

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050824\
 Data File : VX041415.D
 Acq On : 08 May 2024 11:46
 Operator : JC/MD
 Sample : VX0508WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 09 05:30:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

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

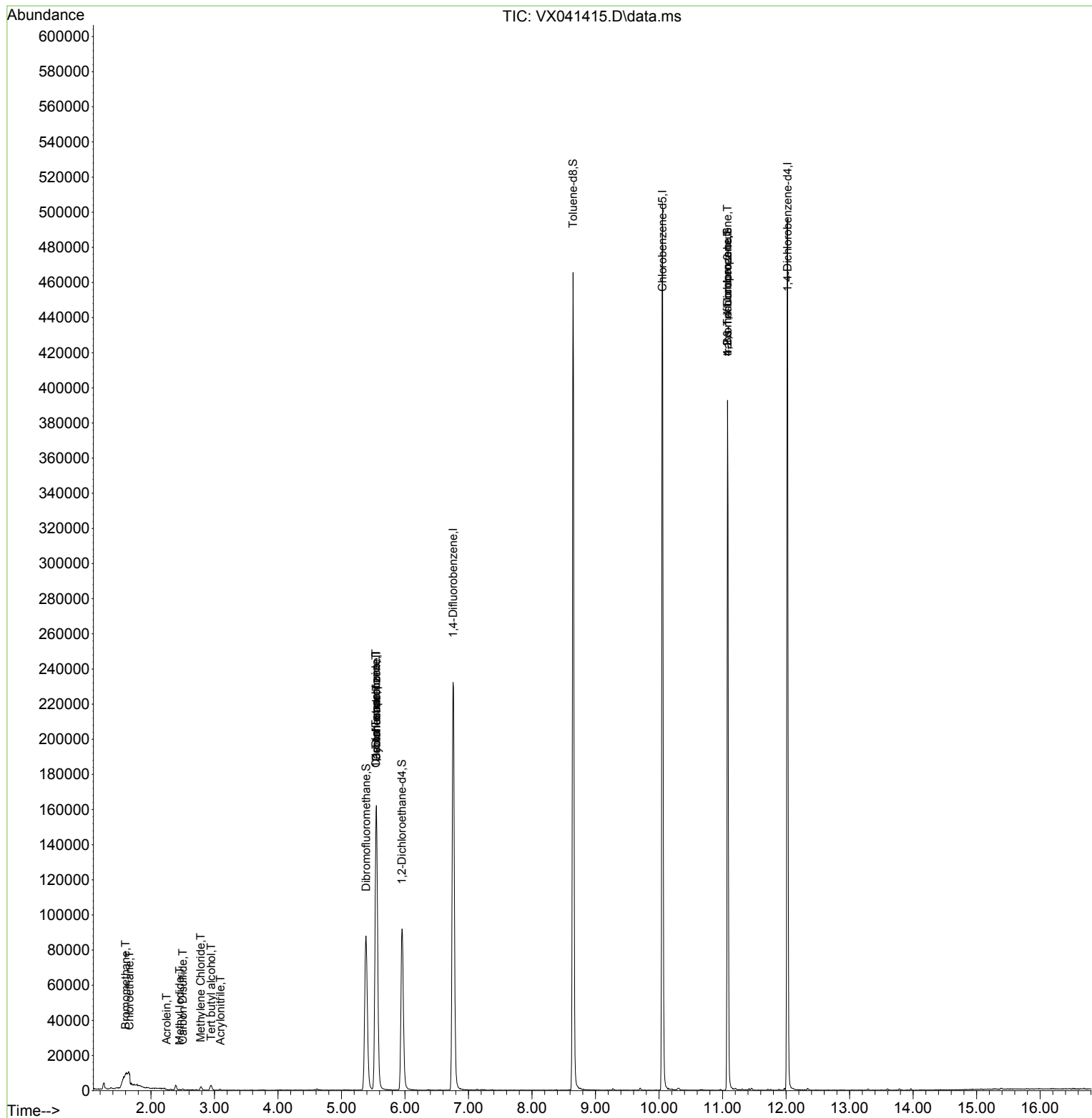
Internal Standards						
1) Pentafluorobenzene	5.550	168	174445	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	254234	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	240960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114969	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93816	49.401	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.800%
35) Dibromofluoromethane	5.385	113	77104	44.753	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.500%
50) Toluene-d8	8.647	98	281300	51.586	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.180%
62) 4-Bromofluorobenzene	11.079	95	93967	44.515	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.040%
Target Compounds						
						Qvalue
5) Bromomethane	1.599	94	637	0.719	ug/l	84
6) Chloroethane	1.660	64	243	0.370	ug/l	# 43
10) Methyl Iodide	2.453	142	374	0.254	ug/l	# 63
11) Tert butyl alcohol	2.946	59	1767	4.649	ug/l	# 78
13) Acrolein	2.245	56	85	0.282	ug/l	# 79
15) Acrylonitrile	3.093	53	180	0.207	ug/l	# 65
16) Acetone	2.386	43	2982	Below Cal		97
17) Carbon Disulfide	2.501	76	805	0.253	ug/l	# 76
20) Methylene Chloride	2.782	84	1039	0.630	ug/l	87
31) Cyclohexane	5.550	56	2935	1.281	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	11001	5.340	ug/l	# 51
38) Carbon Tetrachloride	5.544	117	15144	6.417	ug/l	# 14
76) 1,2,3-Trichloropropane	11.079	75	47968	25.602	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	47968	69.736	ug/l	# 5

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

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Quant Time: May 09 05:30:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 06:03:16 2024
Response via : Initial Calibration



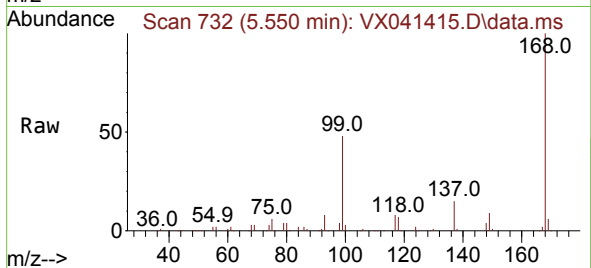


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041415.D
Acq: 08 May 2024 11:46

