

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061024\
 Data File : VX041813.D
 Acq On : 10 Jun 2024 16:17
 Operator : JC/MD
 Sample : P2760-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 11 03:50:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

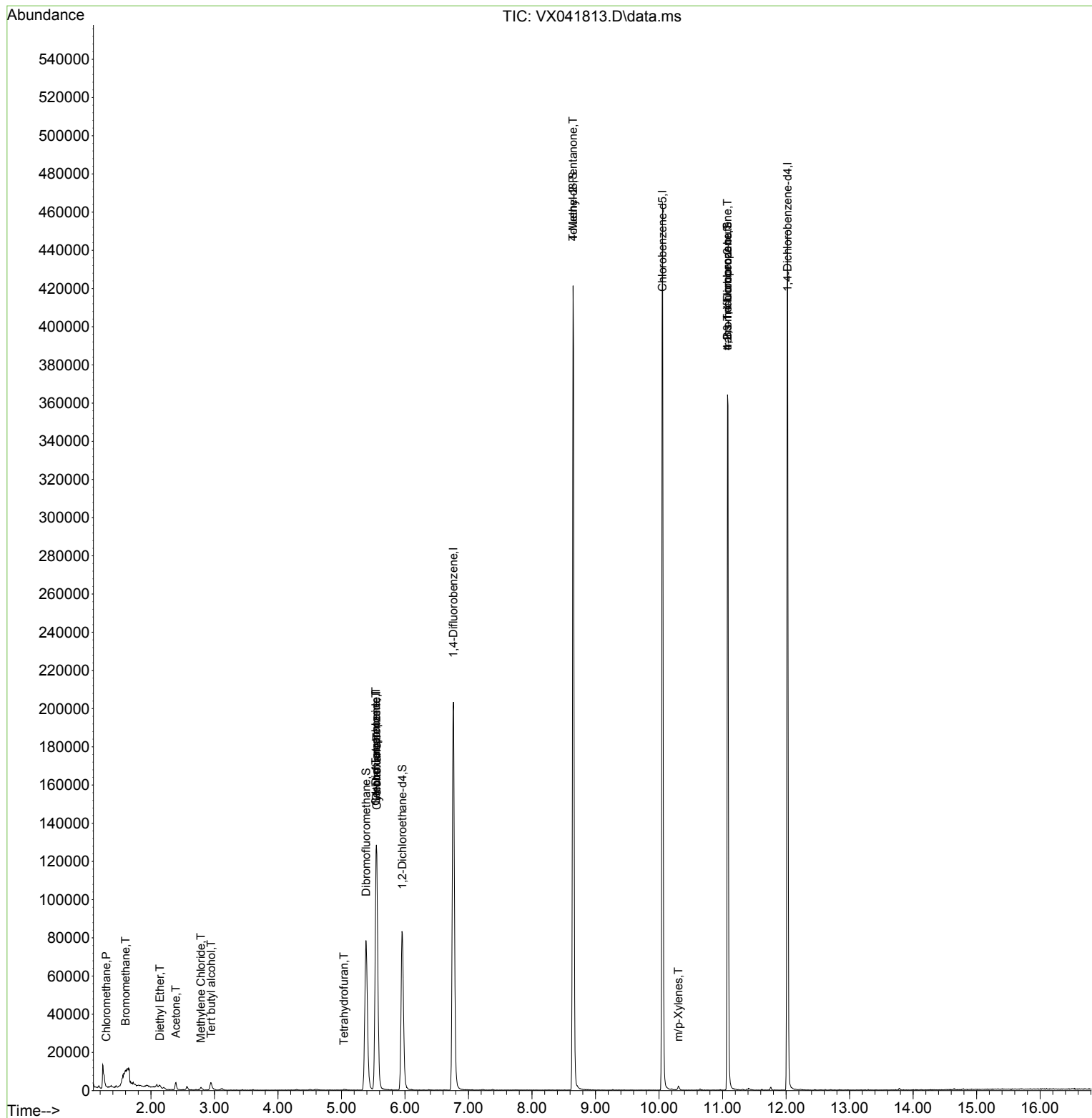
Internal Standards						
1) Pentafluorobenzene	5.549	168	137405	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	215928	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82392	48.891	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.780%
35) Dibromofluoromethane	5.385	113	67848	45.447	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.900%
50) Toluene-d8	8.646	98	253168	48.533	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.060%
62) 4-Bromofluorobenzene	11.079	95	94884	49.283	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.560%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	284	0.216	ug/l	# 67
5) Bromomethane	1.599	94	313	0.331	ug/l	# 68
8) Diethyl Ether	2.142	74	340	0.398	ug/l	# 13
11) Tert butyl alcohol	2.946	59	3186	10.687	ug/l	# 78
16) Acetone	2.391	43	4134	2.898	ug/l	# 83
20) Methylene Chloride	2.788	84	676	0.448	ug/l	# 88
29) Tetrahydrofuran	5.037	42	211	0.319	ug/l	# 34
31) Cyclohexane	5.556	56	2528	1.271	ug/l	# 1
36) 1,1-Dichloropropene	5.543	75	9013	4.986	ug/l	# 47
38) Carbon Tetrachloride	5.543	117	12054	5.869	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.646	43	1108	0.496	ug/l	# 1
68) m/p-Xylenes	10.305	106	649	0.223	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	47951	26.817	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	47951	73.090	ug/l	# 5

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

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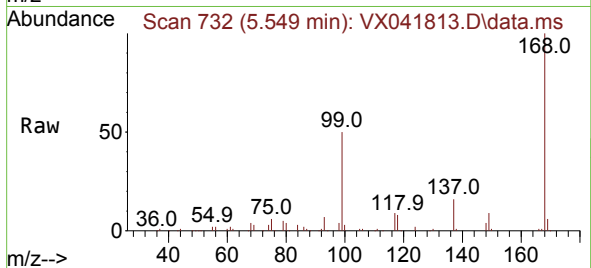
Quant Time: Jun 11 03:50:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
QLast Update : Thu May 30 07:36:24 2024
Response via : Initial Calibration



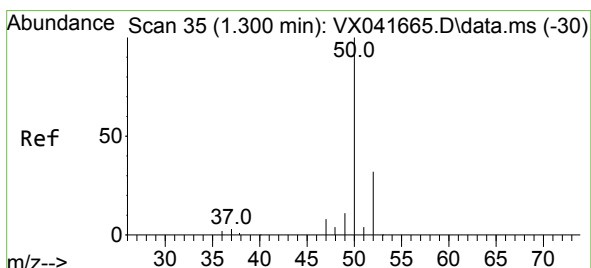
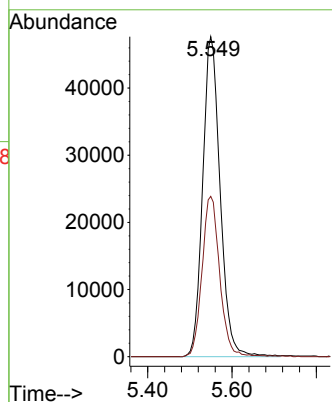
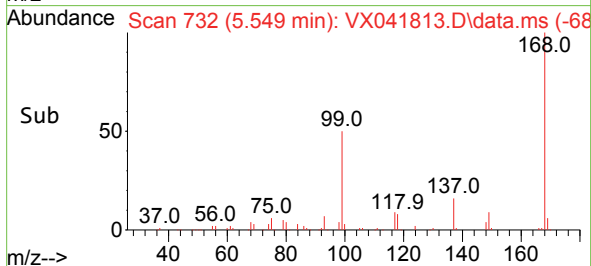


