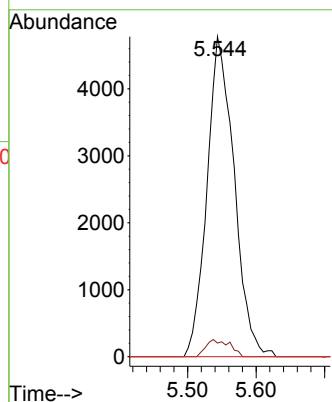
Tgt Ion:117 Resp: 13175

Ion Ratio Lower Upper

117 100

119 4.3 78.2 117.2#

121 0.0 24.4 36.6#



#43

Isopropyl Acetate

Concen: 0.226 ug/l

RT: 6.373 min Scan# 867

Delta R.T. 0.024 min

Lab File: VX041495.D

Acq: 13 May 2024 16:36

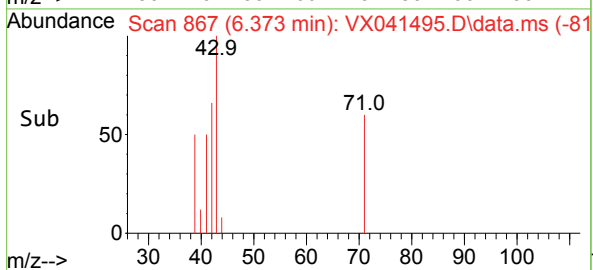
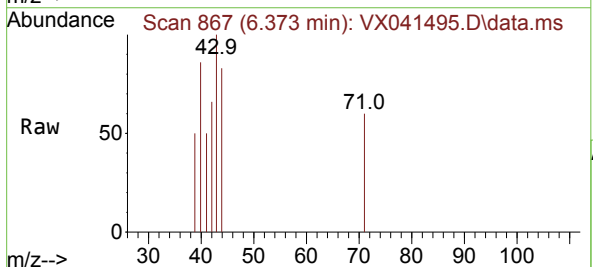
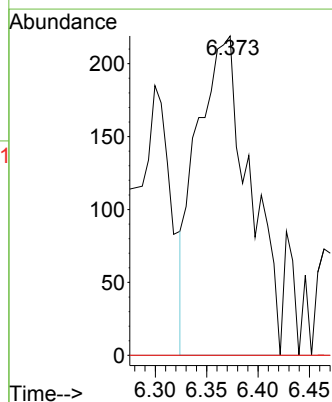
Tgt Ion: 43 Resp: 783

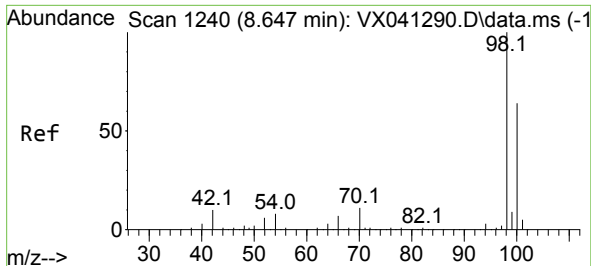
Ion Ratio Lower Upper

43 100

61 0.0 15.2 22.8#

87 0.0 9.8 14.6#

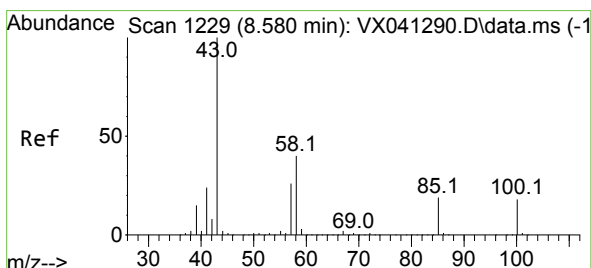
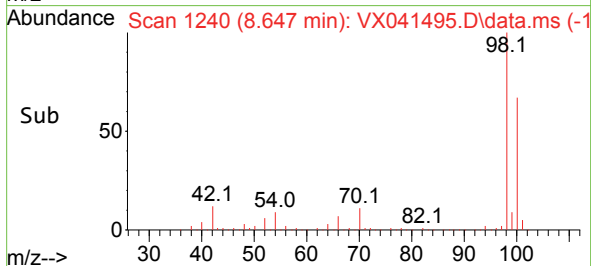
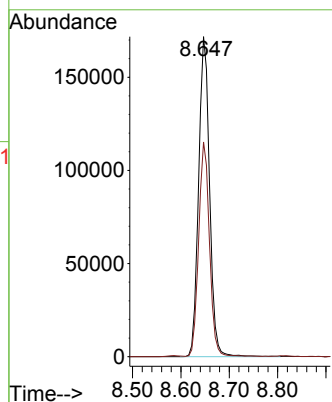
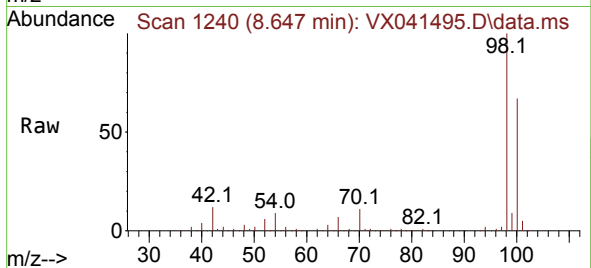