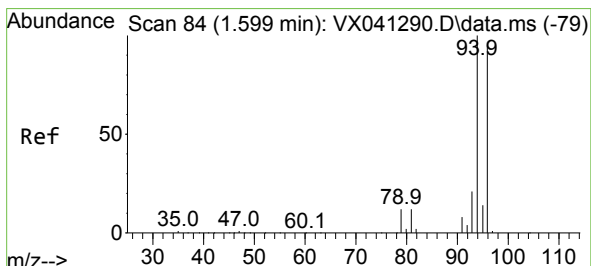
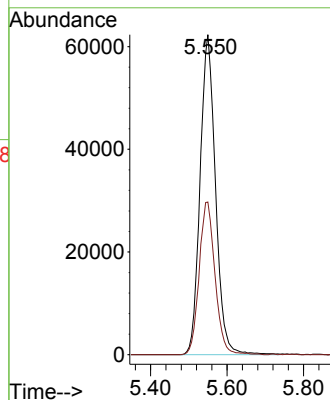
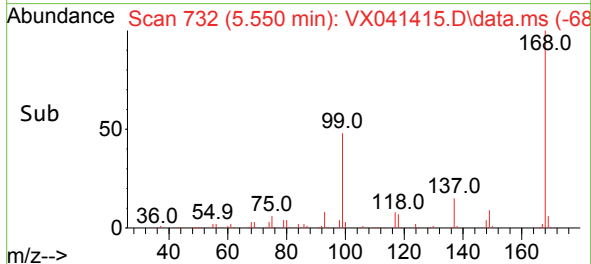
Instrument :

MSVOA_X

ClientSampleId :

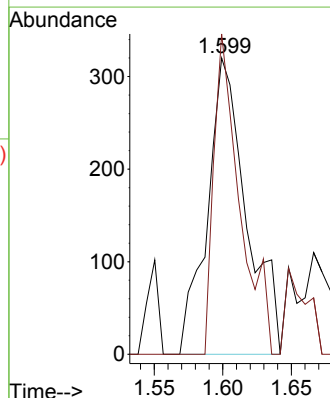
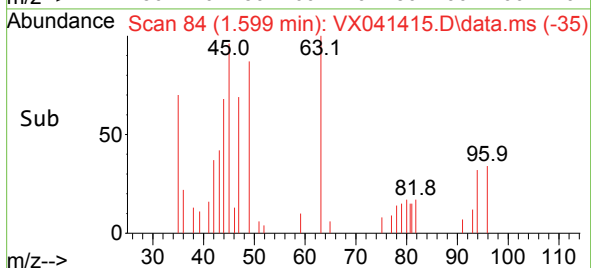
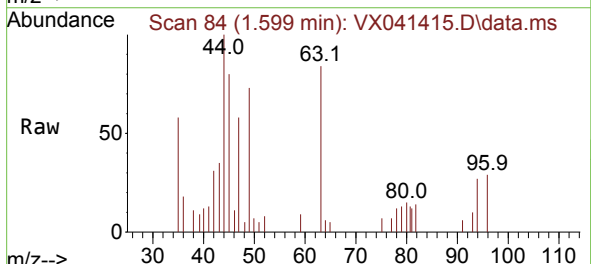


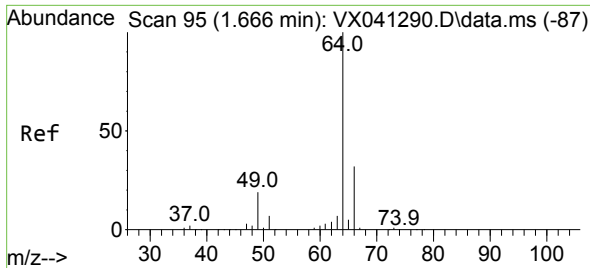
Tgt Ion:168 Resp: 174445
Ion Ratio Lower Upper
168 100
99 47.7 56.6 85.0#



#5
Bromomethane
Concen: 0.719 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041415.D
Acq: 08 May 2024 11:46

Tgt Ion: 94 Resp: 637
Ion Ratio Lower Upper
94 100
96 108.1 74.6 111.8

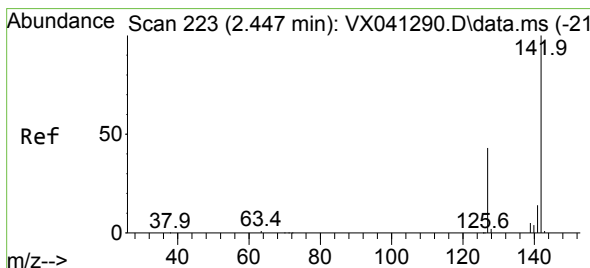
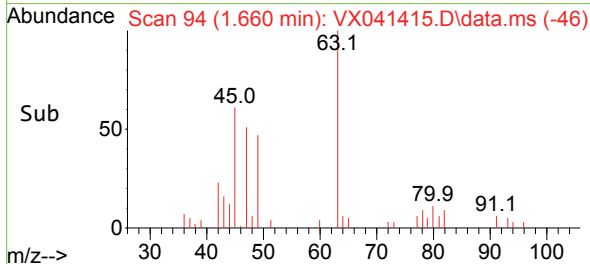
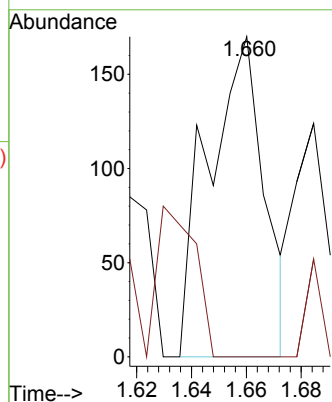
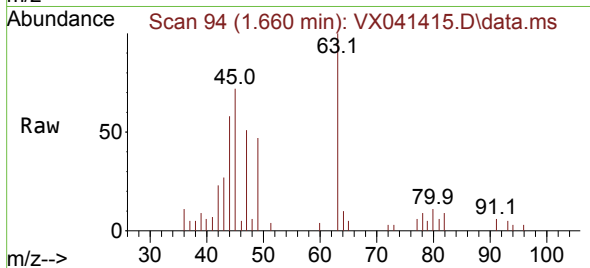




#6
Chloroethane
Concen: 0.370 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX041415.D
Acq: 08 May 2024 11:46

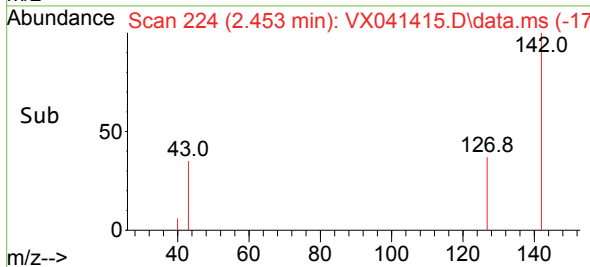
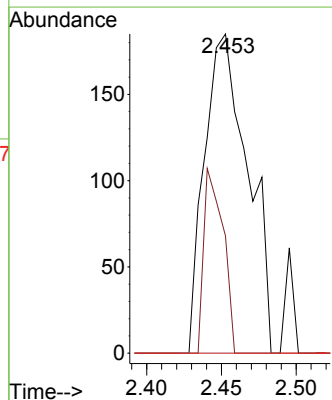
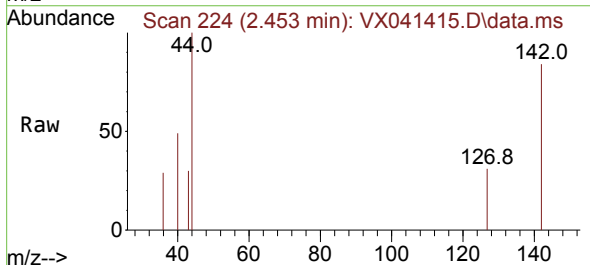
Instrument :
MSVOA_X
ClientSampleId :