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX041813.D
Acq: 10 Jun 2024 16:17

Instrument :
MSVOA_X
ClientSampleId :

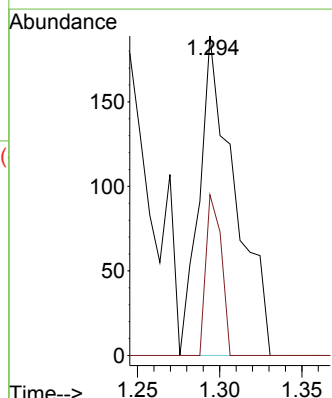
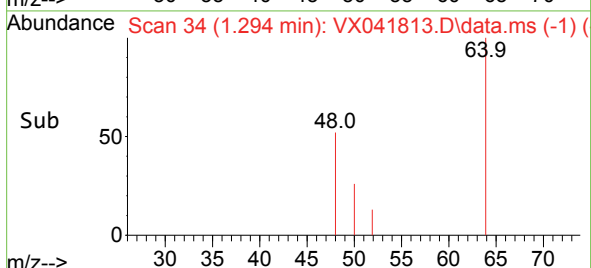
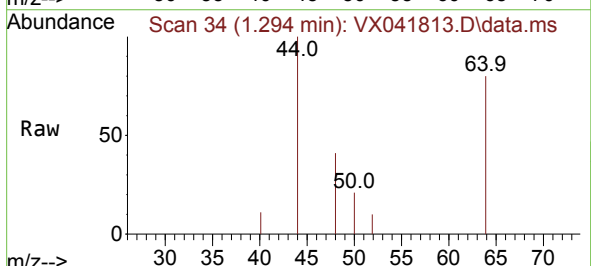


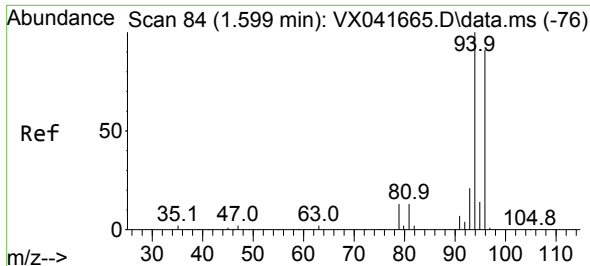
Tgt Ion:168 Resp: 137405
Ion Ratio Lower Upper
168 100
99 50.1 56.6 85.0#



#3
Chloromethane
Concen: 0.216 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041813.D
Acq: 10 Jun 2024 16:17

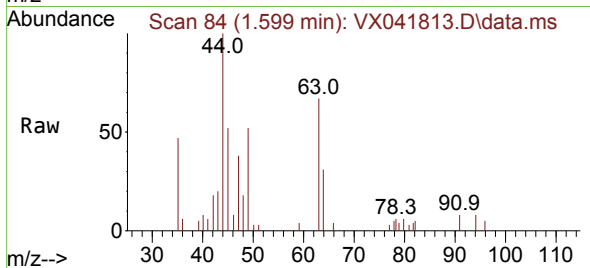
Tgt Ion: 50 Resp: 284
Ion Ratio Lower Upper
50 100
52 50.3 25.5 38.3#



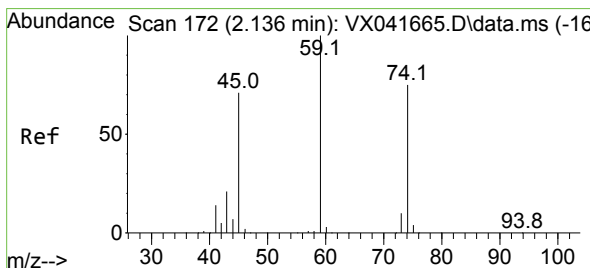
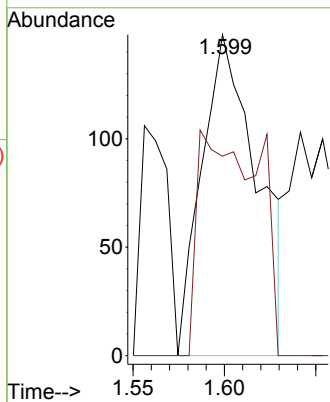
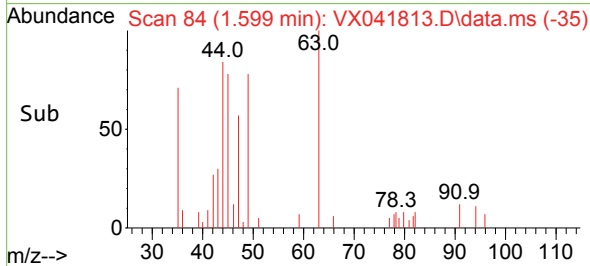


#5
Bromomethane
Concen: 0.331 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX041813.D
Acq: 10 Jun 2024 16:17

Instrument :
MSVOA_X
ClientSampleId :

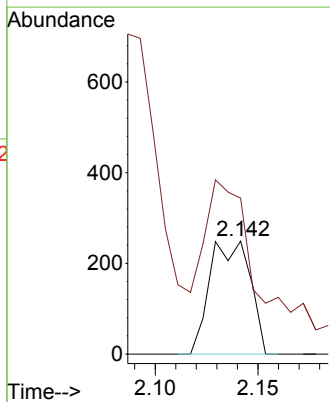
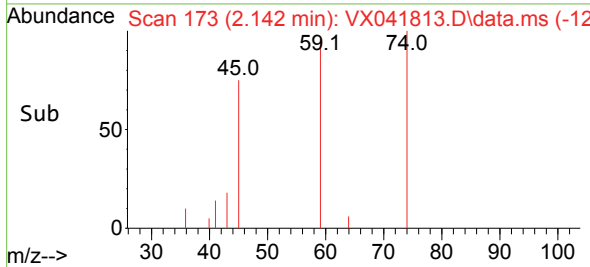
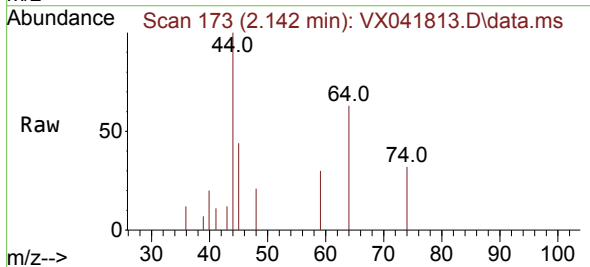


