

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
 Data File : VX041302.D
 Acq On : 30 Apr 2024 16:17
 Operator : JC/MD
 Sample : P2266-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 01 02:47:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

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

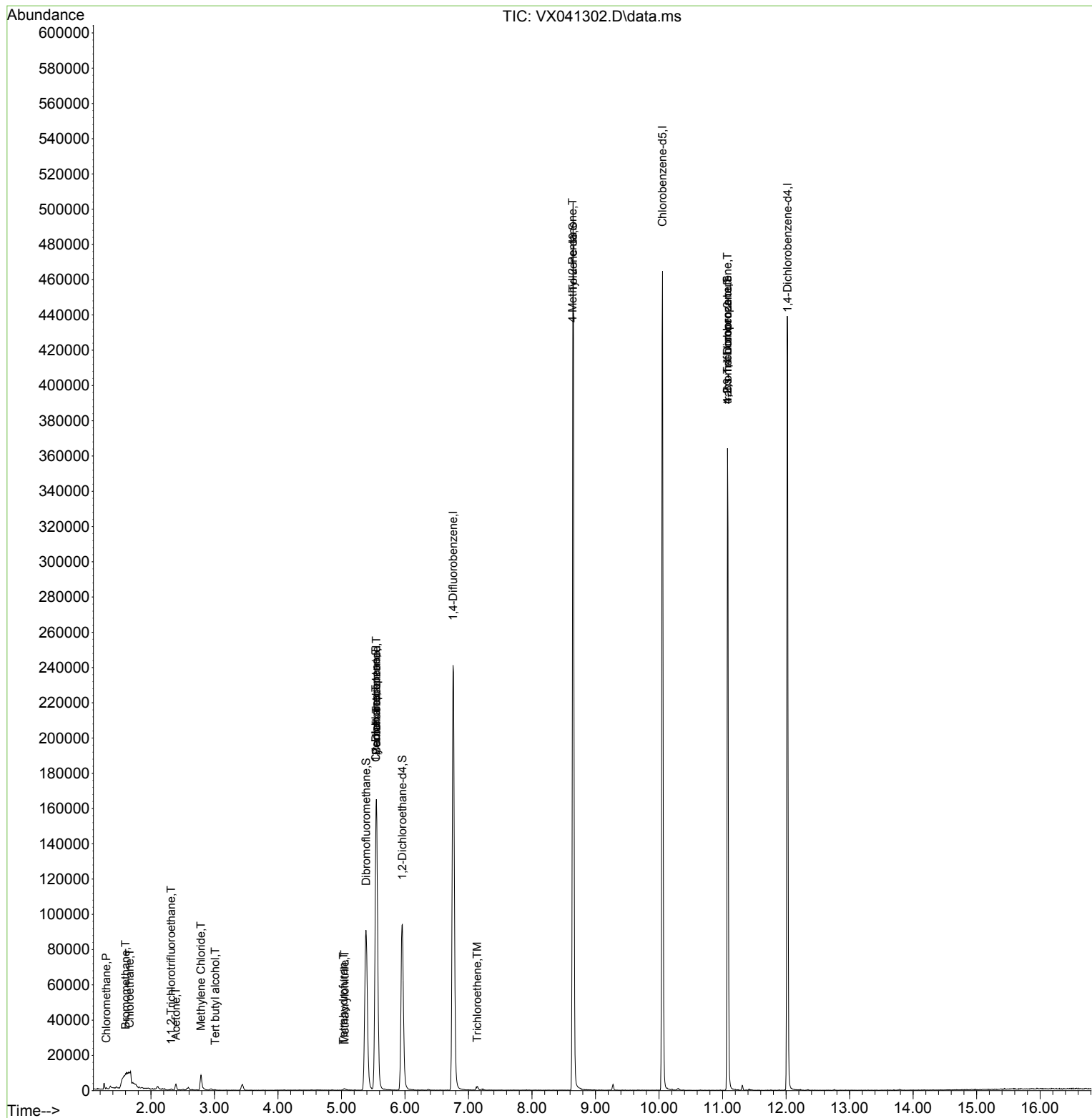
Internal Standards						
1) Pentafluorobenzene	5.550	168	178720	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	262175	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99376	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	96978	49.844	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.680%
35) Dibromofluoromethane	5.385	113	80029	45.044	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.080%
50) Toluene-d8	8.647	98	301161	53.555	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	107.120%
62) 4-Bromofluorobenzene	11.079	95	87485	40.189	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	80.380%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	348	0.229	ug/l #	88
5) Bromomethane	1.599	94	422	0.465	ug/l #	62
6) Chloroethane	1.666	64	193	0.287	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.319	101	292	0.208	ug/l #	82
11) Tert butyl alcohol	3.014	59	247	0.634	ug/l #	78
16) Acetone	2.392	43	3844	0.584	ug/l #	88
20) Methylene Chloride	2.788	84	4786	2.834	ug/l	95
29) Tetrahydrofuran	5.032	42	887	1.077	ug/l #	74
31) Cyclohexane	5.544	56	2938	1.251	ug/l #	12
36) 1,1-Dichloropropene	5.544	75	11064	5.208	ug/l #	52
38) Carbon Tetrachloride	5.550	117	15356	6.310	ug/l #	15
41) Methacrylonitrile	5.050	41	491	0.360	ug/l #	38
44) Trichloroethene	7.135	130	958	0.554	ug/l	93
51) 4-Methyl-2-Pentanone	8.641	43	1336	0.559	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	45287	27.963	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	45287	76.169	ug/l #	5

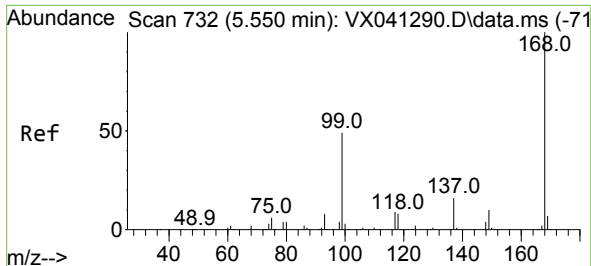
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 01 02:38:17 2024
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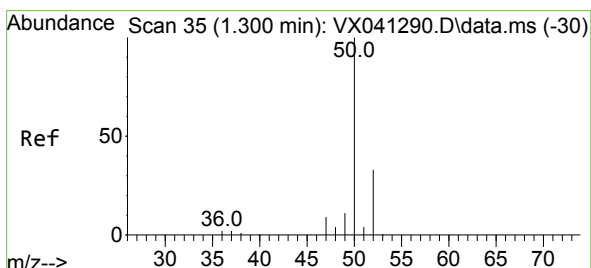
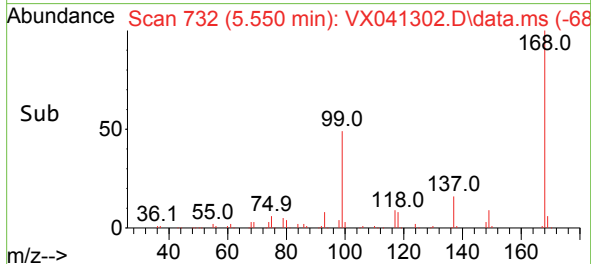
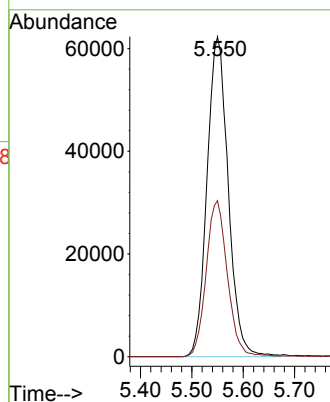
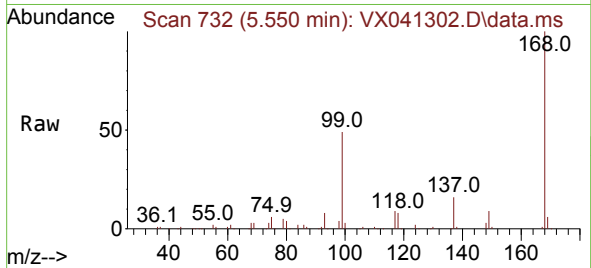