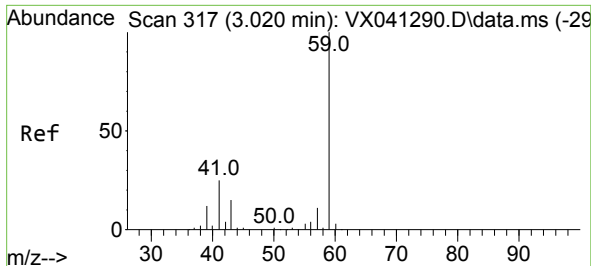
Tgt Ion: 64 Resp: 243
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#10
Methyl Iodide
Concen: 0.254 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX041415.D
Acq: 08 May 2024 11:46

Tgt Ion: 142 Resp: 374
Ion Ratio Lower Upper
142 100
127 25.7 41.6 62.4#
141 0.0 11.6 17.4#





#11

Tert butyl alcohol

Concen: 4.649 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.073 min

Lab File: VX041415.D

Acq: 08 May 2024 11:46

Instrument :

MSVOA_X

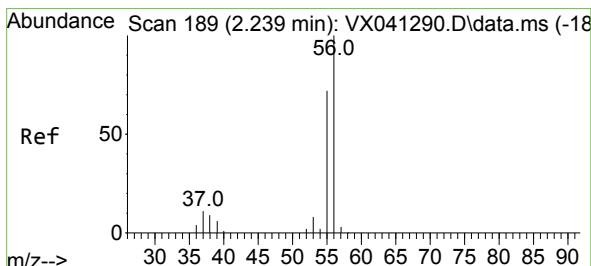
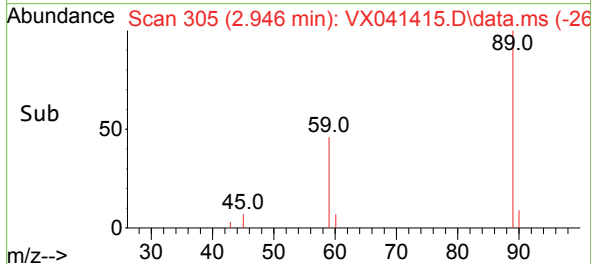
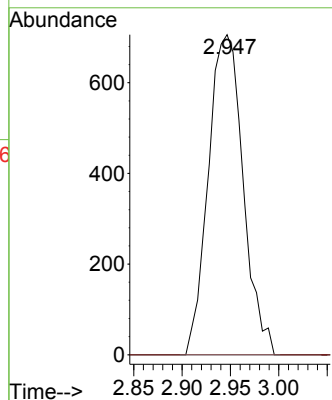
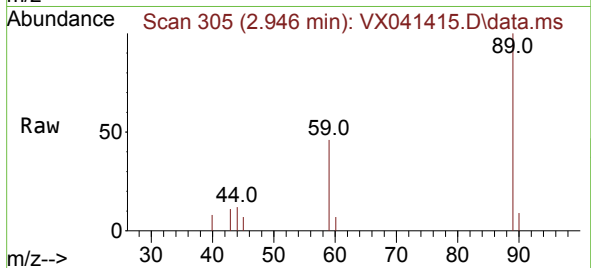
ClientSampleId :

Tgt Ion: 59 Resp: 1767

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 0.282 ug/l

RT: 2.245 min Scan# 190

Delta R.T. 0.006 min

Lab File: VX041415.D

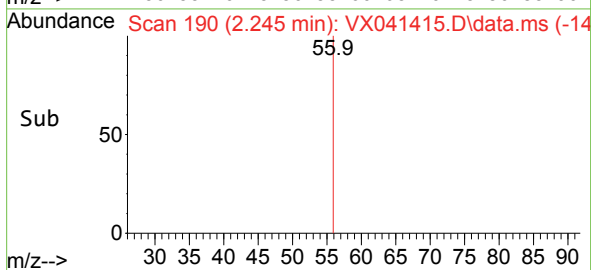
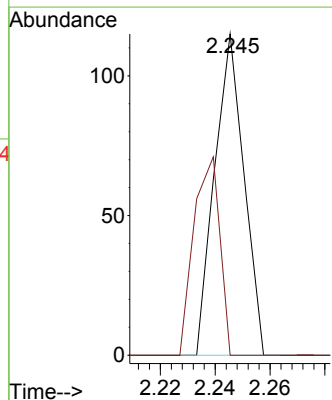
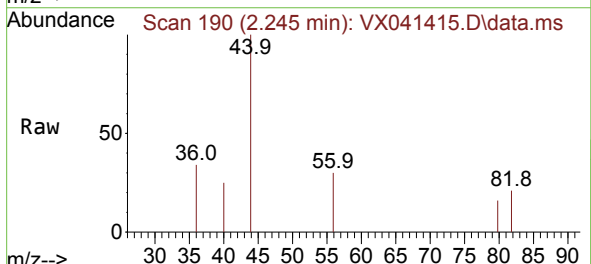
Acq: 08 May 2024 11:46

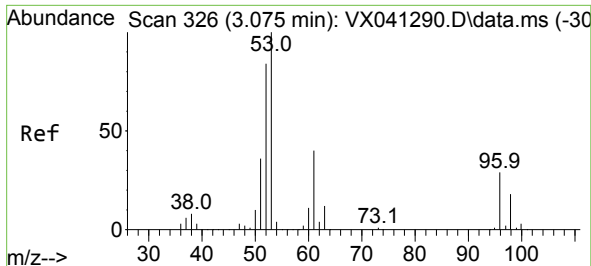
Tgt Ion: 56 Resp: 85

Ion Ratio Lower Upper

56 100

55 54.1 57.1 85.7#





#15

Acrylonitrile

Concen: 0.207 ug/l

RT: 3.093 min Scan# 31

Delta R.T. 0.018 min

Lab File: VX041415.D

Acq: 08 May 2024 11:46

Instrument :

MSVOA_X

ClientSampleId :

