

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061024\
 Data File : VX041803.D
 Acq On : 10 Jun 2024 12:25
 Operator : JC/MD
 Sample : P2796-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 11 03:46:51 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)

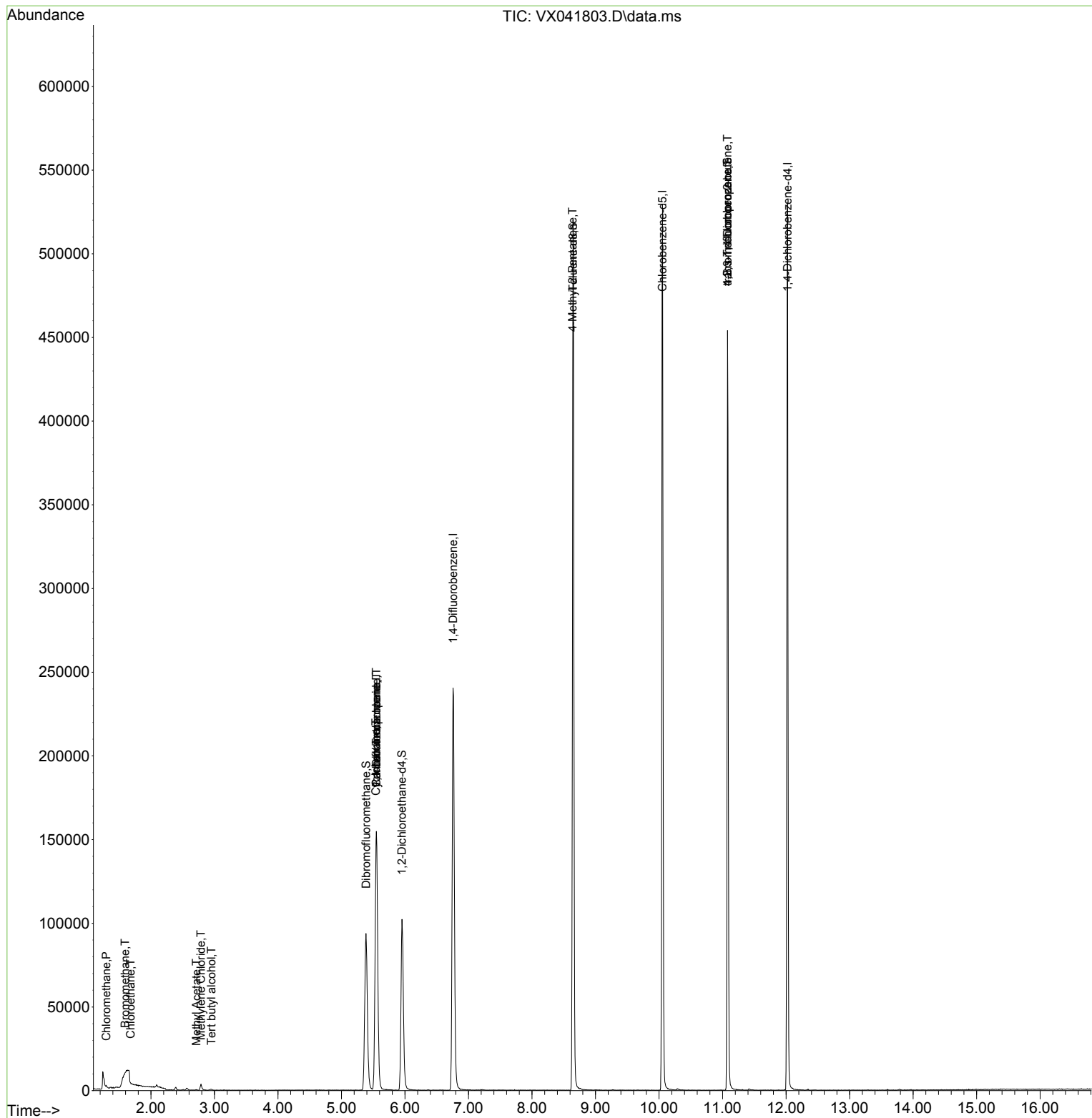
Internal Standards						
1) Pentafluorobenzene	5.550	168	163539	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	257012	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	254078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99477	49.596	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.200%
35) Dibromofluoromethane	5.385	113	80828	45.487	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.980%
50) Toluene-d8	8.647	98	306980	49.442	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.880%
62) 4-Bromofluorobenzene	11.079	95	112822	49.233	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.460%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1005	0.641	ug/l	98
5) Bromomethane	1.593	94	556	0.495	ug/l	# 43
6) Chloroethane	1.678	64	449	0.460	ug/l	# 62
11) Tert butyl alcohol	2.953	59	335	0.944	ug/l	# 78
16) Acetone	2.386	43	1781	Below Cal	#	89
18) Methyl Acetate	2.715	43	406	0.212	ug/l	# 69
20) Methylene Chloride	2.788	84	1745	0.972	ug/l	94
31) Cyclohexane	5.544	56	2903	1.226	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	10238	4.758	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	14639	5.988	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.641	43	1399	0.526	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	57117	26.892	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	57117	73.294	ug/l	# 5

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

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Instrument :
MSVOA_X
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Quant Time: Jun 11 03:46:51 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: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX041803.D

Acq: 10 Jun 2024 12:25

Instrument :

MSVOA_X

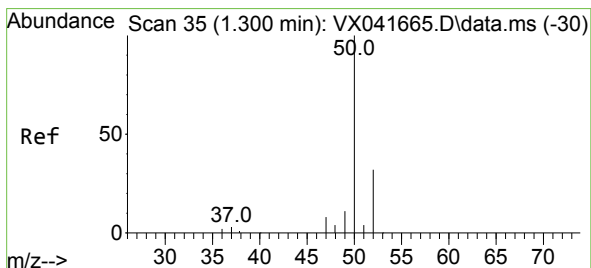
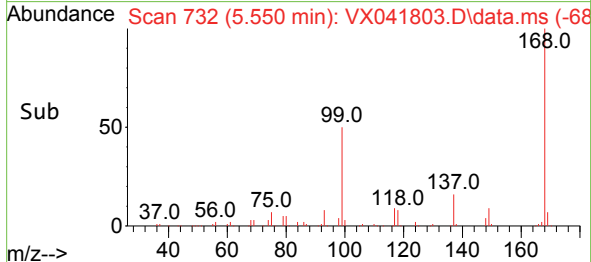
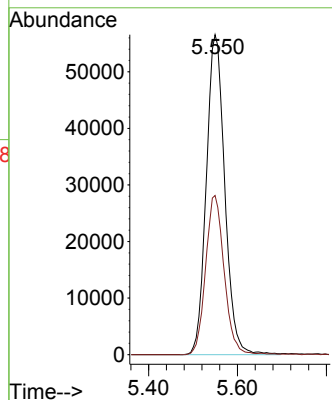
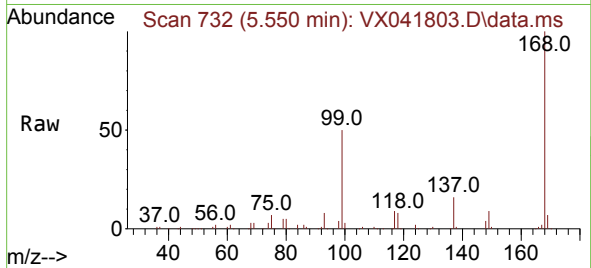
ClientSampleId :