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041302.D
Acq: 30 Apr 2024 16:17

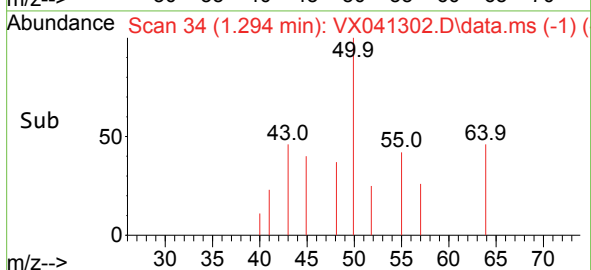
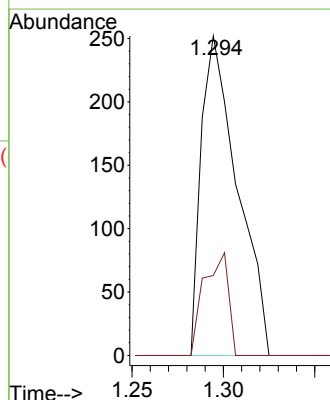
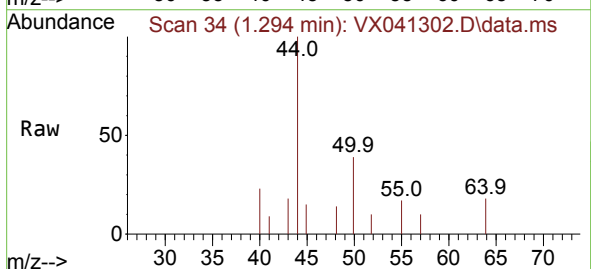
Instrument :
MSVOA_X
ClientSampleId :

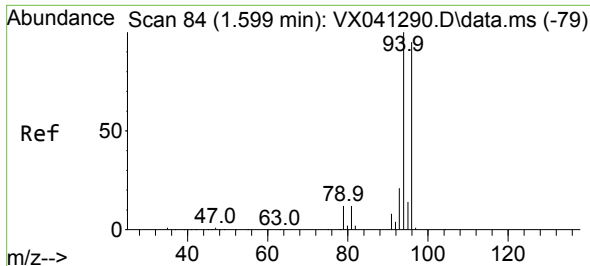
Tgt Ion:168 Resp: 178720
Ion Ratio Lower Upper
168 100
99 48.8 56.6 85.0#



#3
Chloromethane
Concen: 0.229 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041302.D
Acq: 30 Apr 2024 16:17

Tgt Ion: 50 Resp: 348
Ion Ratio Lower Upper
50 100
52 25.0 25.5 38.3#

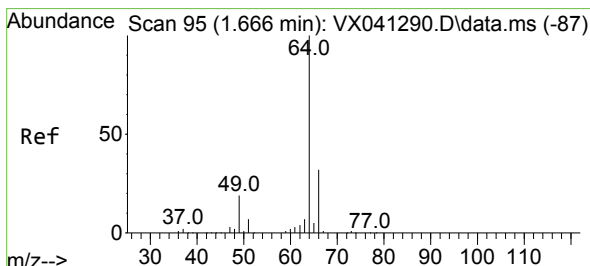
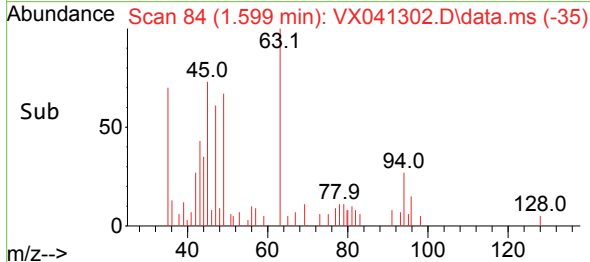
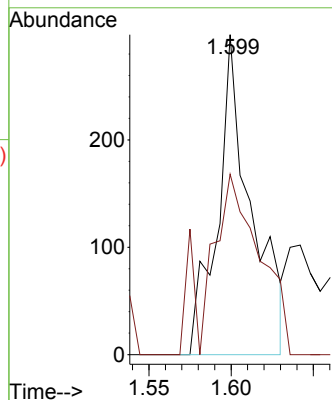
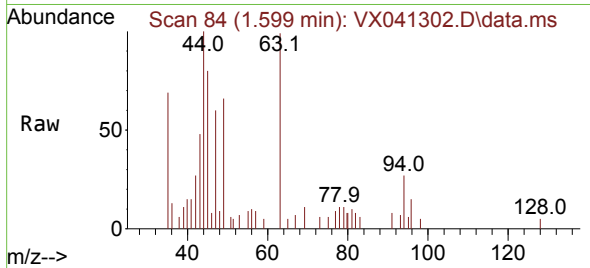




#5
Bromomethane
Concen: 0.465 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041302.D
Acq: 30 Apr 2024 16:17

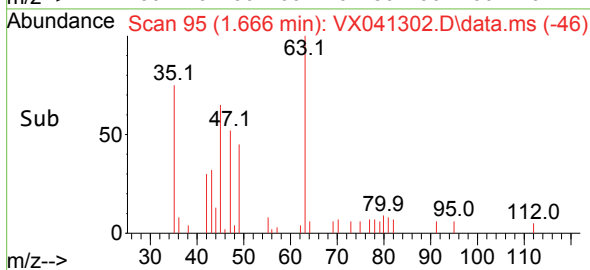
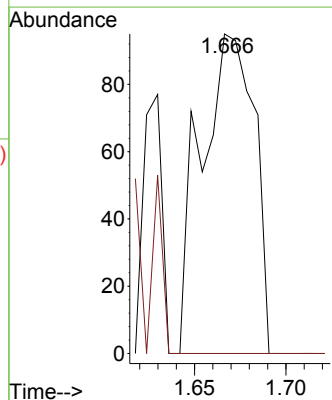
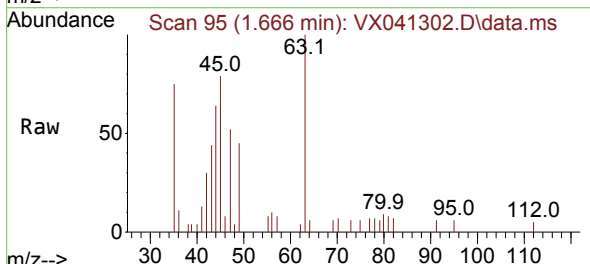
Instrument :
MSVOA_X
ClientSampleId :

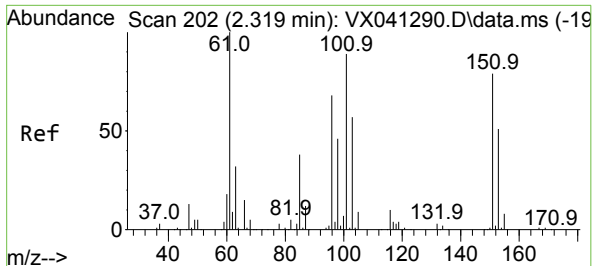
Tgt Ion: 94 Resp: 422
Ion Ratio Lower Upper
94 100
96 56.4 74.6 111.8#