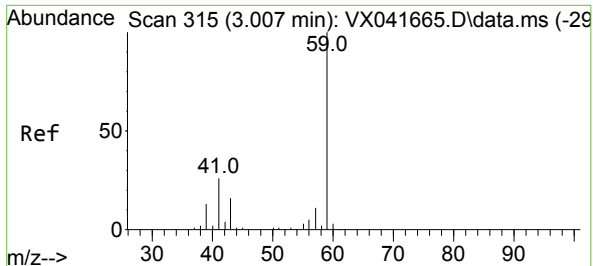
Tgt Ion: 94 Resp: 313
Ion Ratio Lower Upper
94 100
96 62.2 74.6 111.8#



#8
Diethyl Ether
Concen: 0.398 ug/l
RT: 2.142 min Scan# 173
Delta R.T. 0.006 min
Lab File: VX041813.D
Acq: 10 Jun 2024 16:17

Tgt Ion: 74 Resp: 340
Ion Ratio Lower Upper
74 100
45 197.1 53.3 159.8#





#11

Tert butyl alcohol

Concen: 10.687 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.061 min

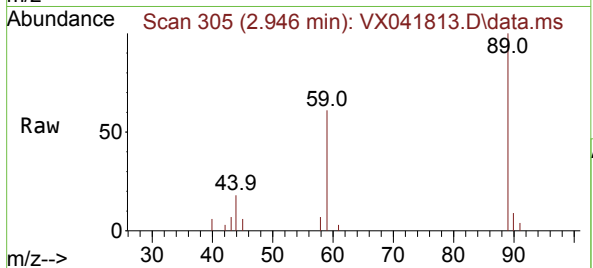
Lab File: VX041813.D

Acq: 10 Jun 2024 16:17

Instrument :

MSVOA_X

ClientSampleId :

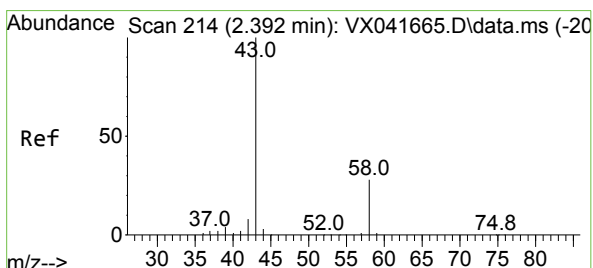
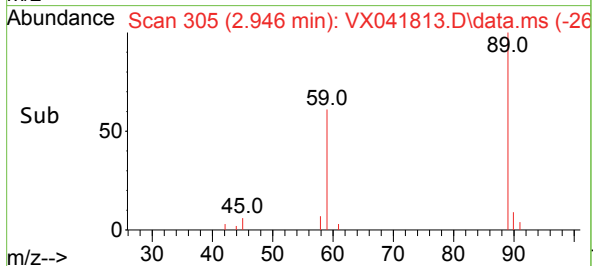
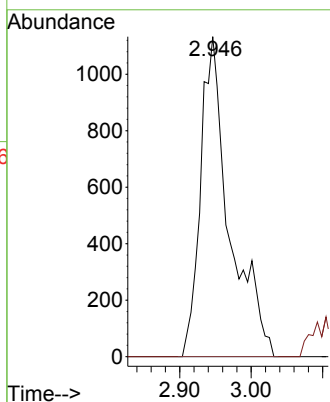


Tgt Ion: 59 Resp: 3186

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 2.898 ug/l

RT: 2.391 min Scan# 214

Delta R.T. -0.001 min

Lab File: VX041813.D

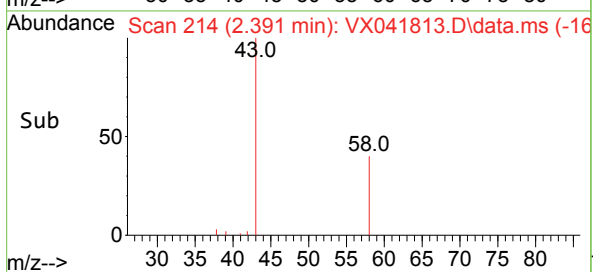
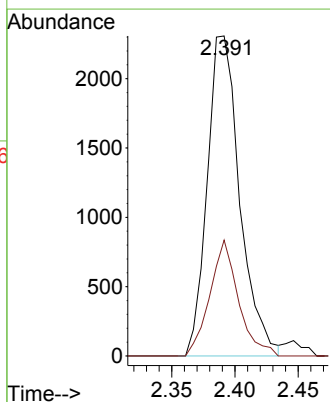
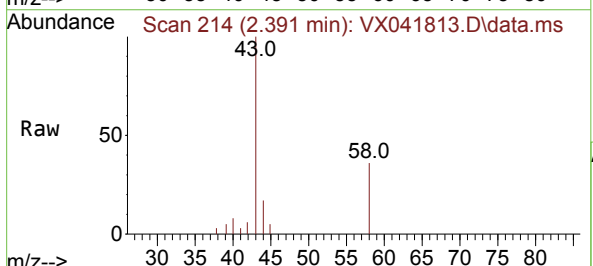
Acq: 10 Jun 2024 16:17