Tgt Ion:168 Resp: 163539

Ion Ratio Lower Upper

168 100

99 49.8 56.6 85.0#



#3

Chloromethane

Concen: 0.641 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.006 min

Lab File: VX041803.D

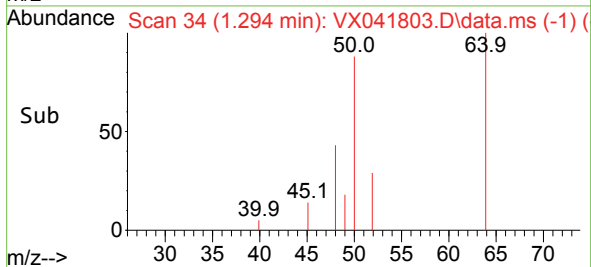
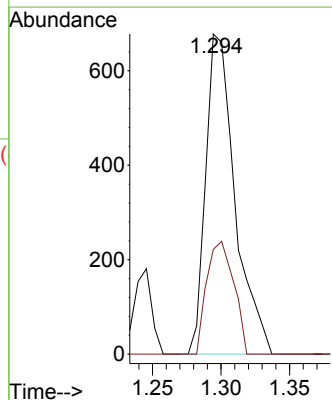
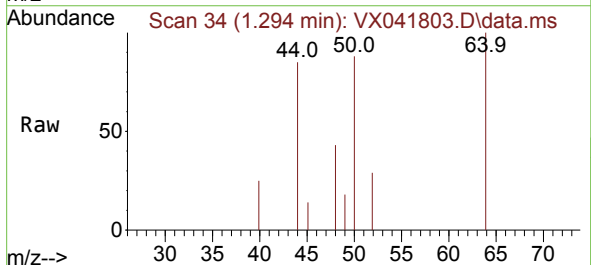
Acq: 10 Jun 2024 12:25

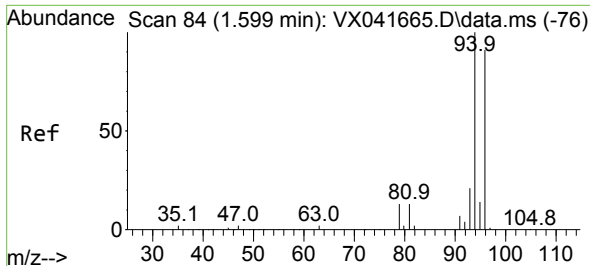
Tgt Ion: 50 Resp: 1005

Ion Ratio Lower Upper

50 100

52 32.7 25.5 38.3

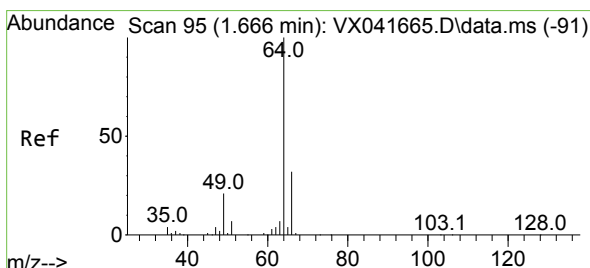
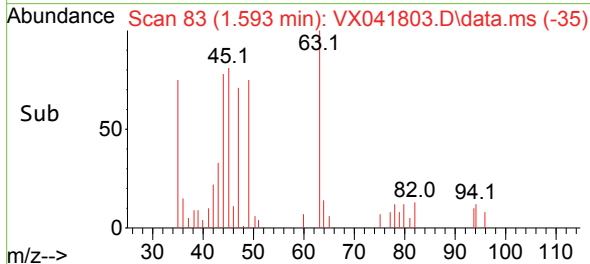
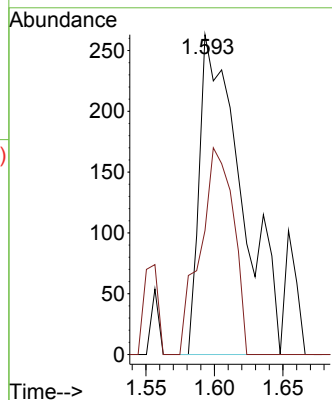
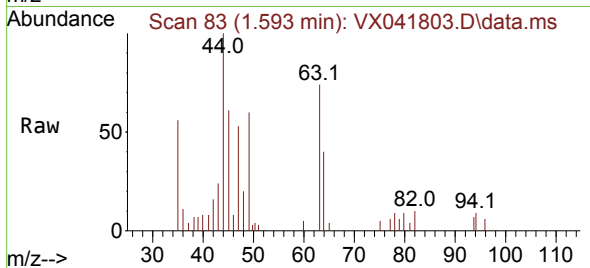




#5
Bromomethane
Concen: 0.495 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX041803.D
Acq: 10 Jun 2024 12:25

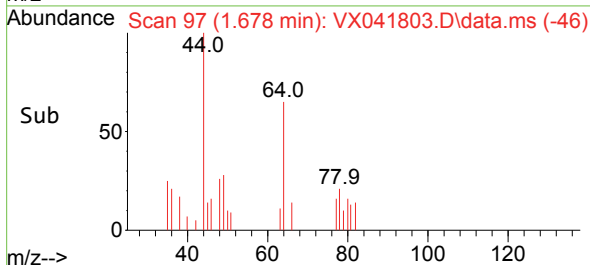
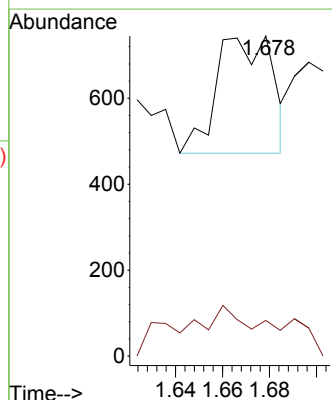
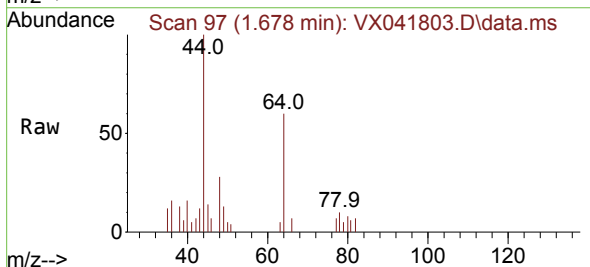
Instrument :
MSVOA_X
ClientSampleId :

