

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062124\
 Data File : VX041985.D
 Acq On : 21 Jun 2024 17:10
 Operator : JC/MD
 Sample : P3002-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 22 04:44:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

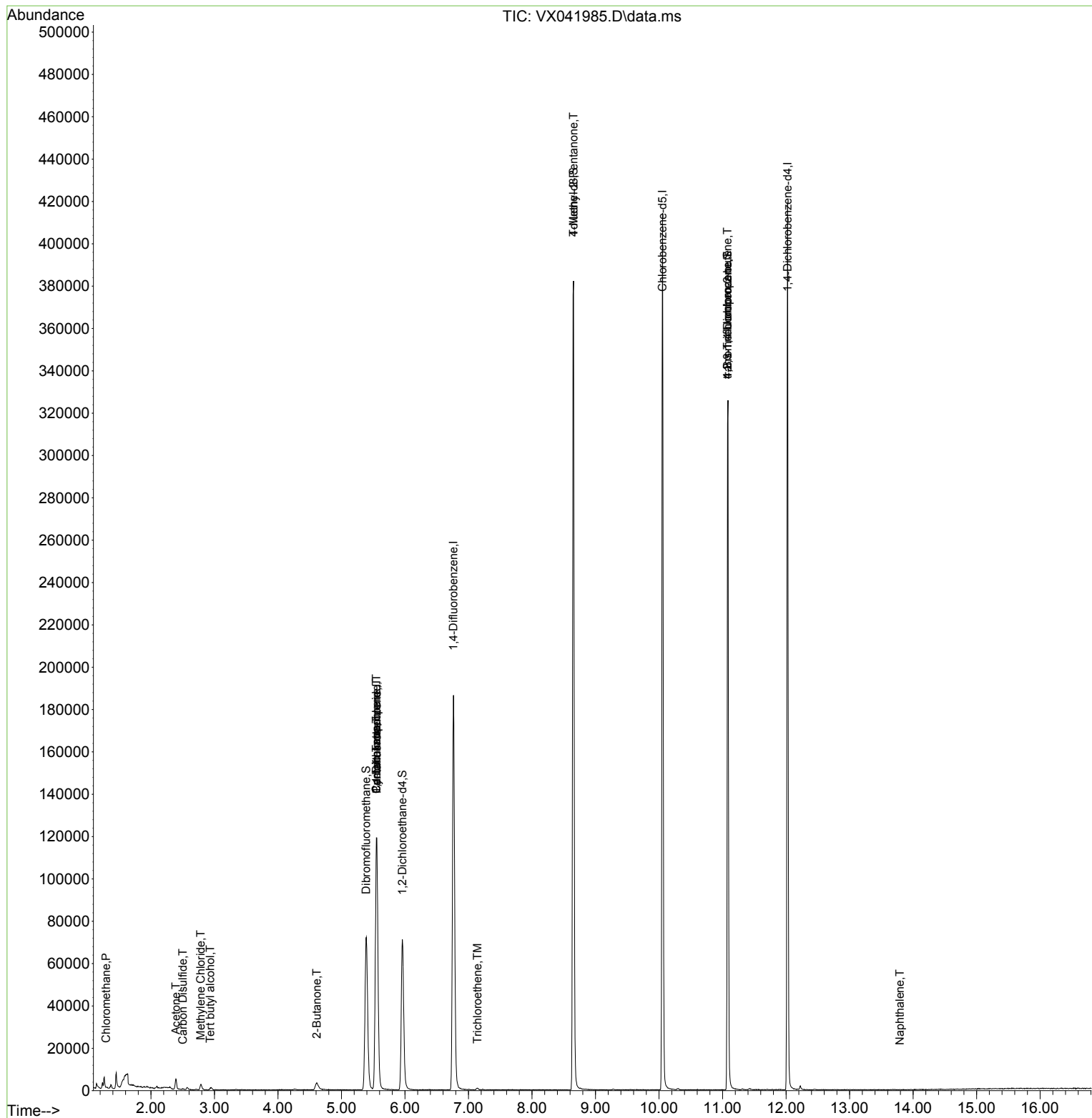
Internal Standards						
1) Pentafluorobenzene	5.556	168	131549	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	204560	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96451	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67914	44.771	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.540%
35) Dibromofluoromethane	5.385	113	64212	44.240	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.480%
50) Toluene-d8	8.653	98	243556	47.765	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.520%
62) 4-Bromofluorobenzene	11.079	95	88311	46.983	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.960%
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	359	0.286	ug/l	# 43
6) Chloroethane	1.599	64	96	Below Cal		# 43
11) Tert butyl alcohol	2.934	59	801	2.782	ug/l	# 78
16) Acetone	2.391	43	5680	8.527	ug/l	92
17) Carbon Disulfide	2.501	76	625	0.270	ug/l	# 76
20) Methylene Chloride	2.782	84	1522	1.044	ug/l	92
25) 2-Butanone	4.611	43	776	0.749	ug/l	# 51
31) Cyclohexane	5.549	56	1868	1.053	ug/l	# 1
36) 1,1-Dichloropropene	5.549	75	7956	5.162	ug/l	# 51
38) Carbon Tetrachloride	5.549	117	11134	6.538	ug/l	# 17
44) Trichloroethene	7.141	130	406	0.291	ug/l	58
51) 4-Methyl-2-Pentanone	8.653	43	961	0.453	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	40385	23.064	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	40385	65.501	ug/l	# 5
95) Naphthalene	13.792	128	70	0.758	ug/l	# 69

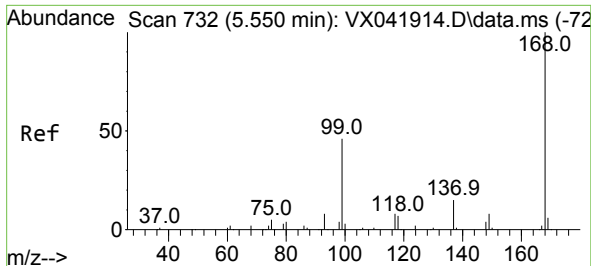
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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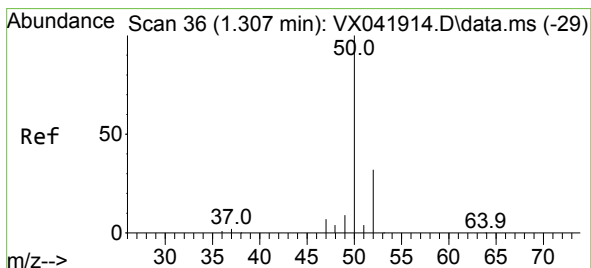
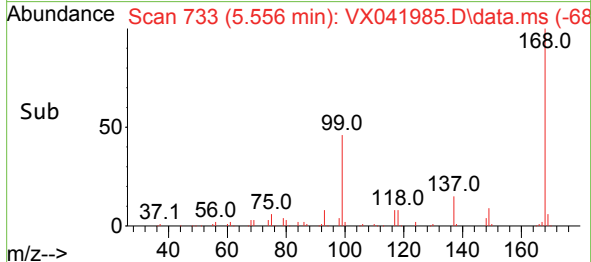
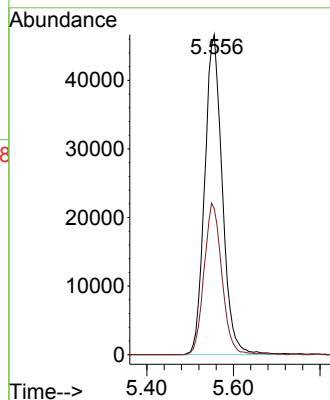
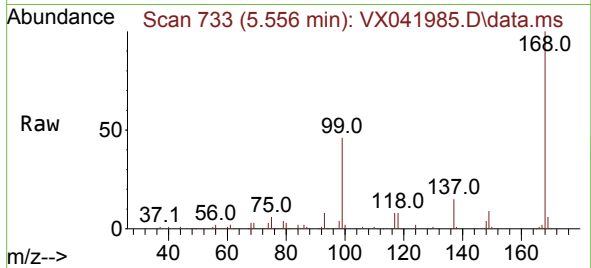