#6
Chloroethane
Concen: 0.287 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX041302.D
Acq: 30 Apr 2024 16:17

Tgt Ion: 64 Resp: 193
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

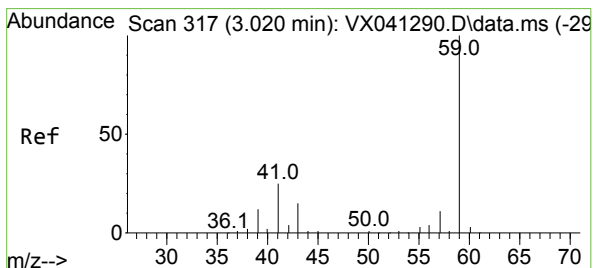
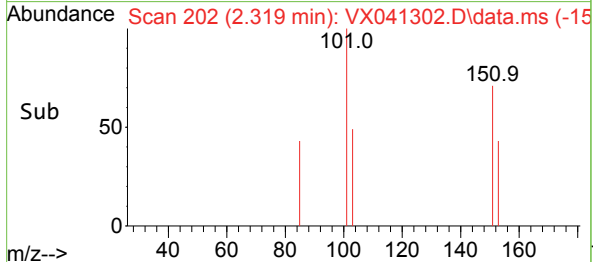
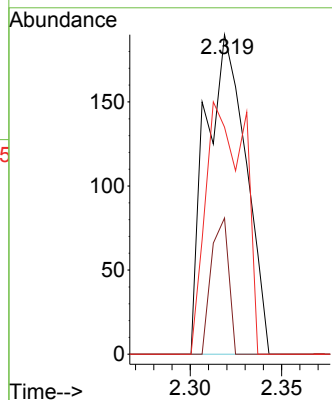
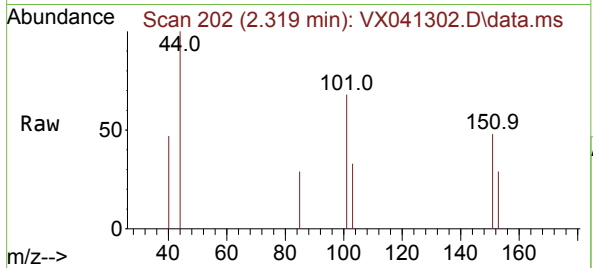




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.208 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX041302.D
Acq: 30 Apr 2024 16:17

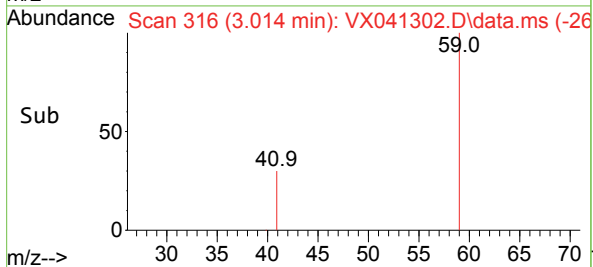
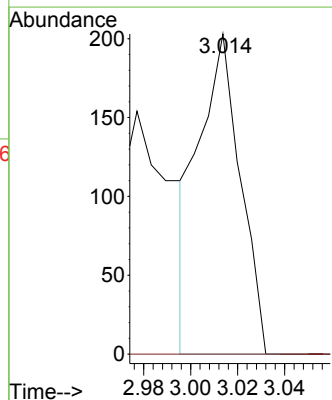
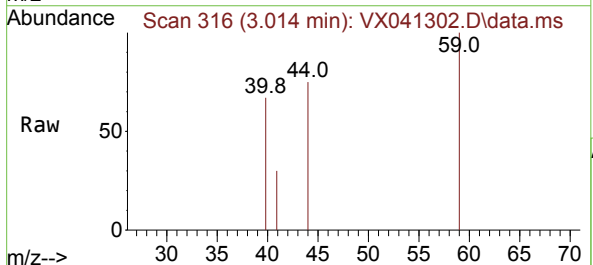
Instrument :
MSVOA_X
ClientSampleId :

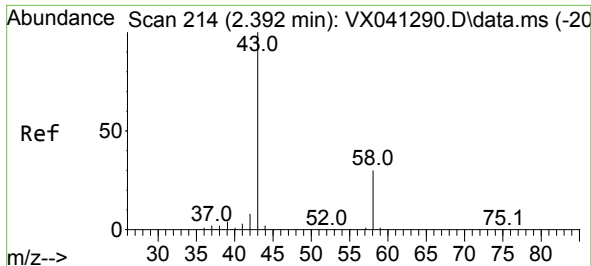
Tgt Ion:101 Resp: 292
Ion Ratio Lower Upper
101 100
85 18.5 37.0 55.6#
151 76.0 58.6 87.8



#11
Tert butyl alcohol
Concen: 0.634 ug/l
RT: 3.014 min Scan# 316
Delta R.T. -0.006 min
Lab File: VX041302.D
Acq: 30 Apr 2024 16:17

Tgt Ion: 59 Resp: 247
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

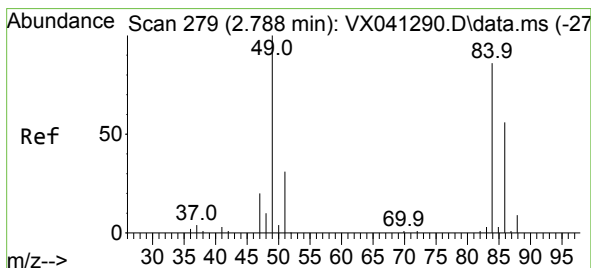
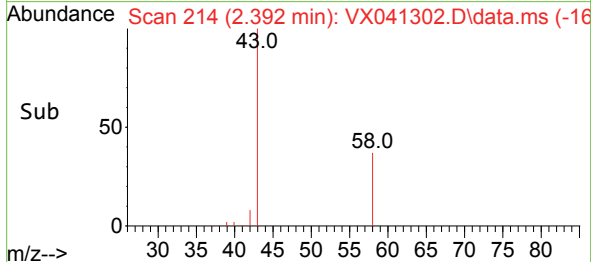
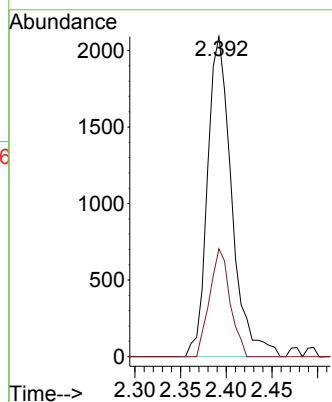
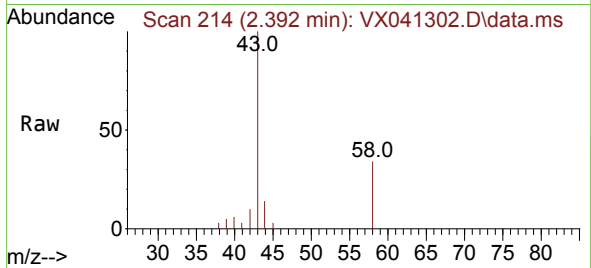




#16
Acetone
Concen: 0.584 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041302.D
Acq: 30 Apr 2024 16:17

