

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060324\
 Data File : VX041716.D
 Acq On : 03 Jun 2024 19:48
 Operator : JC/MD
 Sample : P2657-14 100X
 Misc : 5.06g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 04 00:54:51 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)

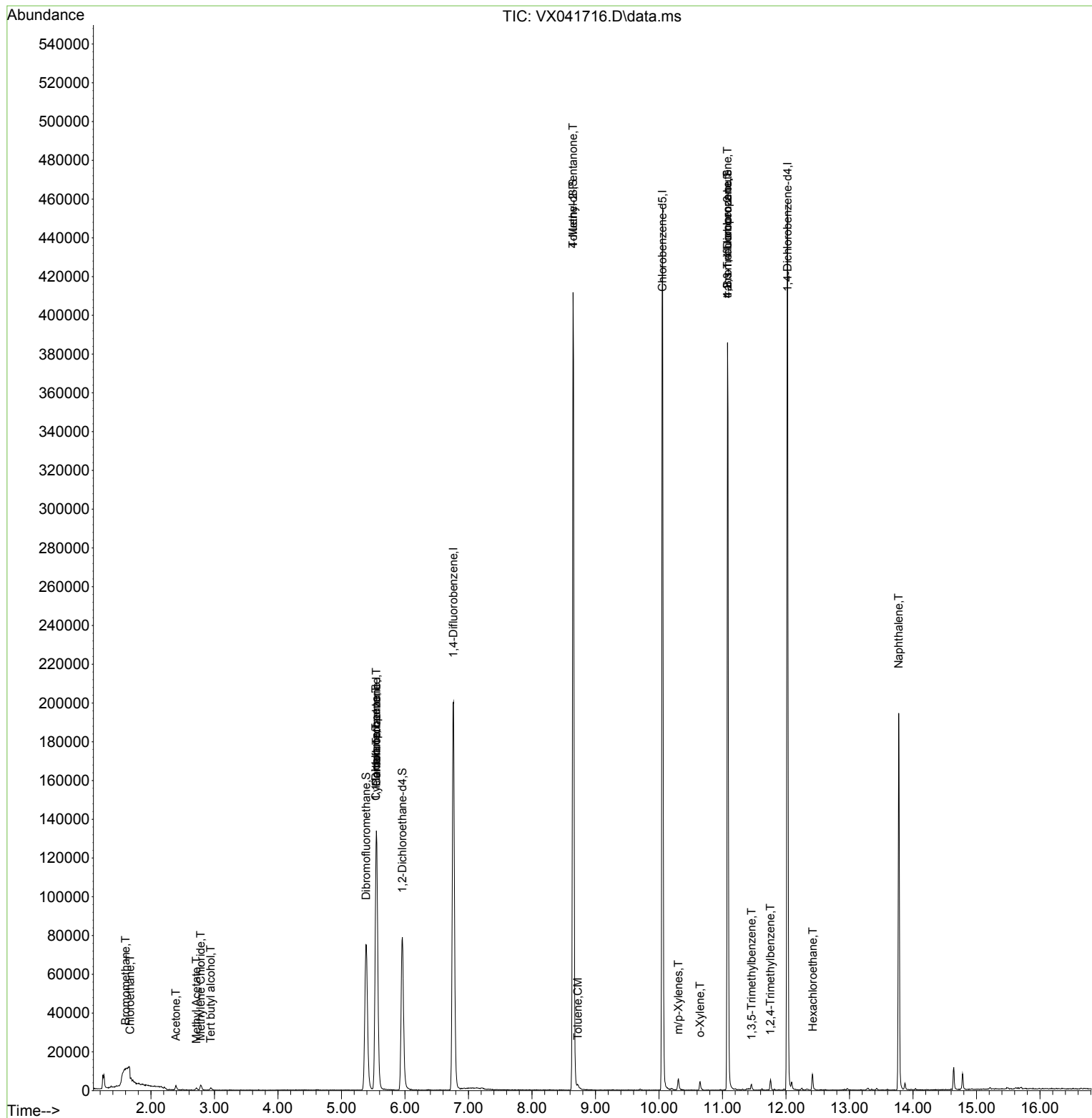
Internal Standards						
1) Pentafluorobenzene	5.550	168	141201	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	212107	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79896	46.135	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.280%
35) Dibromofluoromethane	5.385	113	66559	45.386	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.780%
50) Toluene-d8	8.647	98	250485	48.884	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.760%
62) 4-Bromofluorobenzene	11.079	95	95567	50.532	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.060%
Target Compounds						
						Qvalue
5) Bromomethane	1.599	94	296	0.305	ug/l	92
6) Chloroethane	1.673	64	443	0.526	ug/l	99
11) Tert butyl alcohol	2.941	59	645	2.105	ug/l	# 78
16) Acetone	2.392	43	2568	0.689	ug/l	100
18) Methyl Acetate	2.715	43	1452	0.878	ug/l	# 89
20) Methylene Chloride	2.782	84	1271	0.820	ug/l	# 86
31) Cyclohexane	5.544	56	2379	1.164	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	9085	5.116	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	12720	6.305	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	1222	0.557	ug/l	# 1
52) Toluene	8.720	92	833	0.236	ug/l	88
68) m/p-Xylenes	10.305	106	1679	0.586	ug/l	87
69) o-Xylene	10.647	106	1189	0.417	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	49252	26.564	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.457	105	1682	0.306	ug/l	91
81) trans-1,4-Dichloro-2-b...	11.079	75	49252	72.399	ug/l	# 5
84) 1,2,4-Trimethylbenzene	11.756	105	2864	0.514	ug/l	93
90) Hexachloroethane	12.421	117	329	0.325	ug/l	# 17
95) Naphthalene	13.774	128	126179	18.330	ug/l	100

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

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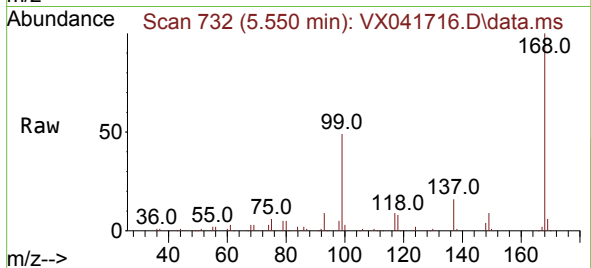
Quant Time: Jun 04 00:54:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
QLast Update : Thu May 30 07:36:24 2024
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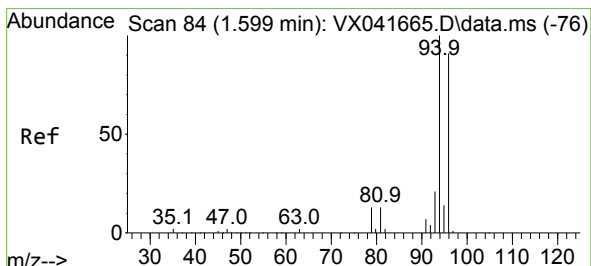
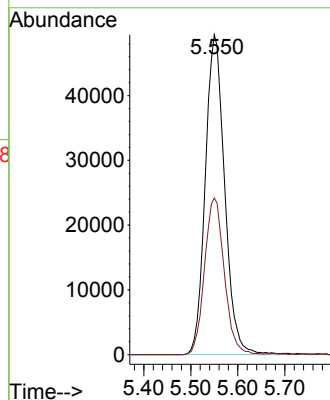
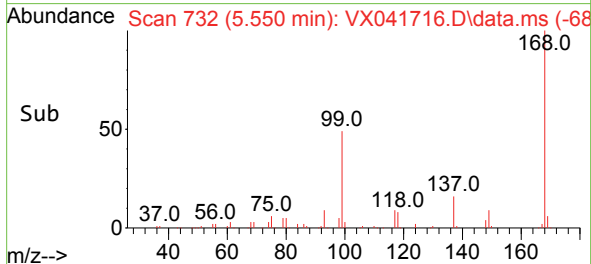


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041716.D
Acq: 03 Jun 2024 19:48

Instrument :
MSVOA_X
ClientSampleId :