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX041985.D
Acq: 21 Jun 2024 17:10

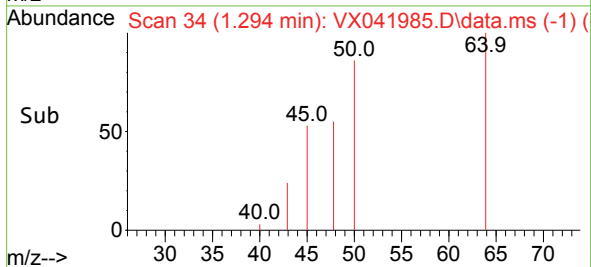
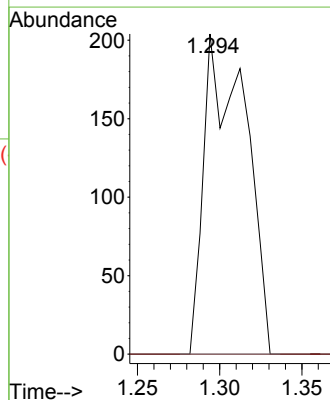
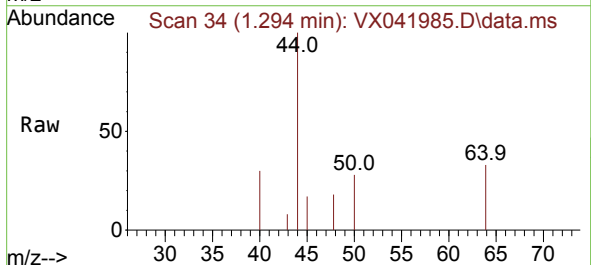
Instrument :
MSVOA_X
ClientSampleId :

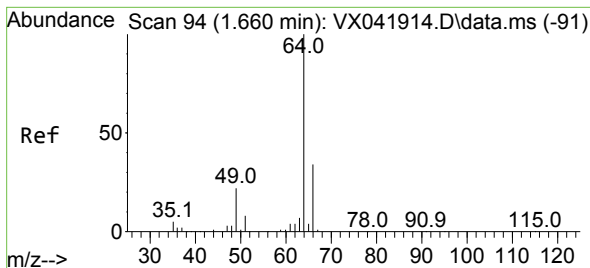
Tgt Ion:168 Resp: 131549
Ion Ratio Lower Upper
168 100
99 45.6 56.6 85.0#



#3
Chloromethane
Concen: 0.286 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.012 min
Lab File: VX041985.D
Acq: 21 Jun 2024 17:10

Tgt Ion: 50 Resp: 359
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#





#6

Chloroethane

Concen: Below Cal

RT: 1.599 min Scan# 84

Delta R.T. -0.061 min

Lab File: VX041985.D

Acq: 21 Jun 2024 17:10

Instrument :

MSVOA_X

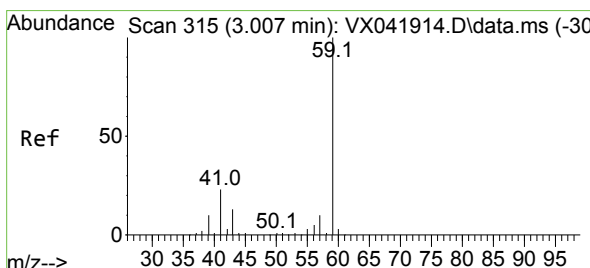
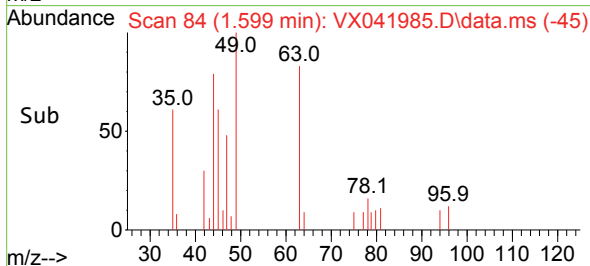
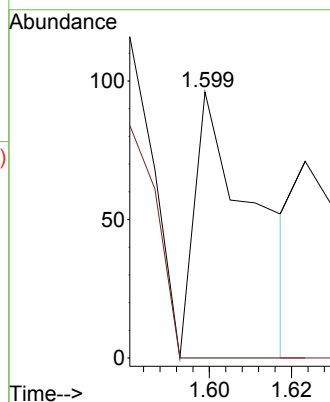
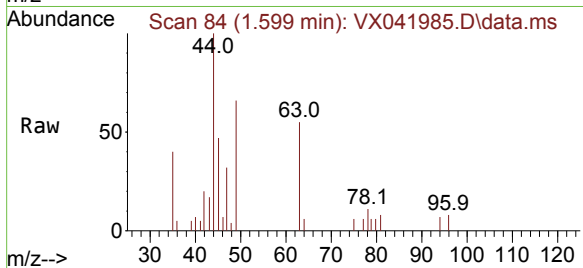
ClientSampleId :

Tgt Ion: 64 Resp: 96

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#



#11

Tert butyl alcohol

Concen: 2.782 ug/l

RT: 2.934 min Scan# 303

Delta R.T. -0.073 min

Lab File: VX041985.D

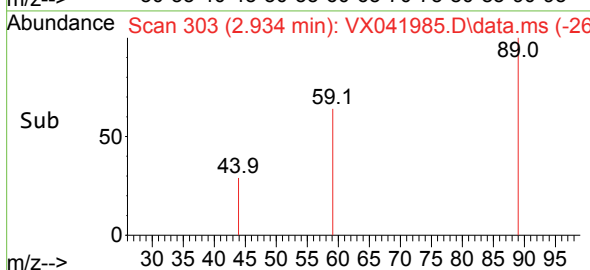
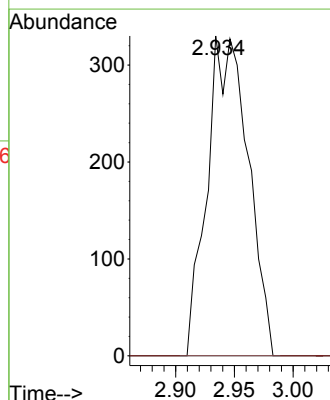
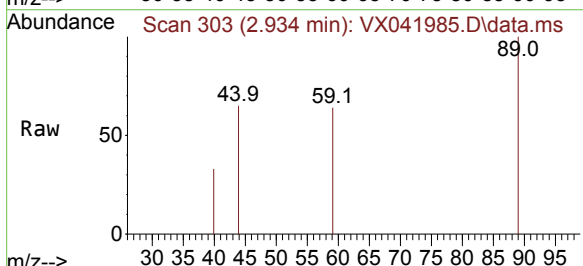
Acq: 21 Jun 2024 17:10

