

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061824\
 Data File : VX041924.D
 Acq On : 18 Jun 2024 15:36
 Operator : JC/MD
 Sample : P2891-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 19 08:12:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 19 07:57:22 2024
 Response via : Initial Calibration

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

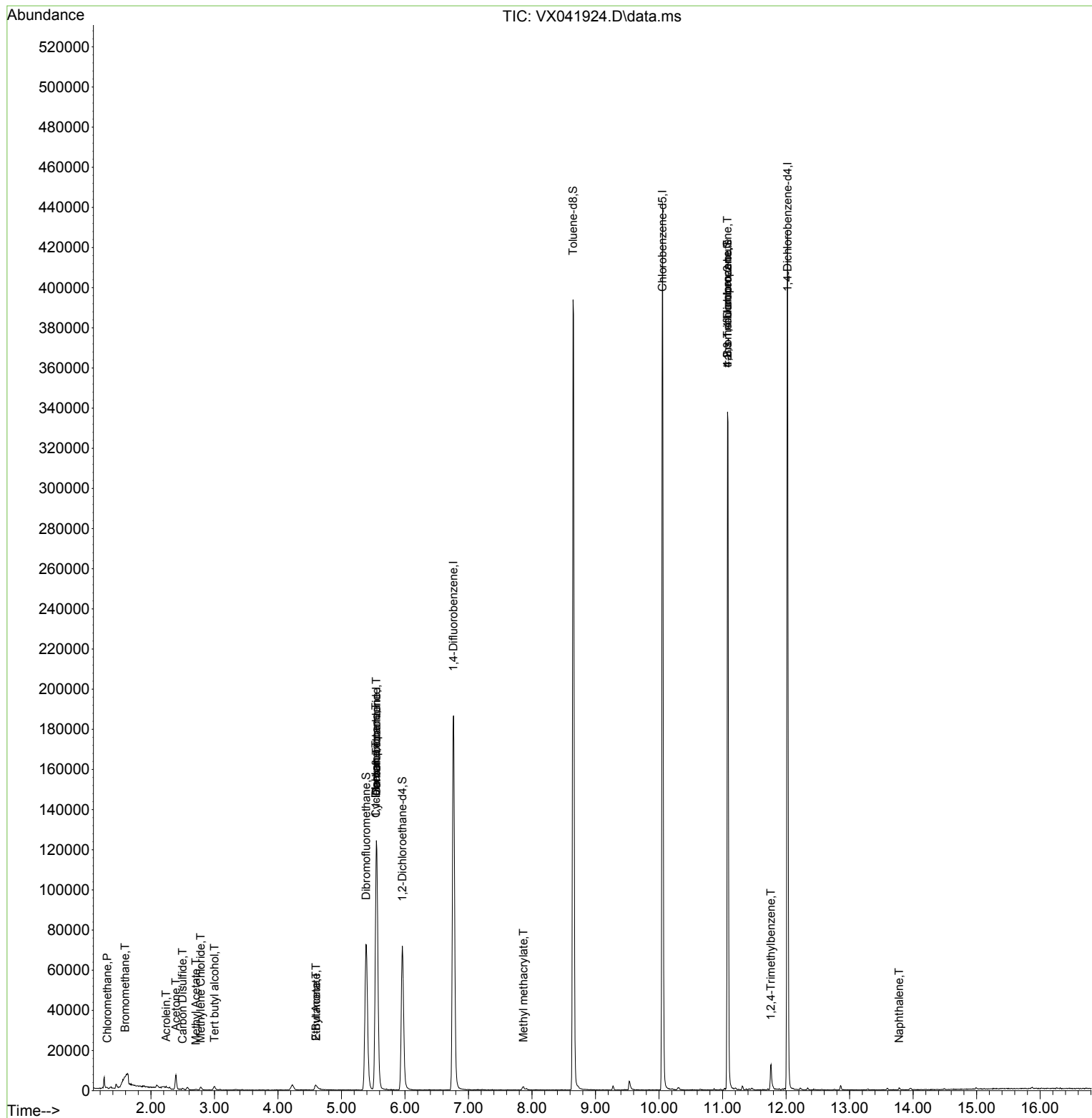
Internal Standards						
1) Pentafluorobenzene	5.550	168	138038	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	212318	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102687	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68548	43.064	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.120%
35) Dibromofluoromethane	5.385	113	64674	42.930	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	85.860%
50) Toluene-d8	8.647	98	254167	48.024	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.040%
62) 4-Bromofluorobenzene	11.079	95	93119	47.731	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.460%
Target Compounds						
						Qvalue
3) Chloromethane	1.313	50	608	0.461	ug/l	# 77
5) Bromomethane	1.593	94	337	0.516	ug/l	97
6) Chloroethane	1.630	64	77	Below Cal	#	43
11) Tert butyl alcohol	3.001	59	2398	7.938	ug/l	# 95
13) Acrolein	2.239	56	86	0.254	ug/l	# 1
16) Acetone	2.392	43	7735	11.067	ug/l	# 87
17) Carbon Disulfide	2.495	76	839	0.346	ug/l	# 85
18) Methyl Acetate	2.709	43	385	0.202	ug/l	# 53
20) Methylene Chloride	2.782	84	861	0.563	ug/l	90
25) 2-Butanone	4.599	43	5935	5.458	ug/l	91
31) Cyclohexane	5.544	56	2240	1.203	ug/l	# 8
36) 1,1-Dichloropropene	5.544	75	8069	5.044	ug/l	# 50
37) Ethyl Acetate	4.599	43	5935	2.848	ug/l	# 69
38) Carbon Tetrachloride	5.550	117	11291	6.388	ug/l	# 15
48) Methyl methacrylate	7.866	41	923	0.605	ug/l	# 40
76) 1,2,3-Trichloropropane	11.079	75	42600	22.852	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	42600	64.897	ug/l	# 5
84) 1,2,4-Trimethylbenzene	11.762	105	5092	0.976	ug/l	# 38
95) Naphthalene	13.780	128	1124	0.898	ug/l	# 91

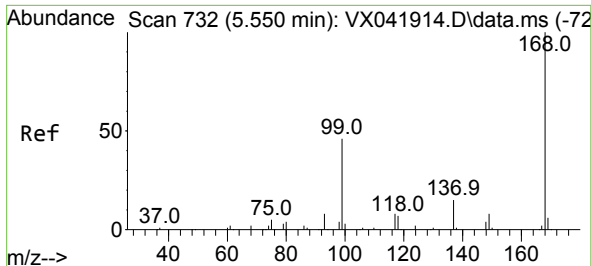
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 19 07:57:22 2024
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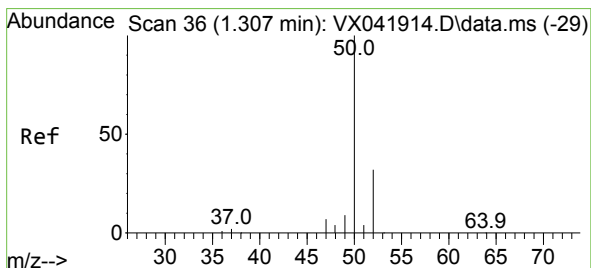
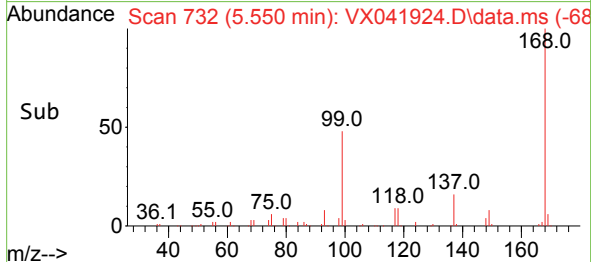
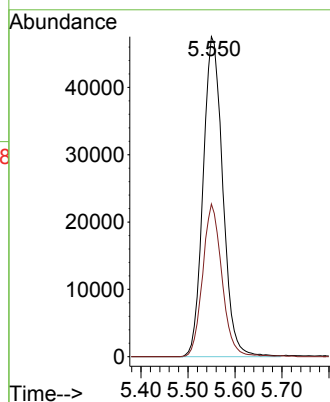
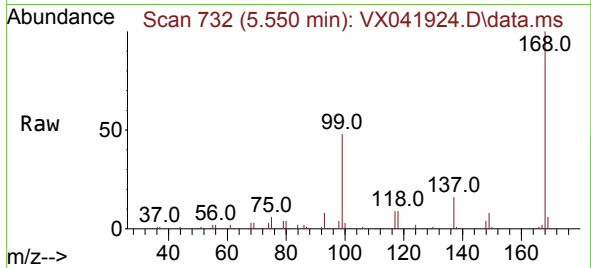