#50
Toluene-d8
Concen: 54.996 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041495.D
Acq: 13 May 2024 16:36

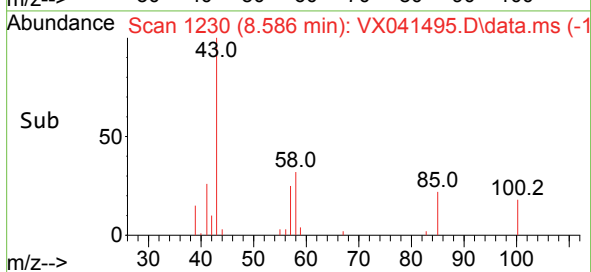
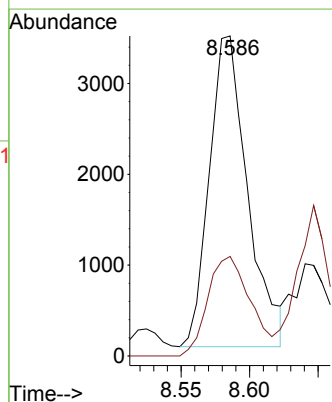
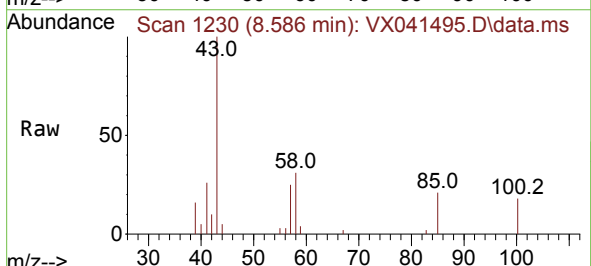
Instrument :
MSVOA_X
ClientSampleId :

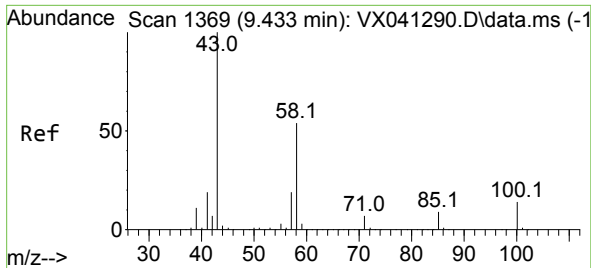
Tgt Ion: 98 Resp: 269343
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 3.196 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VX041495.D
Acq: 13 May 2024 16:36