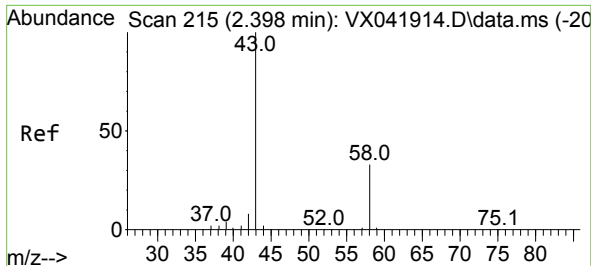
Tgt Ion: 59 Resp: 801

Ion Ratio Lower Upper

59 100

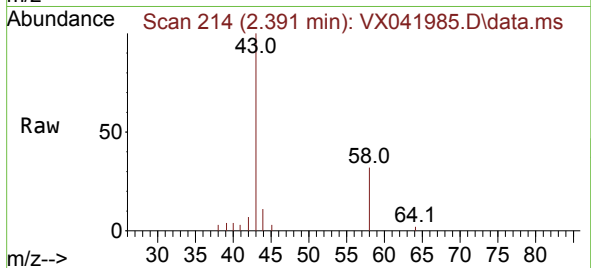
57 0.0 6.0 9.0#



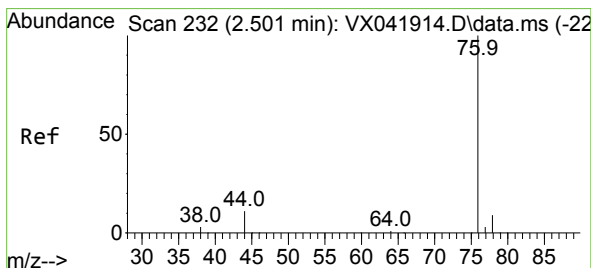
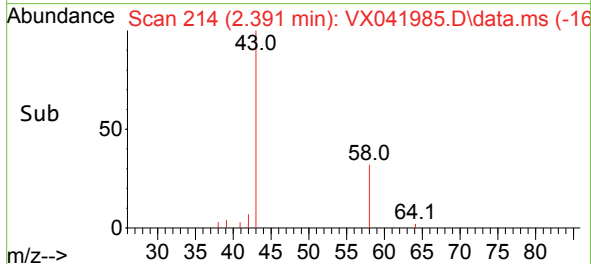
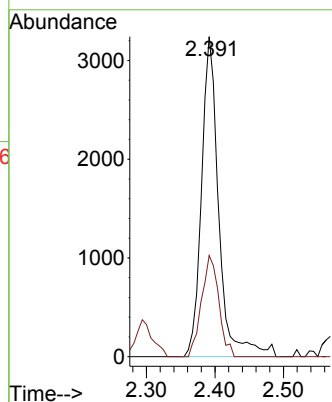


#16
Acetone
Concen: 8.527 ug/l
RT: 2.391 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX041985.D
Acq: 21 Jun 2024 17:10

Instrument :
MSVOA_X
ClientSampleId :

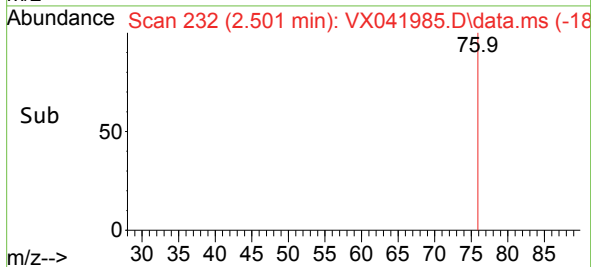
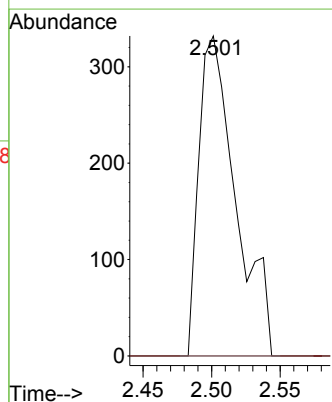
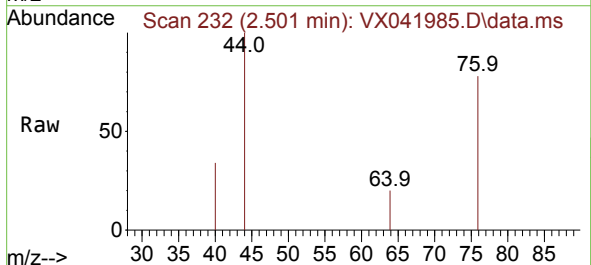


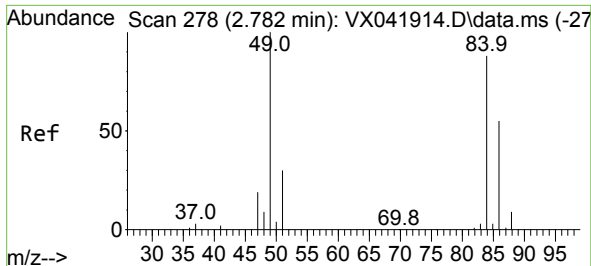
Tgt Ion: 43 Resp: 5680
Ion Ratio Lower Upper
43 100
58 31.6 21.9 32.9



#17
Carbon Disulfide
Concen: 0.270 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX041985.D
Acq: 21 Jun 2024 17:10

Tgt Ion: 76 Resp: 625
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#





#20

Methylene Chloride

Concen: 1.044 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.000 min

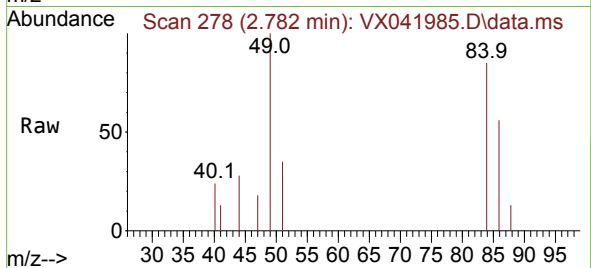
Lab File: VX041985.D

Acq: 21 Jun 2024 17:10

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 1522

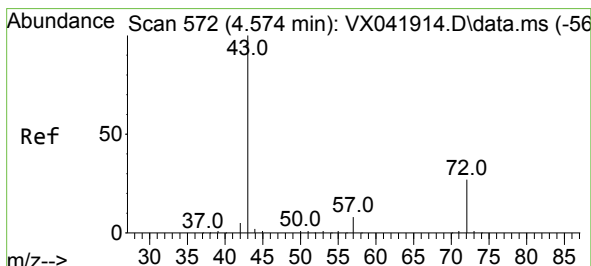
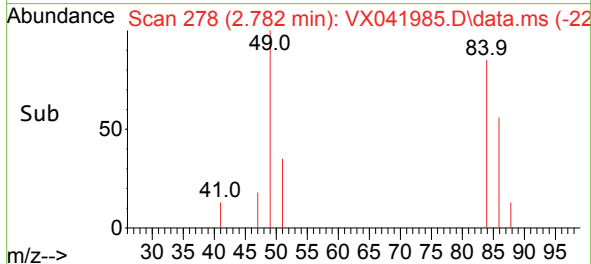
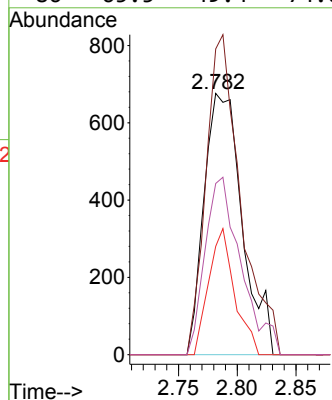
Ion Ratio Lower Upper