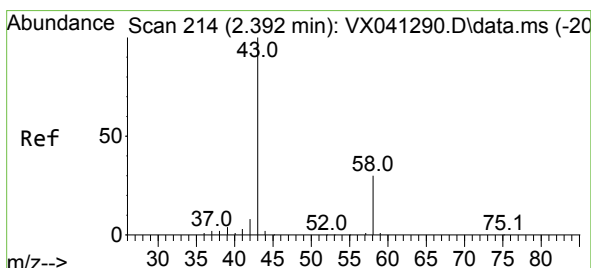
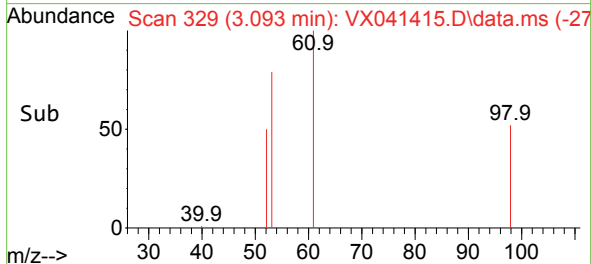
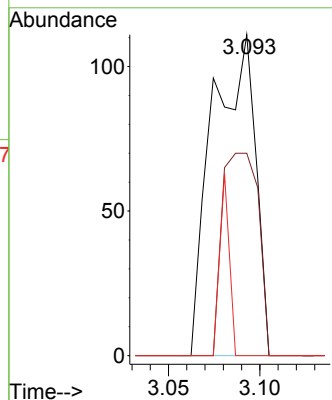
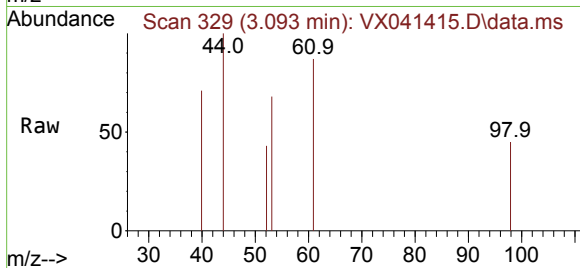
Tgt Ion: 53 Resp: 180

Ion Ratio Lower Upper

53 100

52 53.3 66.0 99.0#

51 12.8 29.8 44.6#



#16

Acetone

Concen: Below Cal

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX041415.D

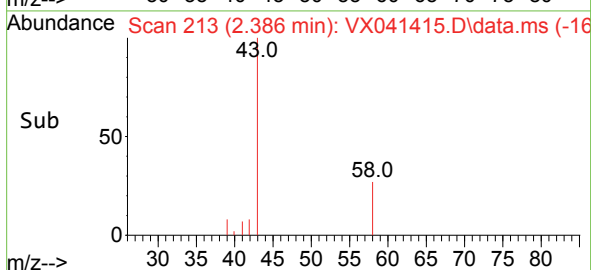
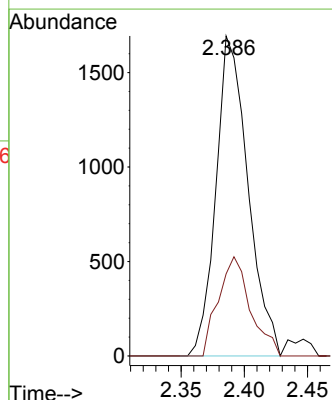
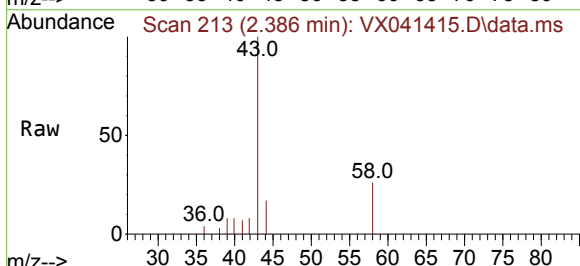
Acq: 08 May 2024 11:46

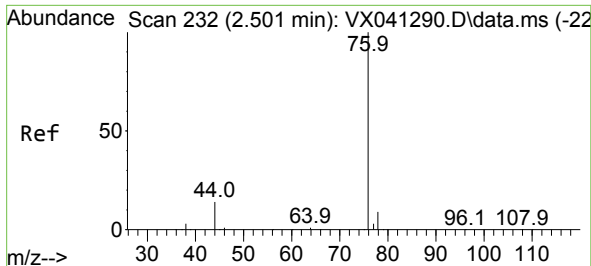
Tgt Ion: 43 Resp: 2982

Ion Ratio Lower Upper

43 100

58 25.6 21.9 32.9





#17

Carbon Disulfide

Concen: 0.253 ug/l

RT: 2.501 min Scan# 21

Delta R.T. 0.000 min

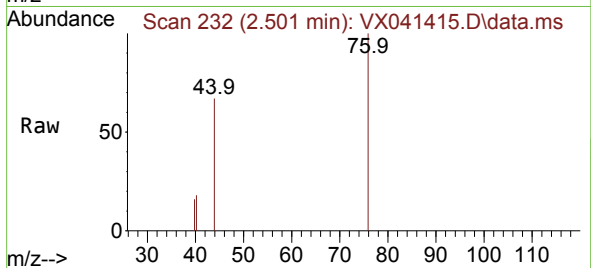
Lab File: VX041415.D

Acq: 08 May 2024 11:46

Instrument :

MSVOA_X

ClientSampleId :

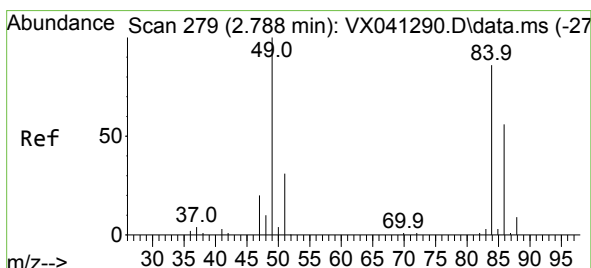
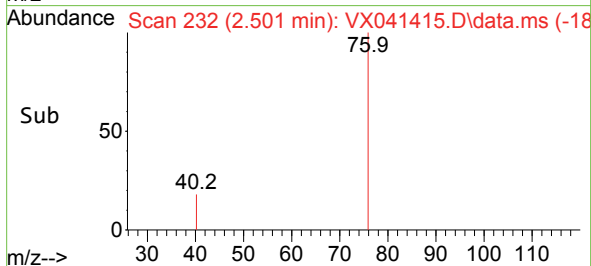
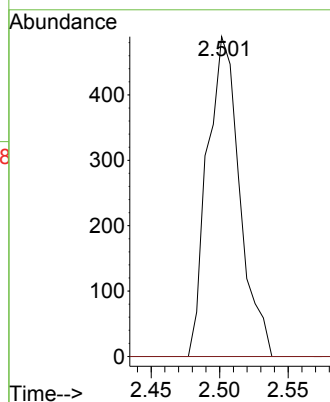


Tgt Ion: 76 Resp: 805

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: 0.630 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX041415.D