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041924.D
Acq: 18 Jun 2024 15:36

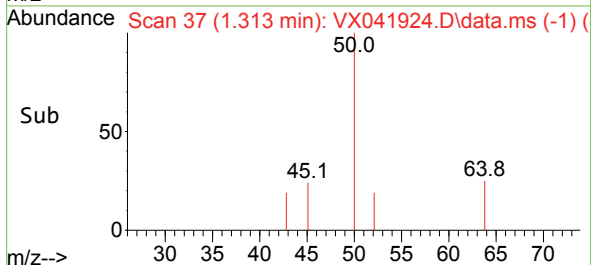
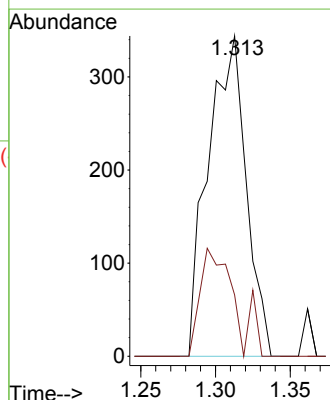
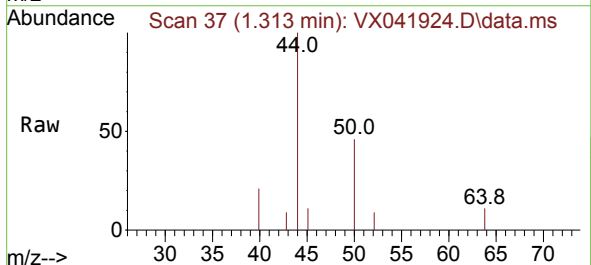
Instrument :
MSVOA_X
ClientSampleId :

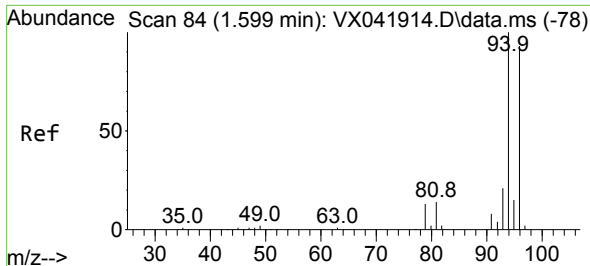
Tgt Ion:168 Resp: 138038
Ion Ratio Lower Upper
168 100
99 47.7 56.6 85.0#



#3
Chloromethane
Concen: 0.461 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.006 min
Lab File: VX041924.D
Acq: 18 Jun 2024 15:36

Tgt Ion: 50 Resp: 608
Ion Ratio Lower Upper
50 100
52 19.2 25.5 38.3#

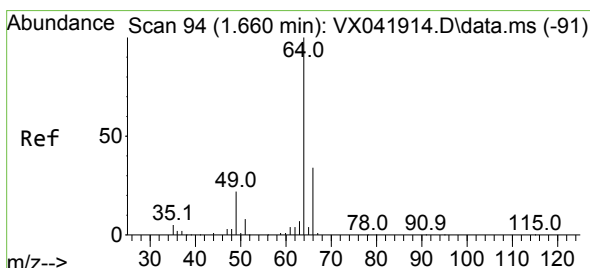
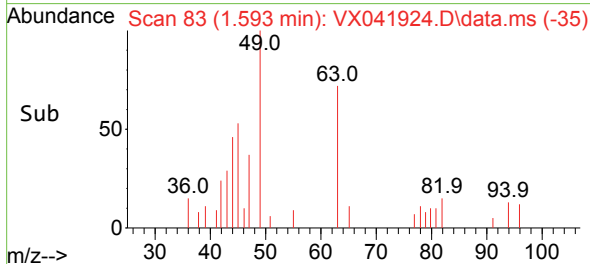
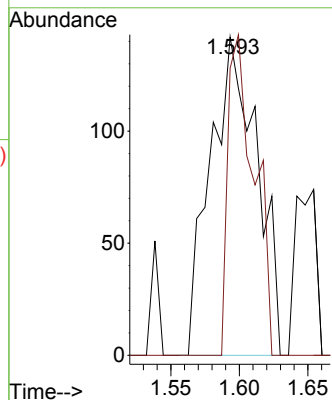
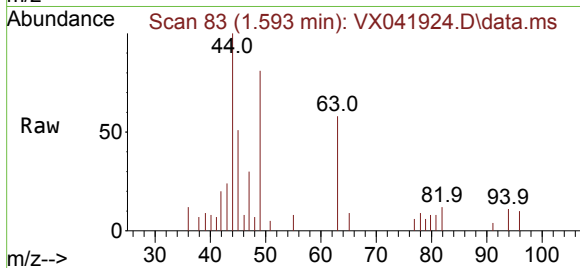




#5
Bromomethane
Concen: 0.516 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX041924.D
Acq: 18 Jun 2024 15:36

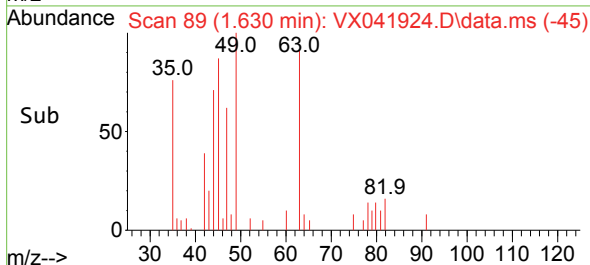
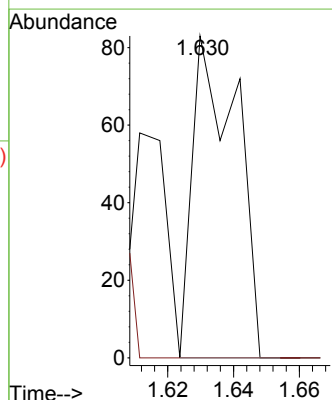
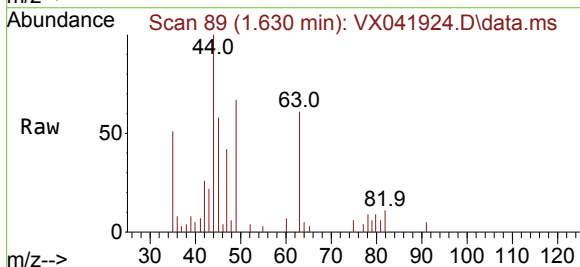
Instrument :
MSVOA_X
ClientSampleId :

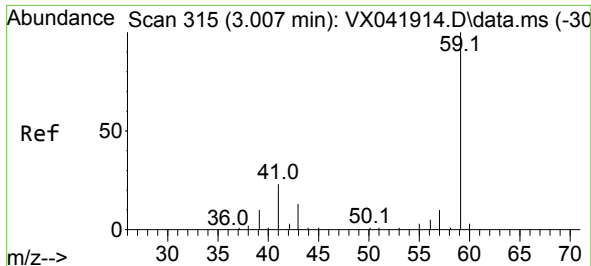
Tgt Ion: 94 Resp: 337
Ion Ratio Lower Upper
94 100
96 90.1 74.6 111.8



#6
Chloroethane
Concen: Below Cal
RT: 1.630 min Scan# 89
Delta R.T. -0.030 min
Lab File: VX041924.D
Acq: 18 Jun 2024 15:36

Tgt Ion: 64 Resp: 77
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 7.938 ug/l

RT: 3.001 min Scan# 315

Delta R.T. -0.006 min

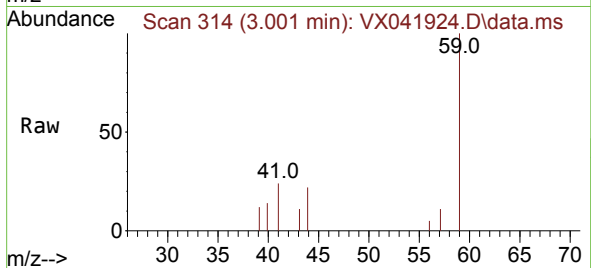
Lab File: VX041924.D

Acq: 18 Jun 2024 15:36

Instrument :

MSVOA_X

ClientSampleId :