84 100

49 117.0 103.6 155.4

51 41.4 33.8 50.6

86 65.5 49.4 74.0



#25

2-Butanone

Concen: 0.749 ug/l

RT: 4.611 min Scan# 578

Delta R.T. 0.036 min

Lab File: VX041985.D

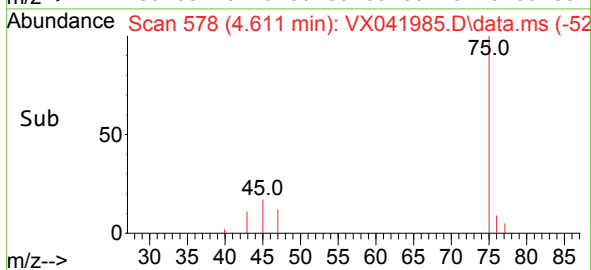
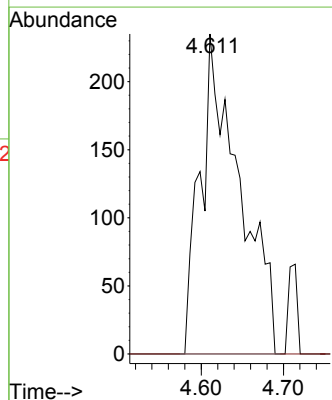
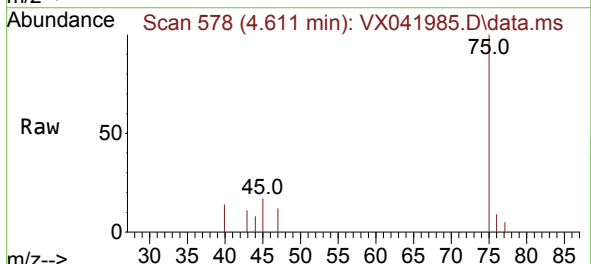
Acq: 21 Jun 2024 17:10

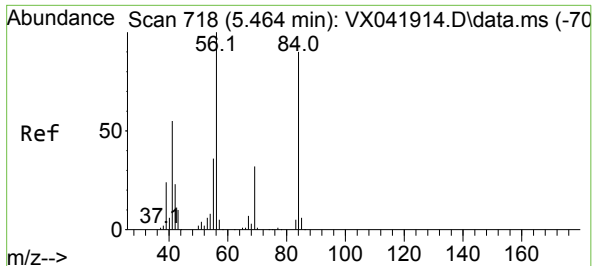
Tgt Ion: 43 Resp: 776

Ion Ratio Lower Upper

43 100

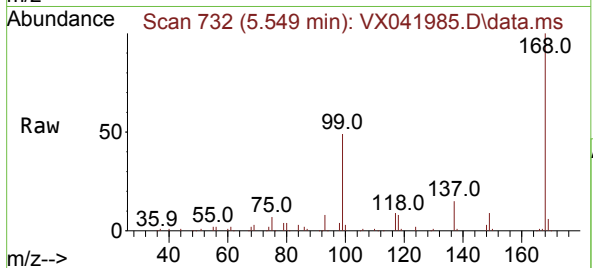
72 0.0 19.4 29.2#



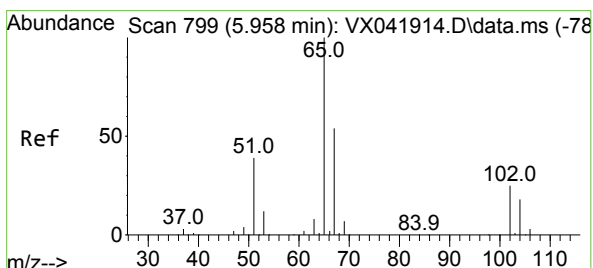
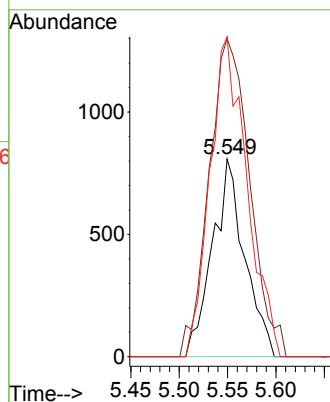
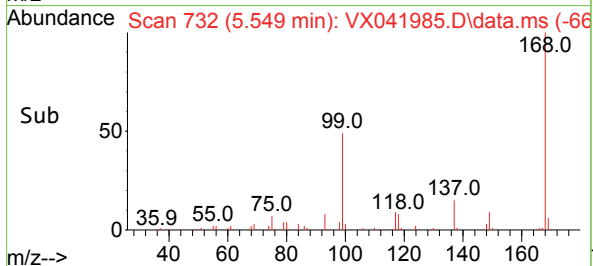


#31
Cyclohexane
Concen: 1.053 ug/l
RT: 5.549 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX041985.D
Acq: 21 Jun 2024 17:10

Instrument :
MSVOA_X
ClientSampleId :

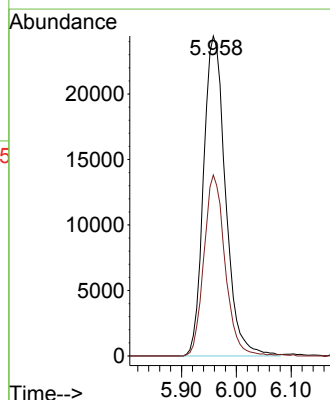
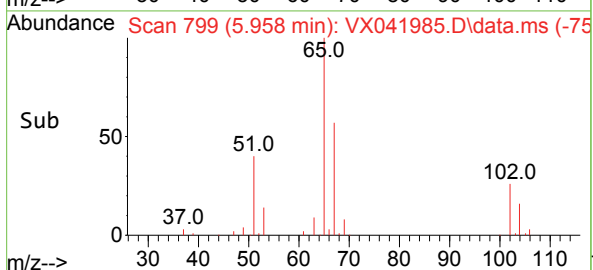
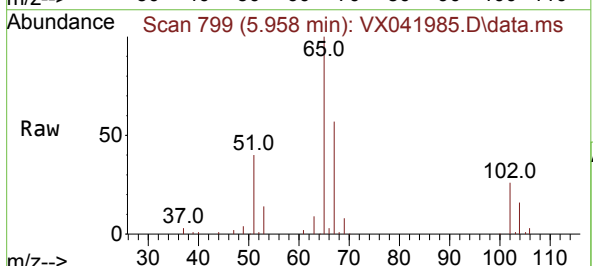