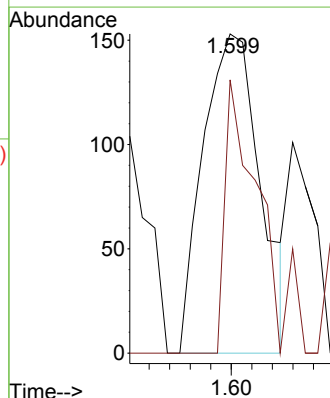
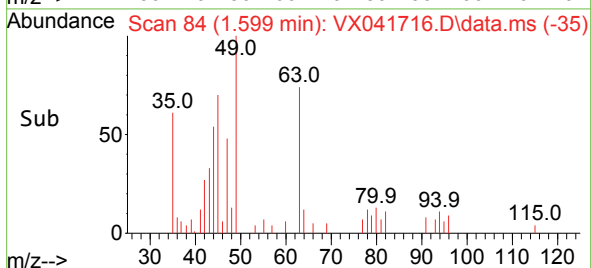
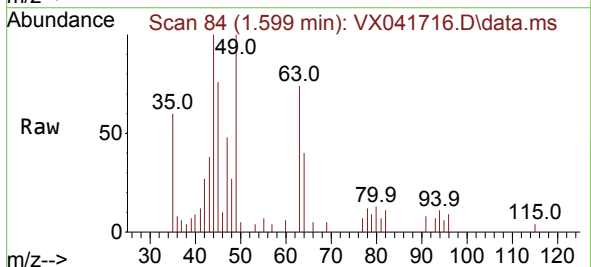


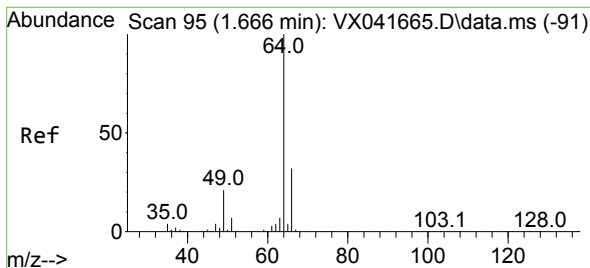
Tgt Ion:168 Resp: 141201
Ion Ratio Lower Upper
168 100
99 49.0 56.6 85.0#



#5
Bromomethane
Concen: 0.305 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041716.D
Acq: 03 Jun 2024 19:48

Tgt Ion: 94 Resp: 296
Ion Ratio Lower Upper
94 100
96 85.6 74.6 111.8





#6

Chloroethane

Concen: 0.526 ug/l

RT: 1.673 min Scan# 90

Delta R.T. 0.006 min

Lab File: VX041716.D

Acq: 03 Jun 2024 19:48

Instrument :

MSVOA_X

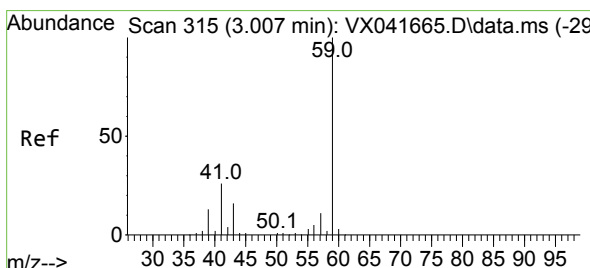
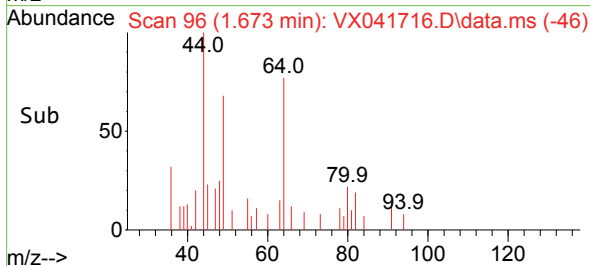
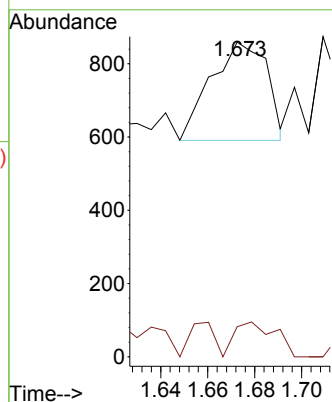
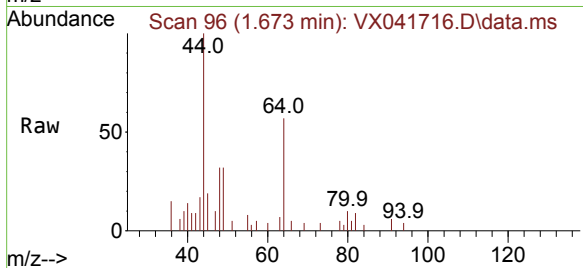
ClientSampleId :

Tgt Ion: 64 Resp: 443

Ion Ratio Lower Upper

64 100

66 30.6 25.1 37.7



#11

Tert butyl alcohol

Concen: 2.105 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.067 min

Lab File: VX041716.D

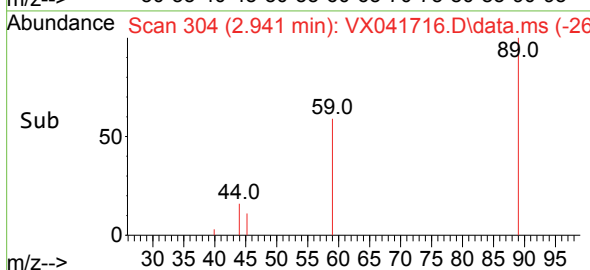
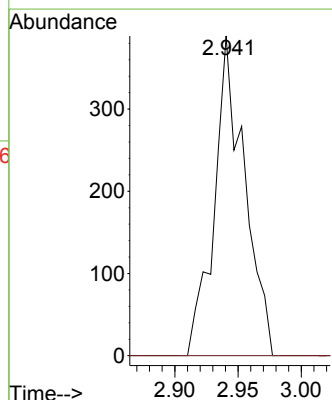
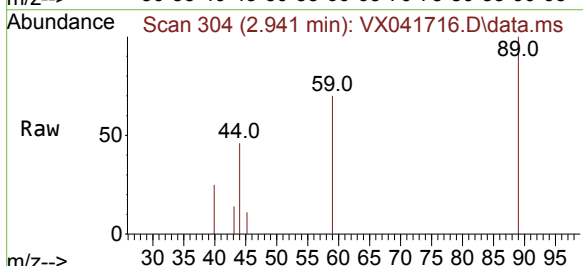
Acq: 03 Jun 2024 19:48

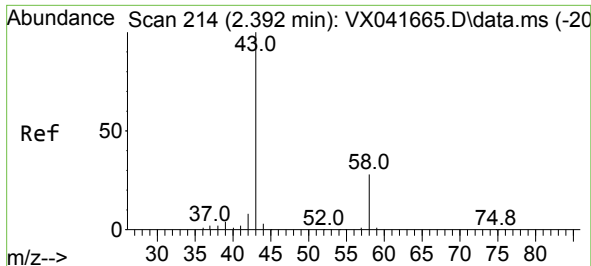
Tgt Ion: 59 Resp: 645

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#





#16

Acetone

Concen: 0.689 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX041716.D

Acq: 03 Jun 2024 19:48

Instrument :

MSVOA_X

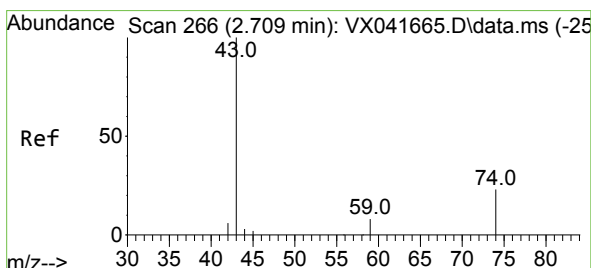
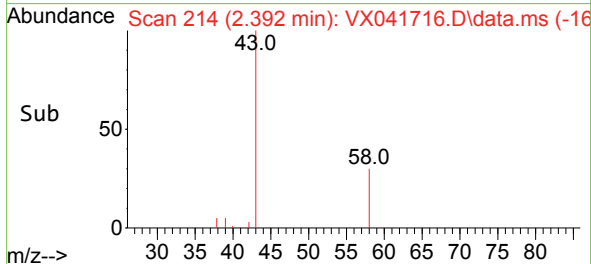
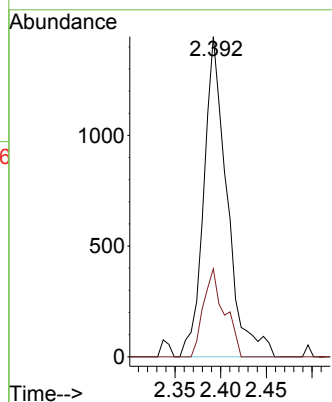
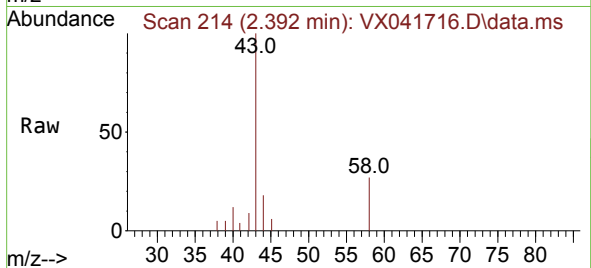
ClientSampleId :