Tgt Ion: 43 Resp: 6657
Ion Ratio Lower Upper
43 100
58 35.5 30.4 45.6

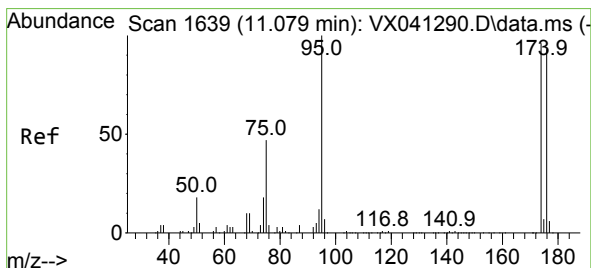
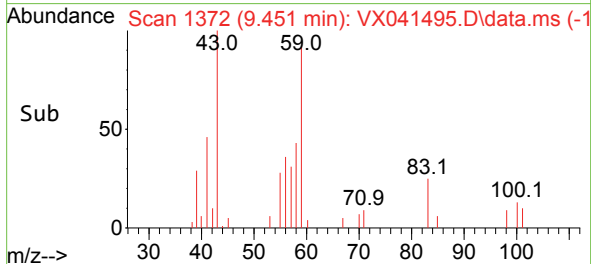
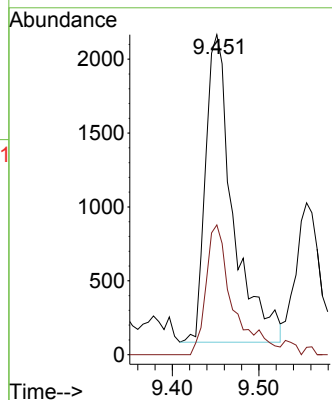
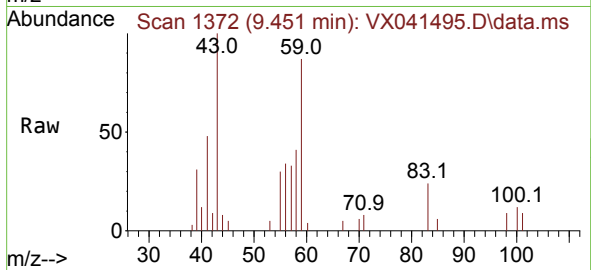




#59
2-Hexanone
Concen: 2.749 ug/l
RT: 9.451 min Scan# 1372
Delta R.T. 0.018 min
Lab File: VX041495.D
Acq: 13 May 2024 16:36

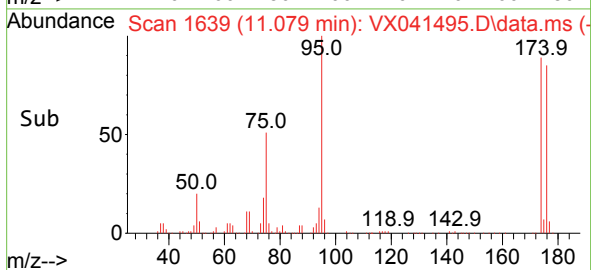
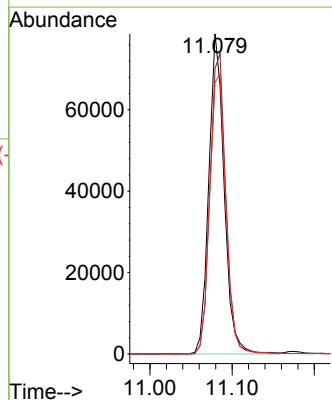
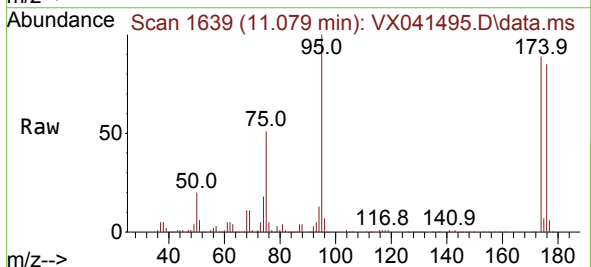
Instrument :
MSVOA_X
ClientSampleId :

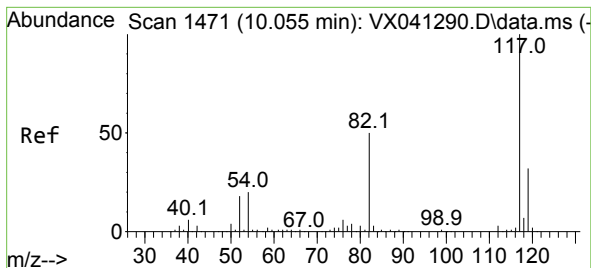
Tgt Ion: 43 Resp: 4578
Ion Ratio Lower Upper
43 100
58 41.3 26.2 78.5



#62
4-Bromofluorobenzene
Concen: 53.874 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041495.D
Acq: 13 May 2024 16:36

Tgt Ion: 95 Resp: 102136
Ion Ratio Lower Upper
95 100
174 97.0 0.0 135.6
176 92.5 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 14