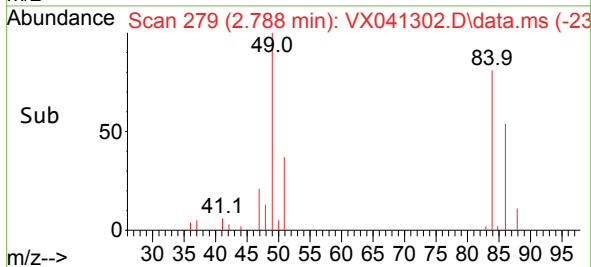
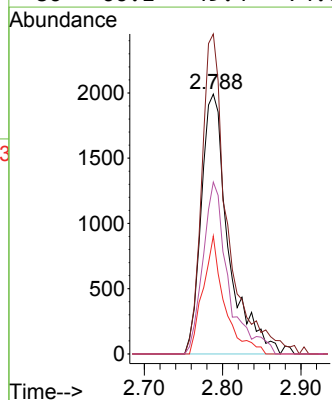
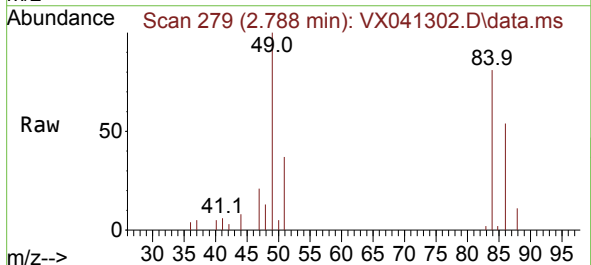
Instrument :
MSVOA_X
ClientSampleId :

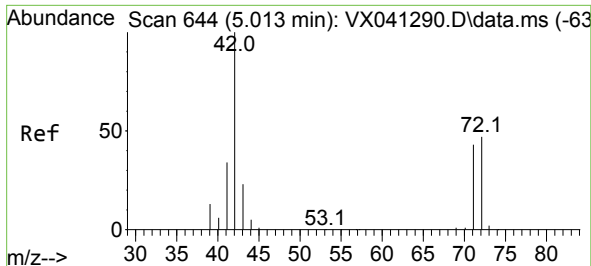
Tgt Ion: 43 Resp: 3844
Ion Ratio Lower Upper
43 100
58 33.7 21.9 32.9#



#20
Methylene Chloride
Concen: 2.834 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041302.D
Acq: 30 Apr 2024 16:17

Tgt Ion: 84 Resp: 4786
Ion Ratio Lower Upper
84 100
49 123.2 103.6 155.4
51 45.4 33.8 50.6
86 66.1 49.4 74.0





#29

Tetrahydrofuran

Concen: 1.077 ug/l

RT: 5.032 min Scan# 644

Delta R.T. 0.018 min

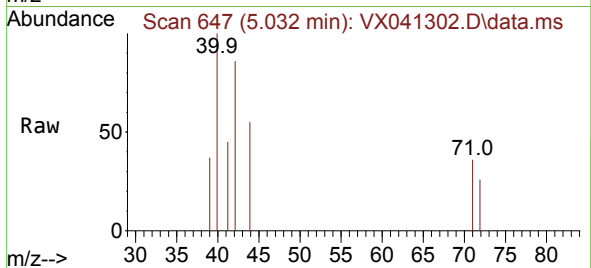
Lab File: VX041302.D

Acq: 30 Apr 2024 16:17

Instrument :

MSVOA_X

ClientSampleId :



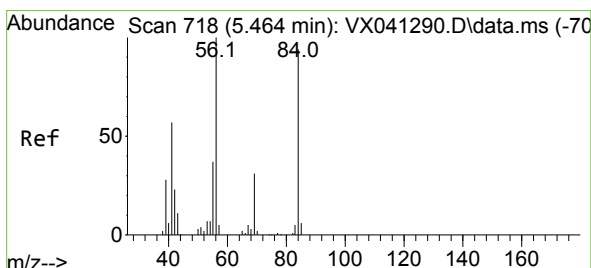
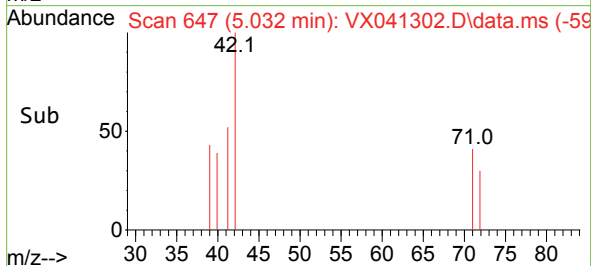
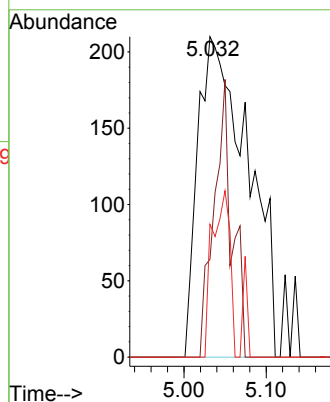
Tgt Ion: 42 Resp: 887

Ion Ratio Lower Upper

42 100

72 31.6 34.2 51.4#

71 18.5 32.2 48.2#



#31

Cyclohexane

Concen: 1.251 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX041302.D

Acq: 30 Apr 2024 16:17

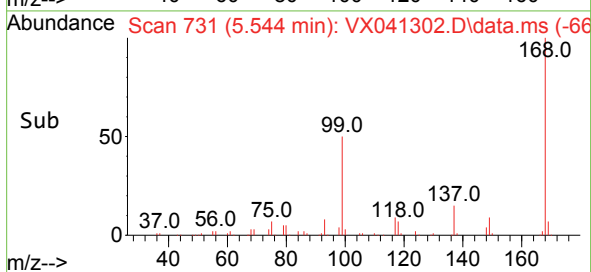
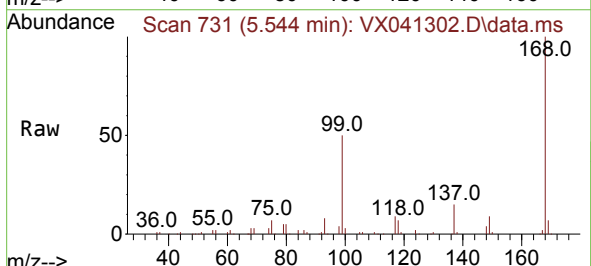
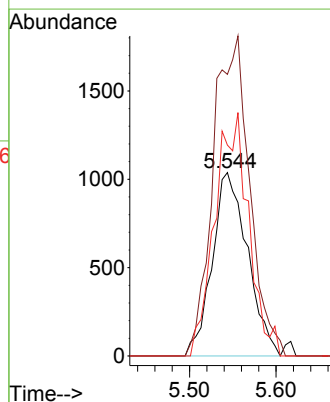
Tgt Ion: 56 Resp: 2938

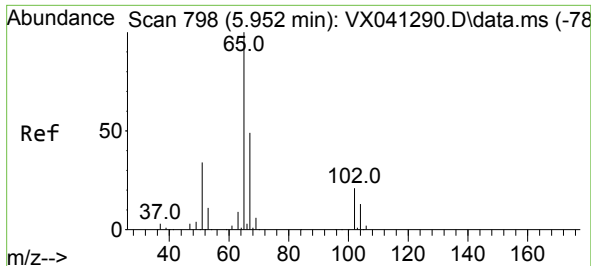
Ion Ratio Lower Upper

56 100

69 153.6 23.4 35.2#

84 115.0 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 49.844 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX041302.D

Acq: 30 Apr 2024 16:17

Instrument :