Tgt Ion: 43 Resp: 2568

Ion Ratio Lower Upper

43 100

58 27.5 21.9 32.9



#18

Methyl Acetate

Concen: 0.878 ug/l

RT: 2.715 min Scan# 267

Delta R.T. 0.006 min

Lab File: VX041716.D

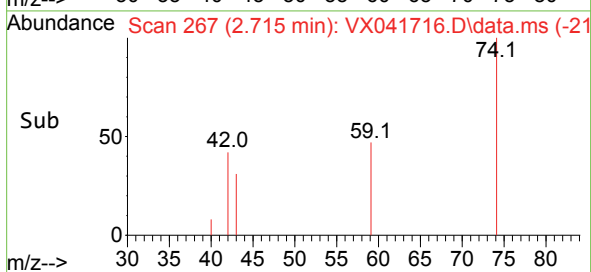
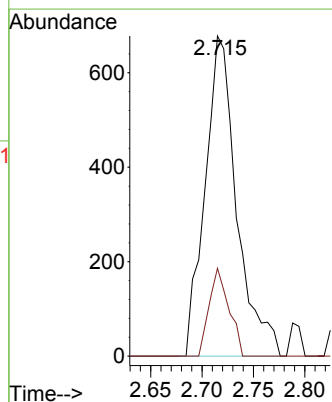
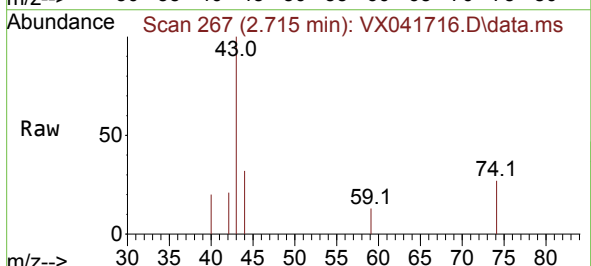
Acq: 03 Jun 2024 19:48

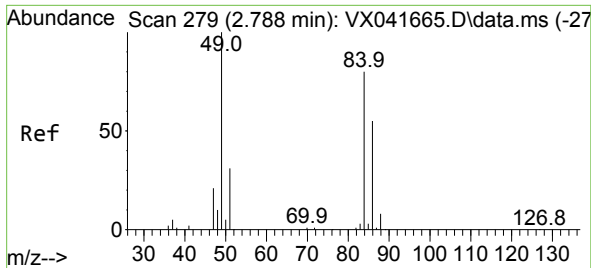
Tgt Ion: 43 Resp: 1452

Ion Ratio Lower Upper

43 100

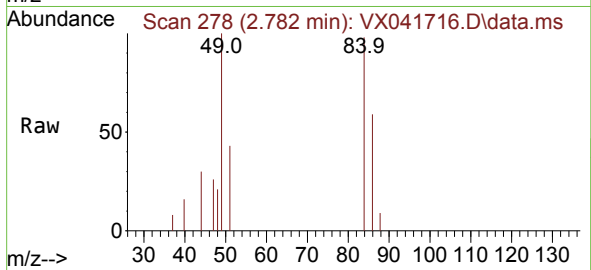
74 17.1 17.8 26.8#



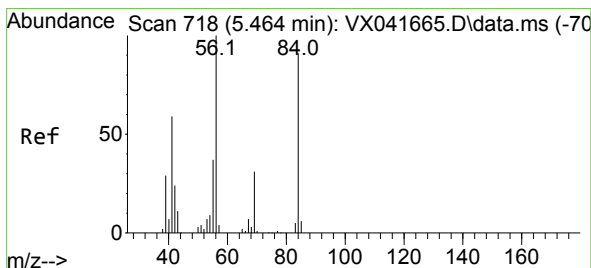
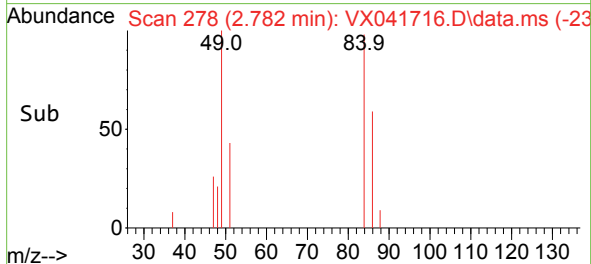
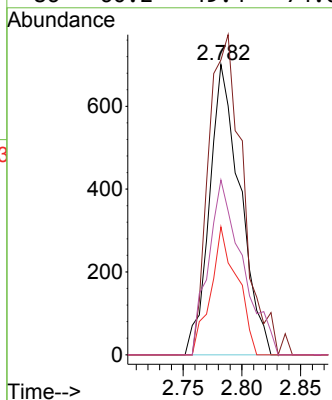


#20
Methylene Chloride
Concen: 0.820 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX041716.D
Acq: 03 Jun 2024 19:48

Instrument :
MSVOA_X
ClientSampleId :

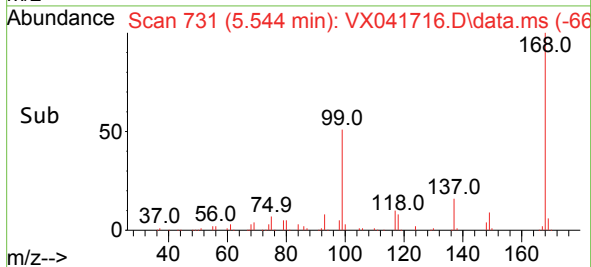
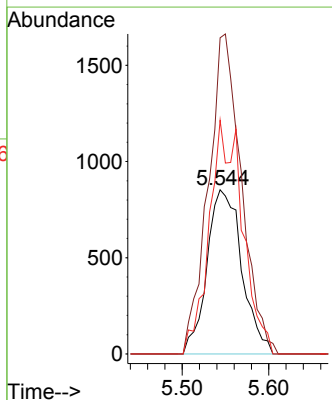
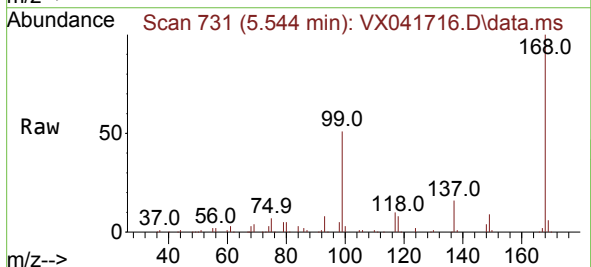


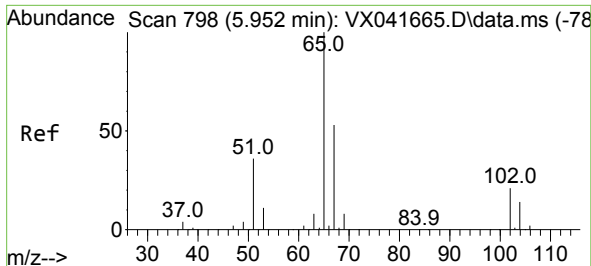
Tgt Ion:	84	Resp:	1271
Ion	Ratio	Lower	Upper
84	100		
49	101.6	103.6	155.4#
51	44.1	33.8	50.6
86	60.2	49.4	74.0



#31
Cyclohexane
Concen: 1.164 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX041716.D
Acq: 03 Jun 2024 19:48

Tgt Ion:	56	Resp:	2379
Ion	Ratio	Lower	Upper
56	100		
69	192.6	23.4	35.2#
84	142.4	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.135 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX041716.D

Acq: 03 Jun 2024 19:48

Instrument :