Delta R.T. -0.000 min

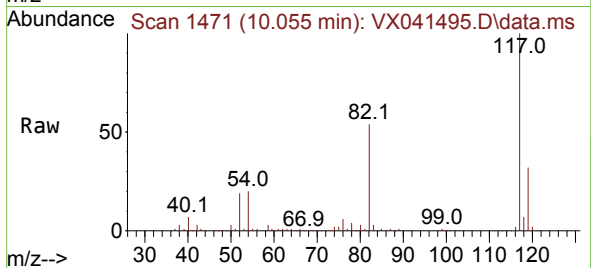
Lab File: VX041495.D

Acq: 13 May 2024 16:36

Instrument :

MSVOA_X

ClientSampleId :



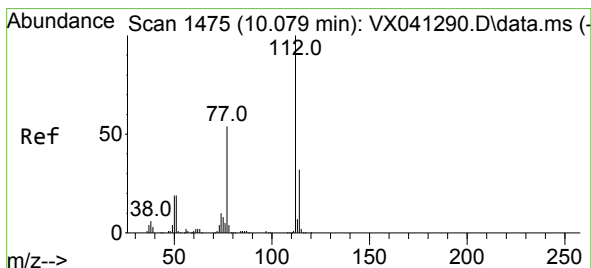
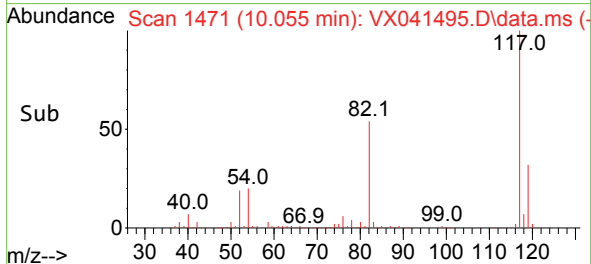
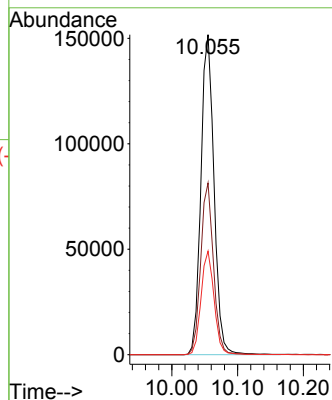
Tgt Ion:117 Resp: 210508

Ion Ratio Lower Upper

117 100

82 53.7 46.2 69.4

119 32.3 25.5 38.3



#65

Chlorobenzene

Concen: 0.584 ug/l

RT: 10.274 min Scan# 1507

Delta R.T. 0.195 min

Lab File: VX041495.D

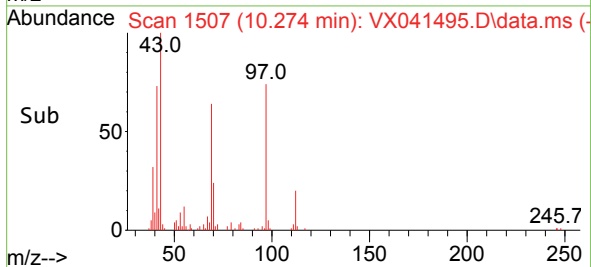
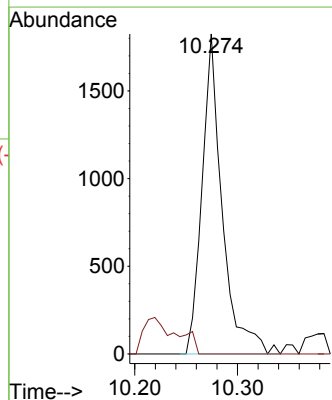
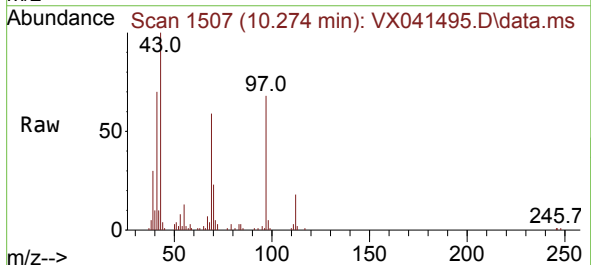
Acq: 13 May 2024 16:36