Acq: 08 May 2024 11:46

Tgt Ion: 84 Resp: 1039

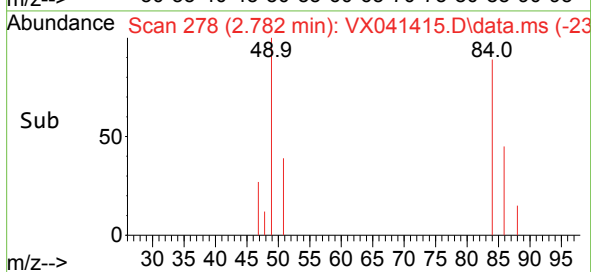
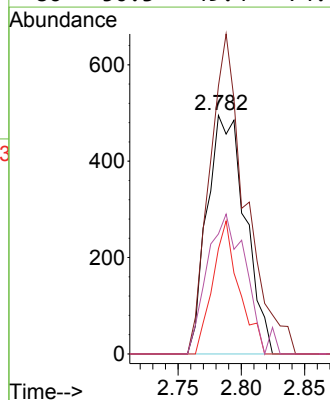
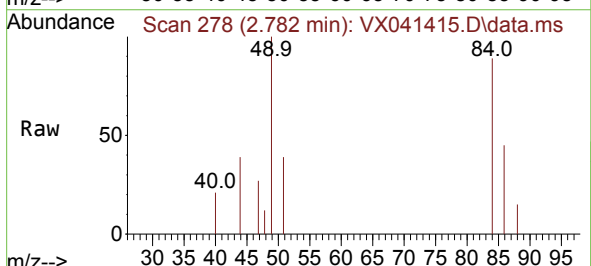
Ion Ratio Lower Upper

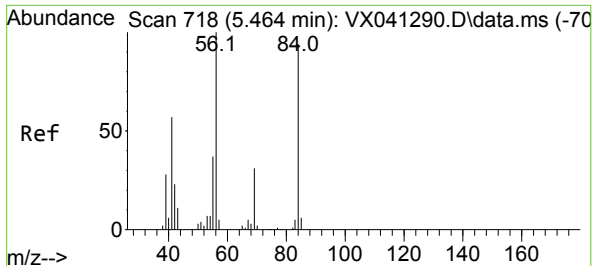
84 100

49 112.3 103.6 155.4

51 44.0 33.8 50.6

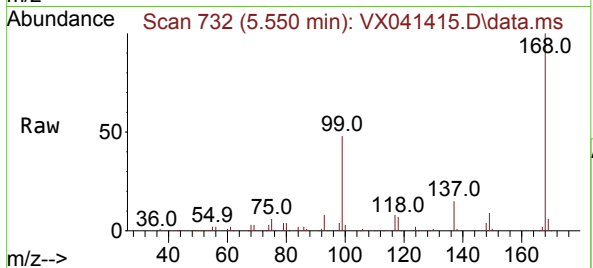
86 50.3 49.4 74.0



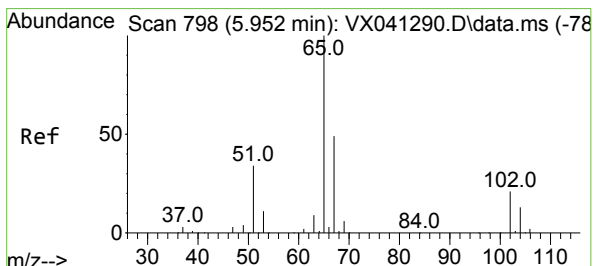
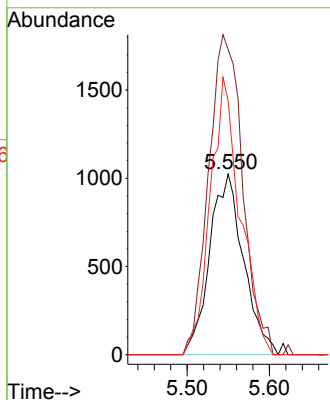
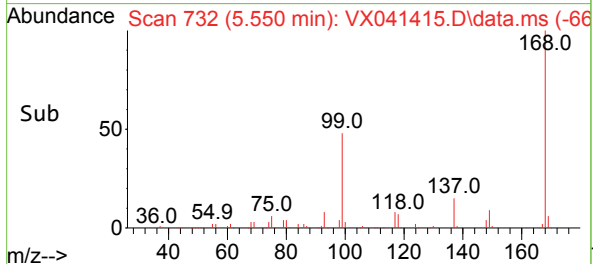


#31
Cyclohexane
Concen: 1.281 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX041415.D
Acq: 08 May 2024 11:46

Instrument :
MSVOA_X
ClientSampleId :

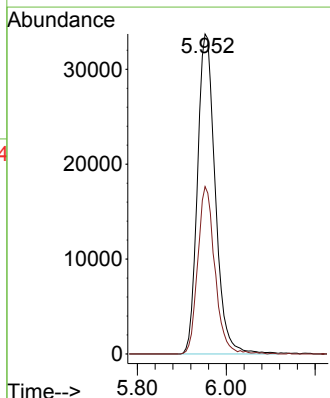
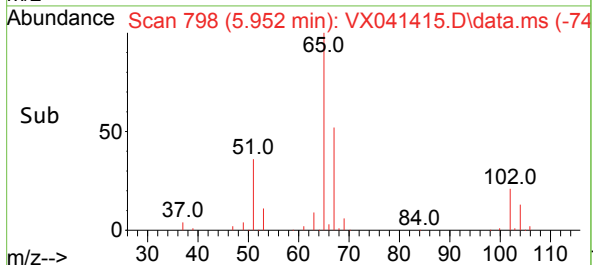
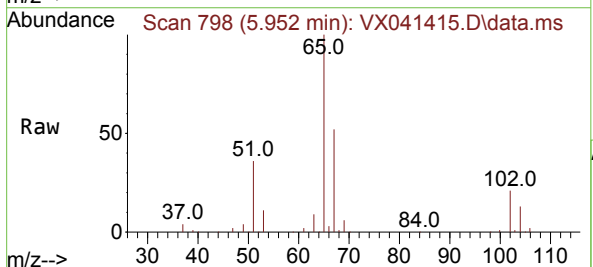


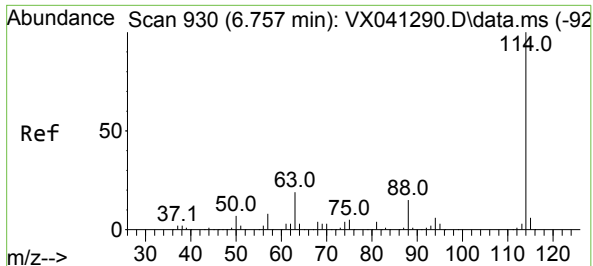
Tgt Ion: 56 Resp: 2935
Ion Ratio Lower Upper
56 100
69 169.0 23.4 35.2#
84 140.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 49.401 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041415.D
Acq: 08 May 2024 11:46