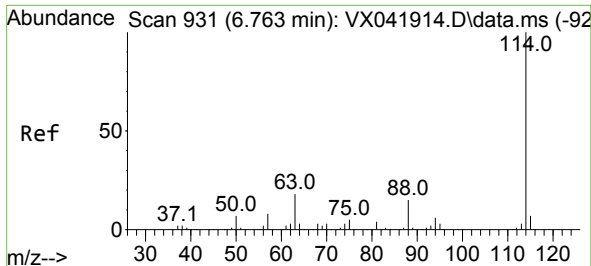
Tgt Ion: 56 Resp: 1868
Ion Ratio Lower Upper
56 100
69 161.0 23.4 35.2#
84 161.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.771 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX041985.D
Acq: 21 Jun 2024 17:10

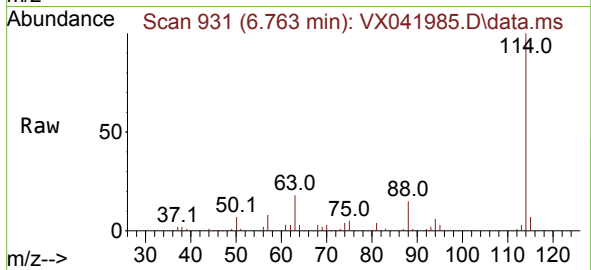
Tgt Ion: 65 Resp: 67914
Ion Ratio Lower Upper
65 100
67 54.4 0.0 100.2



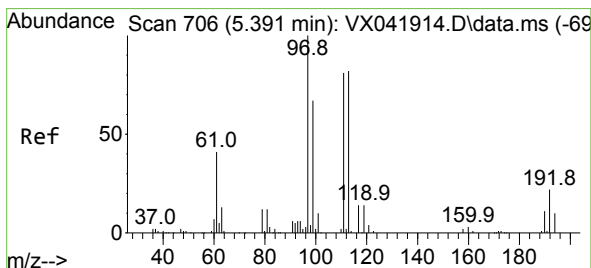
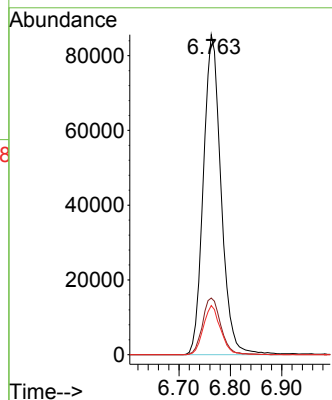
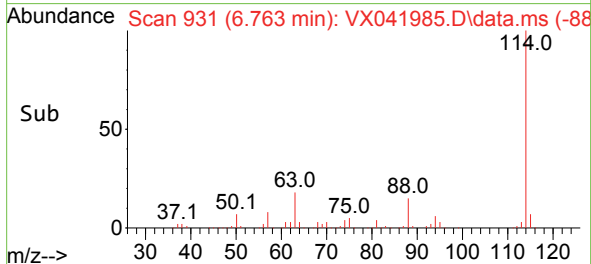


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX041985.D
Acq: 21 Jun 2024 17:10

Instrument :
MSVOA_X
ClientSampleId :

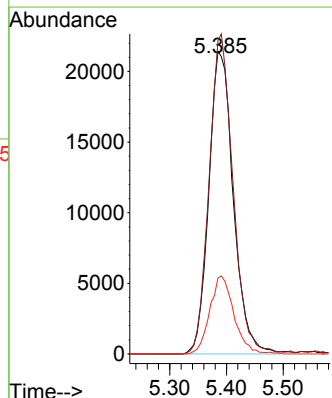
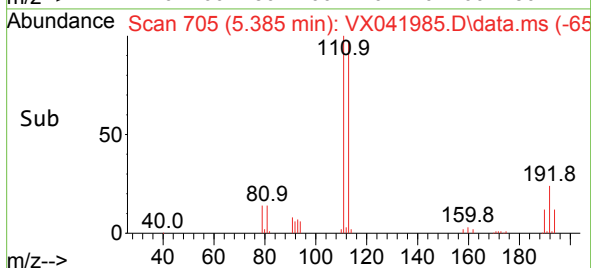
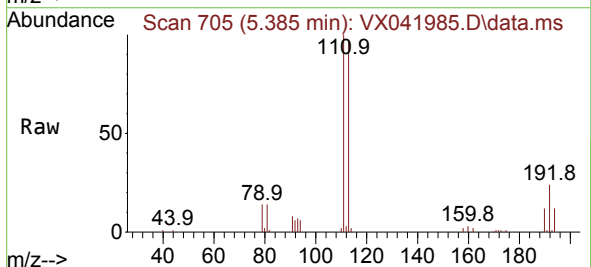


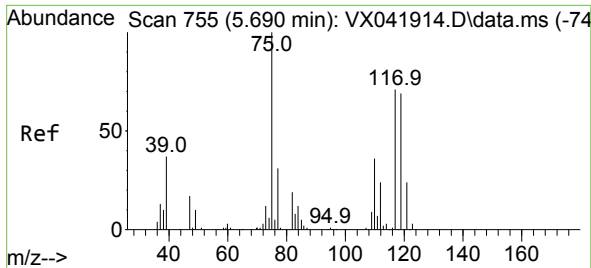
Tgt Ion:114 Resp: 204560
Ion Ratio Lower Upper
114 100
63 17.7 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.240 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX041985.D
Acq: 21 Jun 2024 17:10

Tgt Ion:113 Resp: 64212
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 25.4 13.3 19.9#

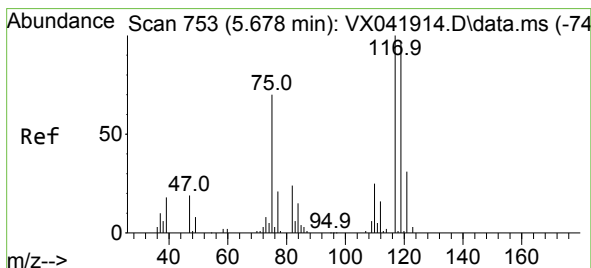
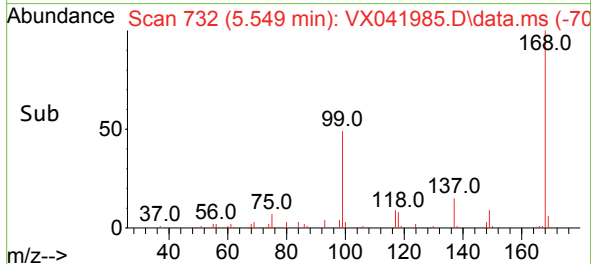
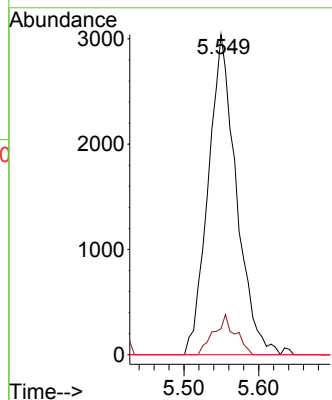
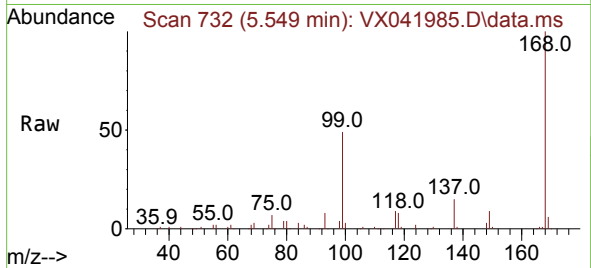




#36
1,1-Dichloropropene
Concen: 5.162 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX041985.D
Acq: 21 Jun 2024 17:10