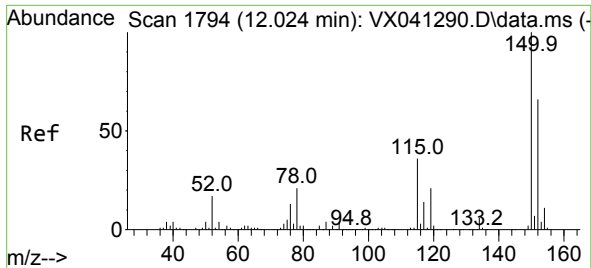
Tgt Ion:112 Resp: 2494

Ion Ratio Lower Upper

112 100

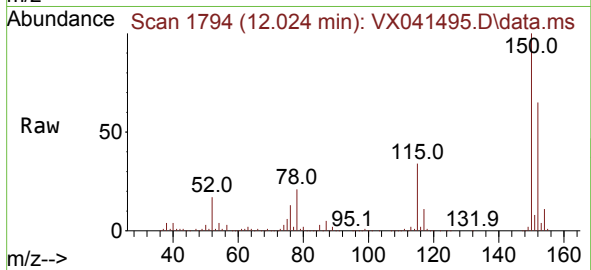
114 0.0 25.7 38.5#



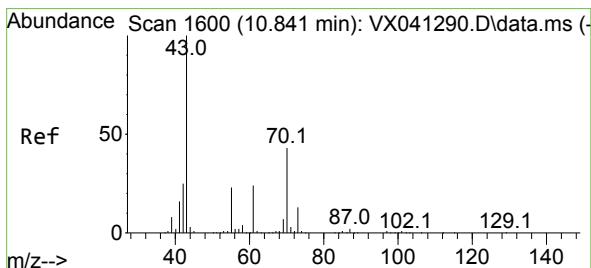
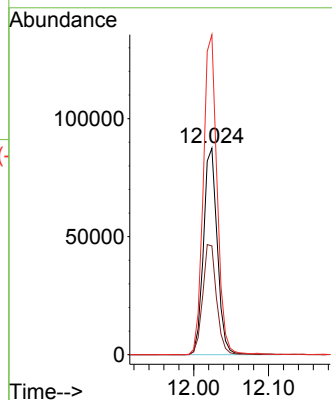
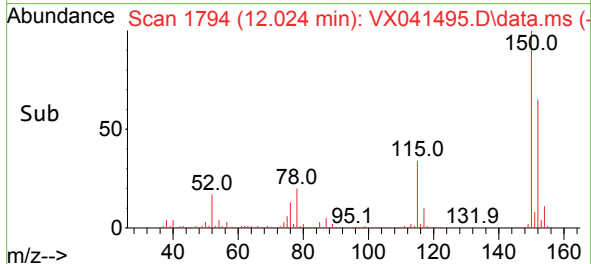


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041495.D
Acq: 13 May 2024 16:36

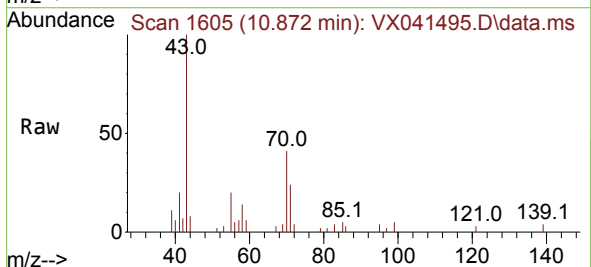
Instrument :
MSVOA_X
ClientSampleId :



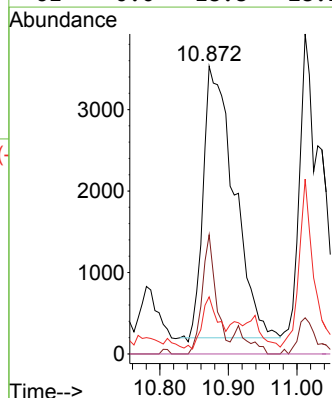
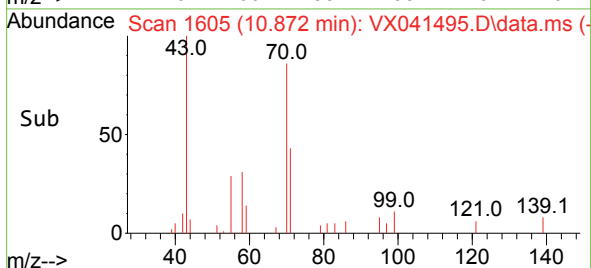
Tgt Ion:152 Resp: 112203
Ion Ratio Lower Upper
152 100
115 53.6 43.3 129.9
150 154.5 0.0 345.0