MSVOA_X

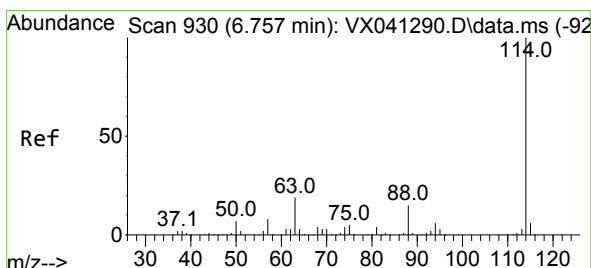
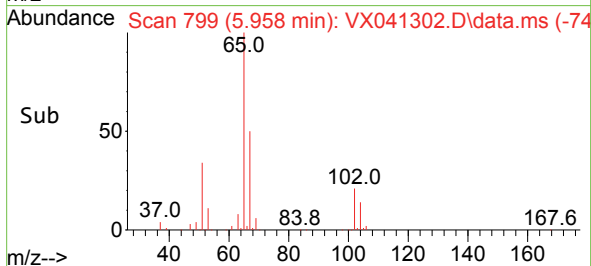
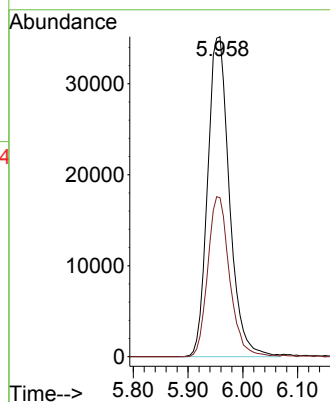
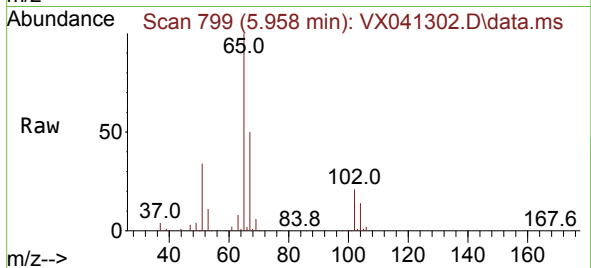
ClientSampleId :

Tgt Ion: 65 Resp: 96978

Ion Ratio Lower Upper

65 100

67 50.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX041302.D

Acq: 30 Apr 2024 16:17

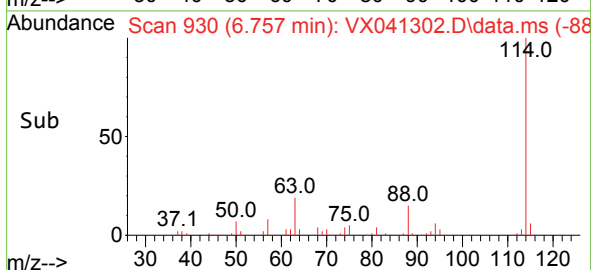
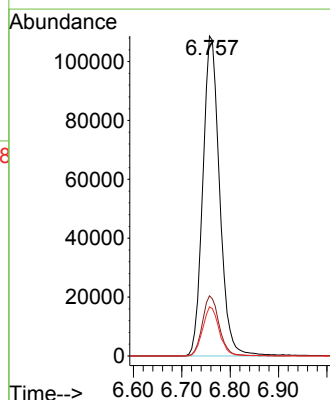
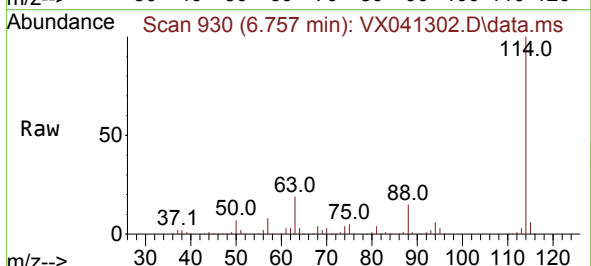
Tgt Ion: 114 Resp: 262175

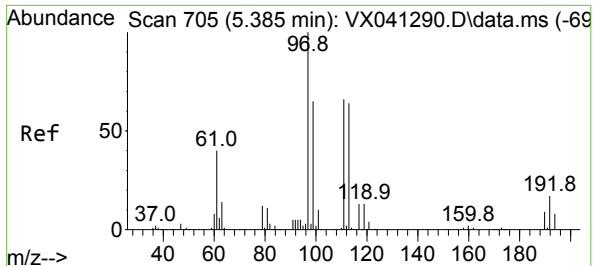
Ion Ratio Lower Upper

114 100

63 18.8 0.0 45.0

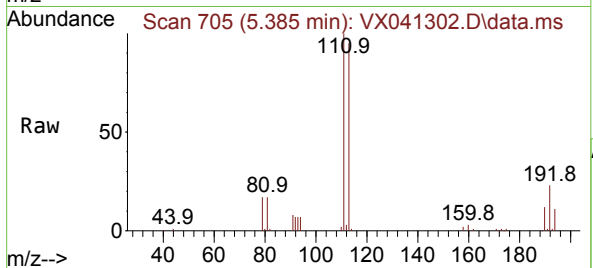
88 15.3 0.0 36.6



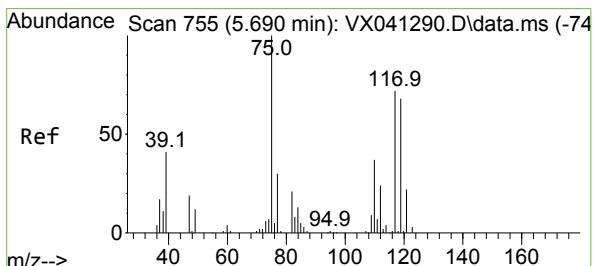
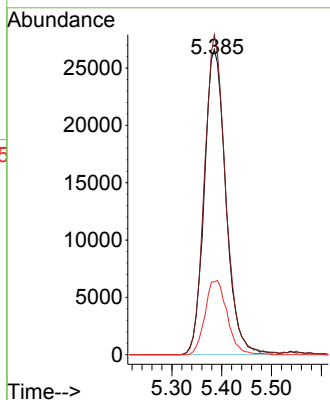
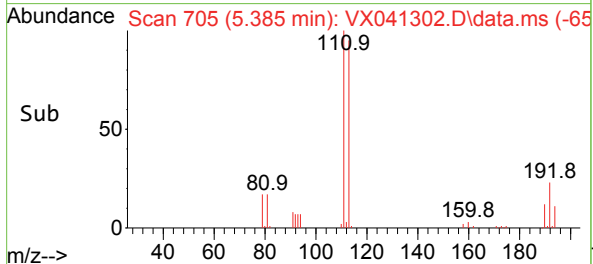


#35
Dibromofluoromethane
Concen: 45.044 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041302.D
Acq: 30 Apr 2024 16:17

Instrument :
MSVOA_X
ClientSampleId :

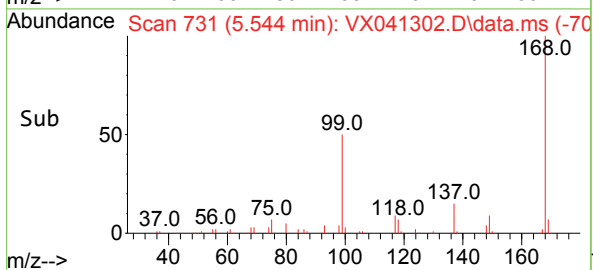
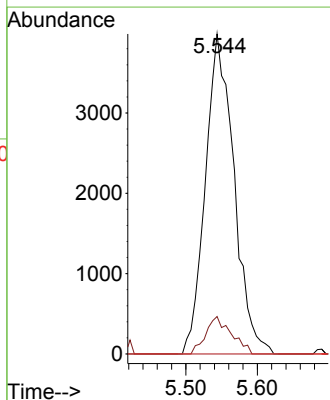
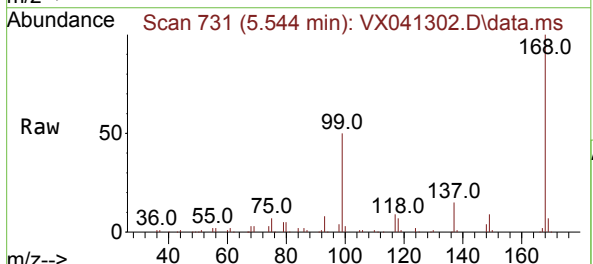