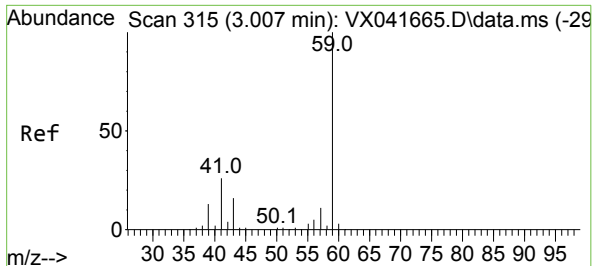
Tgt Ion: 94 Resp: 556
Ion Ratio Lower Upper
94 100
96 38.8 74.6 111.8#



#6
Chloroethane
Concen: 0.460 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.012 min
Lab File: VX041803.D
Acq: 10 Jun 2024 12:25

Tgt Ion: 64 Resp: 449
Ion Ratio Lower Upper
64 100
66 10.6 25.1 37.7#





#11

Tert butyl alcohol

Concen: 0.944 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.055 min

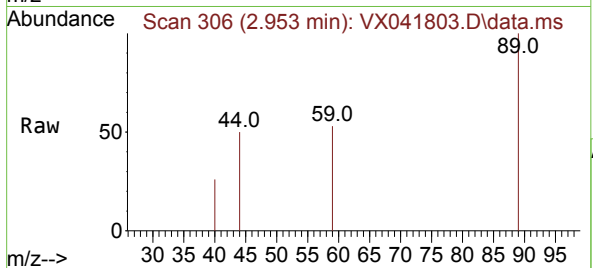
Lab File: VX041803.D

Acq: 10 Jun 2024 12:25

Instrument :

MSVOA_X

ClientSampleId :

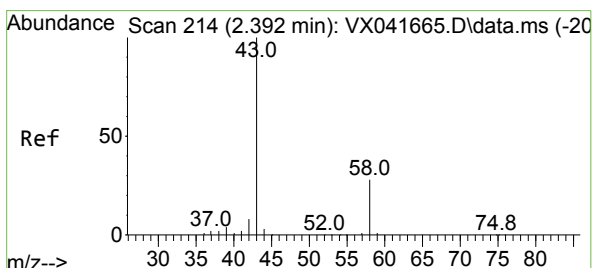
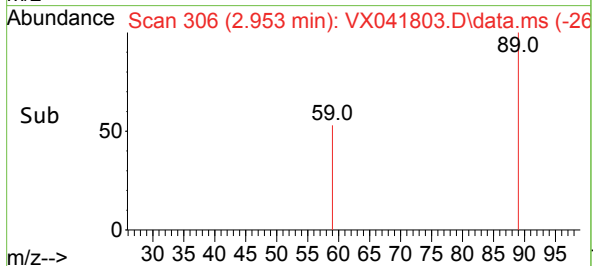
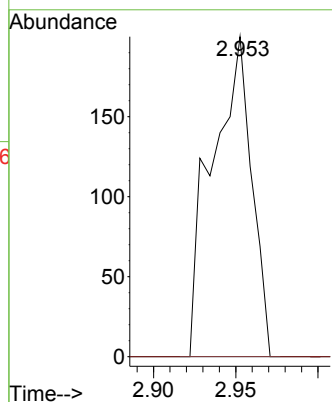


Tgt Ion: 59 Resp: 335

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: Below Cal

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX041803.D

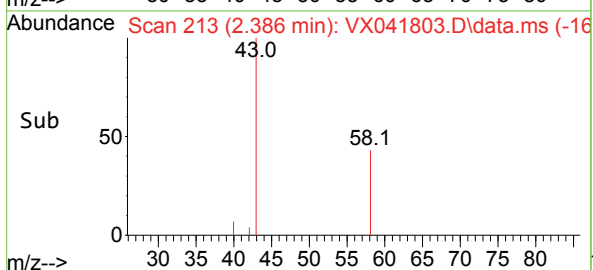
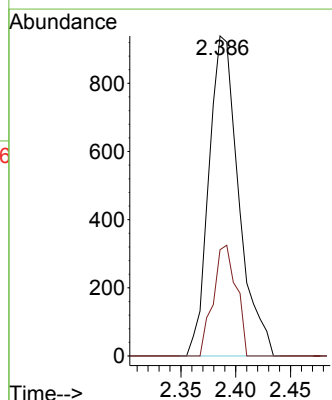
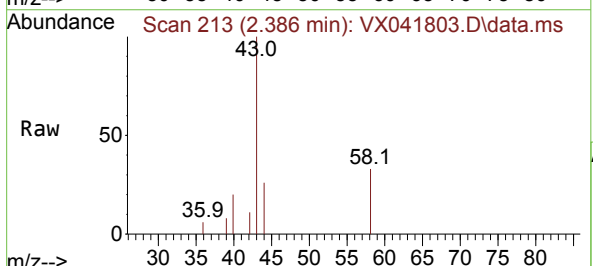
Acq: 10 Jun 2024 12:25