MSVOA_X

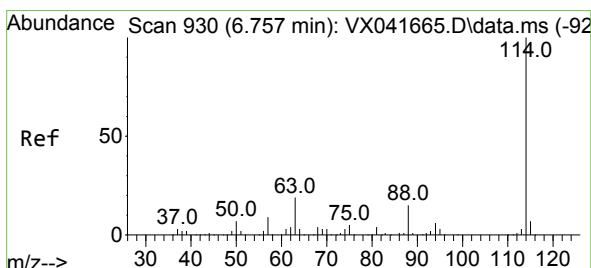
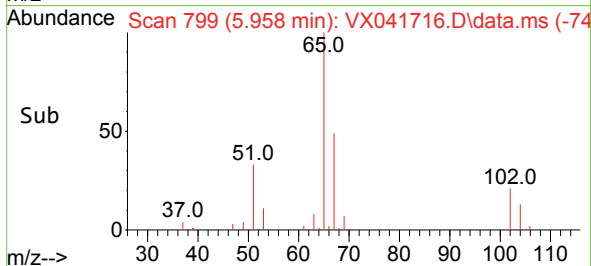
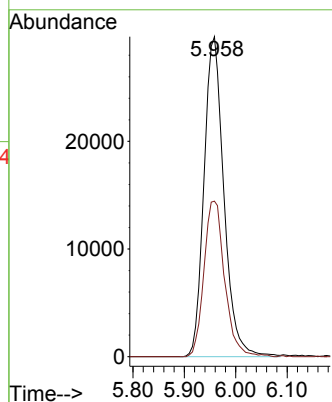
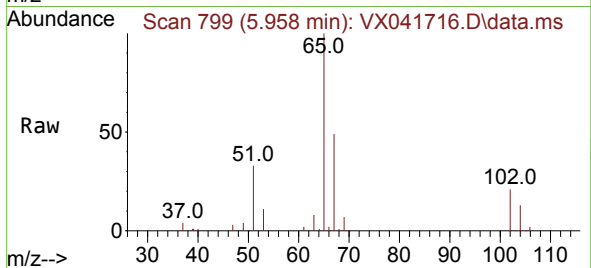
ClientSampleId :

Tgt Ion: 65 Resp: 79896

Ion Ratio Lower Upper

65 100

67 50.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX041716.D

Acq: 03 Jun 2024 19:48

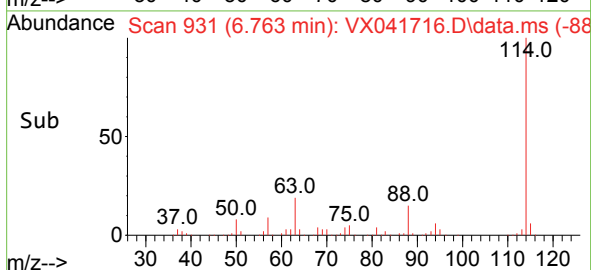
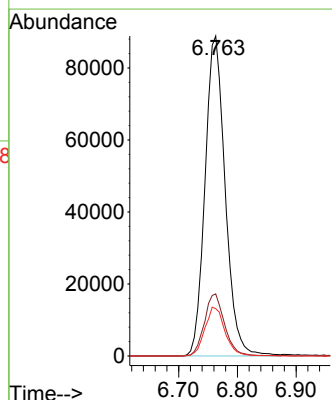
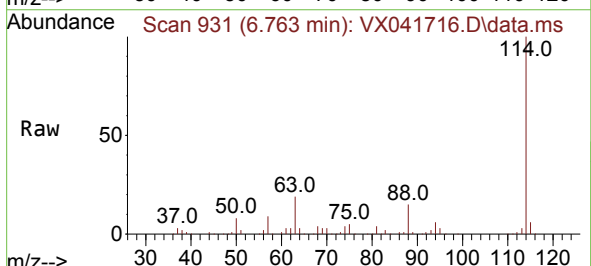
Tgt Ion: 114 Resp: 212107

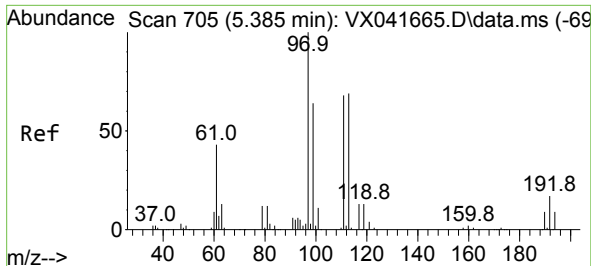
Ion Ratio Lower Upper

114 100

63 19.4 0.0 45.0

88 14.8 0.0 36.6

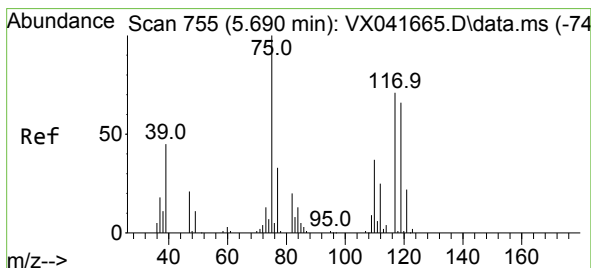
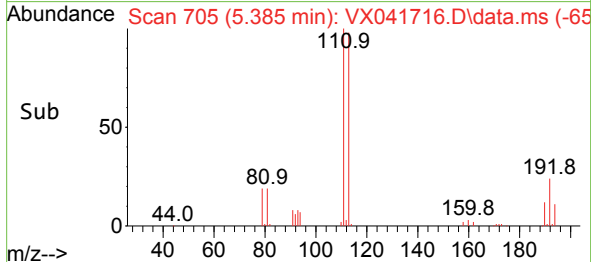
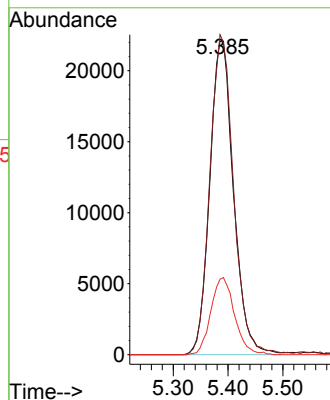
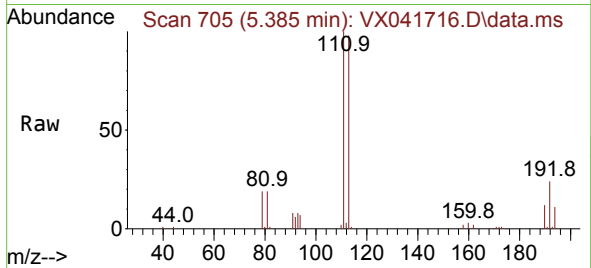




#35
Dibromofluoromethane
Concen: 45.386 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041716.D
Acq: 03 Jun 2024 19:48

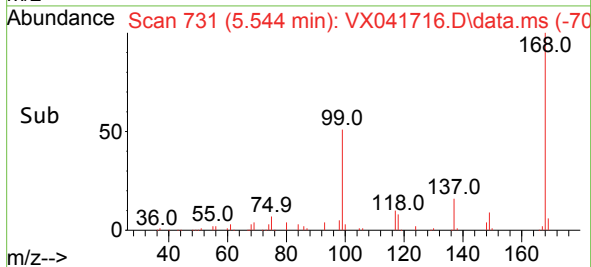
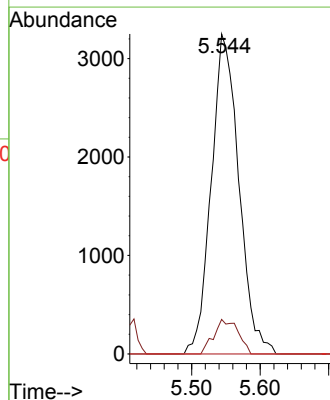
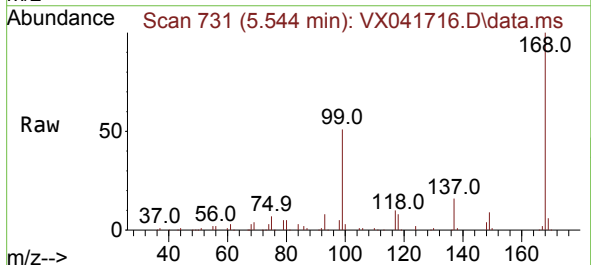
Instrument :
MSVOA_X
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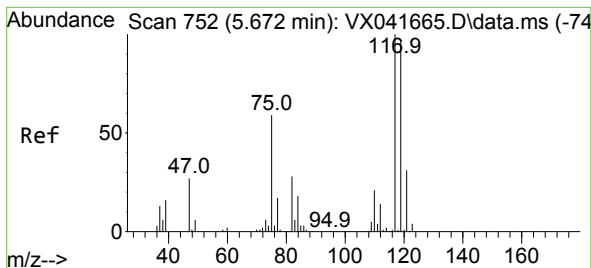
Tgt Ion:113 Resp: 66559
Ion Ratio Lower Upper
113 100
111 101.3 82.9 124.3
192 24.5 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 5.116 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX041716.D
Acq: 03 Jun 2024 19:48