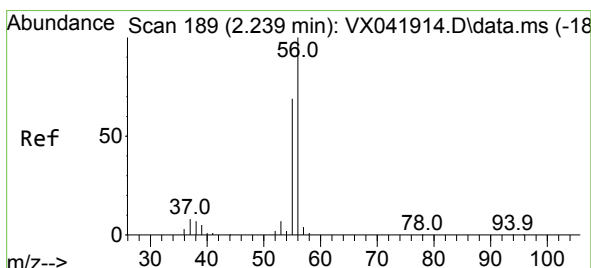
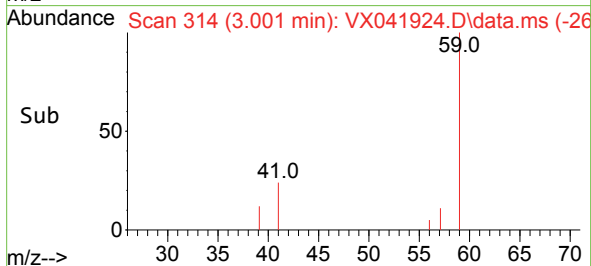
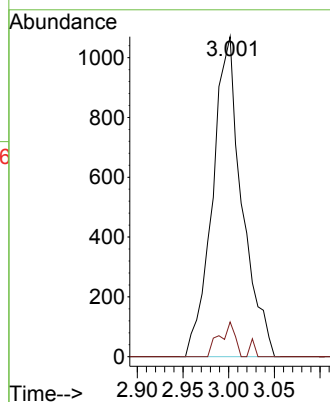


Tgt Ion: 59 Resp: 2398

Ion Ratio Lower Upper

59 100

57 5.7 6.0 9.0#



#13

Acrolein

Concen: 0.254 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX041924.D

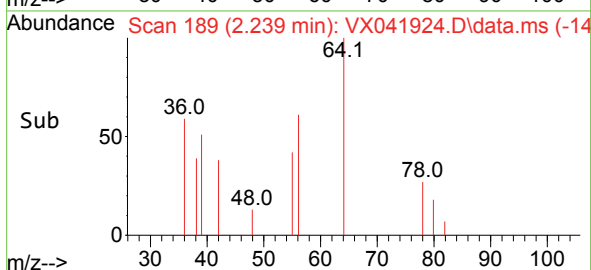
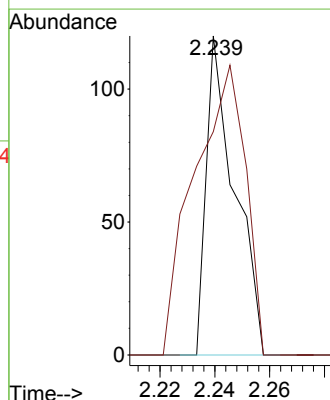
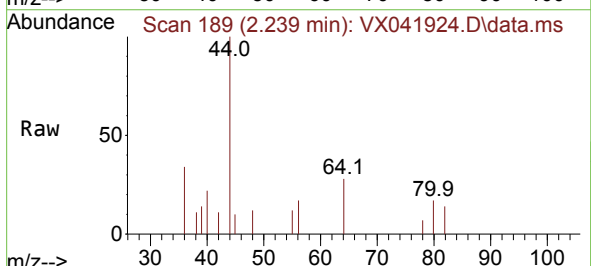
Acq: 18 Jun 2024 15:36

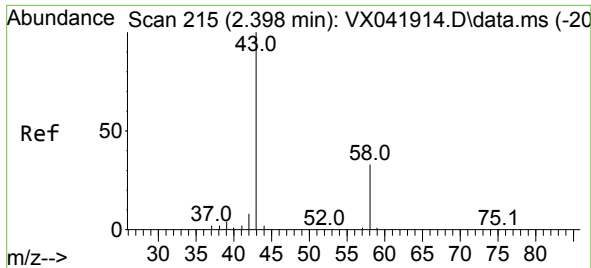
Tgt Ion: 56 Resp: 86

Ion Ratio Lower Upper

56 100

55 165.1 57.1 85.7#

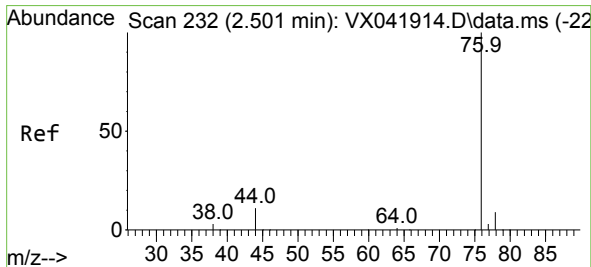
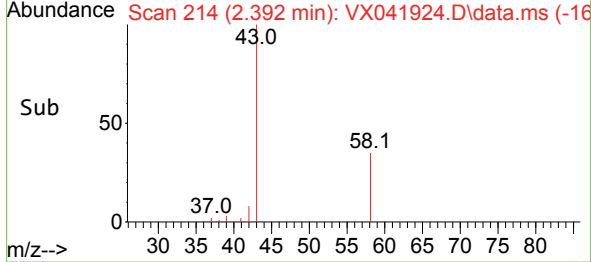
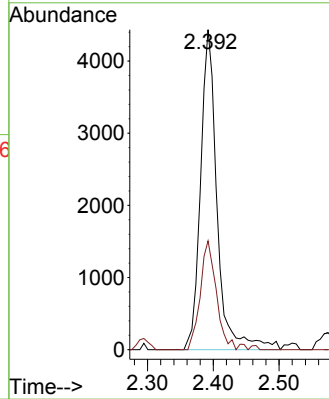
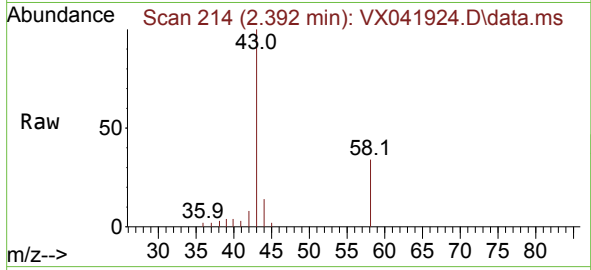




#16
Acetone
Concen: 11.067 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX041924.D
Acq: 18 Jun 2024 15:36

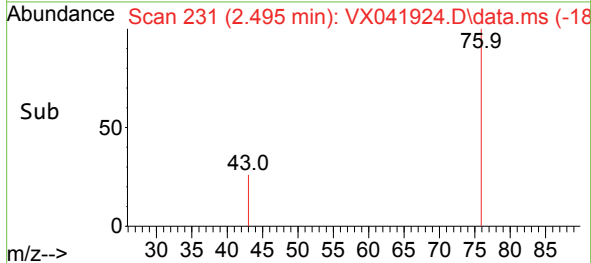
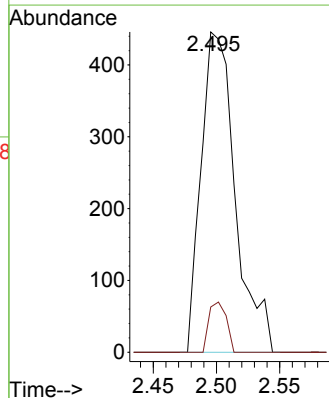
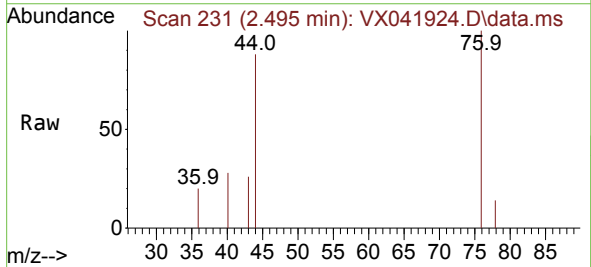
Instrument :
MSVOA_X
ClientSampleId :

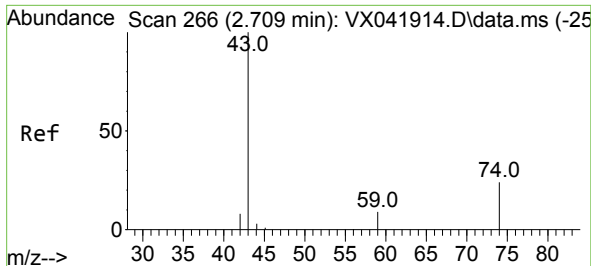
Tgt Ion: 43 Resp: 7735
Ion Ratio Lower Upper
43 100
58 34.0 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.346 ug/l
RT: 2.495 min Scan# 231
Delta R.T. -0.006 min
Lab File: VX041924.D
Acq: 18 Jun 2024 15:36