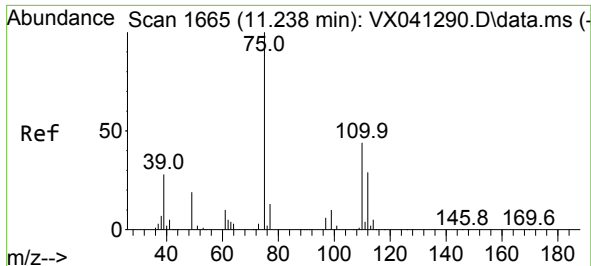


#74
N-ethyl acetate
Concen: 3.487 ug/l
RT: 10.872 min Scan# 1605
Delta R.T. 0.030 min
Lab File: VX041495.D
Acq: 13 May 2024 16:36



Tgt Ion: 43 Resp: 10434
Ion Ratio Lower Upper
43 100
70 20.2 32.9 49.3#
55 9.9 19.3 28.9#
61 0.0 18.8 28.2#

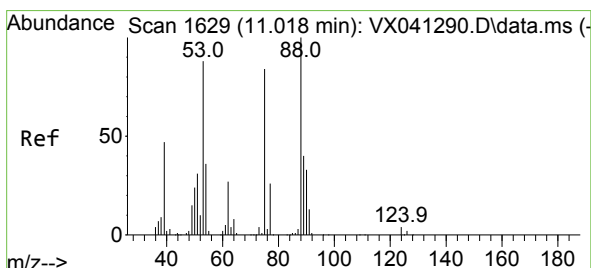
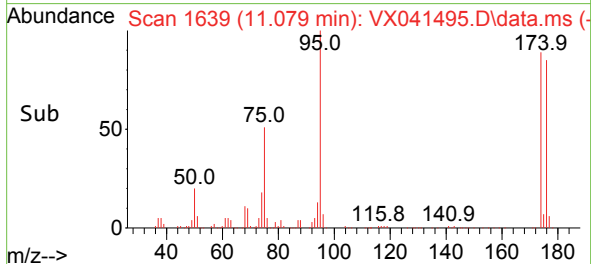
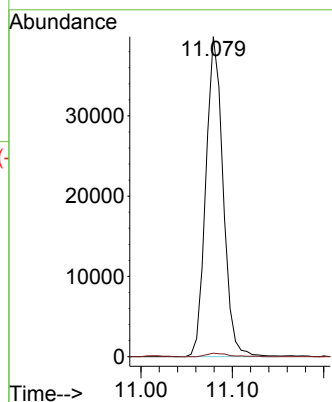
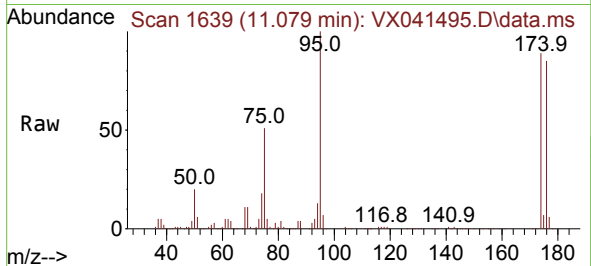




#76
1,2,3-Trichloropropane
Concen: 28.519 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX041495.D
Acq: 13 May 2024 16:36

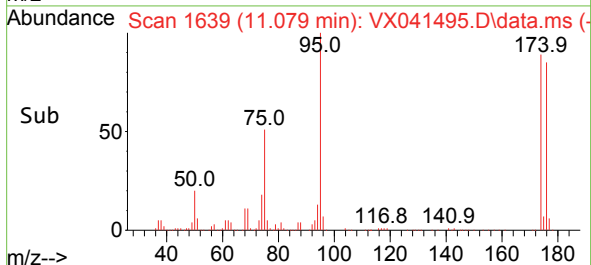
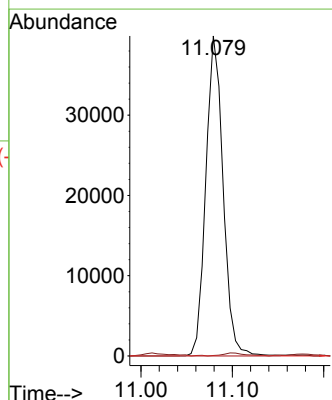
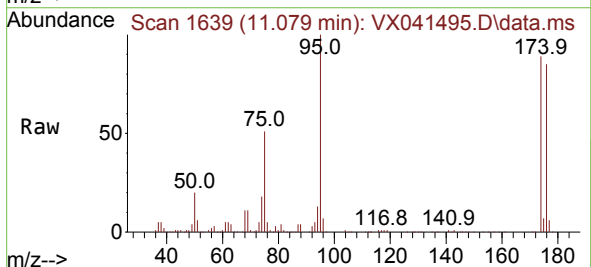
Instrument :
MSVOA_X
ClientSampleId :

