

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
 Data File : VX041303.D
 Acq On : 30 Apr 2024 16:40
 Operator : JC/MD
 Sample : P2284-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 01 02:48:01 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)

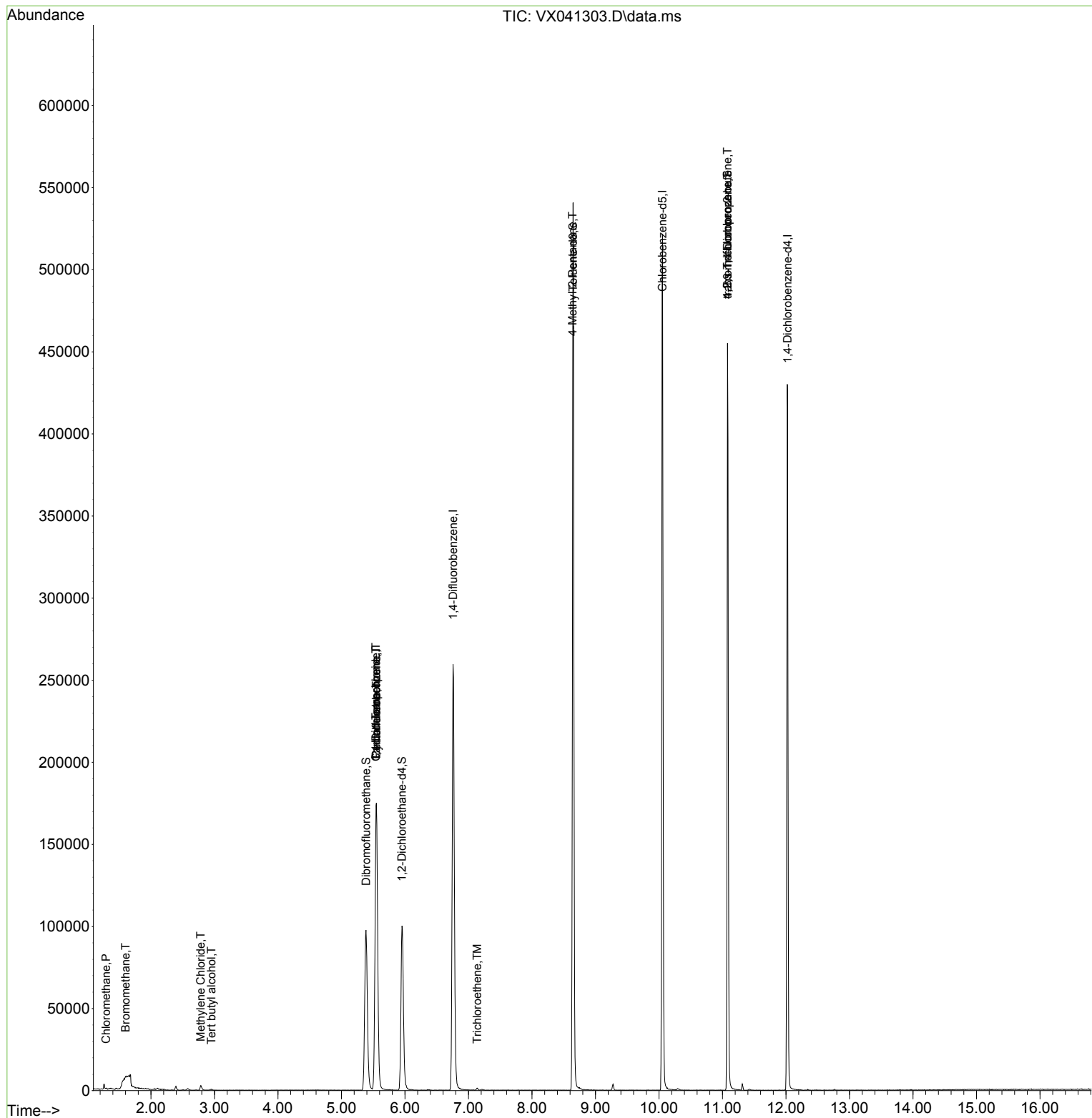
Internal Standards						
1) Pentafluorobenzene	5.550	168	192493	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	277734	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	256737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	102309	48.822	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.640%
35) Dibromofluoromethane	5.385	113	85223	45.280	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.560%
50) Toluene-d8	8.647	98	317998	53.382	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.760%
62) 4-Bromofluorobenzene	11.079	95	114749	49.761	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.520%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	362	0.221	ug/l	95
5) Bromomethane	1.599	94	373	0.381	ug/l	# 77
11) Tert butyl alcohol	2.953	59	450	1.073	ug/l	# 78
16) Acetone	2.392	43	2633	Below Cal		99
20) Methylene Chloride	2.782	84	1475	0.811	ug/l	97
31) Cyclohexane	5.550	56	3224	1.275	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	11367	5.051	ug/l	# 51
38) Carbon Tetrachloride	5.544	117	16662	6.463	ug/l	# 15
44) Trichloroethene	7.135	130	451	0.246	ug/l	58
51) 4-Methyl-2-Pentanone	8.641	43	1301	0.514	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	56925	35.454	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	56925	96.573	ug/l	# 5