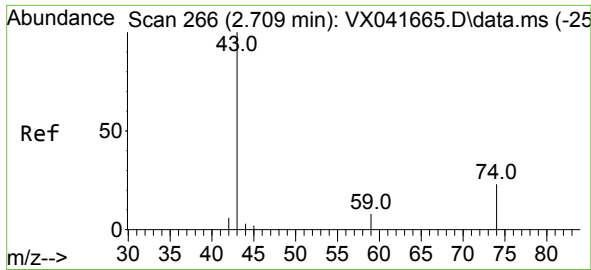
Tgt Ion: 43 Resp: 1781

Ion Ratio Lower Upper

43 100

58 33.2 21.9 32.9#

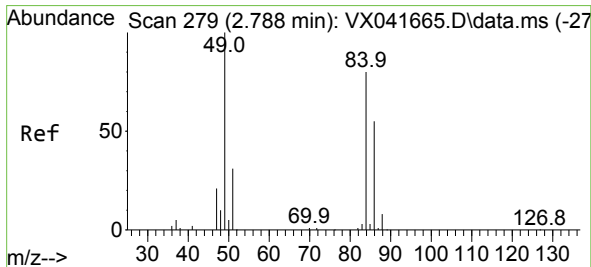
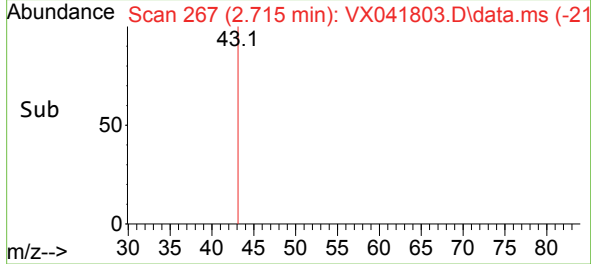
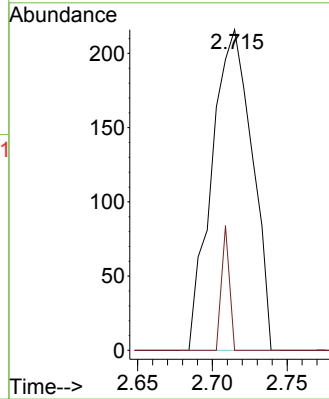
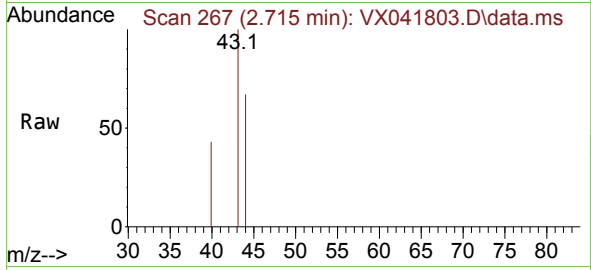




#18
Methyl Acetate
Concen: 0.212 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX041803.D
Acq: 10 Jun 2024 12:25

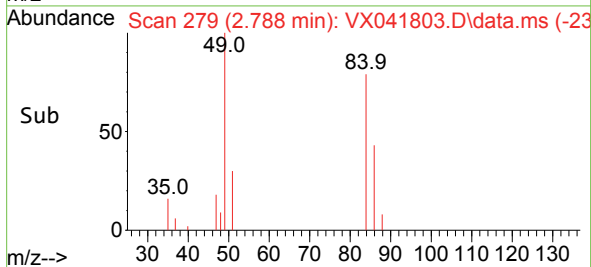
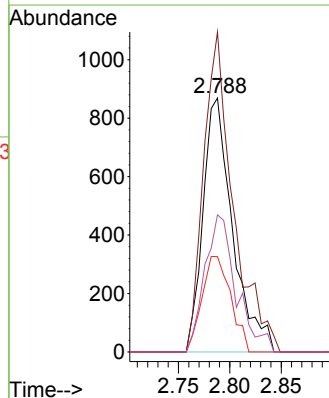
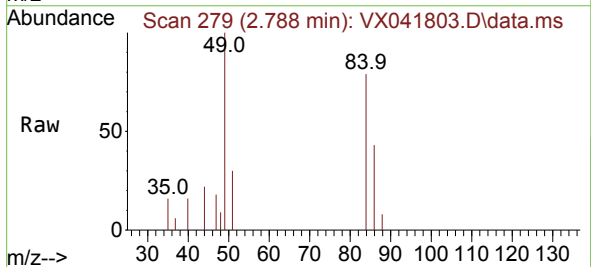
Instrument :
MSVOA_X
ClientSampleId :

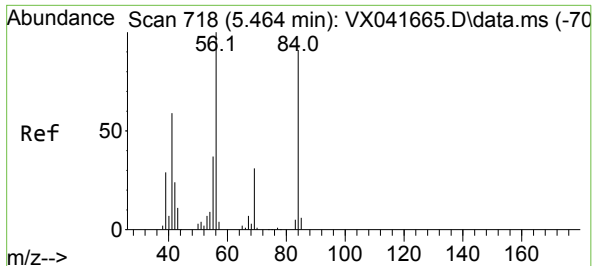
Tgt Ion: 43 Resp: 406
Ion Ratio Lower Upper
43 100
74 7.6 17.8 26.8#



#20
Methylene Chloride
Concen: 0.972 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041803.D
Acq: 10 Jun 2024 12:25

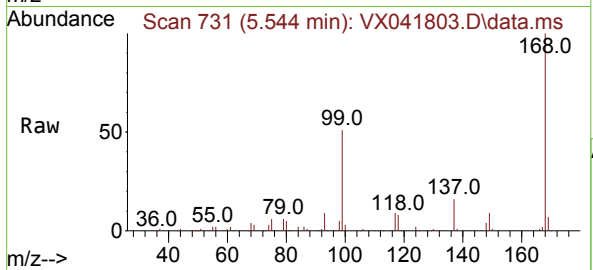
Tgt Ion: 84 Resp: 1745
Ion Ratio Lower Upper
84 100
49 126.0 103.6 155.4
51 37.5 33.8 50.6
86 54.0 49.4 74.0



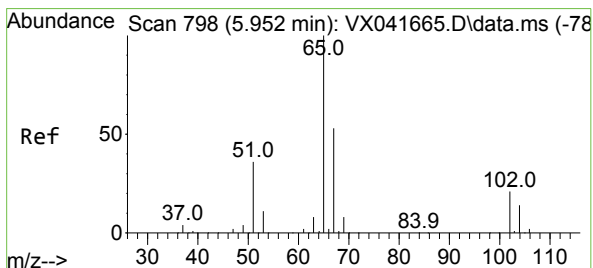
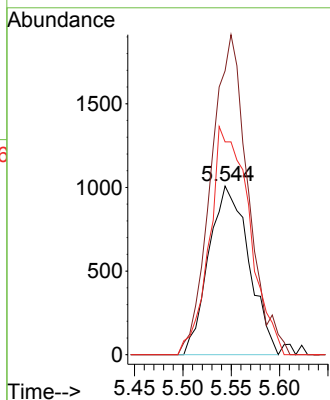
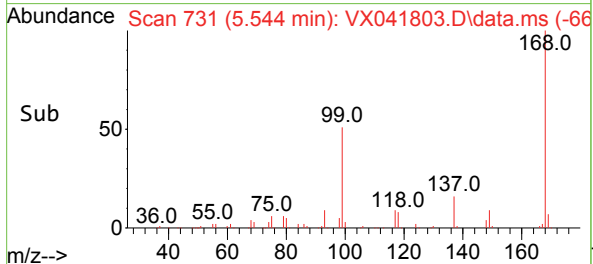