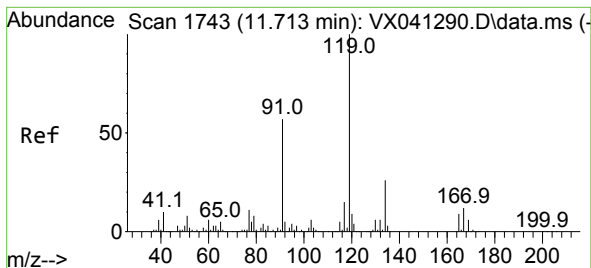
Tgt Ion: 75 Resp: 52149
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.683 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX041495.D
Acq: 13 May 2024 16:36

Tgt Ion: 75 Resp: 52149
Ion Ratio Lower Upper
75 100
53 1.3 90.5 135.7#
89 0.0 36.9 55.3#





#83

tert-Butylbenzene

Concen: 1.111 ug/l

RT: 11.713 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX041495.D

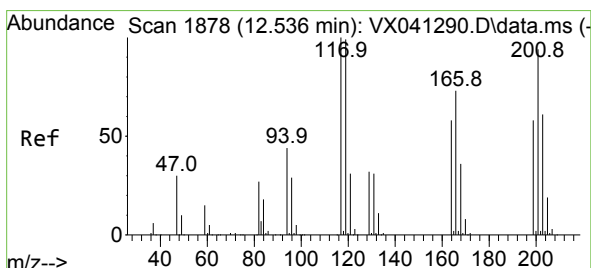
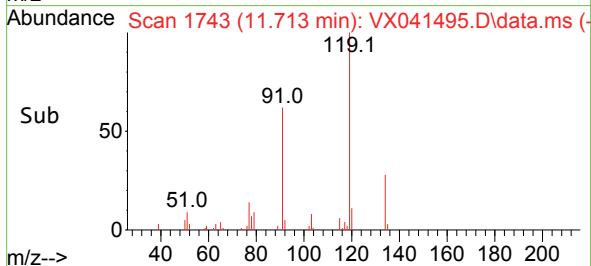
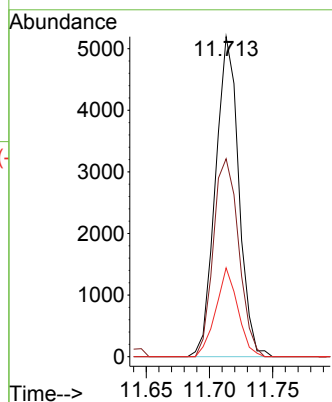
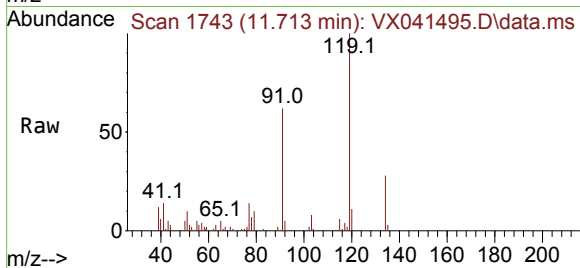
Acq: 13 May 2024 16:36

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	119	Resp:	6643
Ion	Ratio	Lower	Upper
119	100		
91	67.3	31.2	93.6
134	26.3	11.7	35.0



#90

Hexachloroethane

Concen: 0.563 ug/l

RT: 12.701 min Scan# 1905

Delta R.T. 0.165 min

Lab File: VX041495.D

Acq: 13 May 2024 16:36

Tgt Ion:	117	Resp:	579
Ion	Ratio	Lower	Upper
117	100		
201	0.0	32.9	98.6#