Tgt Ion: 76 Resp: 839
Ion Ratio Lower Upper
76 100
78 14.1 7.0 10.6#

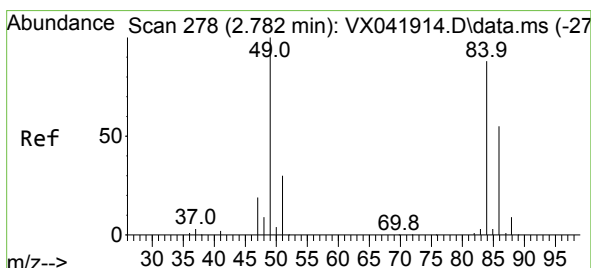
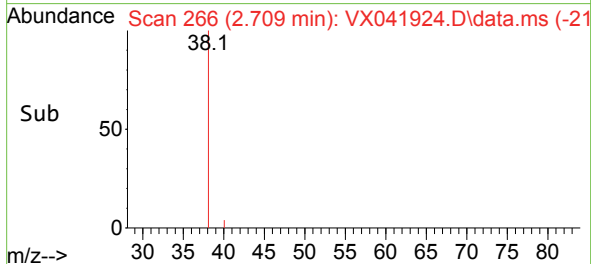
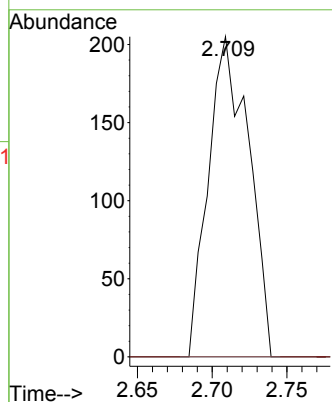
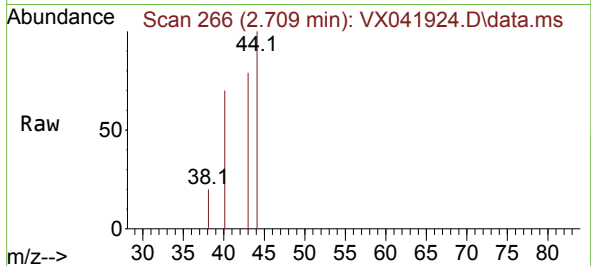




#18
Methyl Acetate
Concen: 0.202 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX041924.D
Acq: 18 Jun 2024 15:36

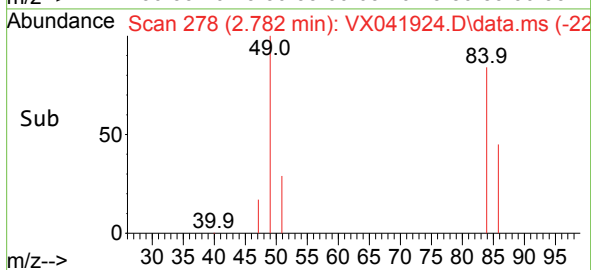
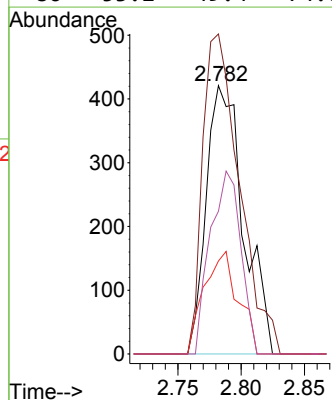
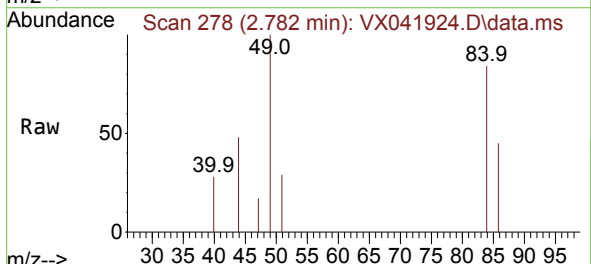
Instrument :
MSVOA_X
ClientSampleId :

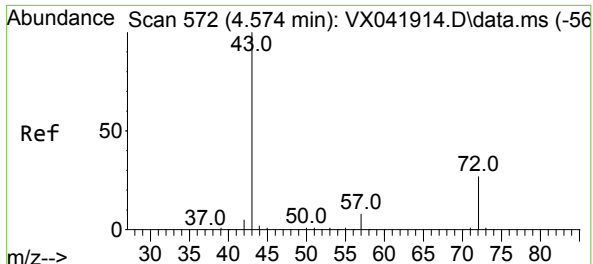
Tgt Ion: 43 Resp: 385
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#20
Methylene Chloride
Concen: 0.563 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX041924.D
Acq: 18 Jun 2024 15:36

Tgt Ion: 84 Resp: 861
Ion Ratio Lower Upper
84 100
49 119.2 103.6 155.4
51 34.7 33.8 50.6
86 53.2 49.4 74.0

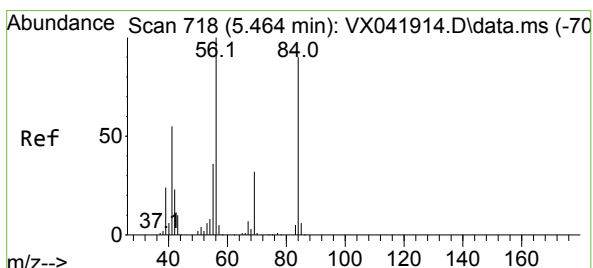
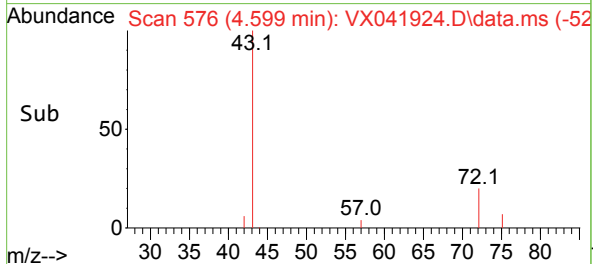
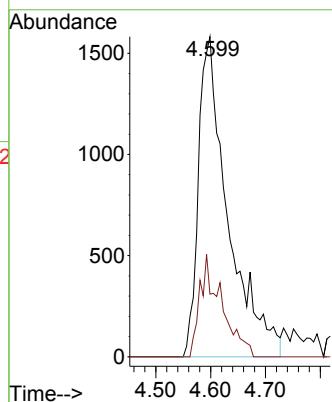
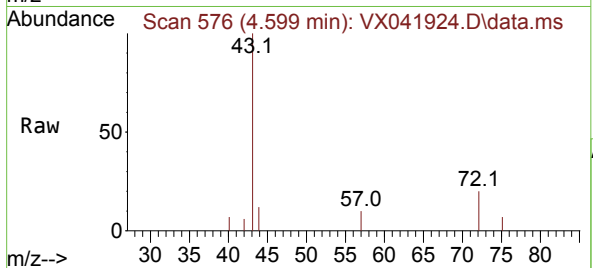




#25
2-Butanone
Concen: 5.458 ug/l
RT: 4.599 min Scan# 51
Delta R.T. 0.025 min
Lab File: VX041924.D
Acq: 18 Jun 2024 15:36

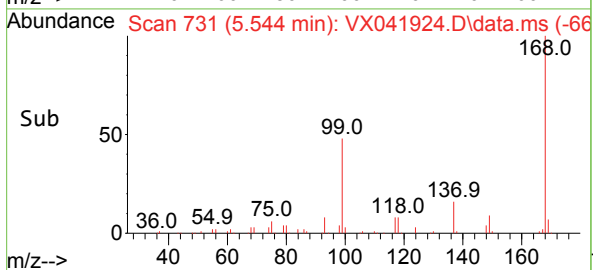
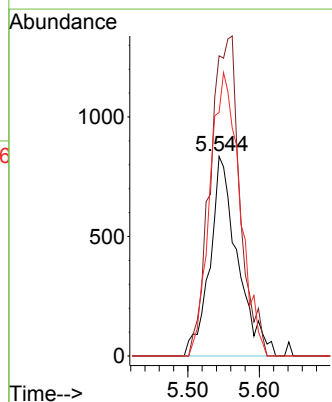
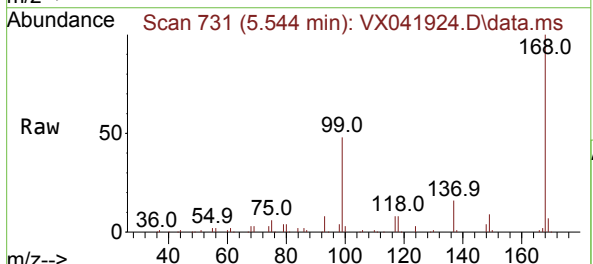
Instrument :
MSVOA_X
ClientSampleId :