Tgt Ion: 75 Resp: 9085
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.305 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.122 min

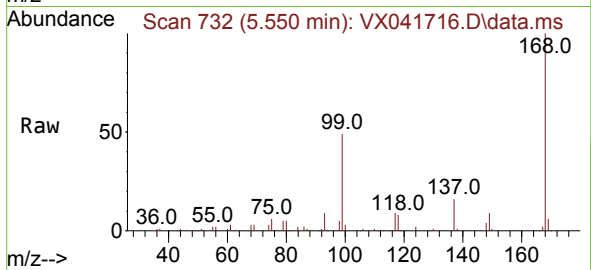
Lab File: VX041716.D

Acq: 03 Jun 2024 19:48

Instrument :

MSVOA_X

ClientSampleId :



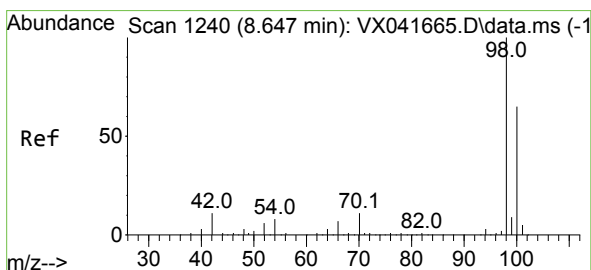
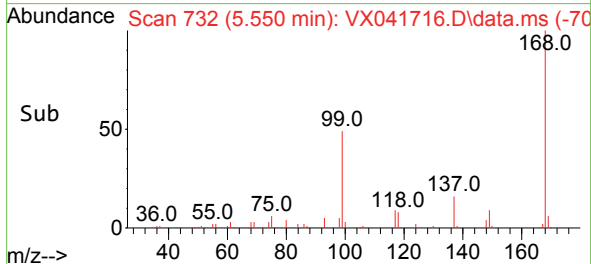
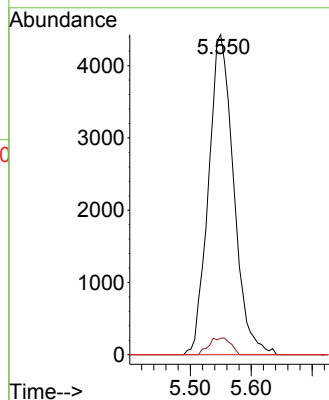
Tgt Ion:117 Resp: 12720

Ion Ratio Lower Upper

117 100

119 5.2 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 48.884 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041716.D

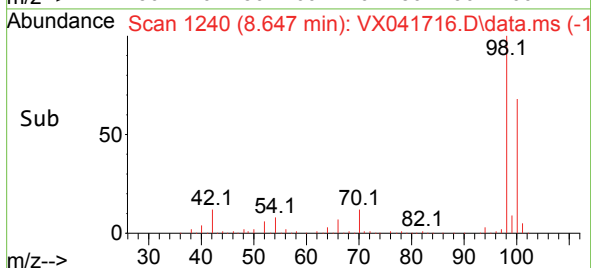
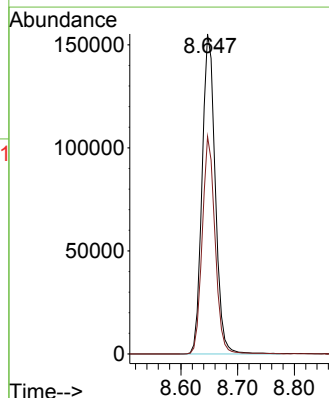
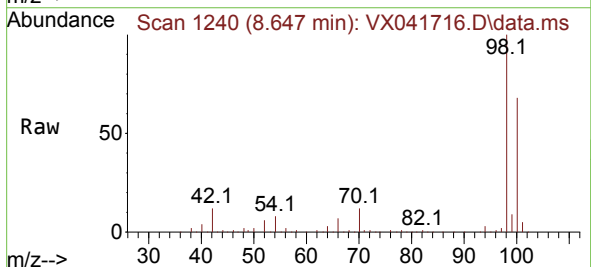
Acq: 03 Jun 2024 19:48

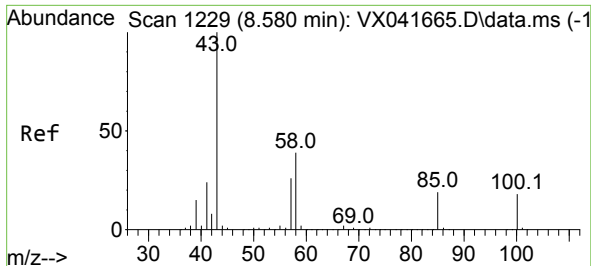
Tgt Ion: 98 Resp: 250485

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.557 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.067 min

Lab File: VX041716.D

Acq: 03 Jun 2024 19:48

Instrument :

MSVOA_X

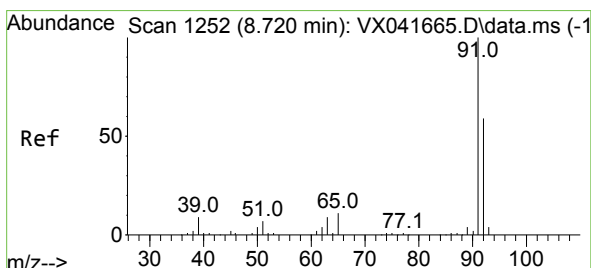
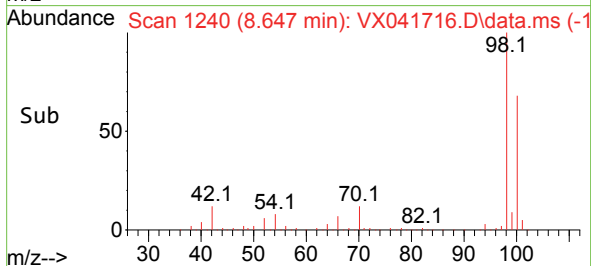
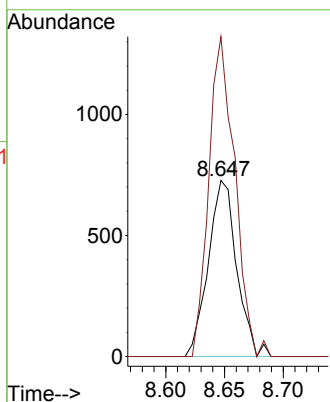
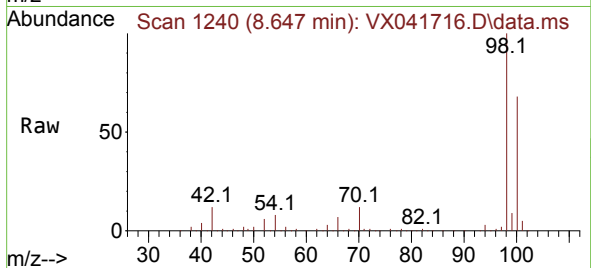
ClientSampleId :

Tgt Ion: 43 Resp: 1222

Ion Ratio Lower Upper

43 100

58 166.9 30.4 45.6#



#52

Toluene

Concen: 0.236 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX041716.D

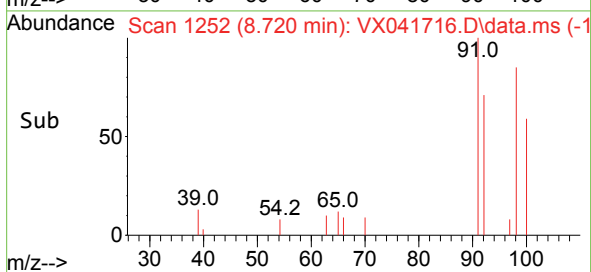
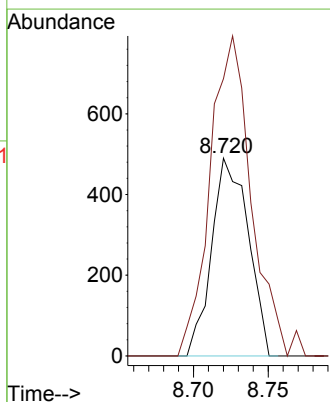
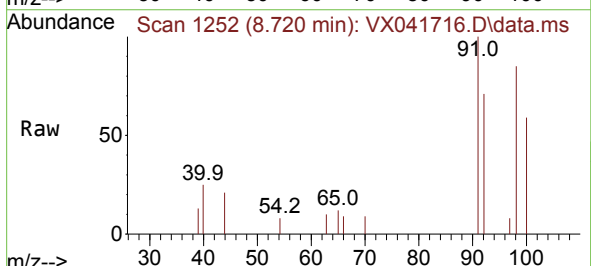
Acq: 03 Jun 2024 19:48