#31
Cyclohexane
Concen: 1.226 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX041803.D
Acq: 10 Jun 2024 12:25

Instrument :
MSVOA_X
ClientSampleId :

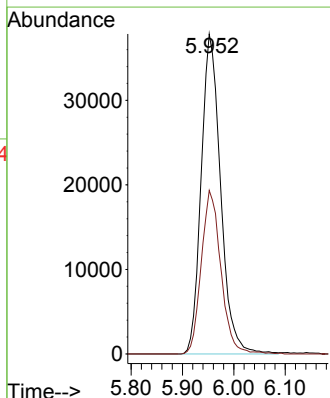
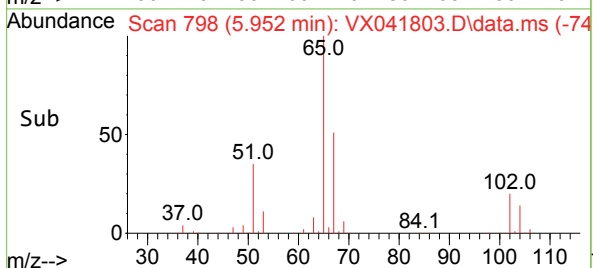
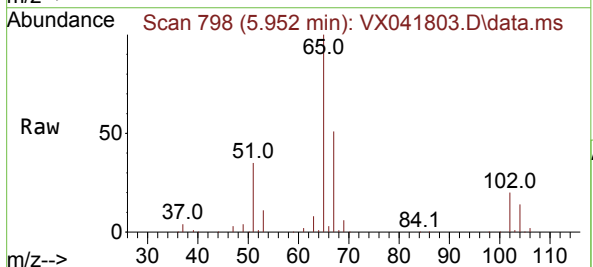


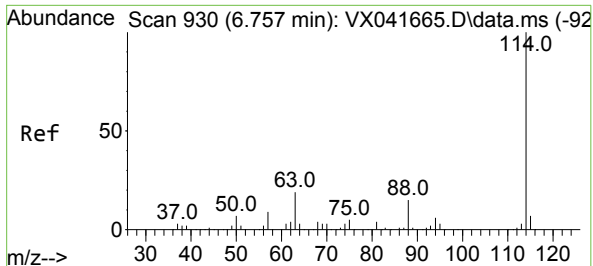
Tgt Ion: 56 Resp: 2903
Ion Ratio Lower Upper
56 100
69 168.4 23.4 35.2#
84 126.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 49.596 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041803.D
Acq: 10 Jun 2024 12:25

Tgt Ion: 65 Resp: 99477
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

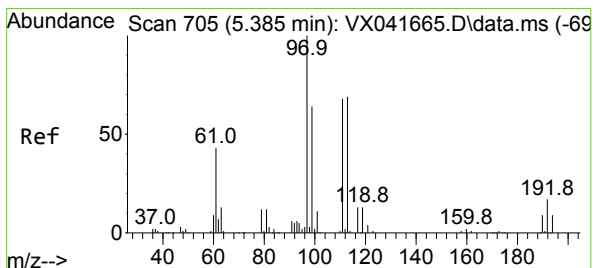
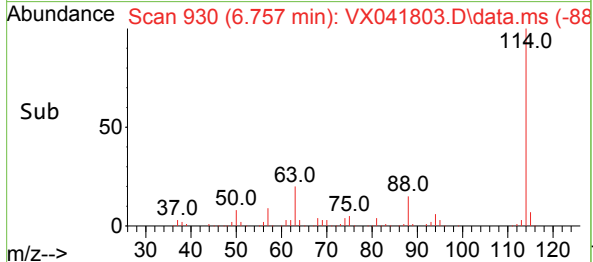
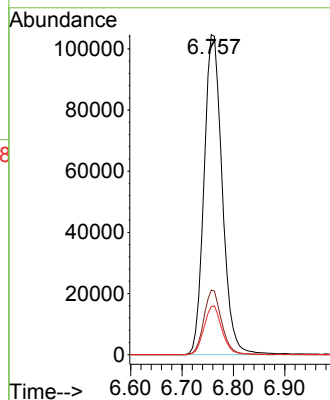
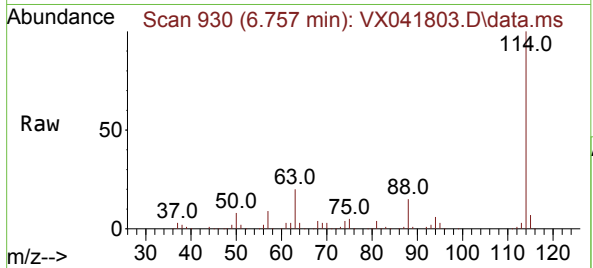




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041803.D
Acq: 10 Jun 2024 12:25

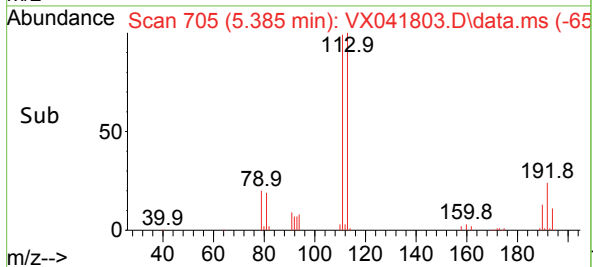
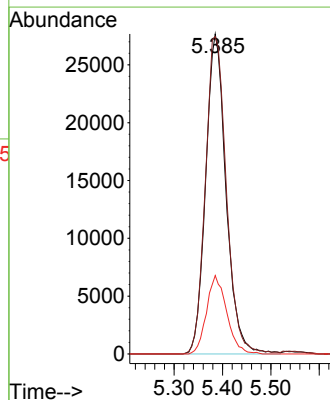
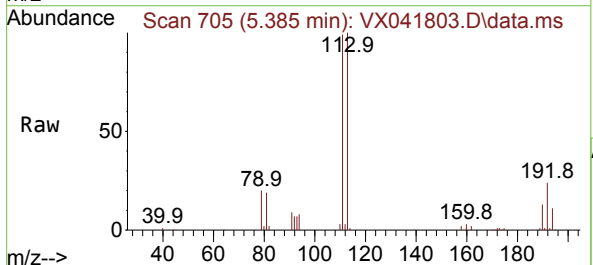
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MSVOA_X
ClientSampleId :