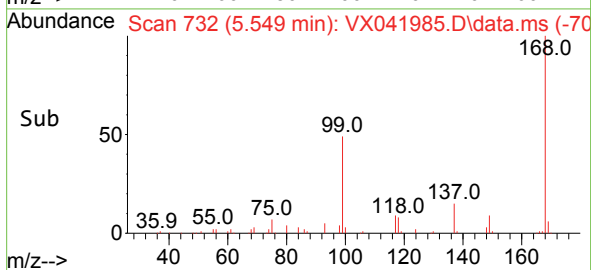
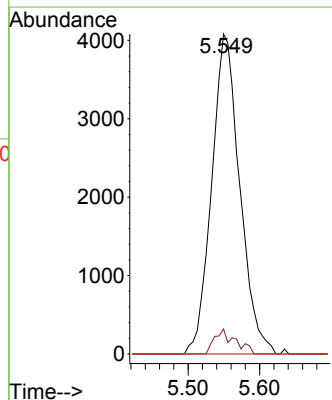
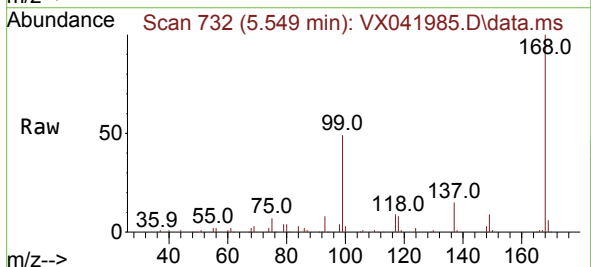
Instrument :
MSVOA_X
ClientSampleId :

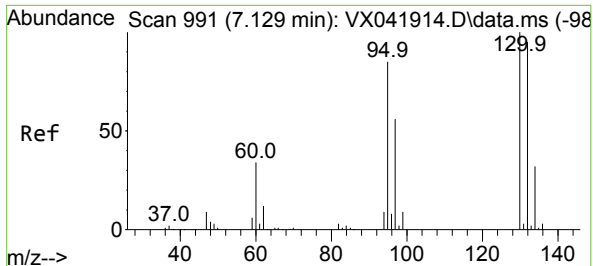
Tgt Ion: 75 Resp: 7956
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.538 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX041985.D
Acq: 21 Jun 2024 17:10

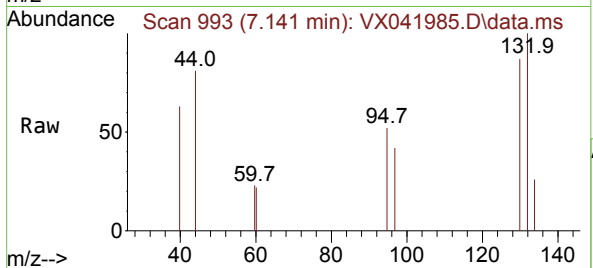
Tgt Ion: 117 Resp: 11134
Ion Ratio Lower Upper
117 100
119 7.8 78.2 117.2#
121 0.0 24.4 36.6#



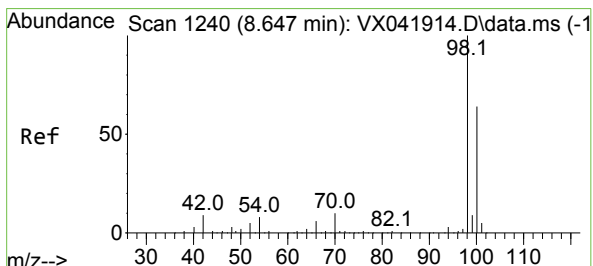
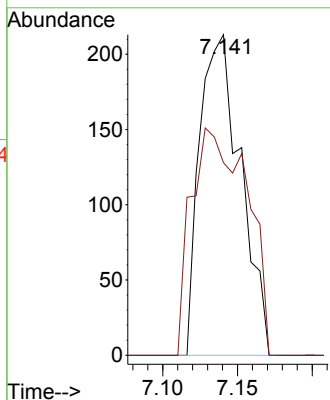
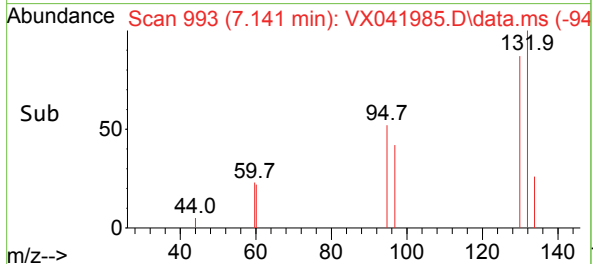


#44
Trichloroethene
Concen: 0.291 ug/l
RT: 7.141 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX041985.D
Acq: 21 Jun 2024 17:10

Instrument :
MSVOA_X
ClientSampleId :

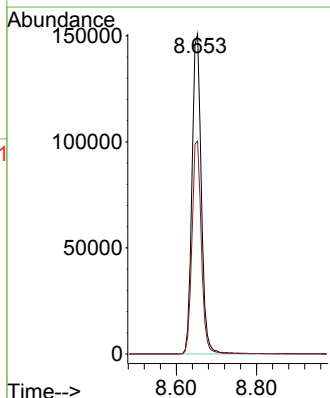
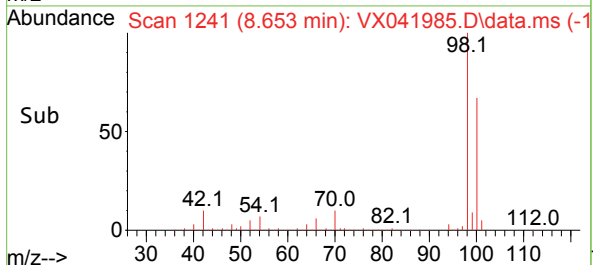
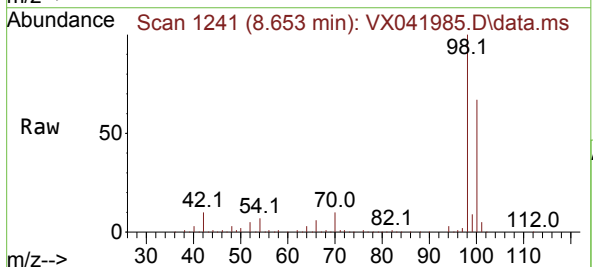


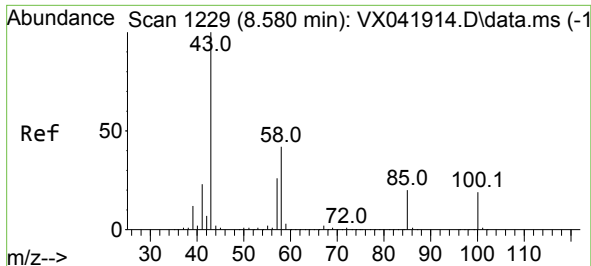
Tgt Ion:130 Resp: 406
Ion Ratio Lower Upper
130 100
95 60.1 0.0 204.4



#50
Toluene-d8
Concen: 47.765 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX041985.D
Acq: 21 Jun 2024 17:10