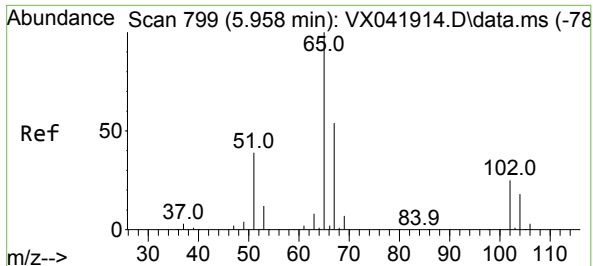
Tgt Ion: 43 Resp: 5935
Ion Ratio Lower Upper
43 100
72 19.6 19.4 29.2



#31
Cyclohexane
Concen: 1.203 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX041924.D
Acq: 18 Jun 2024 15:36

Tgt Ion: 56 Resp: 2240
Ion Ratio Lower Upper
56 100
69 150.4 23.4 35.2#
84 122.0 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 43.064 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX041924.D

Acq: 18 Jun 2024 15:36

Instrument :

MSVOA_X

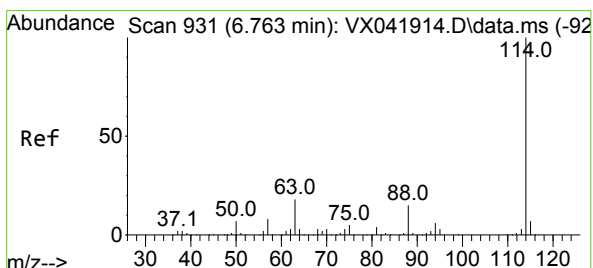
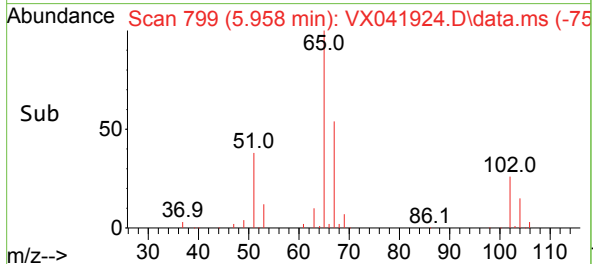
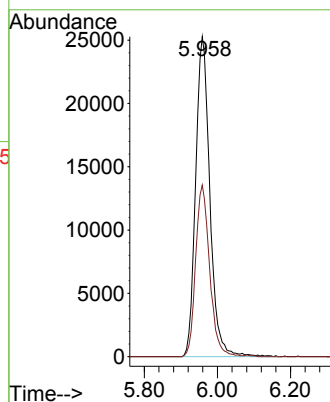
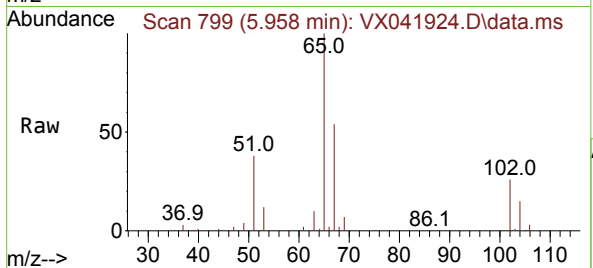
ClientSampleId :

Tgt Ion: 65 Resp: 68548

Ion Ratio Lower Upper

65 100

67 52.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX041924.D

Acq: 18 Jun 2024 15:36

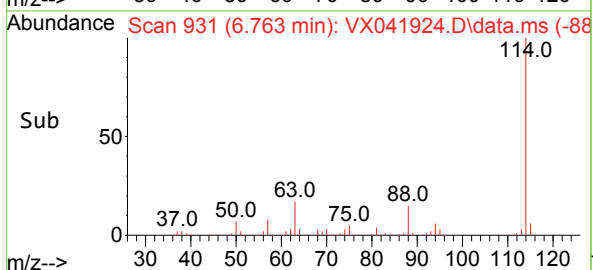
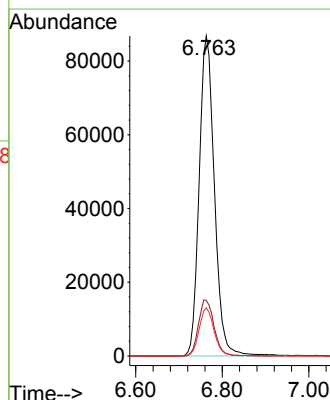
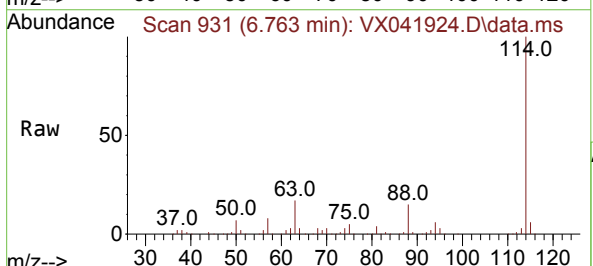
Tgt Ion: 114 Resp: 212318

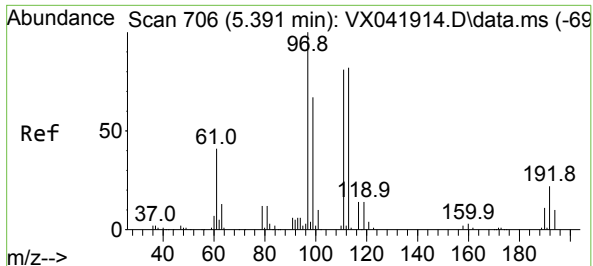
Ion Ratio Lower Upper

114 100

63 17.4 0.0 45.0

88 15.0 0.0 36.6

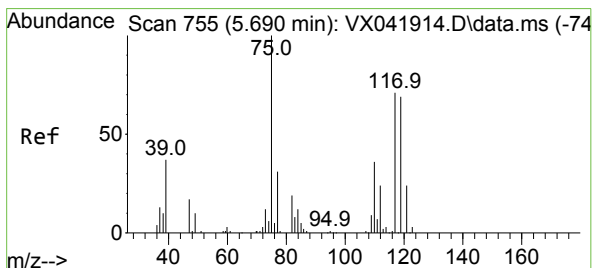
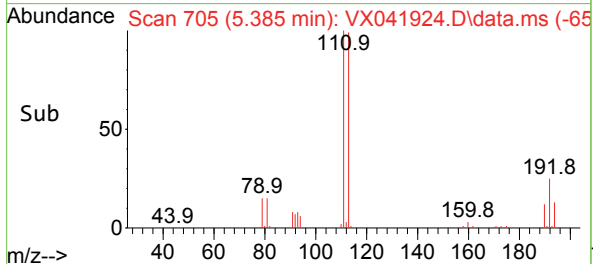
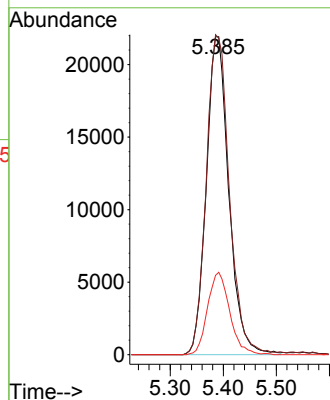
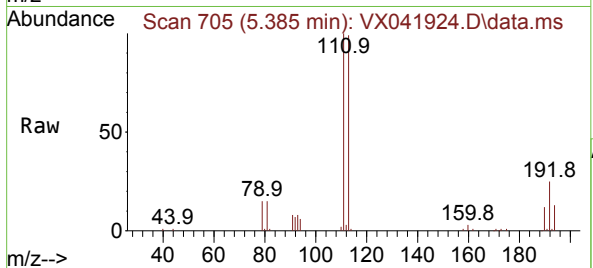




#35
Dibromofluoromethane
Concen: 42.930 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX041924.D
Acq: 18 Jun 2024 15:36

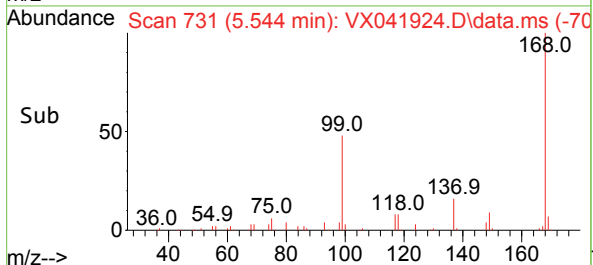
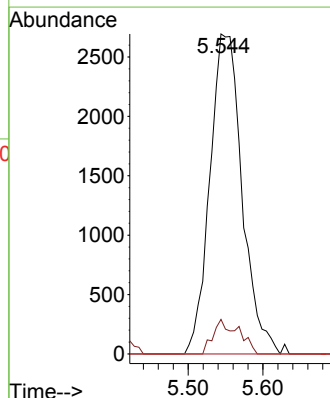
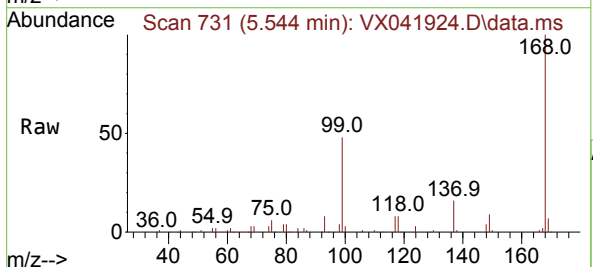
Instrument :
MSVOA_X
ClientSampleId :