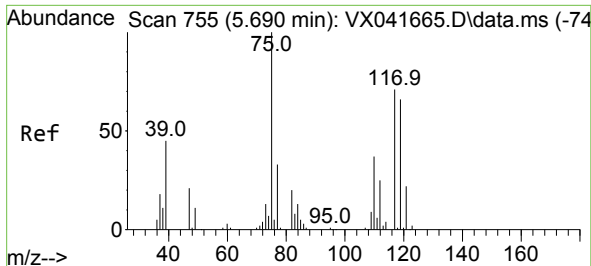
Tgt Ion:114 Resp: 257012
Ion Ratio Lower Upper
114 100
63 20.1 0.0 45.0
88 15.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.487 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041803.D
Acq: 10 Jun 2024 12:25

Tgt Ion:113 Resp: 80828
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 24.3 13.3 19.9#

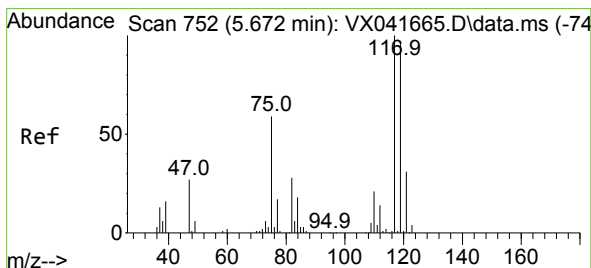
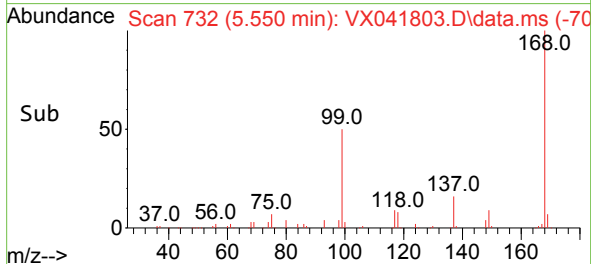
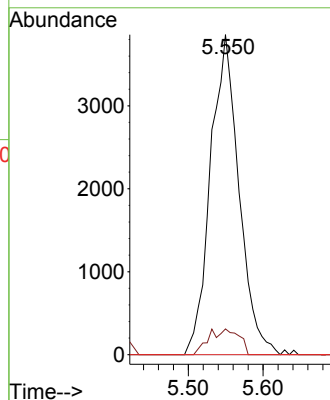
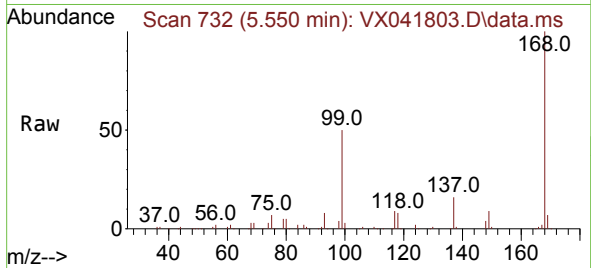




#36
1,1-Dichloropropene
Concen: 4.758 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX041803.D
Acq: 10 Jun 2024 12:25

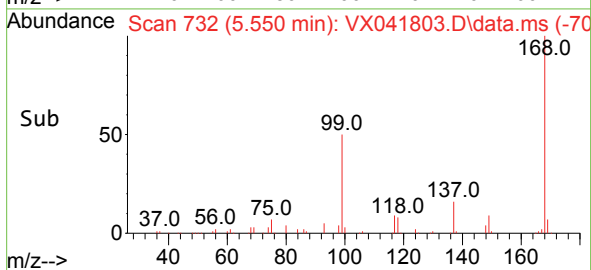
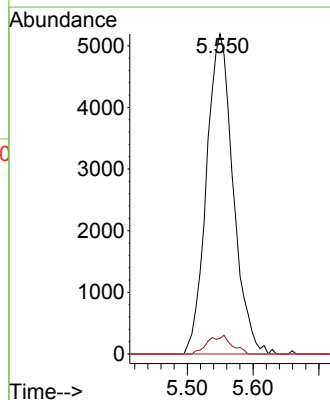
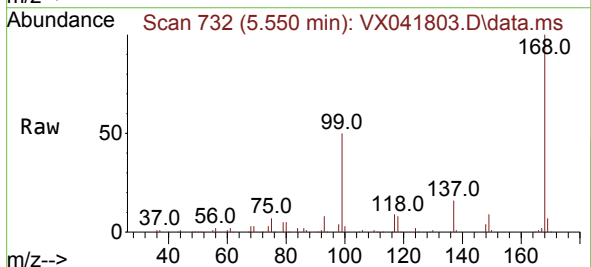
Instrument :
MSVOA_X
ClientSampleId :

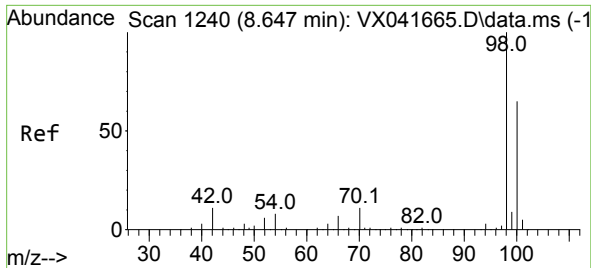
Tgt Ion: 75 Resp: 10238
Ion Ratio Lower Upper
75 100
110 8.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.988 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX041803.D
Acq: 10 Jun 2024 12:25

Tgt Ion: 117 Resp: 14639
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 24.4 36.6#

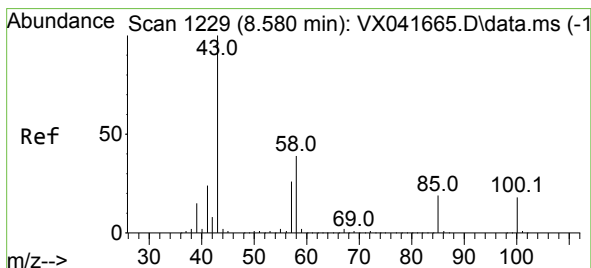
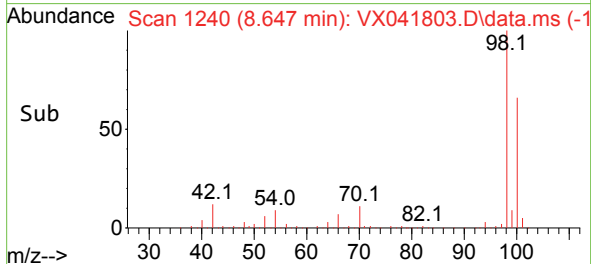
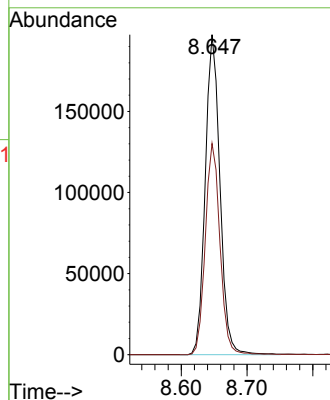
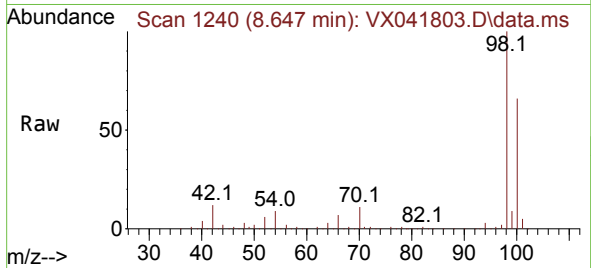