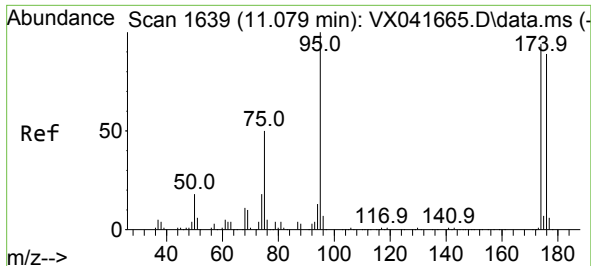
Tgt Ion: 92 Resp: 833

Ion Ratio Lower Upper

92 100

91 183.4 134.2 201.2

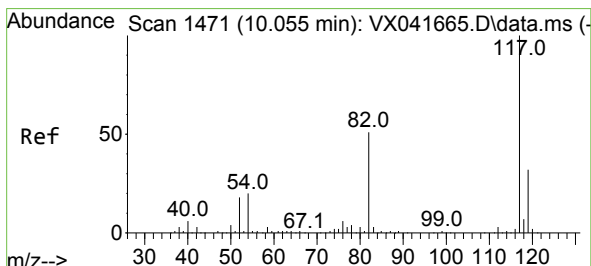
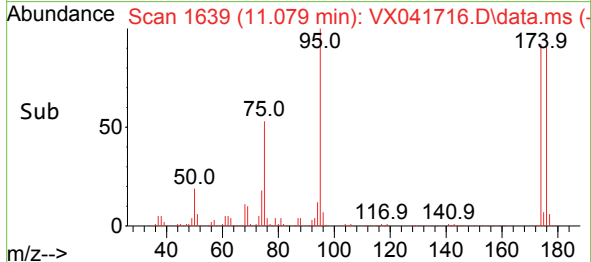
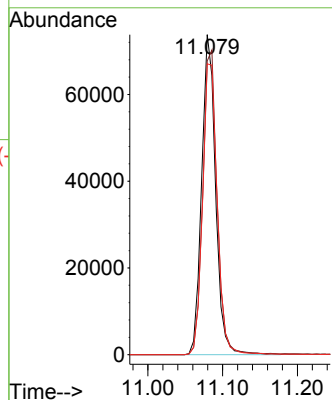
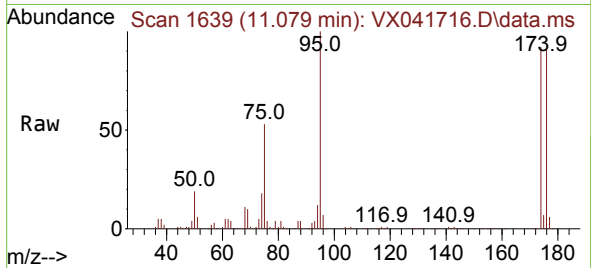




#62
4-Bromofluorobenzene
Concen: 50.532 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041716.D
Acq: 03 Jun 2024 19:48

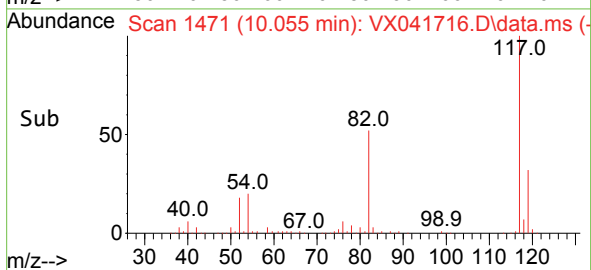
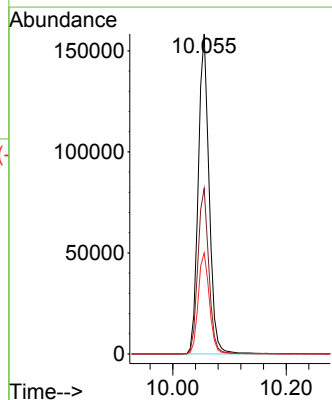
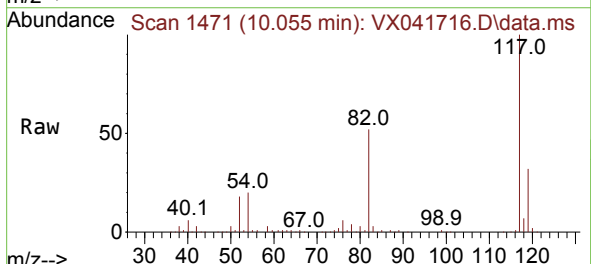
Instrument :
MSVOA_X
ClientSampleId :

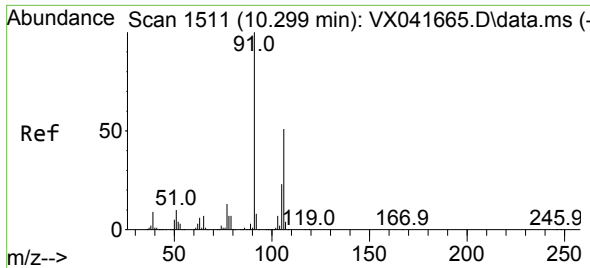
Tgt Ion: 95 Resp: 95567
Ion Ratio Lower Upper
95 100
174 97.7 0.0 135.6
176 95.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041716.D
Acq: 03 Jun 2024 19:48

Tgt Ion: 117 Resp: 210491
Ion Ratio Lower Upper
117 100
82 51.8 46.2 69.4
119 31.6 25.5 38.3

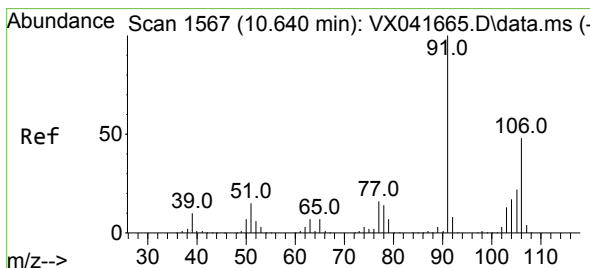
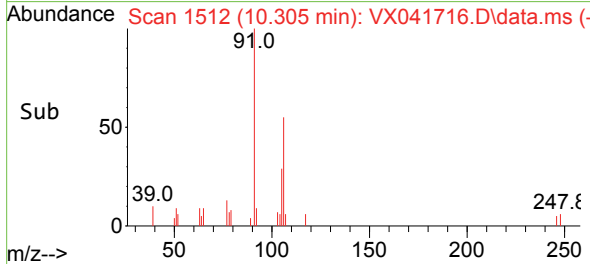
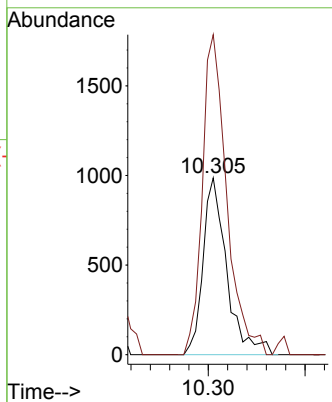
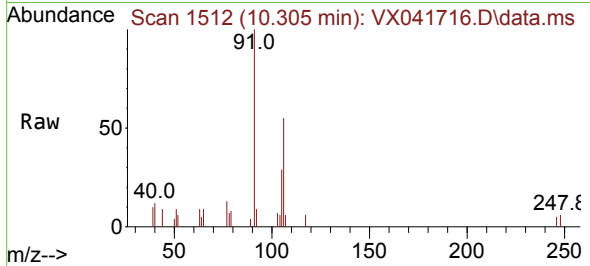




#68
m/p-Xylenes
Concen: 0.586 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX041716.D
Acq: 03 Jun 2024 19:48