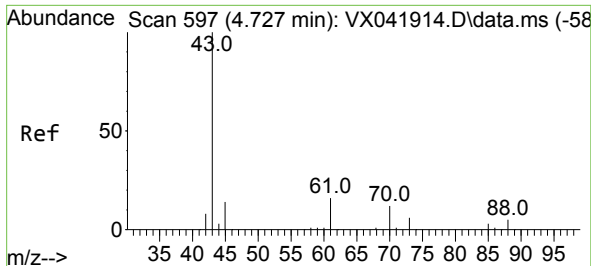
Tgt Ion:113 Resp: 64674
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 25.5 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 5.044 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX041924.D
Acq: 18 Jun 2024 15:36

Tgt Ion: 75 Resp: 8069
Ion Ratio Lower Upper
75 100
110 8.5 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 2.848 ug/l

RT: 4.599 min Scan# 51

Delta R.T. -0.128 min

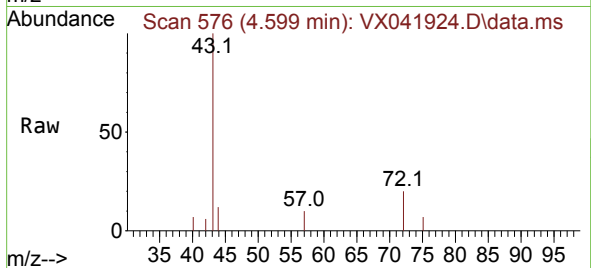
Lab File: VX041924.D

Acq: 18 Jun 2024 15:36

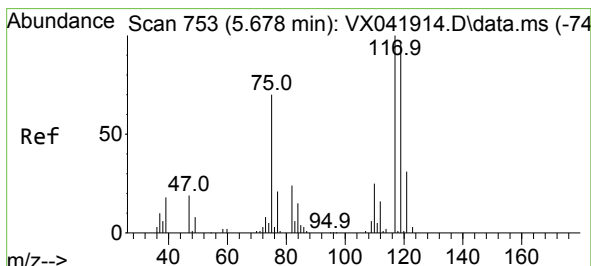
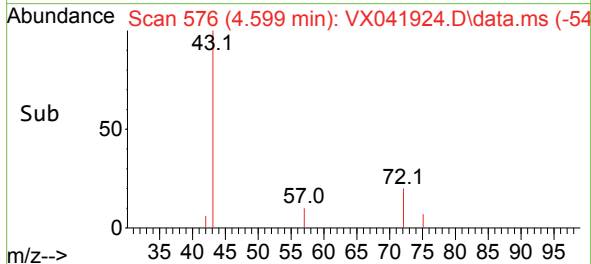
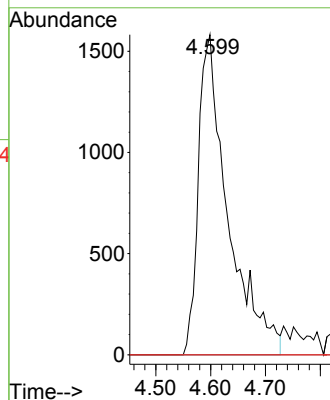
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	43	Resp:	5935
Ion Ratio	Lower	Upper	
43	100		
61	0.0	10.6	16.0#
70	0.0	8.3	12.5#



#38

Carbon Tetrachloride

Concen: 6.388 ug/l

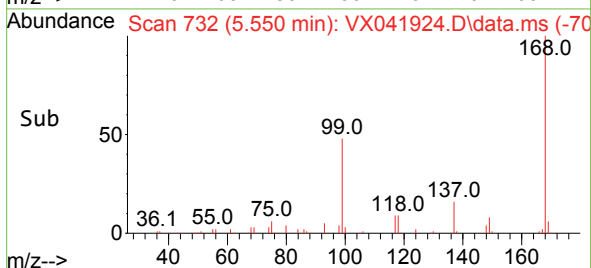
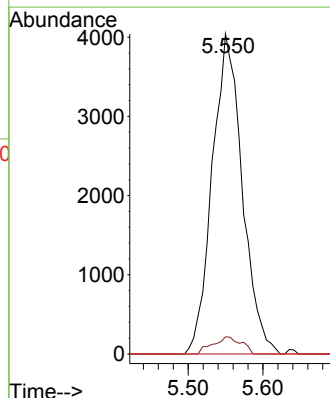
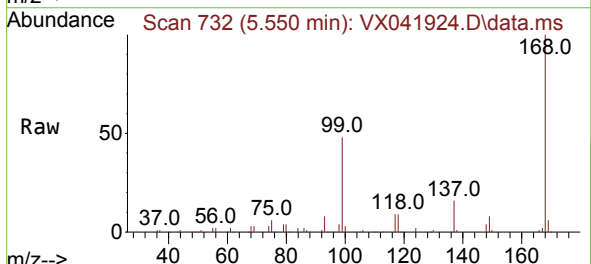
RT: 5.550 min Scan# 732

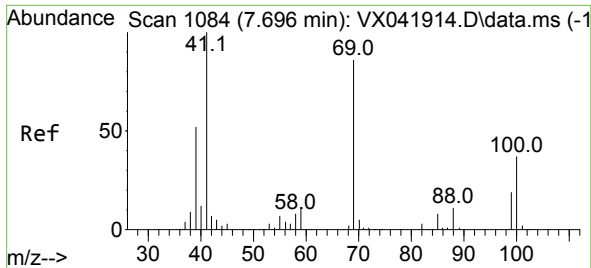
Delta R.T. -0.128 min

Lab File: VX041924.D

Acq: 18 Jun 2024 15:36

Tgt Ion:	117	Resp:	11291
Ion Ratio	Lower	Upper	
117	100		
119	5.3	78.2	117.2#
121	0.0	24.4	36.6#

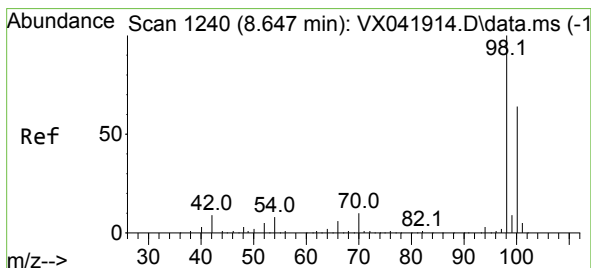
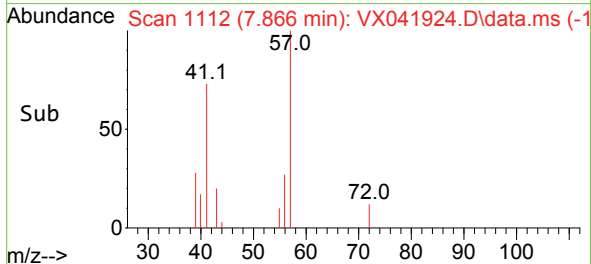
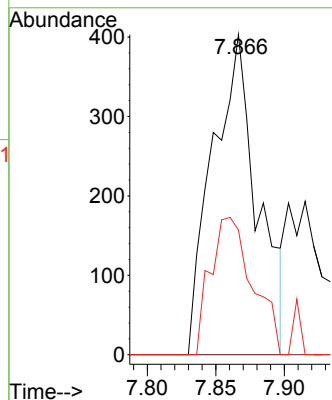
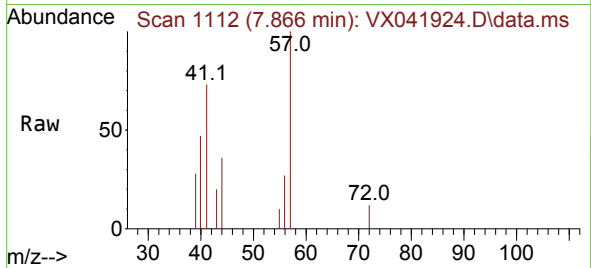