#50
Toluene-d8
Concen: 49.442 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041803.D
Acq: 10 Jun 2024 12:25

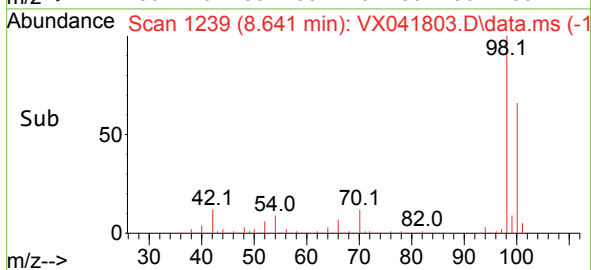
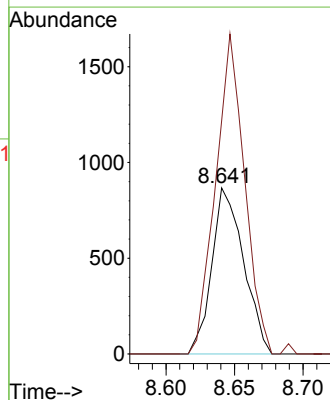
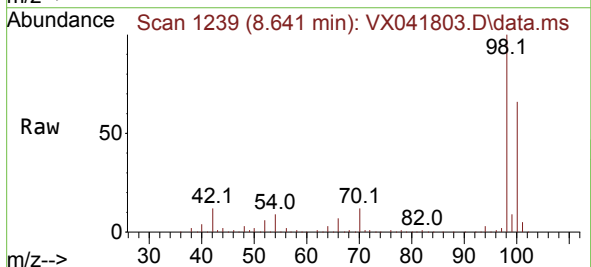
Instrument :
MSVOA_X
ClientSampleId :

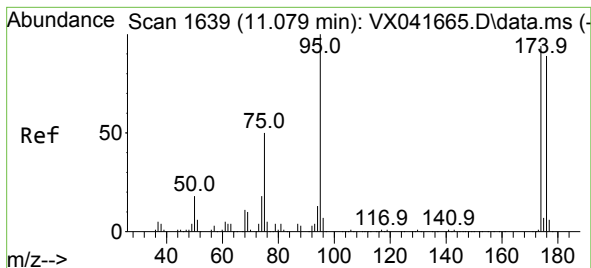
Tgt Ion: 98 Resp: 306980
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.526 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.061 min
Lab File: VX041803.D
Acq: 10 Jun 2024 12:25

Tgt Ion: 43 Resp: 1399
Ion Ratio Lower Upper
43 100
58 176.1 30.4 45.6#

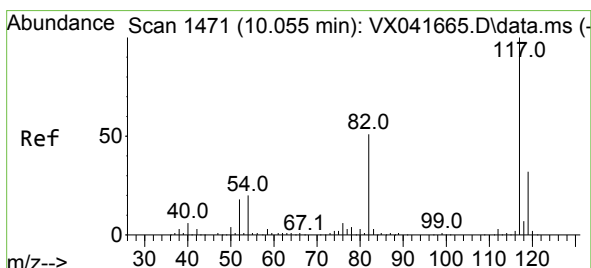
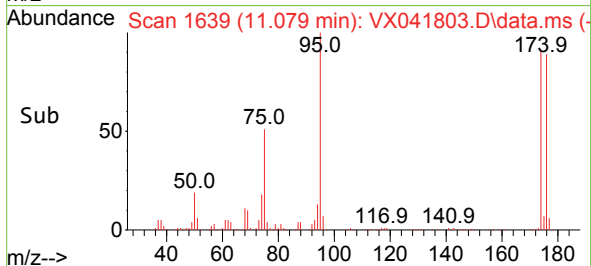
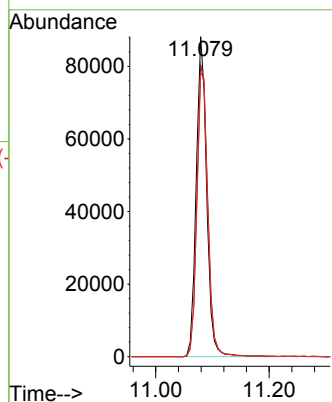
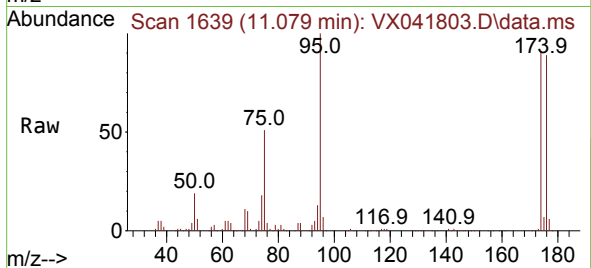




#62
4-Bromofluorobenzene
Concen: 49.233 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041803.D
Acq: 10 Jun 2024 12:25

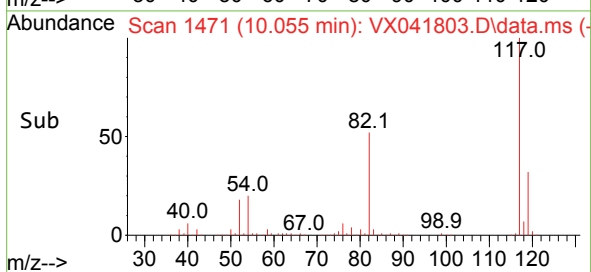
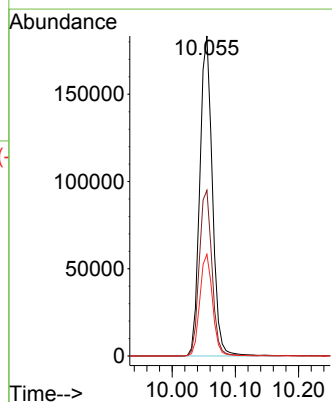
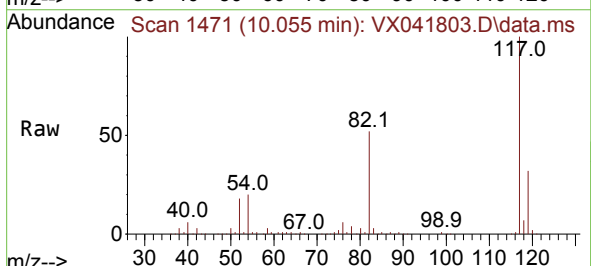
Instrument :
MSVOA_X
ClientSampleId :