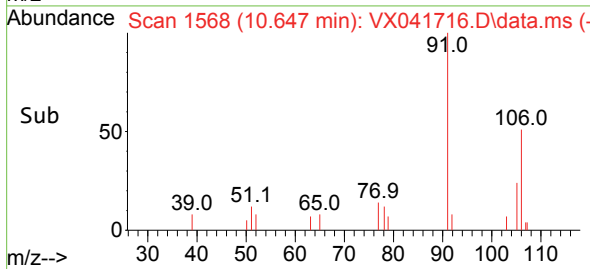
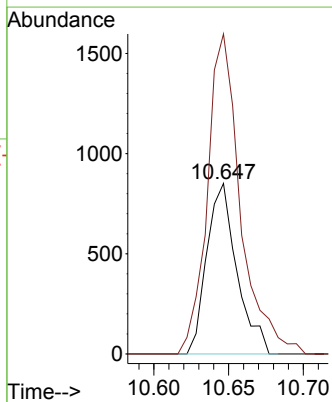
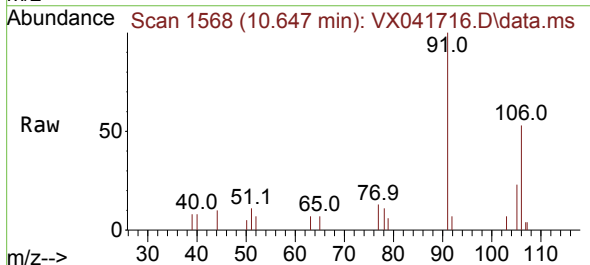
Instrument :
MSVOA_X
ClientSampleId :

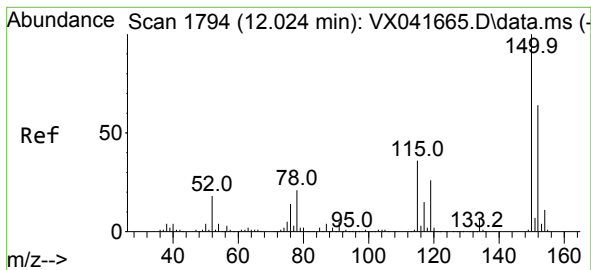
Tgt Ion:106 Resp: 1679
Ion Ratio Lower Upper
106 100
91 186.5 165.5 248.3



#69
o-Xylene
Concen: 0.417 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX041716.D
Acq: 03 Jun 2024 19:48

Tgt Ion:106 Resp: 1189
Ion Ratio Lower Upper
106 100
91 207.0 108.9 326.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041716.D

Acq: 03 Jun 2024 19:48

Instrument :

MSVOA_X

ClientSampleId :

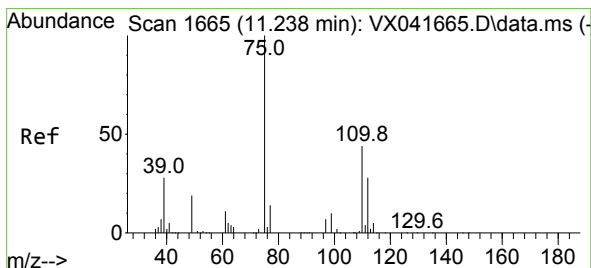
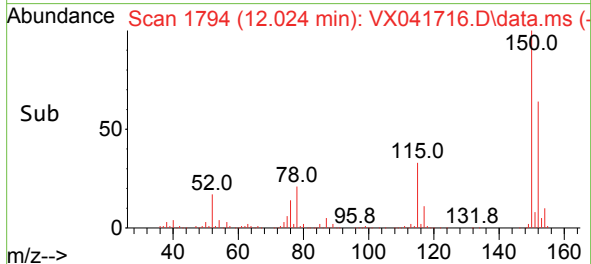
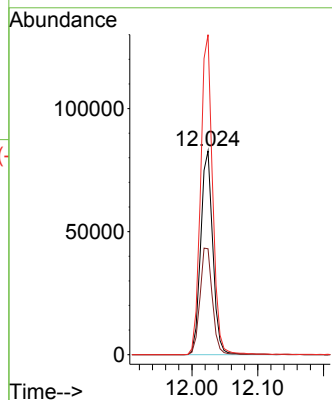
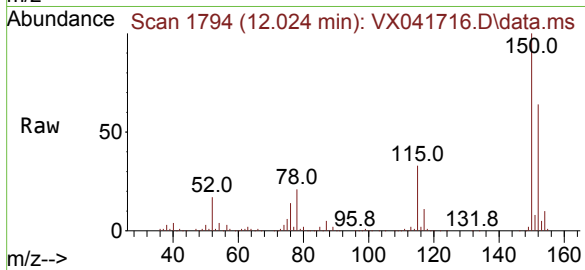
Tgt Ion:152 Resp: 106265

Ion Ratio Lower Upper

152 100

115 53.4 43.3 129.9

150 155.6 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 26.564 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041716.D

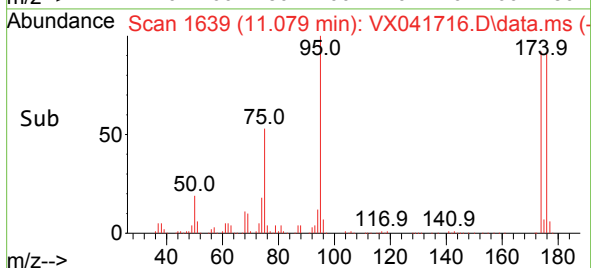
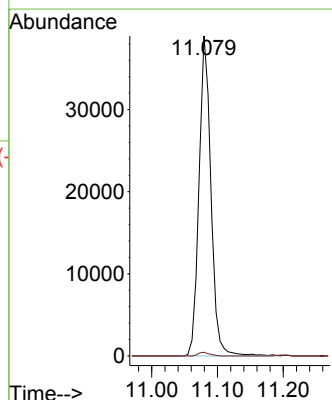
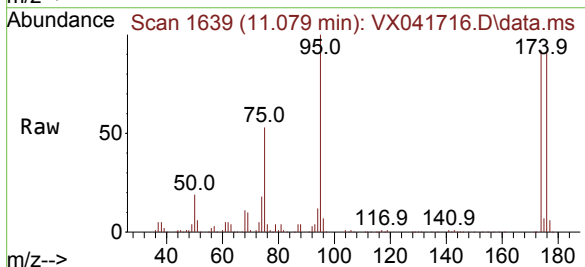
Acq: 03 Jun 2024 19:48

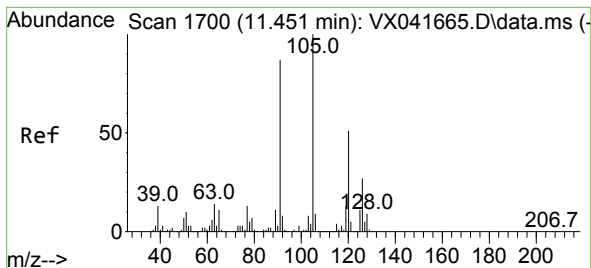
Tgt Ion: 75 Resp: 49252

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#





#80

1,3,5-Trimethylbenzene

Concen: 0.306 ug/l

RT: 11.457 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX041716.D

Acq: 03 Jun 2024 19:48

Instrument :

MSVOA_X

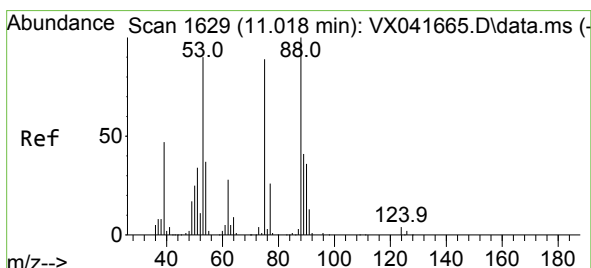
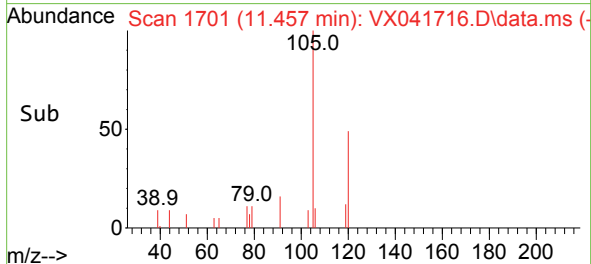
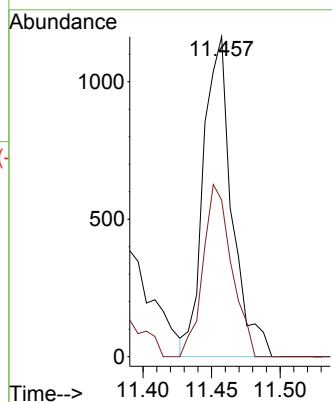
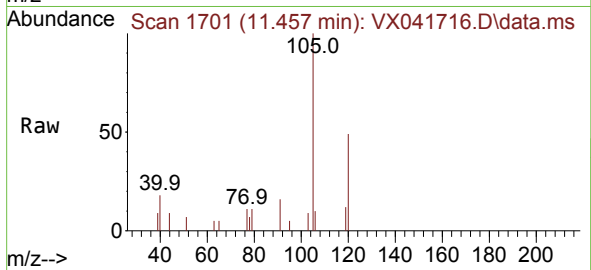
ClientSampleId :