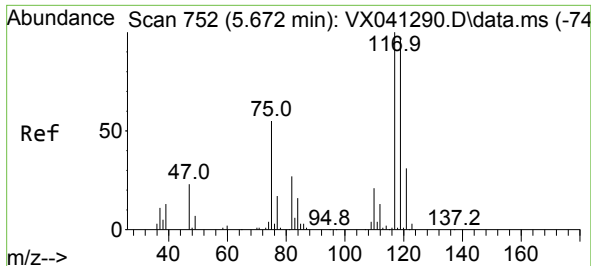
Tgt Ion:113 Resp: 80029
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 25.1 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 5.208 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX041302.D
Acq: 30 Apr 2024 16:17

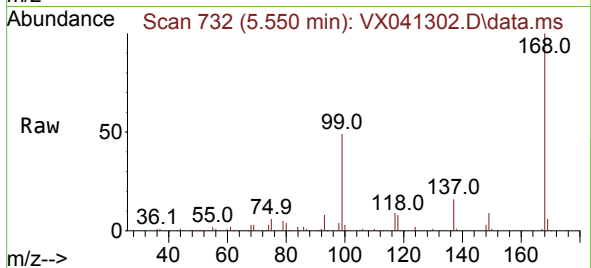
Tgt Ion: 75 Resp: 11064
Ion Ratio Lower Upper
75 100
110 10.4 17.0 50.9#
77 0.0 24.7 37.1#



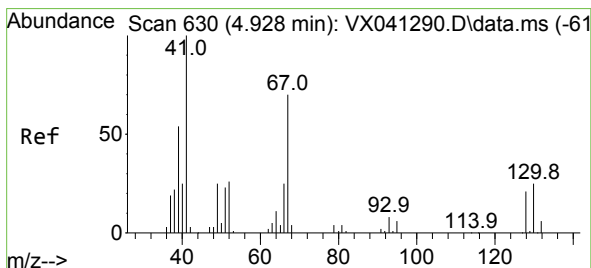
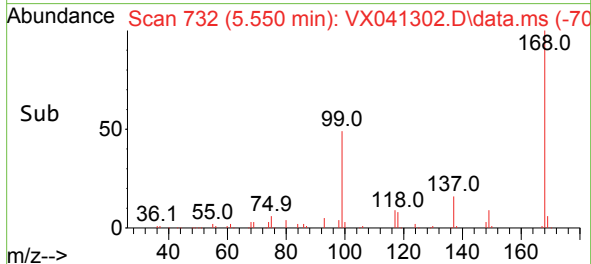
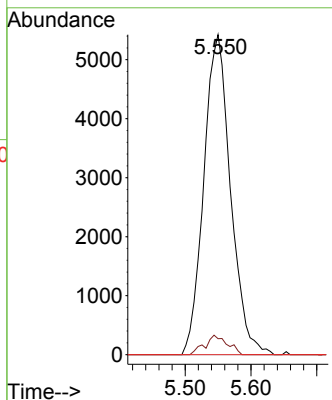


#38
Carbon Tetrachloride
Concen: 6.310 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX041302.D
Acq: 30 Apr 2024 16:17

Instrument :
MSVOA_X
ClientSampleId :

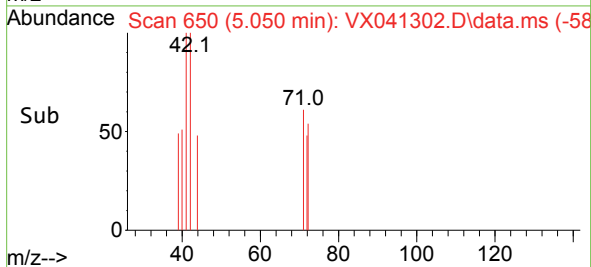
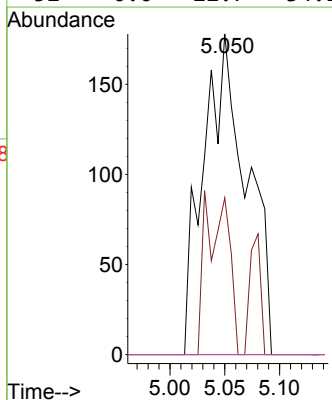
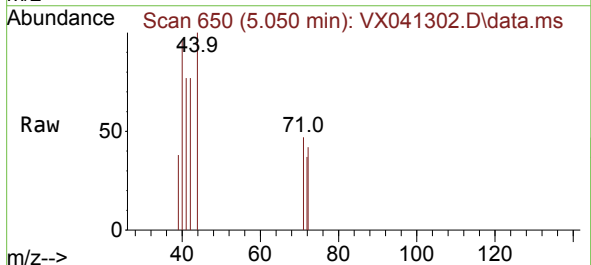


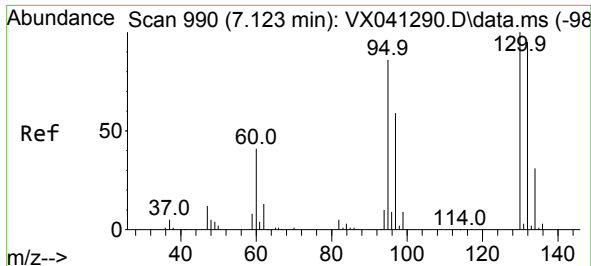
Tgt Ion:117 Resp: 15356
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#



#41
Methacrylonitrile
Concen: 0.360 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.122 min
Lab File: VX041302.D
Acq: 30 Apr 2024 16:17

Tgt Ion: 41 Resp: 491
Ion Ratio Lower Upper
41 100
39 26.5 45.2 67.8#
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#

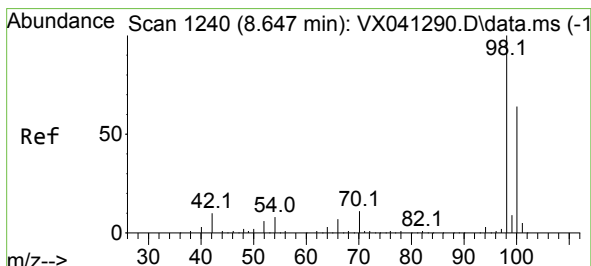
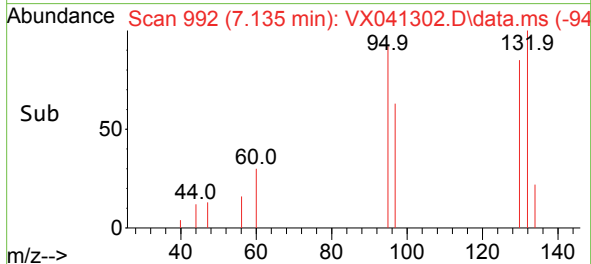
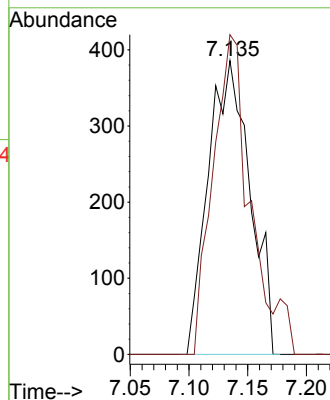
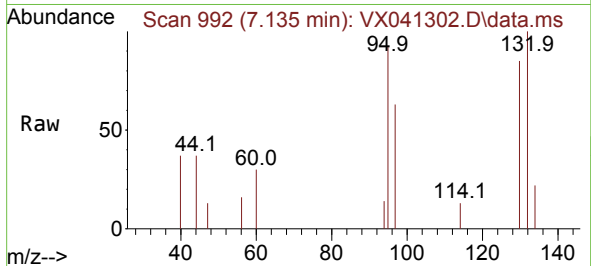