Tgt Ion: 65 Resp: 93816
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.2

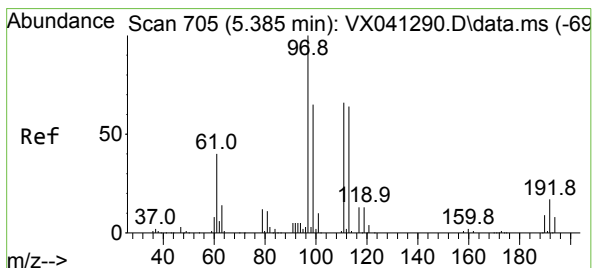
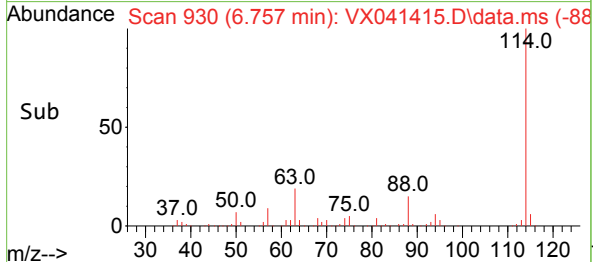
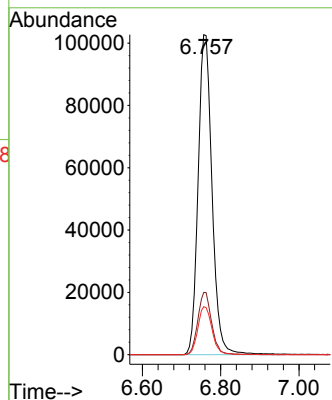
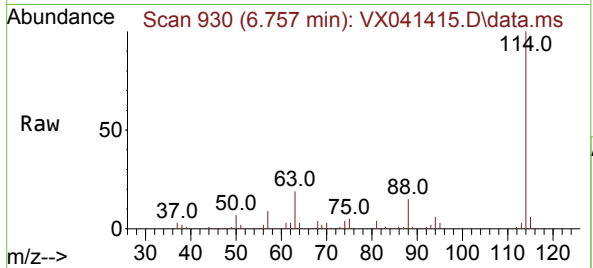




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX041415.D
Acq: 08 May 2024 11:46

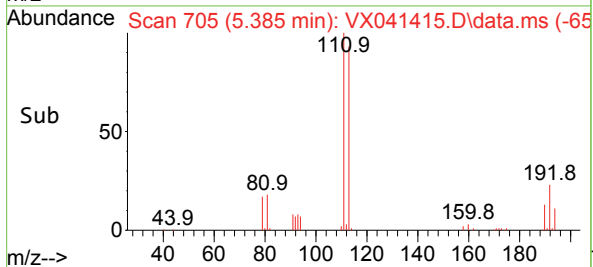
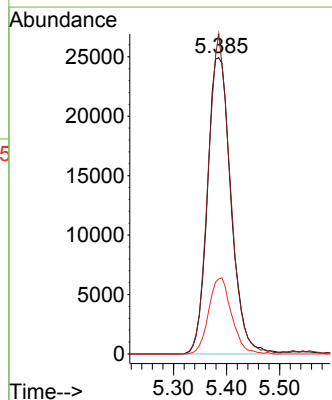
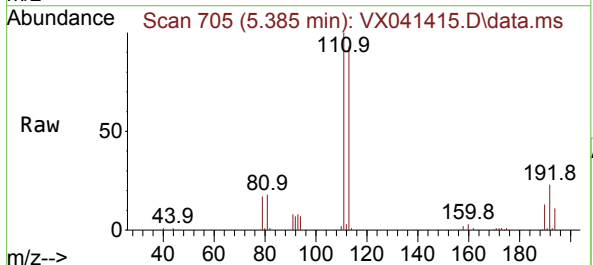
Instrument :
MSVOA_X
ClientSampleId :

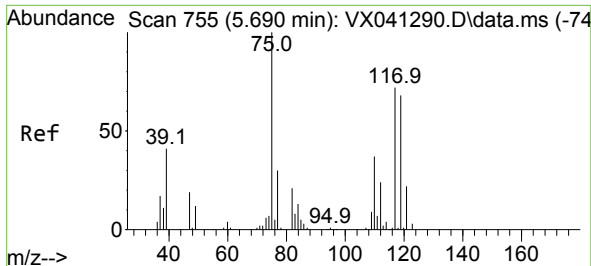
Tgt Ion:114 Resp: 254234
Ion Ratio Lower Upper
114 100
63 19.4 0.0 45.0
88 15.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.753 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041415.D
Acq: 08 May 2024 11:46

Tgt Ion:113 Resp: 77104
Ion Ratio Lower Upper
113 100
111 101.3 82.9 124.3
192 25.0 13.3 19.9#

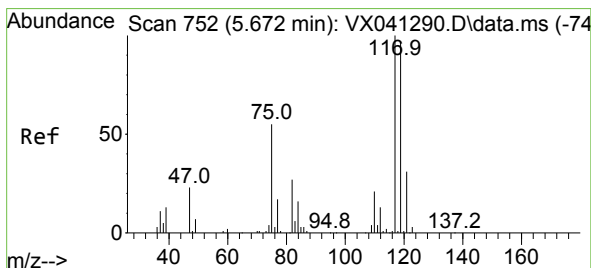
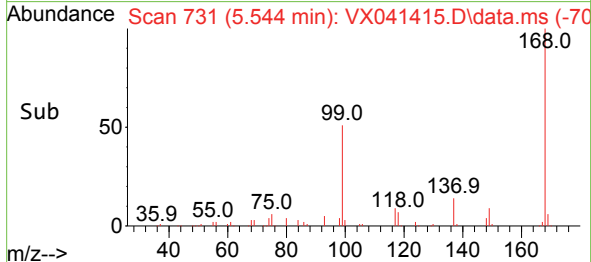
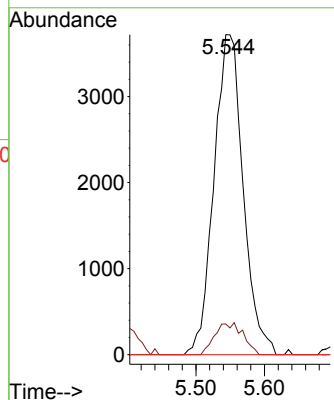
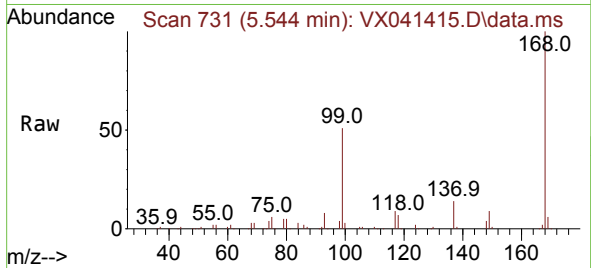




#36
1,1-Dichloropropene
Concen: 5.340 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX041415.D
Acq: 08 May 2024 11:46