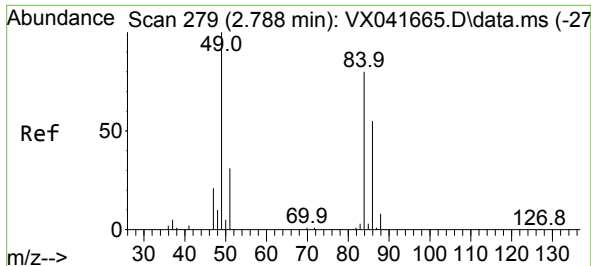
Tgt Ion: 43 Resp: 4134

Ion Ratio Lower Upper

43 100

58 36.2 21.9 32.9#





#20

Methylene Chloride

Concen: 0.448 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

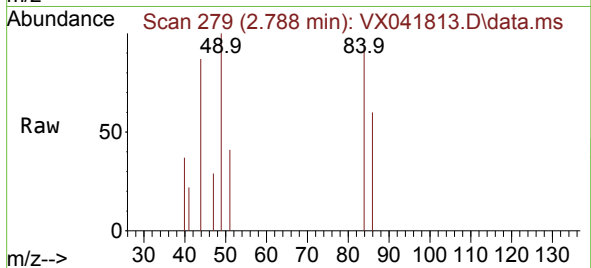
Lab File: VX041813.D

Acq: 10 Jun 2024 16:17

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 676

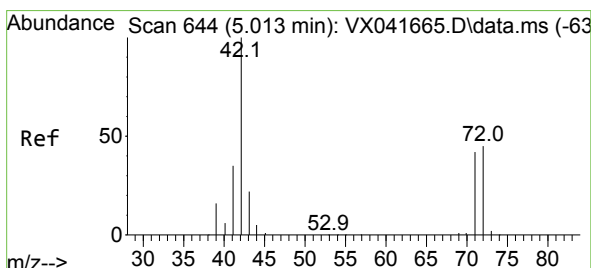
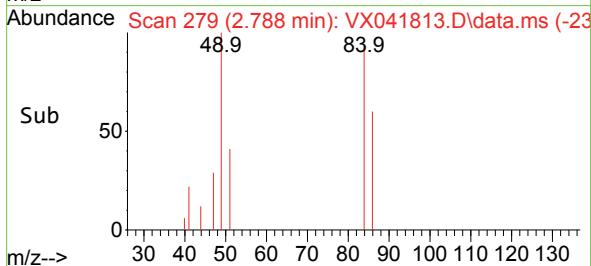
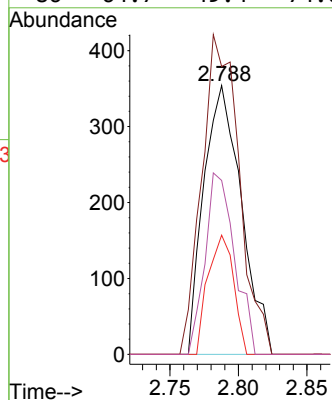
Ion Ratio Lower Upper

84 100

49 107.1 103.6 155.4

51 44.4 33.8 50.6

86 64.7 49.4 74.0



#29

Tetrahydrofuran

Concen: 0.319 ug/l

RT: 5.037 min Scan# 648

Delta R.T. 0.024 min

Lab File: VX041813.D

Acq: 10 Jun 2024 16:17

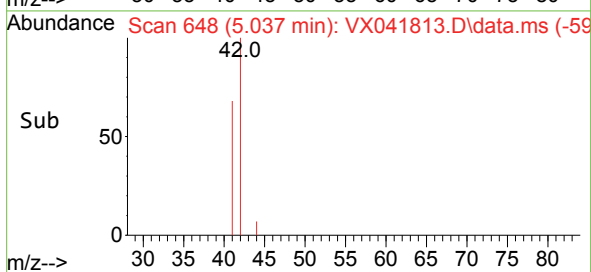
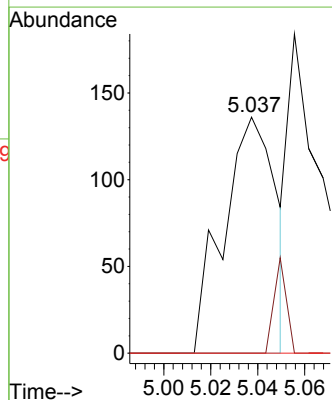
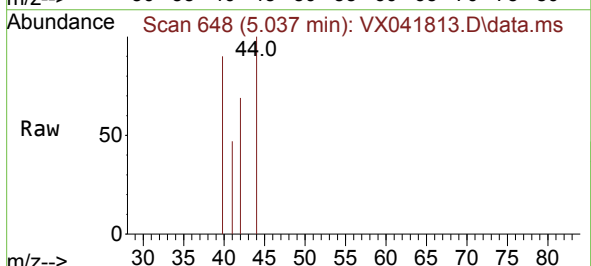
Tgt Ion: 42 Resp: 211

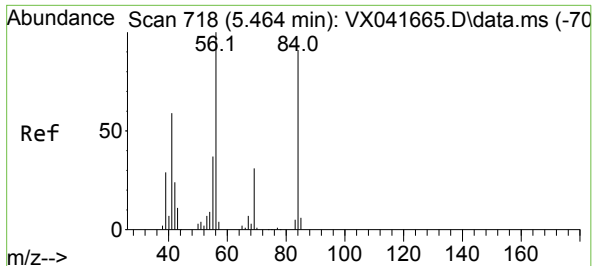
Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

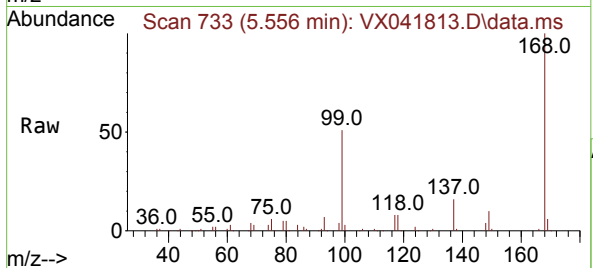
71 0.0 32.2 48.2#



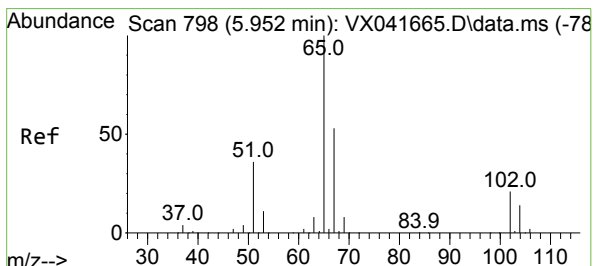
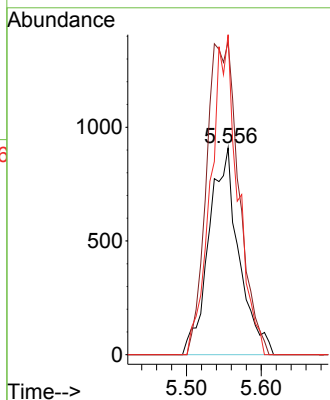
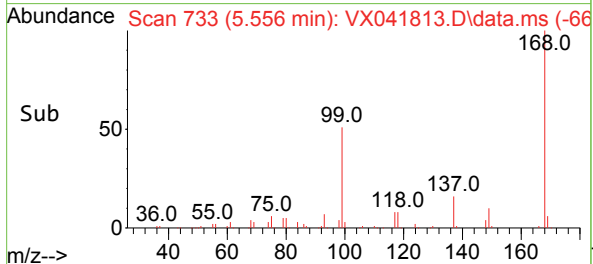


#31
Cyclohexane
Concen: 1.271 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.091 min
Lab File: VX041813.D
Acq: 10 Jun 2024 16:17

Instrument :
MSVOA_X
ClientSampleId :