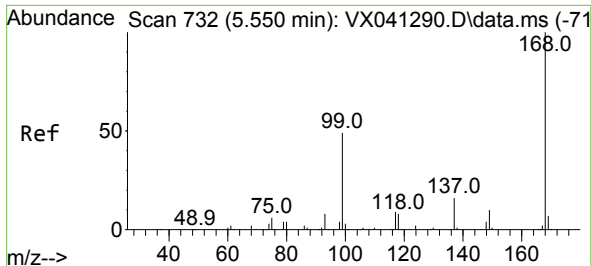
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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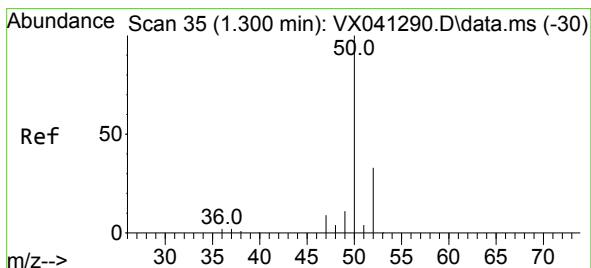
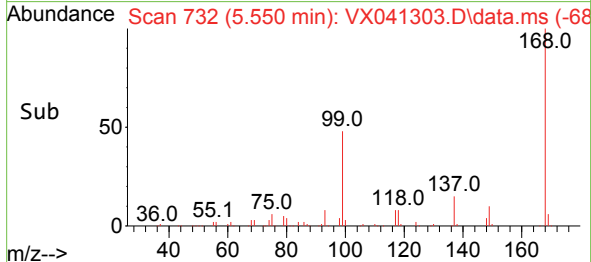
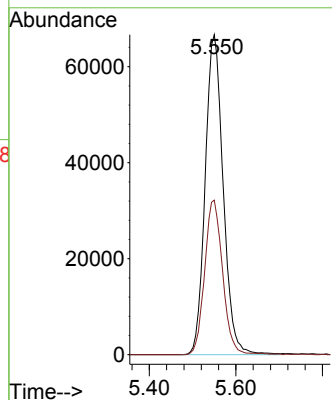
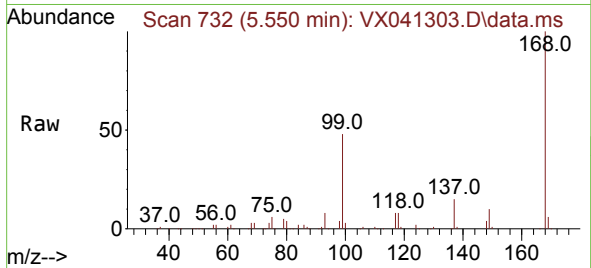




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041303.D
Acq: 30 Apr 2024 16:40

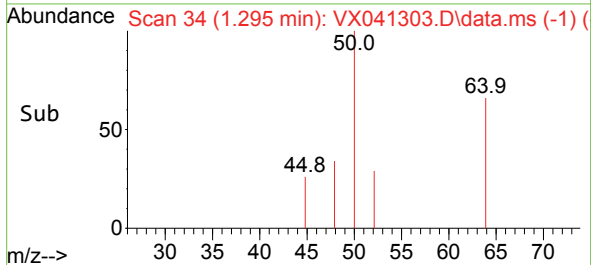
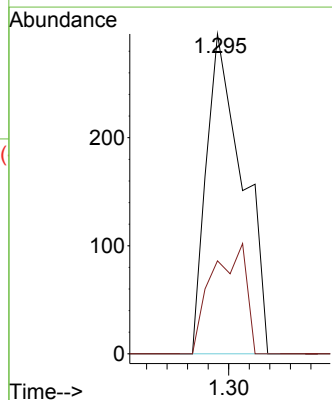
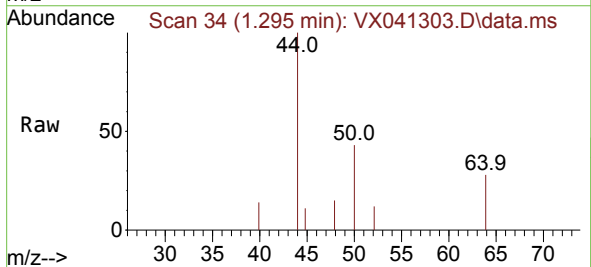
Instrument :
MSVOA_X
ClientSampleId :

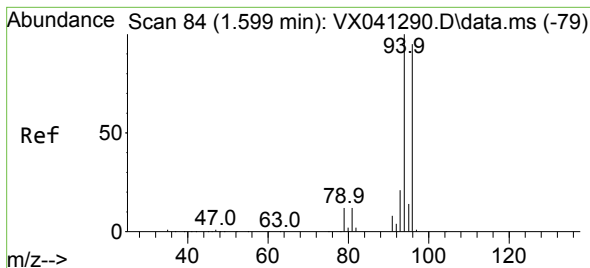
Tgt Ion:168 Resp: 192493
Ion Ratio Lower Upper
168 100
99 48.3 56.6 85.0#