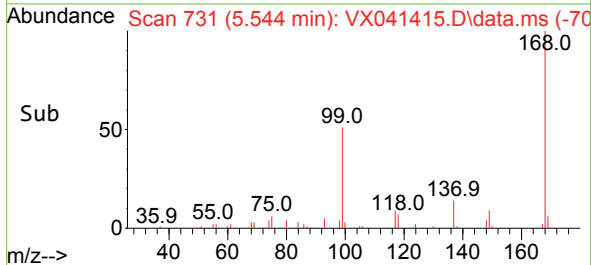
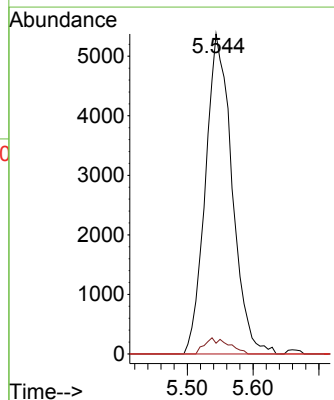
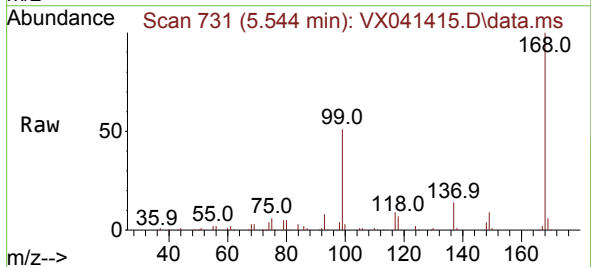
Instrument :
MSVOA_X
ClientSampleId :

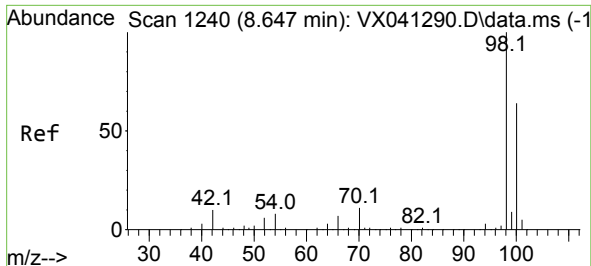
Tgt Ion: 75 Resp: 11001
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.417 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX041415.D
Acq: 08 May 2024 11:46

Tgt Ion: 117 Resp: 15144
Ion Ratio Lower Upper
117 100
119 3.3 78.2 117.2#
121 0.0 24.4 36.6#

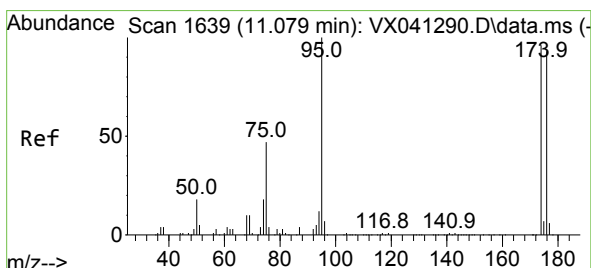
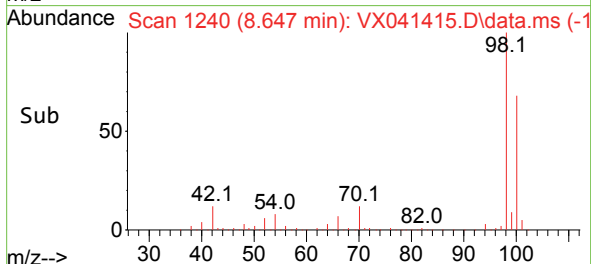
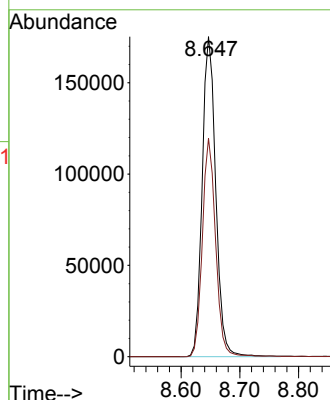
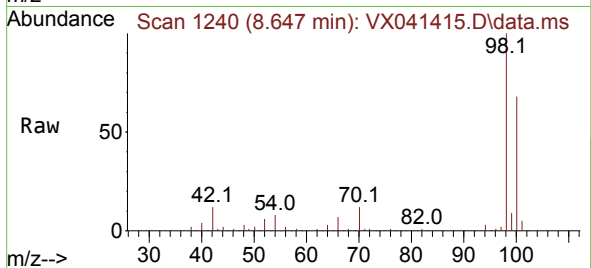




#50
Toluene-d8
Concen: 51.586 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041415.D
Acq: 08 May 2024 11:46

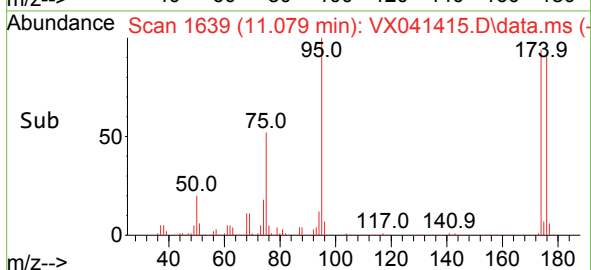
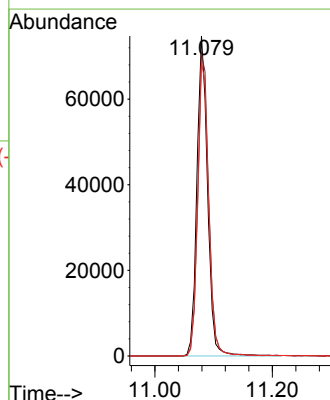
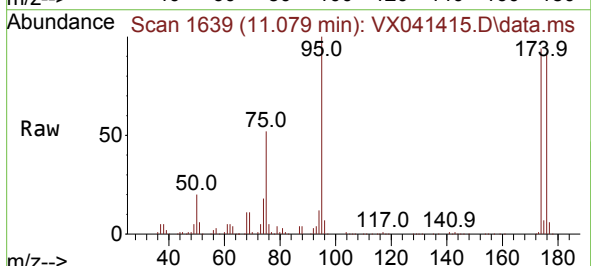
Instrument :
MSVOA_X
ClientSampleId :

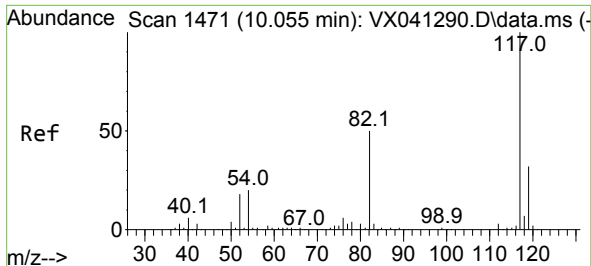
Tgt Ion: 98 Resp: 281300
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.515 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041415.D
Acq: 08 May 2024 11:46

Tgt Ion: 95 Resp: 93967
Ion Ratio Lower Upper
95 100
174 98.3 0.0 135.6
176 94.8 0.0 131.0