#44
Trichloroethene
Concen: 0.554 ug/l
RT: 7.135 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX041302.D
Acq: 30 Apr 2024 16:17

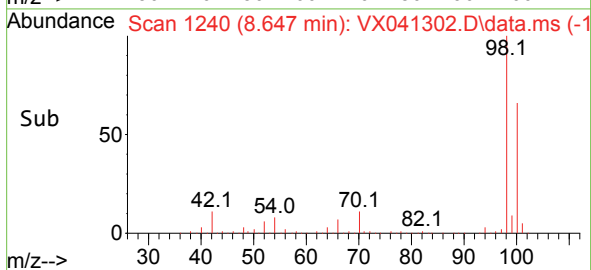
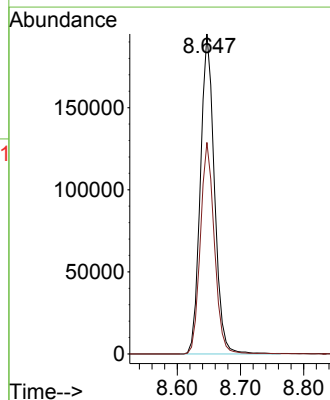
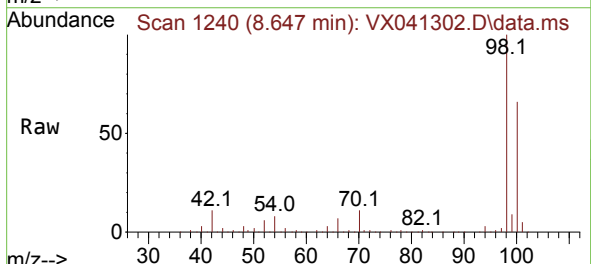
Instrument :
MSVOA_X
ClientSampleId :

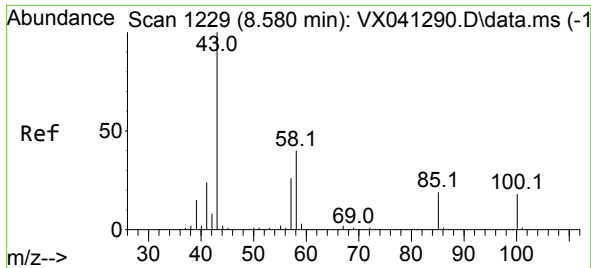
Tgt Ion:130 Resp: 958
Ion Ratio Lower Upper
130 100
95 108.8 0.0 204.4



#50
Toluene-d8
Concen: 53.555 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041302.D
Acq: 30 Apr 2024 16:17

Tgt Ion: 98 Resp: 301161
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7

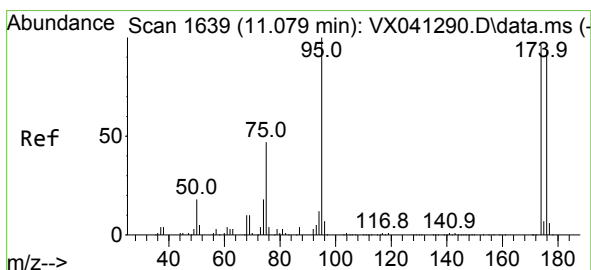
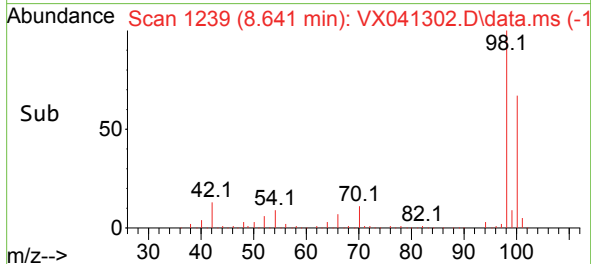
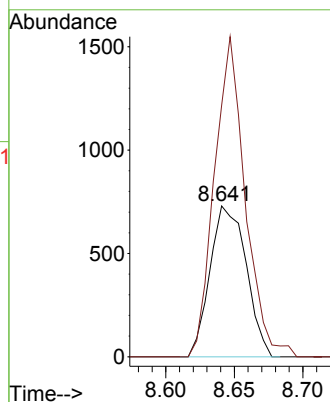
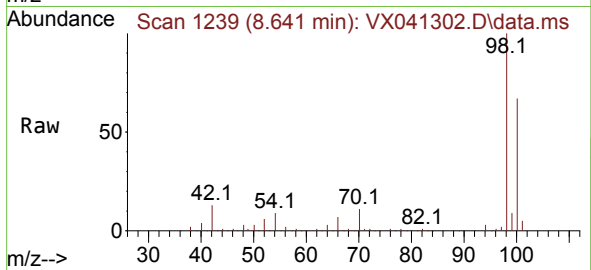




#51
4-Methyl-2-Pentanone
Concen: 0.559 ug/l
RT: 8.641 min Scan# 1229
Delta R.T. 0.061 min
Lab File: VX041302.D
Acq: 30 Apr 2024 16:17

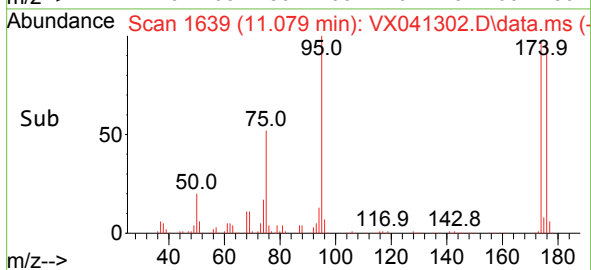
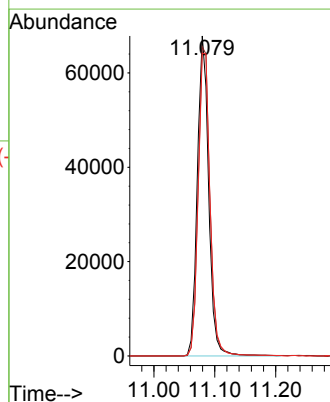
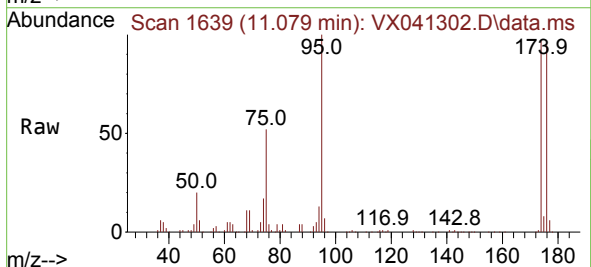
Instrument :
MSVOA_X
ClientSampleId :

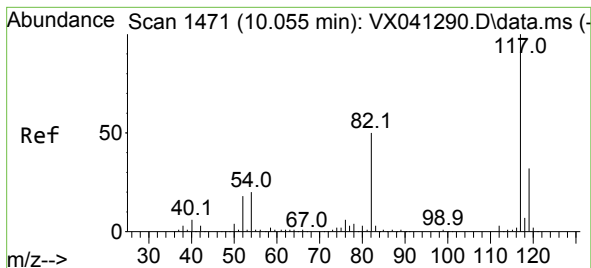
Tgt Ion: 43 Resp: 1336
Ion Ratio Lower Upper
43 100
58 181.0 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 40.189 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041302.D
Acq: 30 Apr 2024 16:17