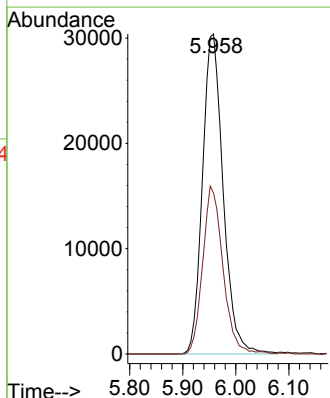
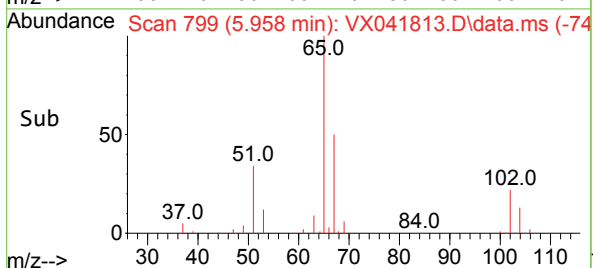
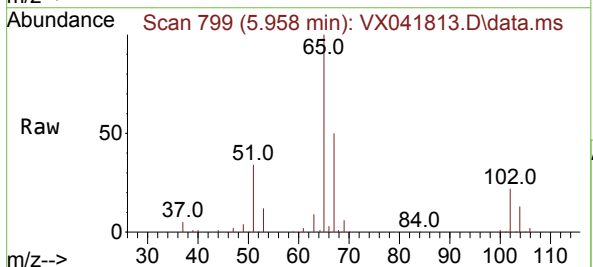


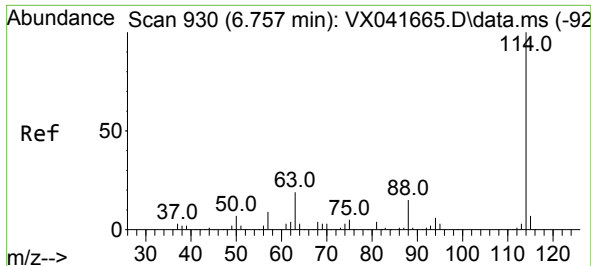
Tgt Ion: 56 Resp: 2528
Ion Ratio Lower Upper
56 100
69 151.2 23.4 35.2#
84 154.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 48.891 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041813.D
Acq: 10 Jun 2024 16:17

Tgt Ion: 65 Resp: 82392
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.2

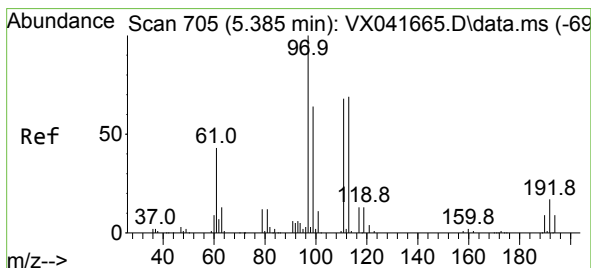
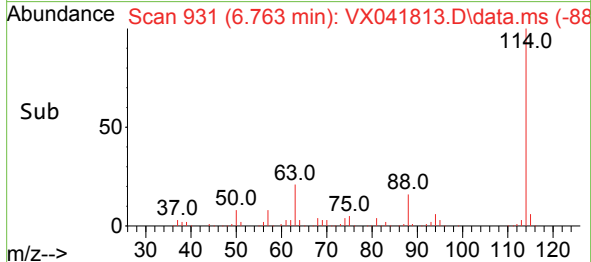
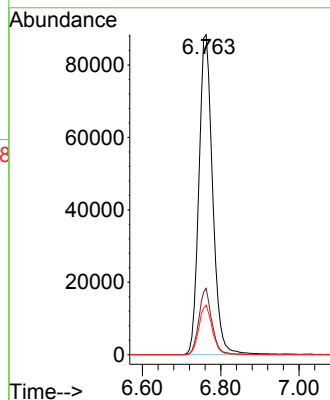
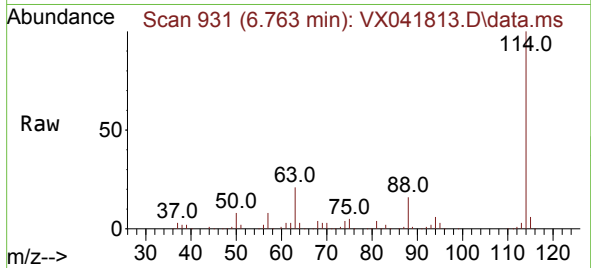




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX041813.D
Acq: 10 Jun 2024 16:17

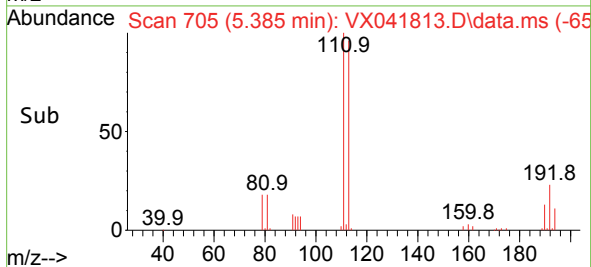
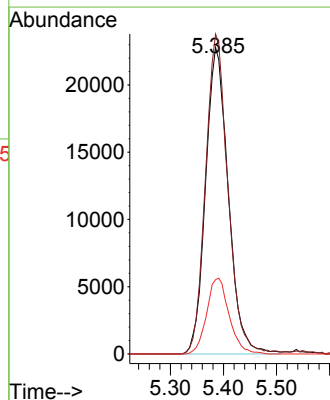
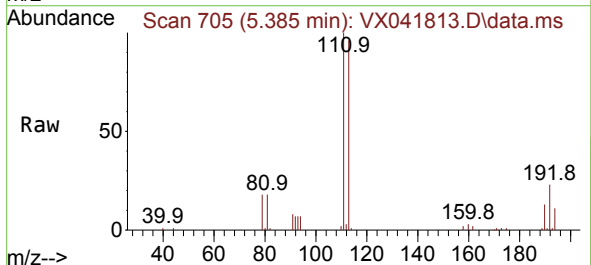
Instrument :
MSVOA_X
ClientSampleId :

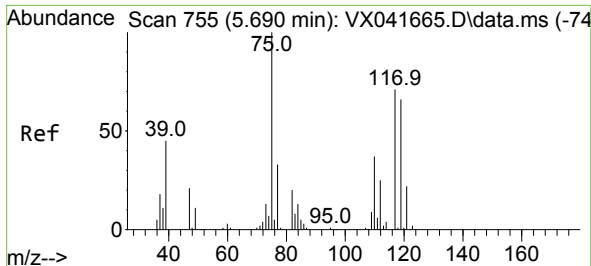
Tgt Ion:114 Resp: 215928
Ion Ratio Lower Upper
114 100
63 20.8 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.447 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041813.D
Acq: 10 Jun 2024 16:17

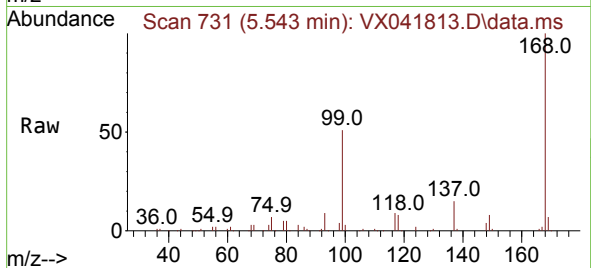
Tgt Ion:113 Resp: 67848
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 24.4 13.3 19.9#