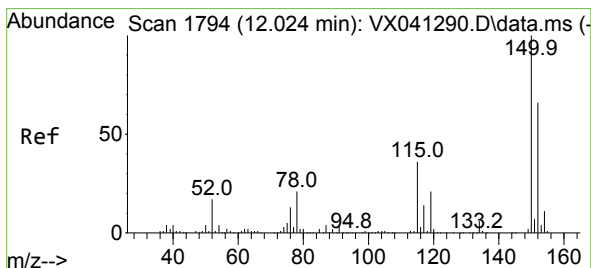
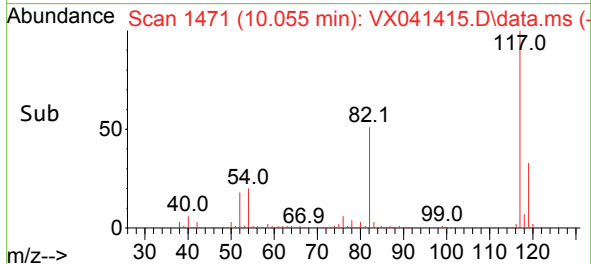
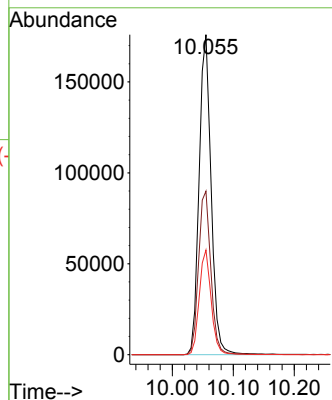
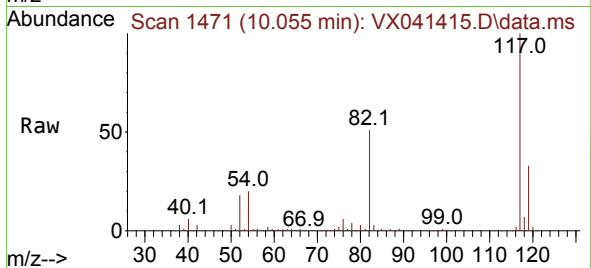




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041415.D
Acq: 08 May 2024 11:46

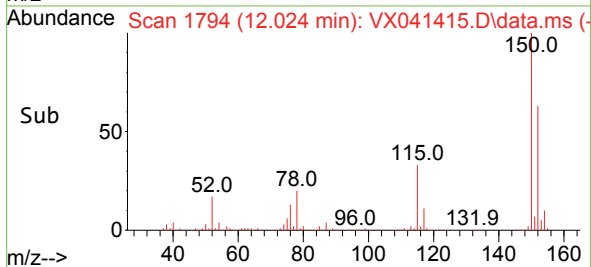
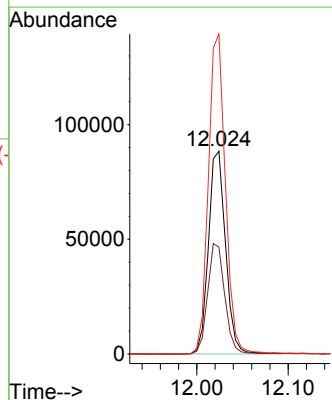
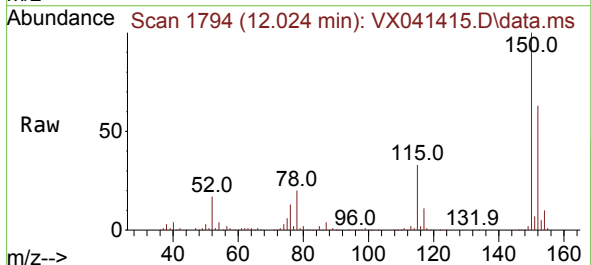
Instrument :
MSVOA_X
ClientSampleId :

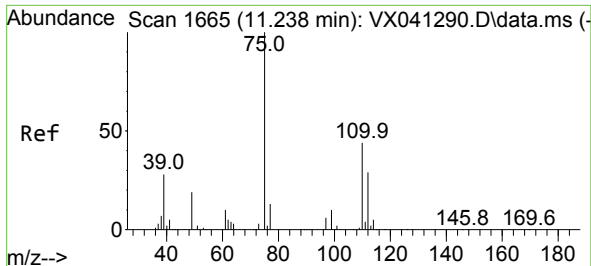
Tgt Ion:117 Resp: 240960
Ion Ratio Lower Upper
117 100
82 51.1 46.2 69.4
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX041415.D
Acq: 08 May 2024 11:46

Tgt Ion:152 Resp: 114969
Ion Ratio Lower Upper
152 100
115 54.6 43.3 129.9
150 157.5 0.0 345.0

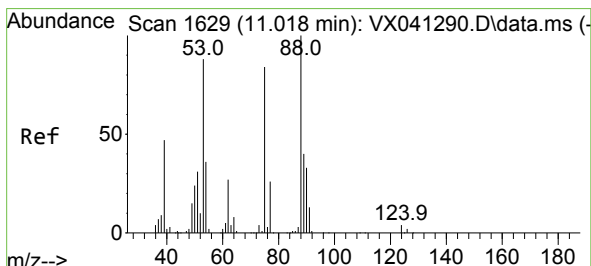
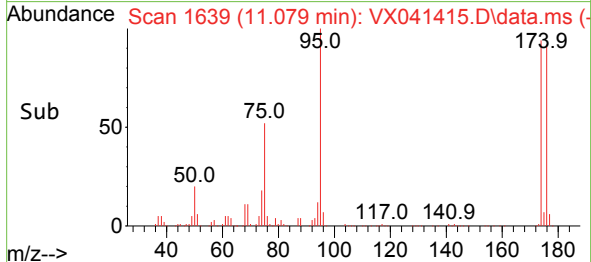
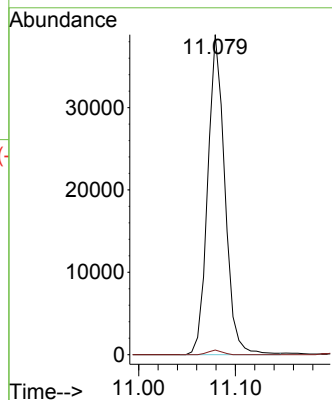
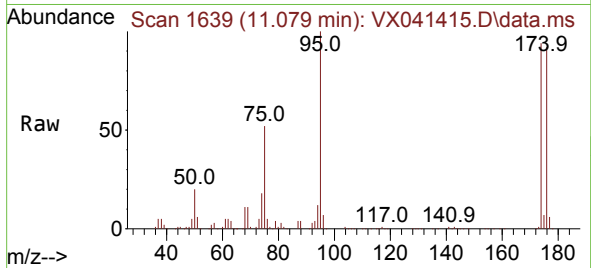




#76
1,2,3-Trichloropropane
Concen: 25.602 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX041415.D
Acq: 08 May 2024 11:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 47968
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.736 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX041415.D
Acq: 08 May 2024 11:46

Tgt Ion: 75 Resp: 47968
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