Tgt Ion: 98 Resp: 243556
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7

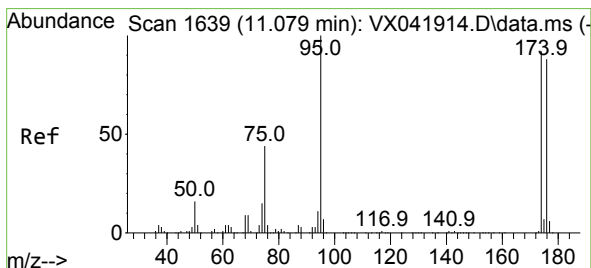
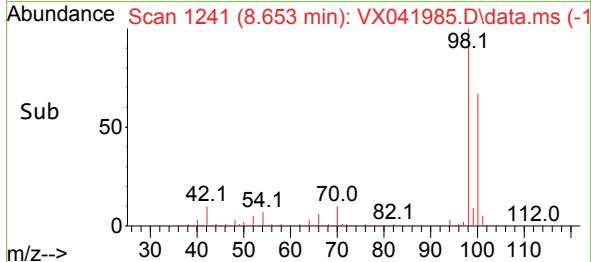
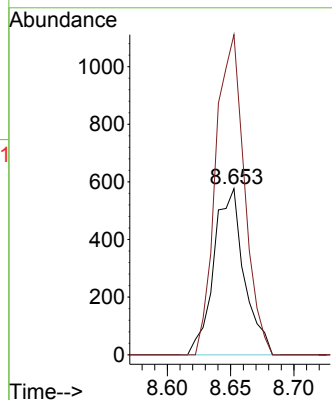
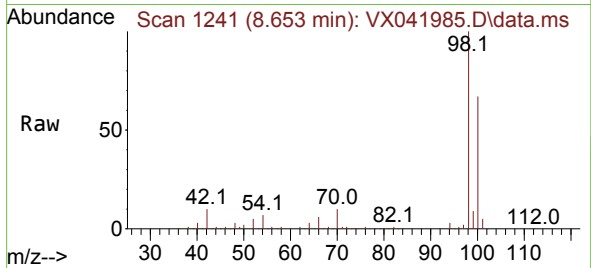




#51
4-Methyl-2-Pentanone
Concen: 0.453 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX041985.D
Acq: 21 Jun 2024 17:10

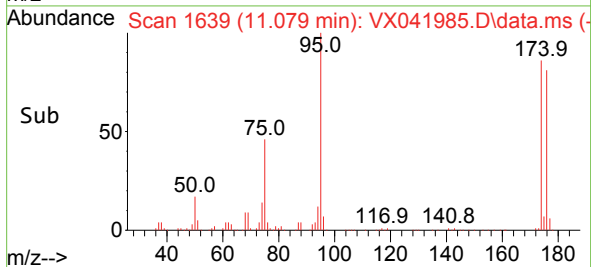
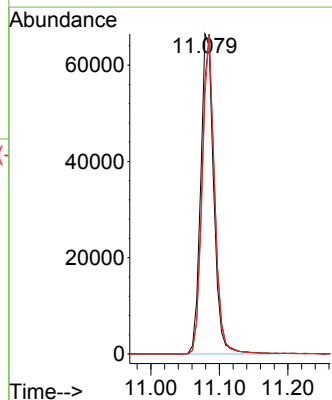
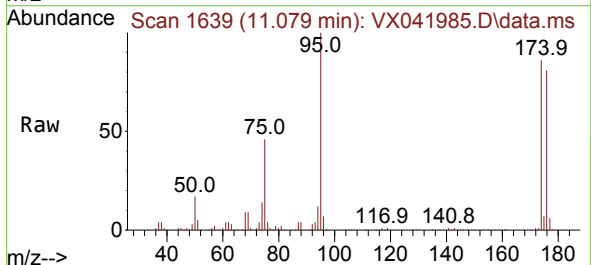
Instrument :
MSVOA_X
ClientSampleId :

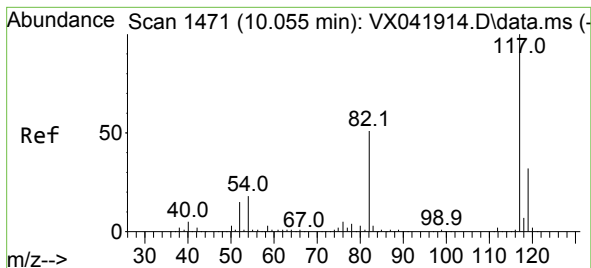
Tgt Ion: 43 Resp: 961
Ion Ratio Lower Upper
43 100
58 182.0 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 46.983 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041985.D
Acq: 21 Jun 2024 17:10

Tgt Ion: 95 Resp: 88311
Ion Ratio Lower Upper
95 100
174 96.6 0.0 135.6
176 93.3 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: VX041985.D

Acq: 21 Jun 2024 17:10

Instrument :

MSVOA_X

ClientSampleId :

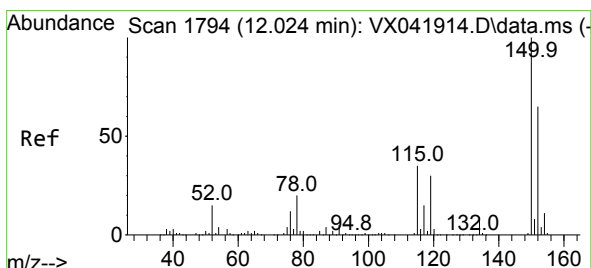
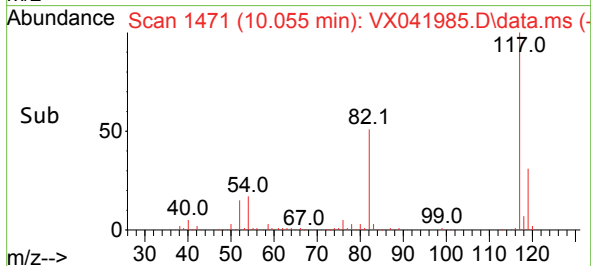
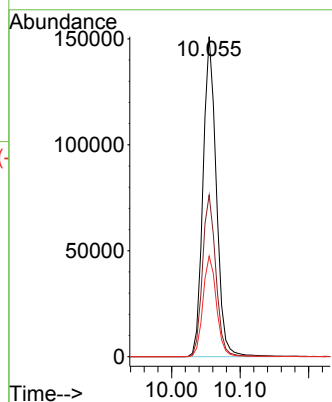
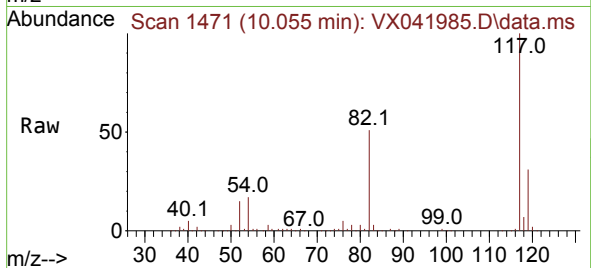
Tgt Ion:117 Resp: 204553