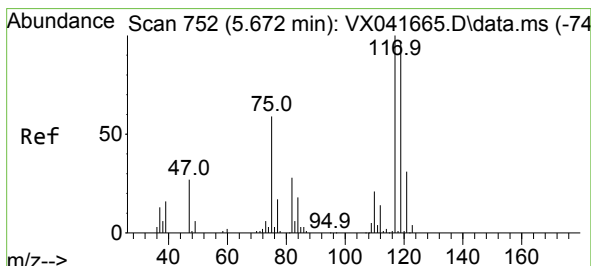
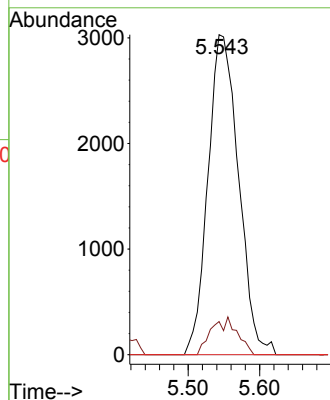
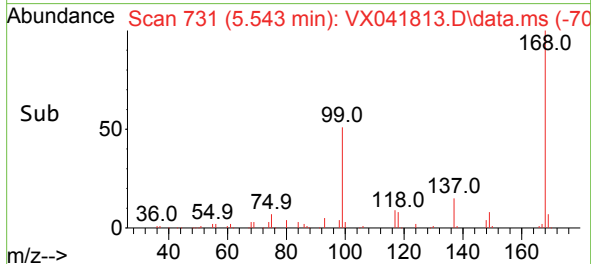


#36
1,1-Dichloropropene
Concen: 4.986 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.147 min
Lab File: VX041813.D
Acq: 10 Jun 2024 16:17

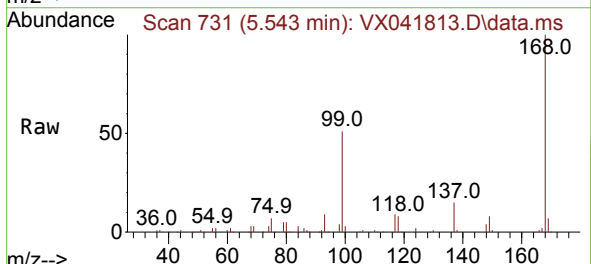
Instrument :
MSVOA_X
ClientSampleId :



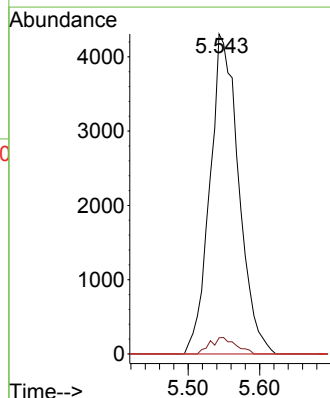
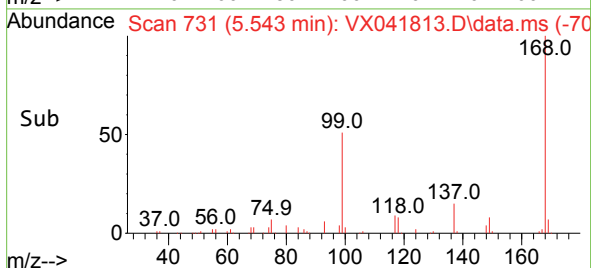
Tgt Ion: 75 Resp: 9013
Ion Ratio Lower Upper
75 100
110 5.2 17.0 50.9#
77 0.0 24.7 37.1#

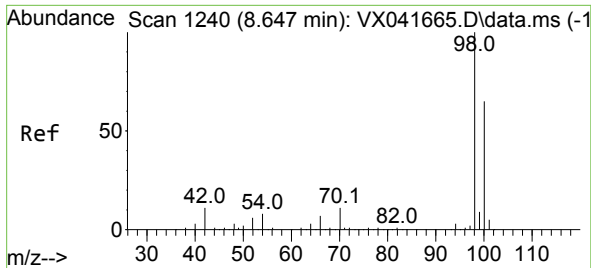


#38
Carbon Tetrachloride
Concen: 5.869 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX041813.D
Acq: 10 Jun 2024 16:17



Tgt Ion: 117 Resp: 12054
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#

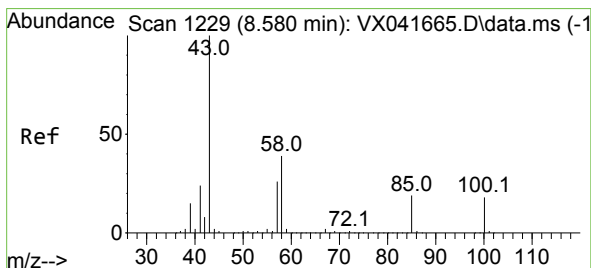
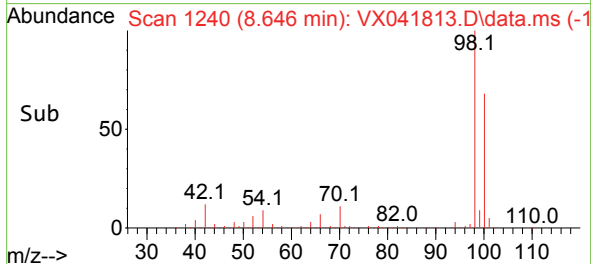
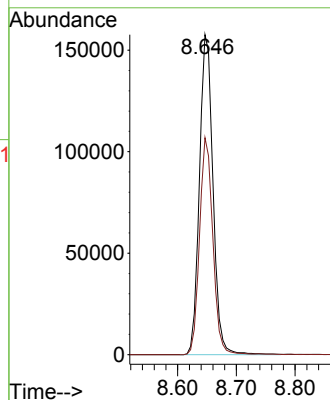
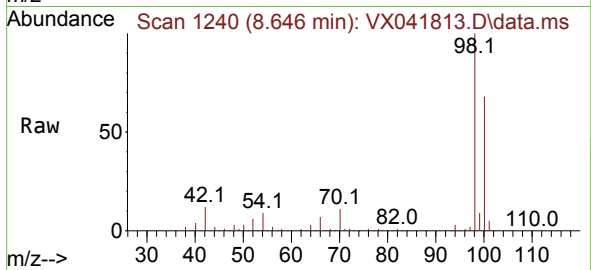




#50
Toluene-d8
Concen: 48.533 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041813.D
Acq: 10 Jun 2024 16:17