Tgt Ion:105 Resp: 1682

Ion Ratio Lower Upper

105 100

120 54.0 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 72.399 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041716.D

Acq: 03 Jun 2024 19:48

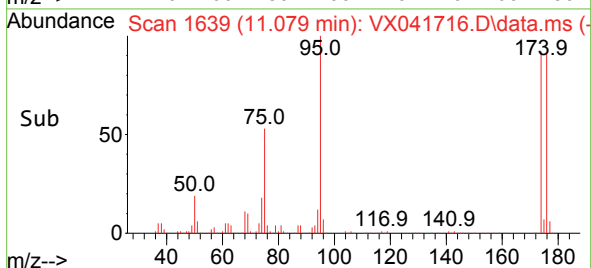
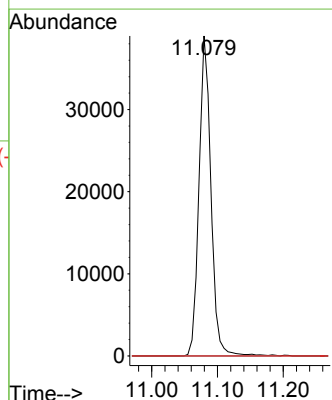
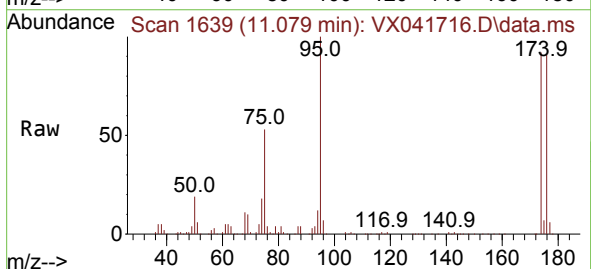
Tgt Ion: 75 Resp: 49252

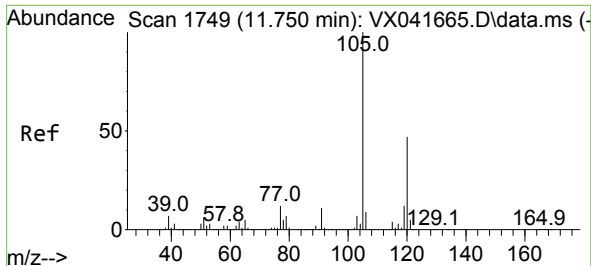
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

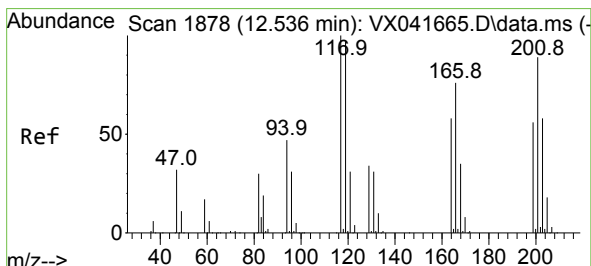
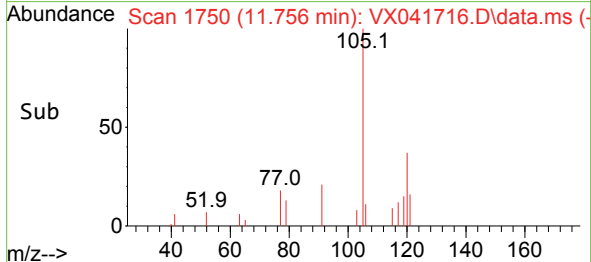
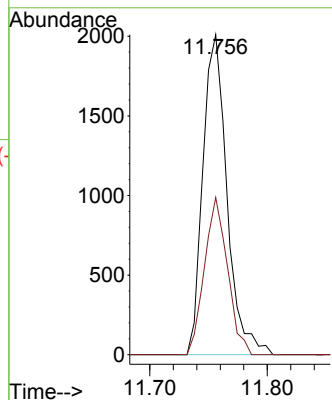
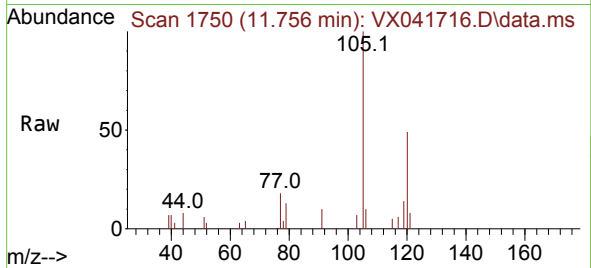




#84
1,2,4-Trimethylbenzene
Concen: 0.514 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX041716.D
Acq: 03 Jun 2024 19:48

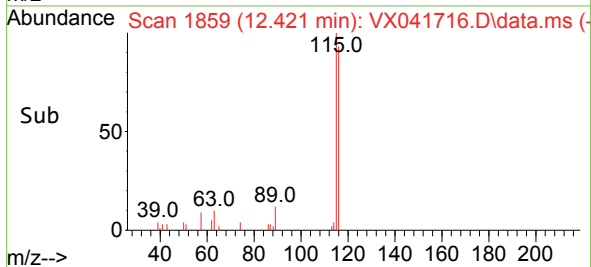
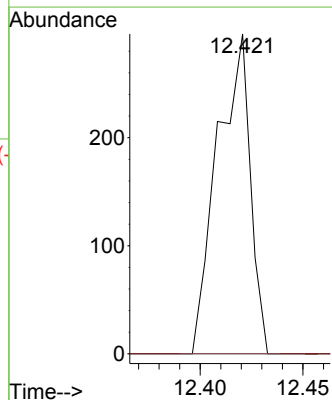
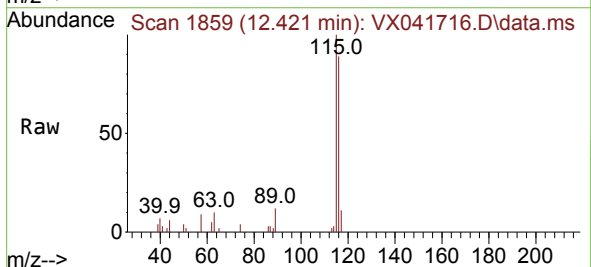
Instrument :
MSVOA_X
ClientSampleId :

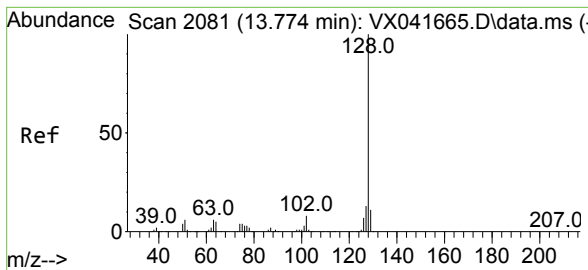
Tgt Ion:105 Resp: 2864
Ion Ratio Lower Upper
105 100
120 47.1 21.2 63.6



#90
Hexachloroethane
Concen: 0.325 ug/l
RT: 12.421 min Scan# 1859
Delta R.T. -0.116 min
Lab File: VX041716.D
Acq: 03 Jun 2024 19:48

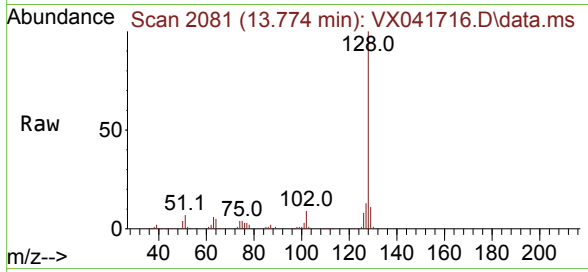
Tgt Ion:117 Resp: 329
Ion Ratio Lower Upper
117 100
201 0.0 32.9 98.6#





#95
Naphthalene
Concen: 18.330 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041716.D
Acq: 03 Jun 2024 19:48

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 126179
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.8 13.2