Tgt Ion: 95 Resp: 87485
Ion Ratio Lower Upper
95 100
174 99.9 0.0 135.6
176 99.4 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

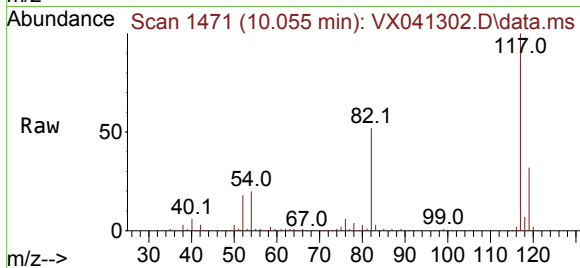
Lab File: VX041302.D

Acq: 30 Apr 2024 16:17

Instrument :

MSVOA_X

ClientSampleId :



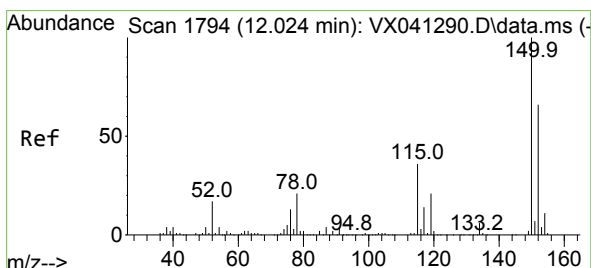
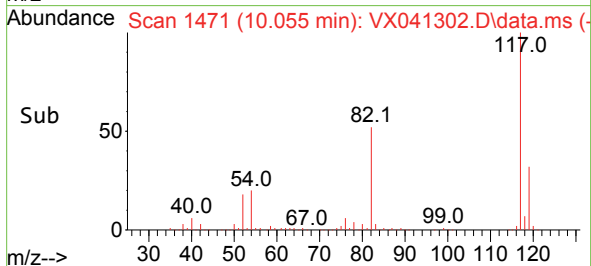
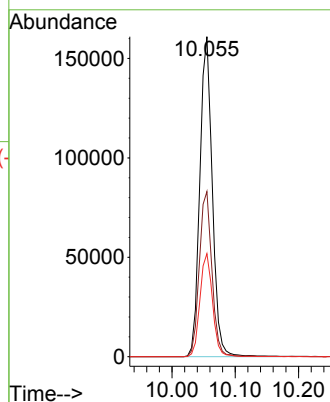
Tgt Ion:117 Resp: 221534

Ion Ratio Lower Upper

117 100

82 51.6 46.2 69.4

119 32.2 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: VX041302.D

Acq: 30 Apr 2024 16:17

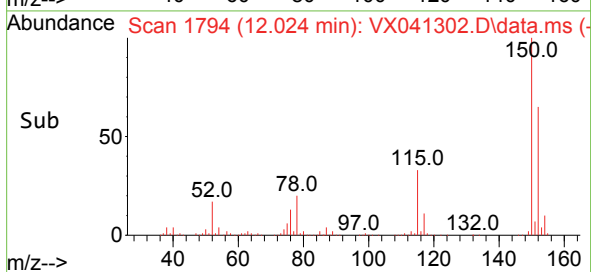
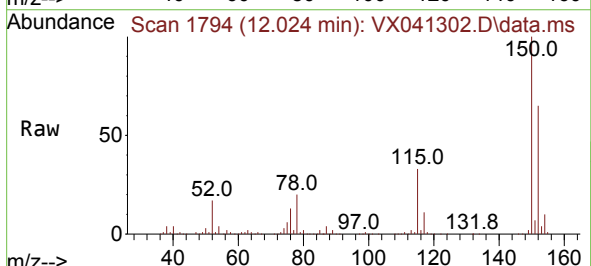
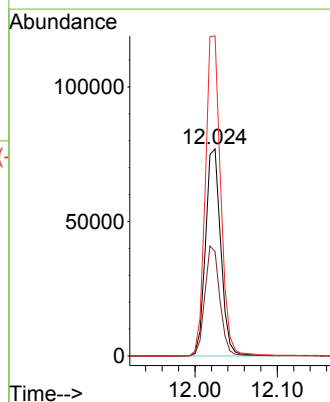
Tgt Ion:152 Resp: 99376

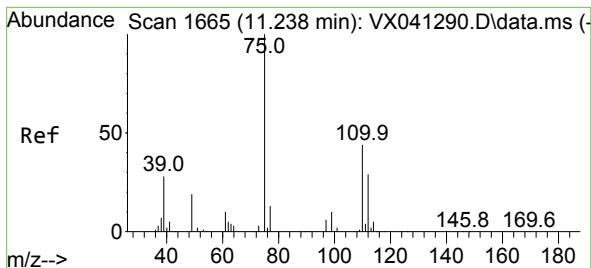
Ion Ratio Lower Upper

152 100

115 52.3 43.3 129.9

150 156.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 27.963 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041302.D

Acq: 30 Apr 2024 16:17

Instrument :

MSVOA_X

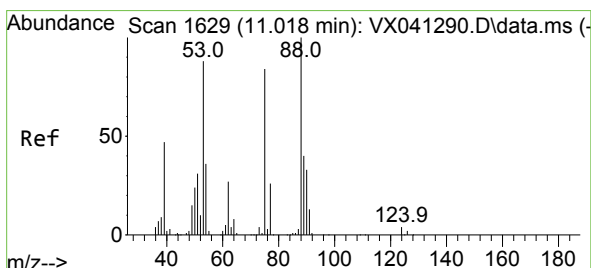
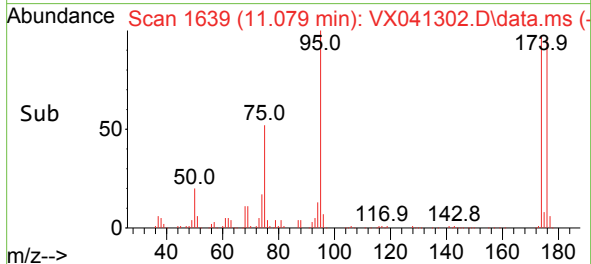
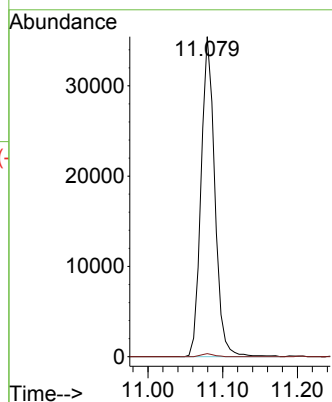
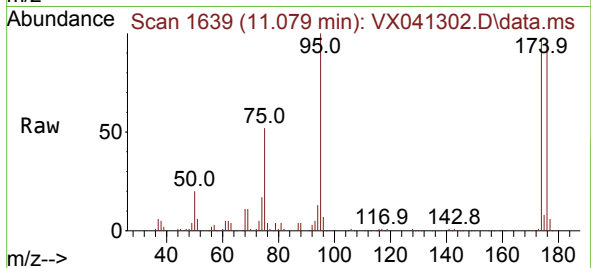
ClientSampleId :

Tgt Ion: 75 Resp: 45287

Ion Ratio Lower Upper

75 100

77 0.9 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 76.169 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041302.D

Acq: 30 Apr 2024 16:17

Tgt Ion: 75 Resp: 45287

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