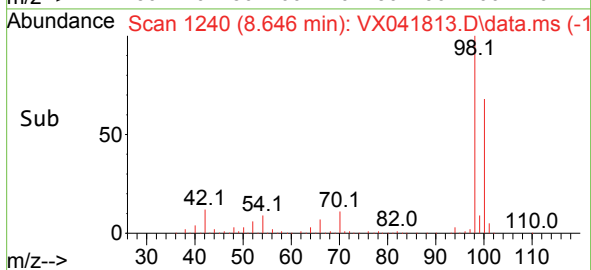
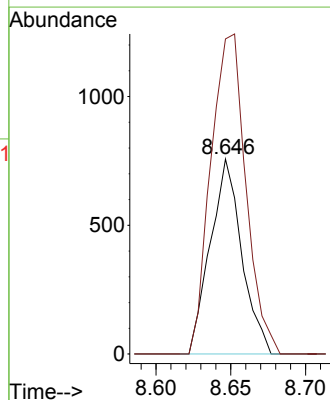
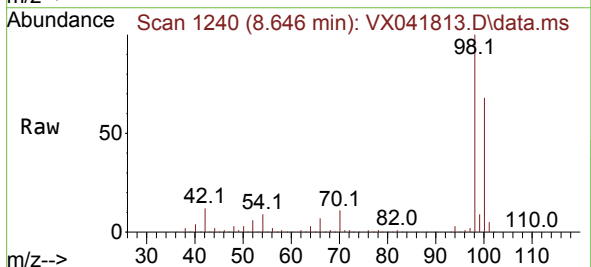
Instrument :
MSVOA_X
ClientSampleId :

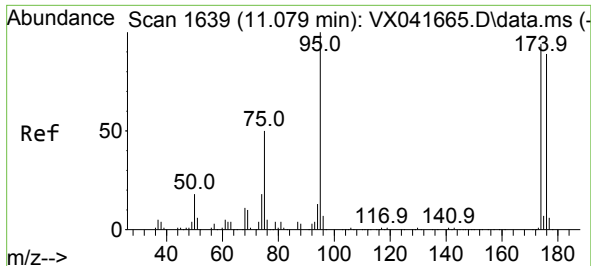
Tgt Ion: 98 Resp: 253168
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.496 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX041813.D
Acq: 10 Jun 2024 16:17

Tgt Ion: 43 Resp: 1108
Ion Ratio Lower Upper
43 100
58 182.9 30.4 45.6#

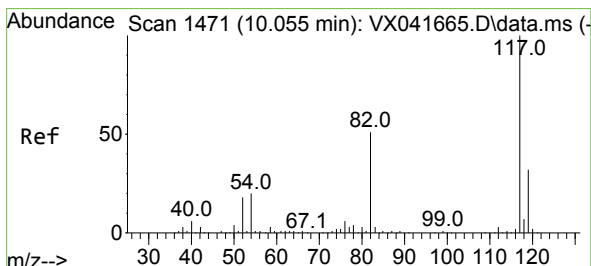
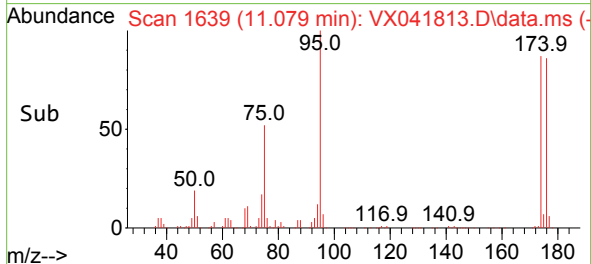
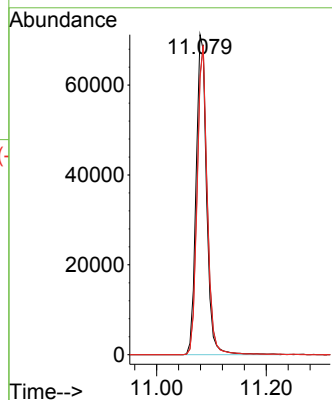
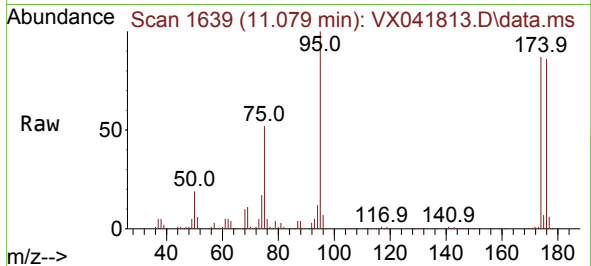




#62
4-Bromofluorobenzene
Concen: 49.283 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041813.D
Acq: 10 Jun 2024 16:17

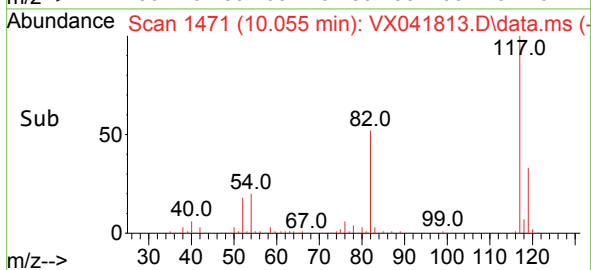
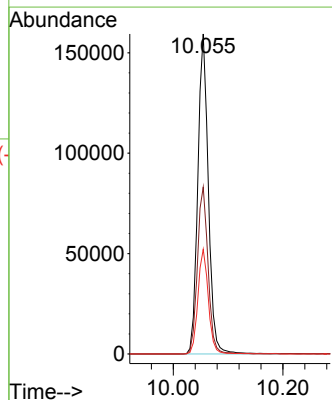
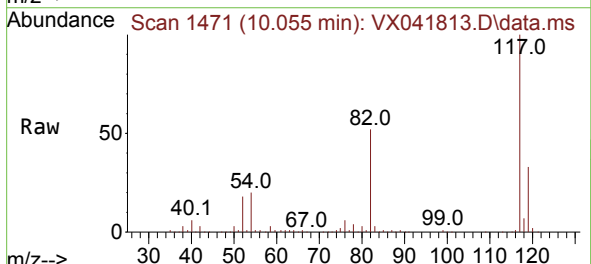
Instrument :
MSVOA_X
ClientSampleId :

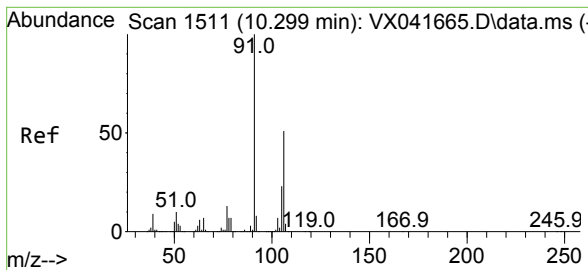
Tgt Ion: 95 Resp: 94884
Ion Ratio Lower Upper
95 100
174 94.4 0.0 135.6
176 92.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041813.D
Acq: 10 Jun 2024 16:17

Tgt Ion: 117 Resp: 214024
Ion Ratio Lower Upper
117 100
82 52.2 46.2 69.4
119 32.7 25.5 38.3