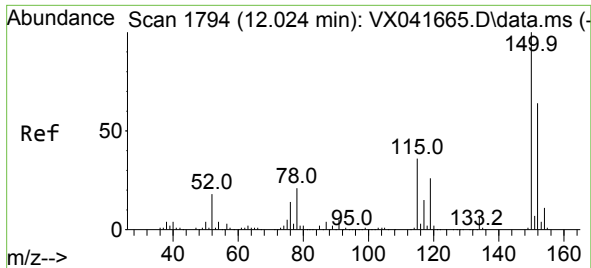
Tgt Ion: 95 Resp: 112822
Ion Ratio Lower Upper
95 100
174 94.9 0.0 135.6
176 92.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041803.D
Acq: 10 Jun 2024 12:25

Tgt Ion: 117 Resp: 254078
Ion Ratio Lower Upper
117 100
82 51.7 46.2 69.4
119 31.8 25.5 38.3

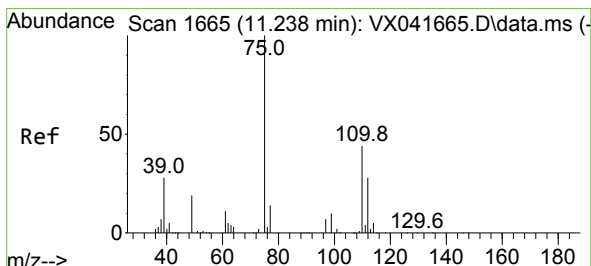
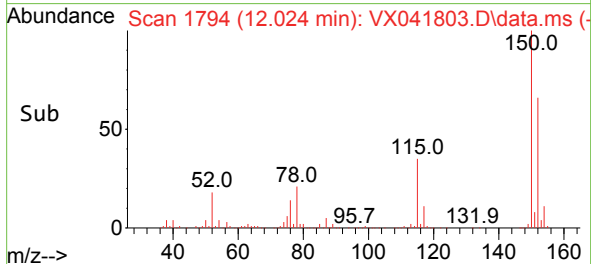
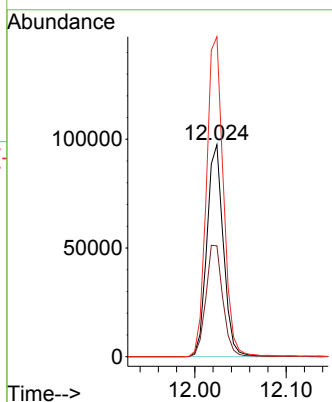
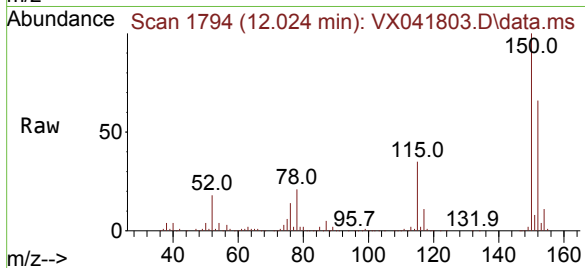




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX041803.D
 Acq: 10 Jun 2024 12:25

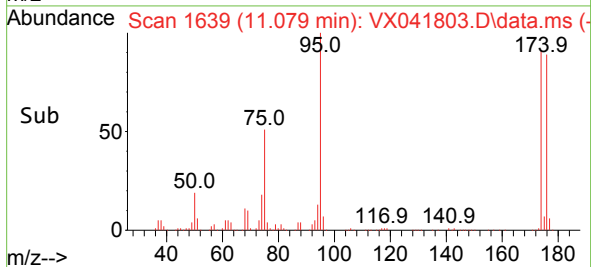
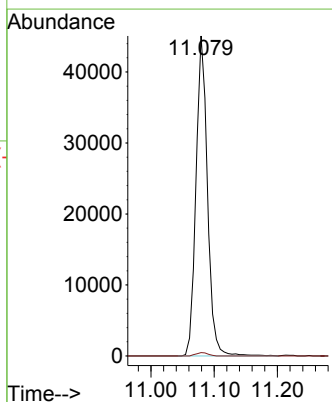
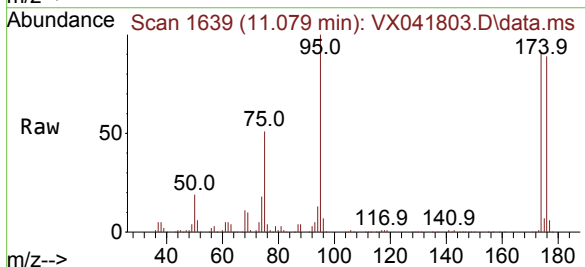
Instrument :
 MSVOA_X
 ClientSampleId :

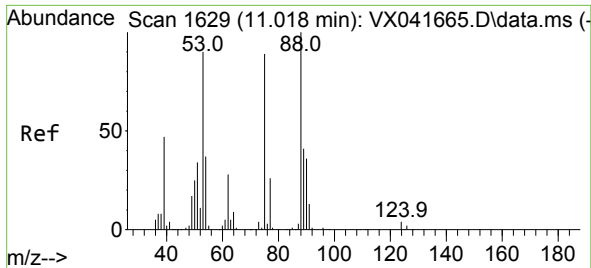
Tgt Ion:152 Resp: 121730
 Ion Ratio Lower Upper
 152 100
 115 54.5 43.3 129.9
 150 155.6 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 26.892 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX041803.D
 Acq: 10 Jun 2024 12:25

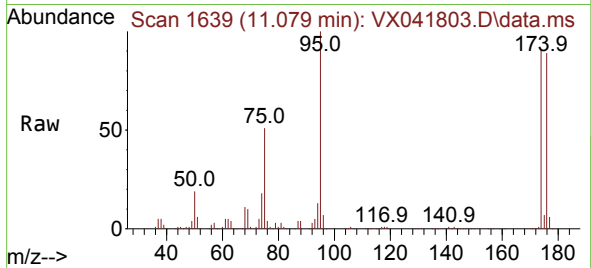
Tgt Ion: 75 Resp: 57117
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.294 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX041803.D
 Acq: 10 Jun 2024 12:25

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 57117
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