Ion Ratio Lower Upper

117 100

82 50.5 46.2 69.4

119 31.4 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: VX041985.D

Acq: 21 Jun 2024 17:10

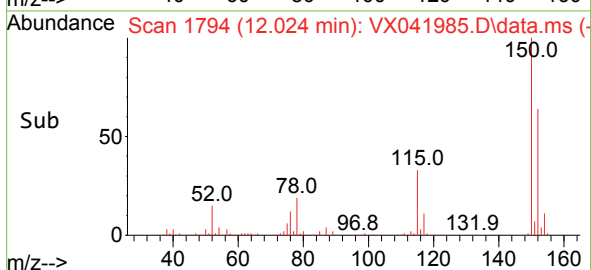
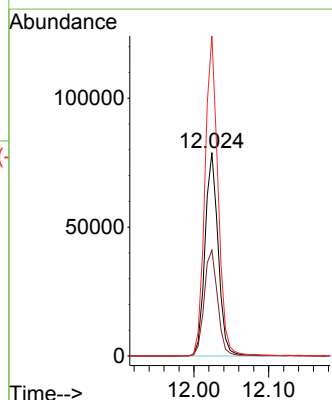
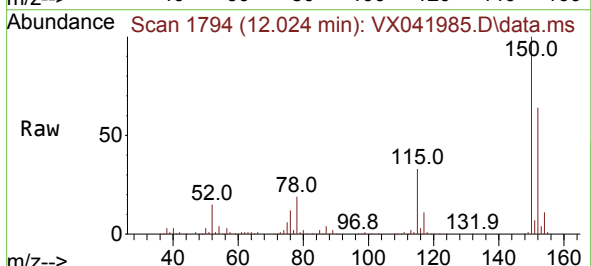
Tgt Ion:152 Resp: 96451

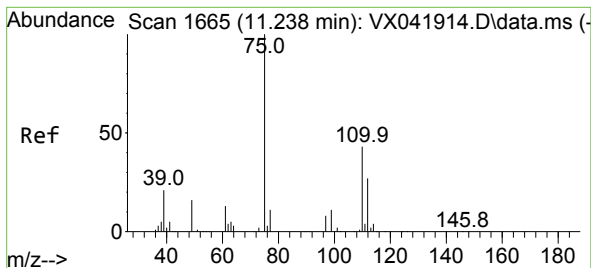
Ion Ratio Lower Upper

152 100

115 53.2 43.3 129.9

150 156.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.064 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX041985.D

Acq: 21 Jun 2024 17:10

Instrument :

MSVOA_X

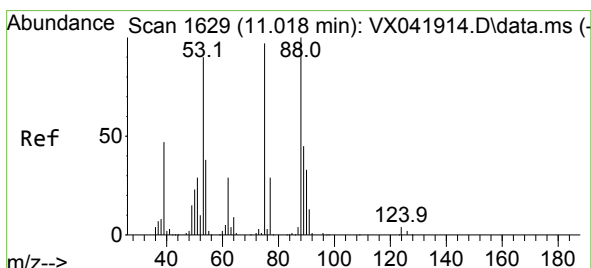
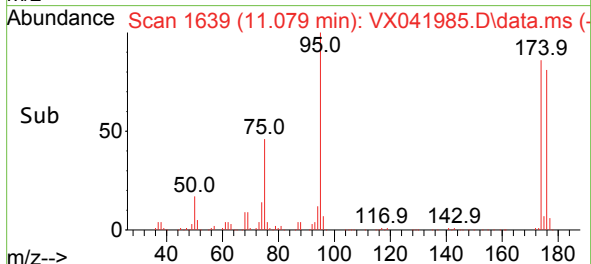
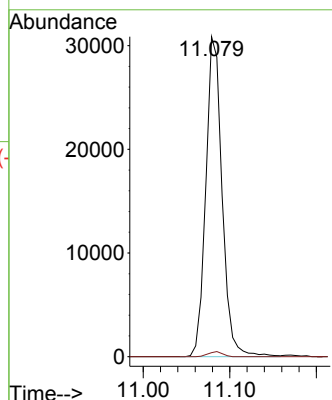
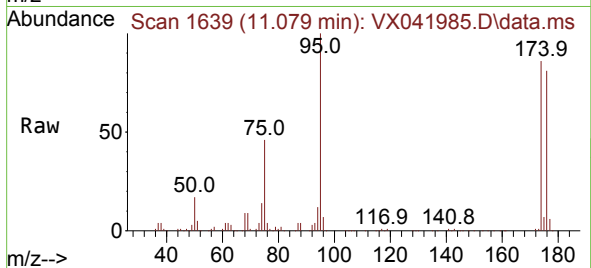
ClientSampleId :

Tgt Ion: 75 Resp: 40385

Ion Ratio Lower Upper

75 100

77 1.4 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.501 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041985.D

Acq: 21 Jun 2024 17:10

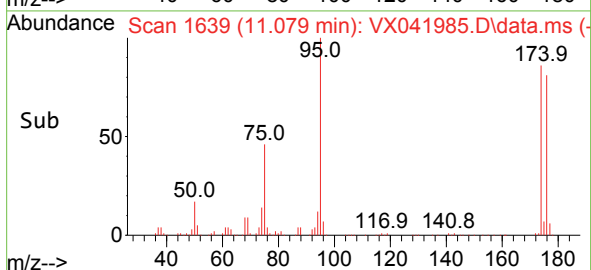
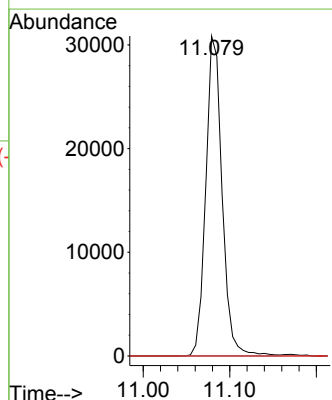
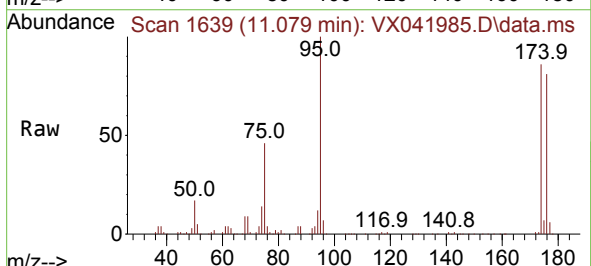
Tgt Ion: 75 Resp: 40385

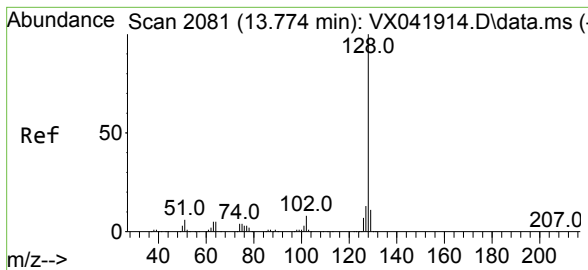
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

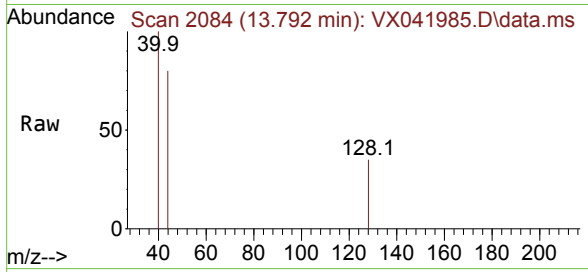
89 0.0 36.9 55.3#





#95
 Naphthalene
 Concen: 0.758 ug/l
 RT: 13.792 min Scan# 2084
 Delta R.T. 0.018 min
 Lab File: VX041985.D
 Acq: 21 Jun 2024 17:10

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	128	Resp:	70
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