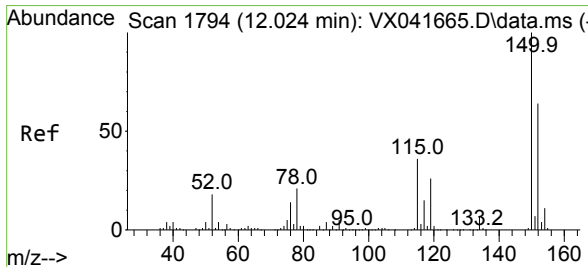
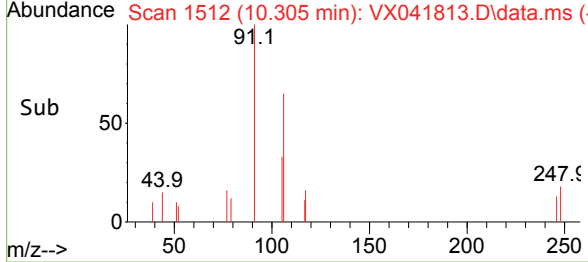
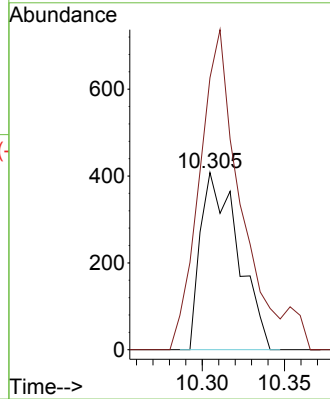
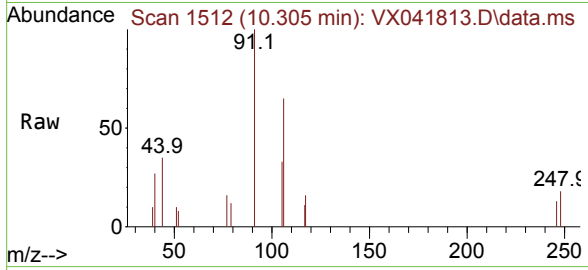




#68
m/p-Xylenes
Concen: 0.223 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX041813.D
Acq: 10 Jun 2024 16:17

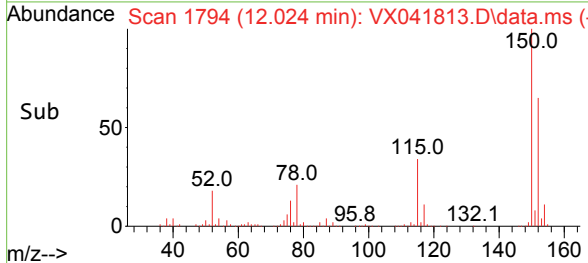
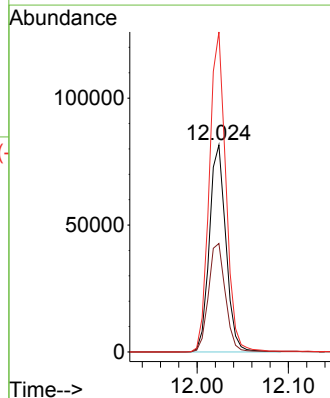
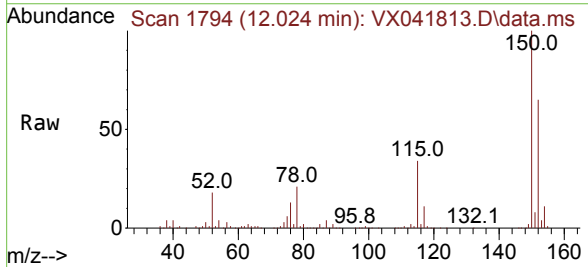
Instrument :
MSVOA_X
ClientSampleId :

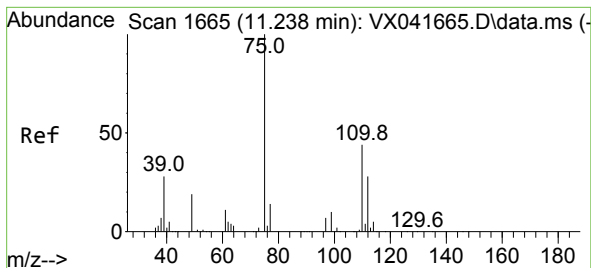
Tgt Ion:106 Resp: 649
Ion Ratio Lower Upper
106 100
91 202.6 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX041813.D
Acq: 10 Jun 2024 16:17

Tgt Ion:152 Resp: 102480
Ion Ratio Lower Upper
152 100
115 54.0 43.3 129.9
150 155.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 26.817 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041813.D

Acq: 10 Jun 2024 16:17

Instrument :

MSVOA_X

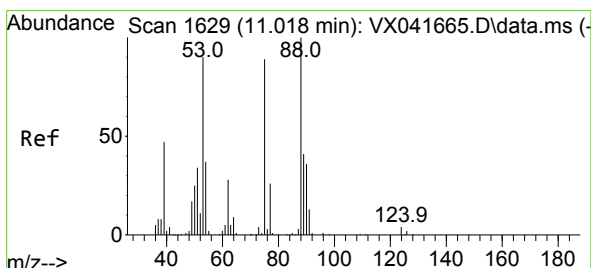
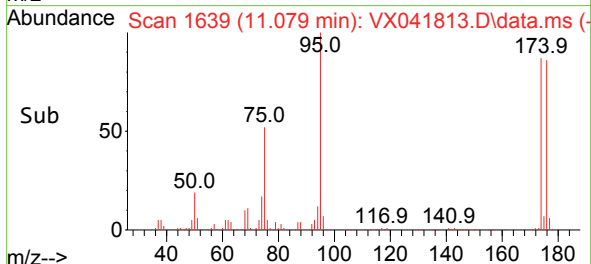
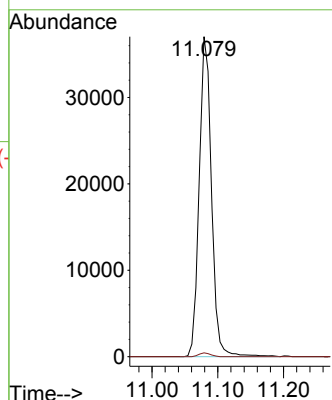
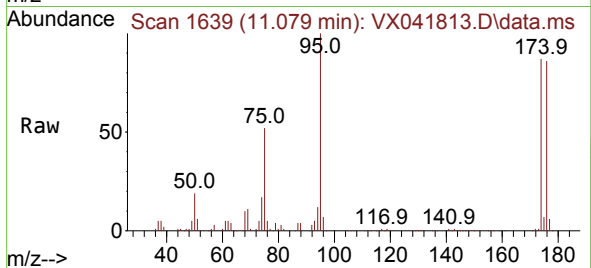
ClientSampleId :

Tgt Ion: 75 Resp: 47951

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 73.090 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041813.D

Acq: 10 Jun 2024 16:17

Tgt Ion: 75 Resp: 47951

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