#48
Methyl methacrylate
Concen: 0.605 ug/l
RT: 7.866 min Scan# 1112
Delta R.T. 0.171 min
Lab File: VX041924.D
Acq: 18 Jun 2024 15:36

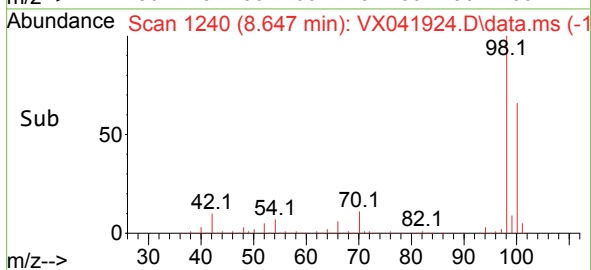
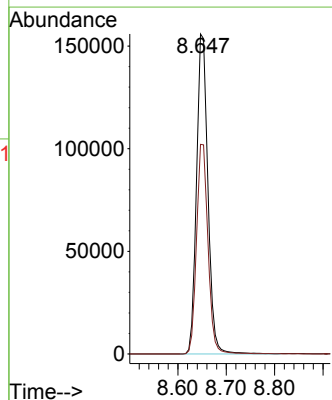
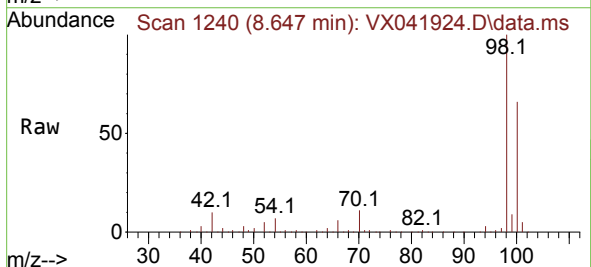
Instrument :
MSVOA_X
ClientSampleId :

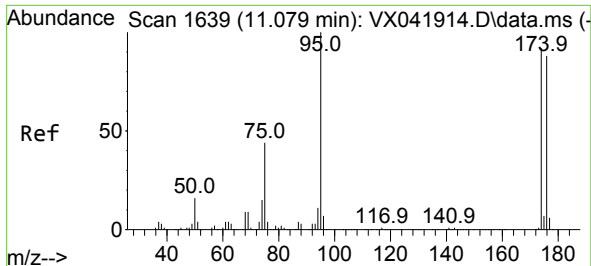
Tgt Ion: 41 Resp: 923
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 40.4 47.7 71.5#



#50
Toluene-d8
Concen: 48.024 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041924.D
Acq: 18 Jun 2024 15:36

Tgt Ion: 98 Resp: 254167
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7

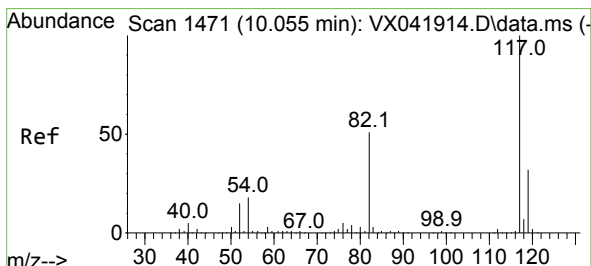
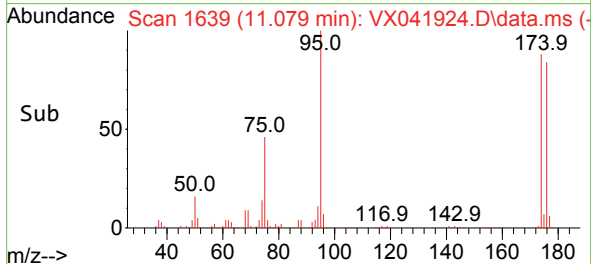
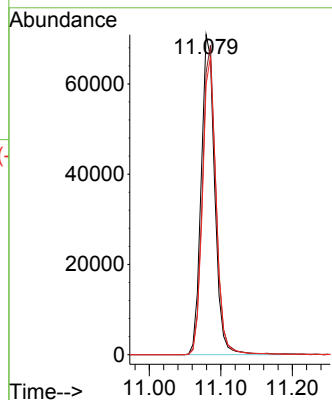
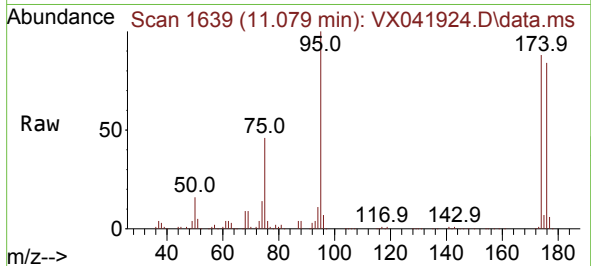




#62
4-Bromofluorobenzene
Concen: 47.731 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041924.D
Acq: 18 Jun 2024 15:36

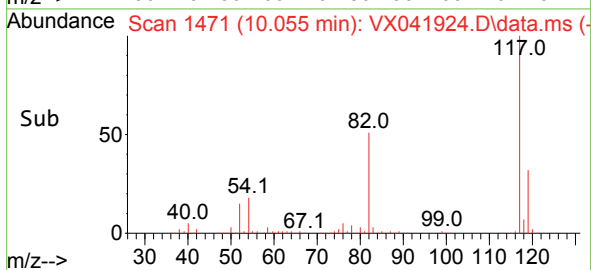
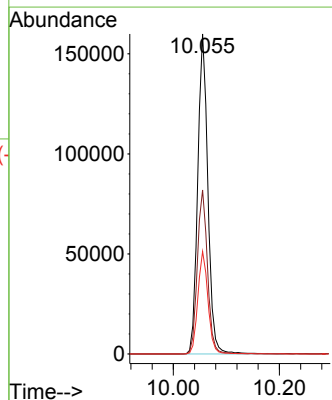
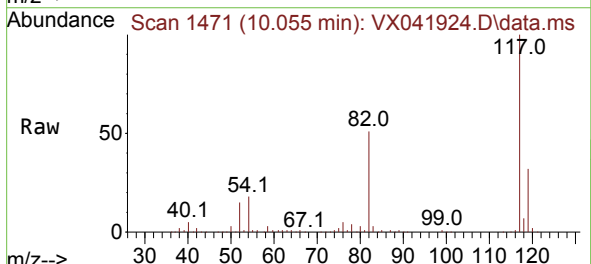
Instrument :
MSVOA_X
ClientSampleId :

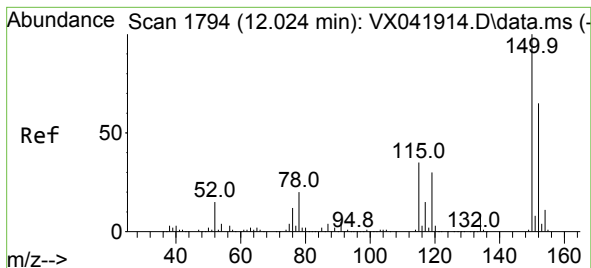
Tgt Ion: 95 Resp: 93119
Ion Ratio Lower Upper
95 100
174 96.5 0.0 135.6
176 93.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041924.D
Acq: 18 Jun 2024 15:36

Tgt Ion: 117 Resp: 212697
Ion Ratio Lower Upper
117 100
82 51.2 46.2 69.4
119 32.1 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: VX041924.D

Acq: 18 Jun 2024 15:36

Instrument :

MSVOA_X

ClientSampleId :

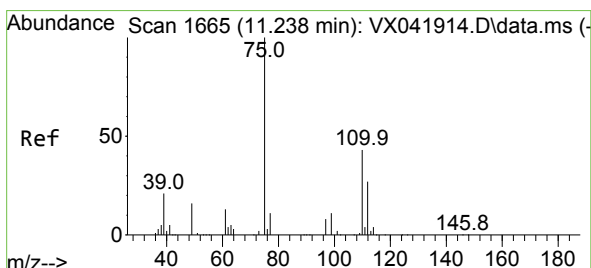
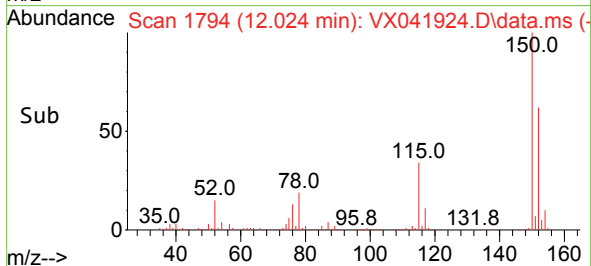
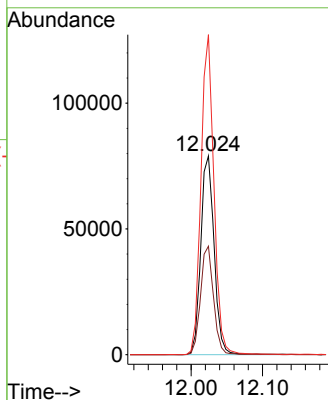
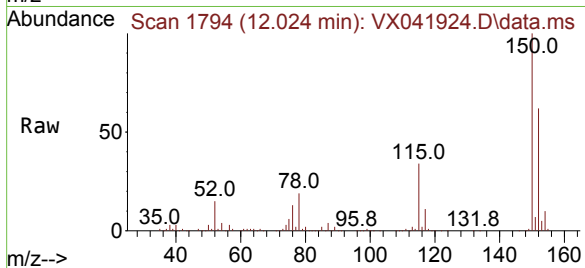
Tgt Ion:152 Resp: 102687

Ion Ratio Lower Upper

152 100

115 53.0 43.3 129.9

150 156.1 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.852 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041924.D

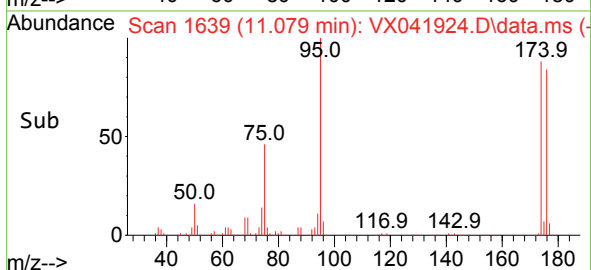
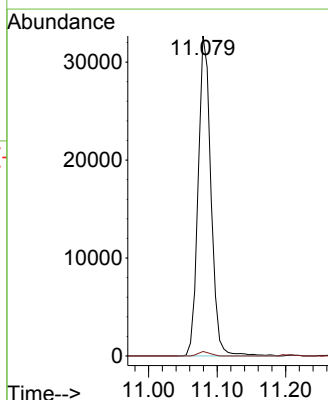
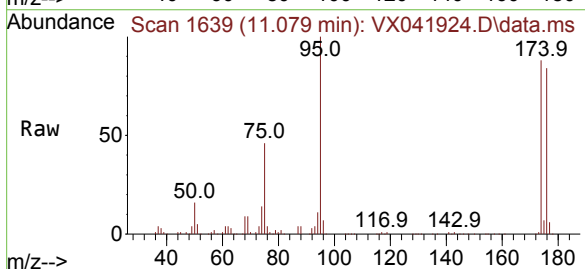
Acq: 18 Jun 2024 15:36

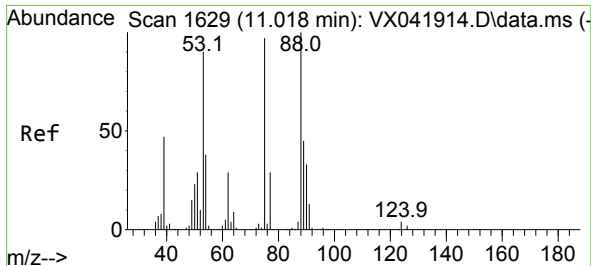
Tgt Ion: 75 Resp: 42600

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#

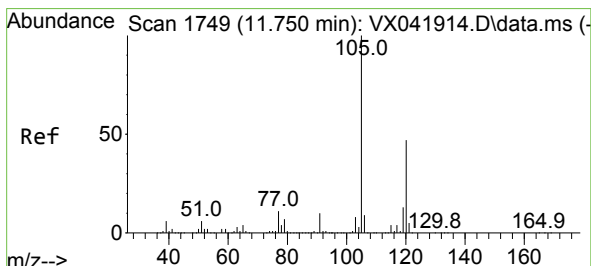
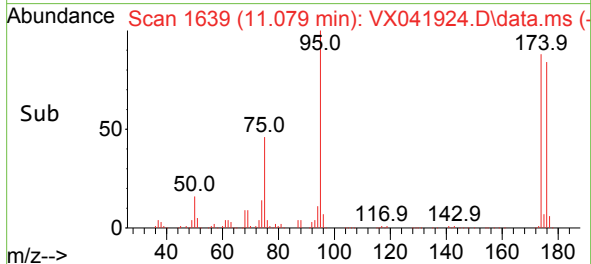
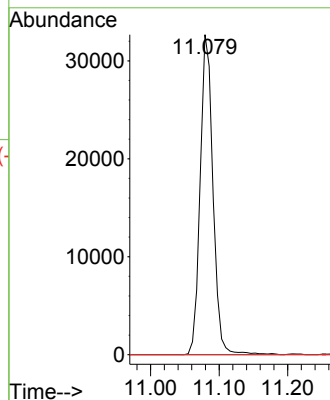
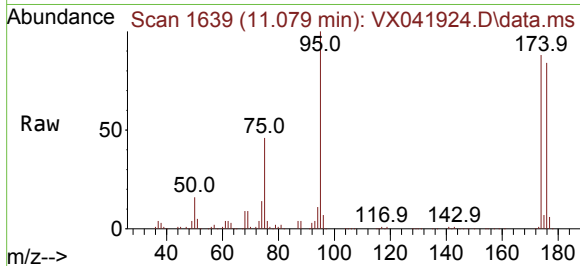




#81
trans-1,4-Dichloro-2-butene
Concen: 64.897 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX041924.D
Acq: 18 Jun 2024 15:36

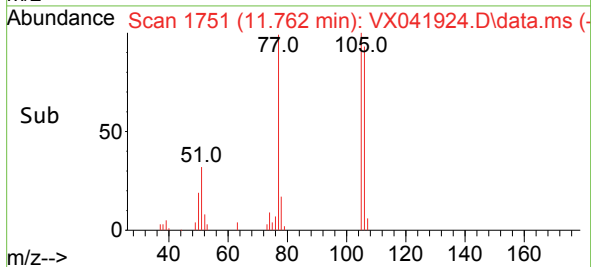
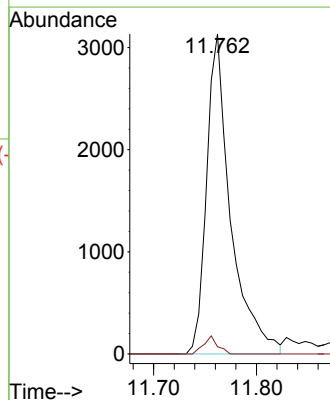
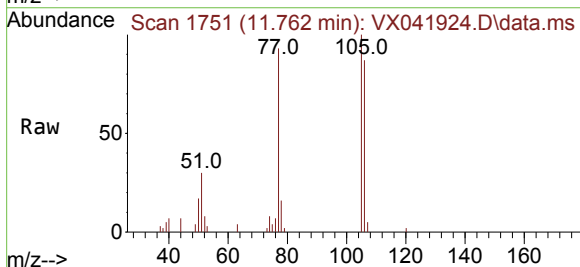
Instrument :
MSVOA_X
ClientSampleId :

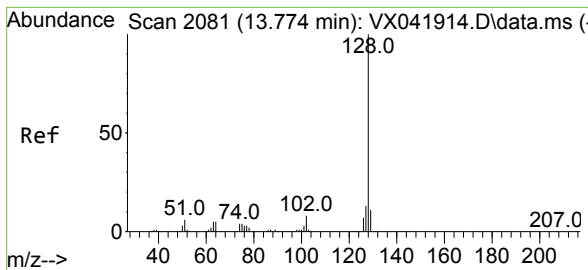
Tgt Ion: 75 Resp: 42600
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.976 ug/l
RT: 11.762 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VX041924.D
Acq: 18 Jun 2024 15:36

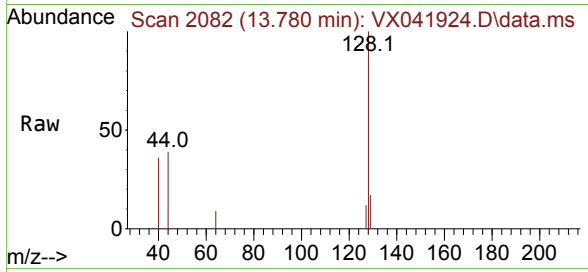
Tgt Ion: 105 Resp: 5092
Ion Ratio Lower Upper
105 100
120 3.3 21.2 63.6#





#95
Naphthalene
Concen: 0.898 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX041924.D
Acq: 18 Jun 2024 15:36

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	1124
Ion	Ratio	Lower	Upper
128	100		
127	10.1	10.3	15.5#
129	6.6	8.8	13.2#