#3
Chloromethane
Concen: 0.221 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041303.D
Acq: 30 Apr 2024 16:40

Tgt Ion: 50 Resp: 362
Ion Ratio Lower Upper
50 100
52 29.1 25.5 38.3





#5

Bromomethane

Concen: 0.381 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX041303.D

Acq: 30 Apr 2024 16:40

Instrument :

MSVOA_X

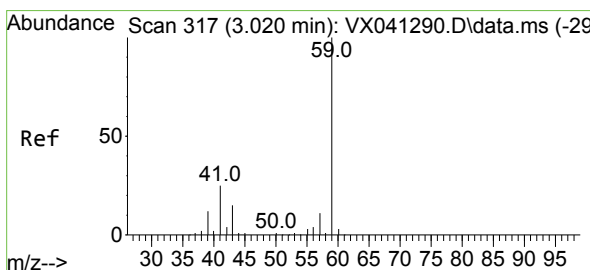
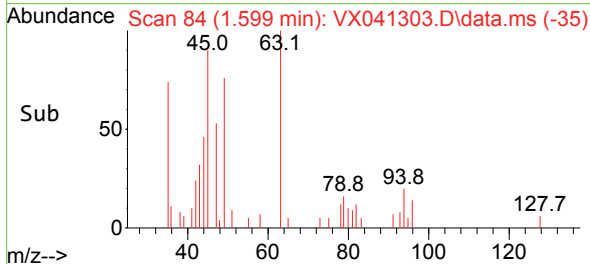
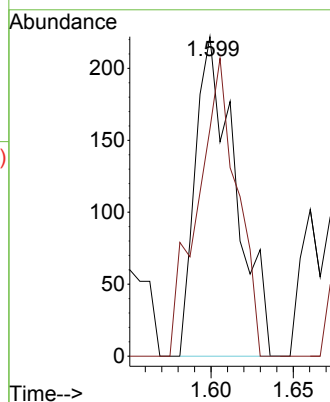
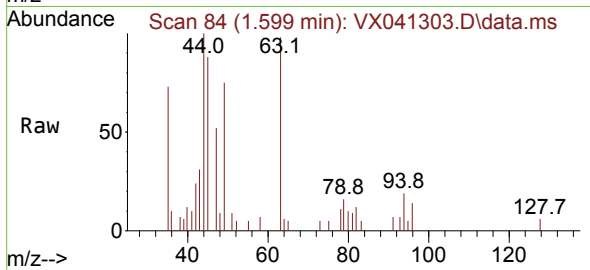
ClientSampleId :

Tgt Ion: 94 Resp: 373

Ion Ratio Lower Upper

94 100

96 71.2 74.6 111.8#



#11

Tert butyl alcohol

Concen: 1.073 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.067 min

Lab File: VX041303.D

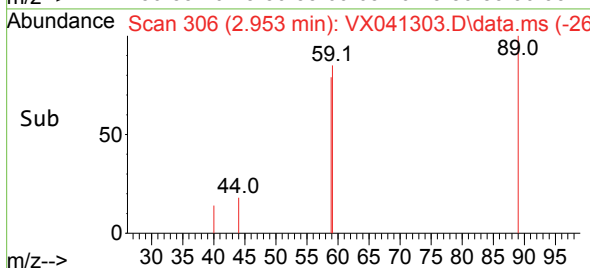
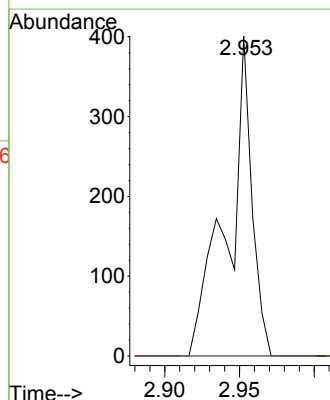
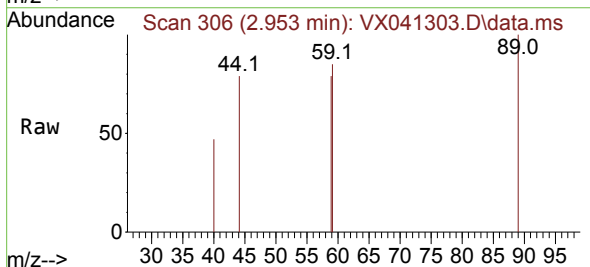
Acq: 30 Apr 2024 16:40

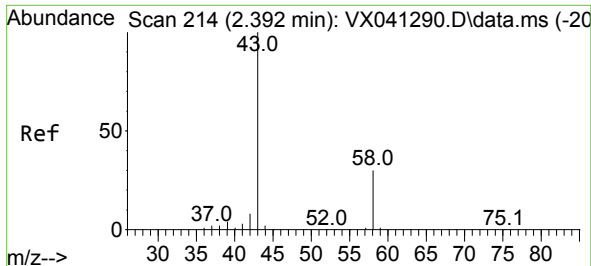
Tgt Ion: 59 Resp: 450

Ion Ratio Lower Upper

59 100

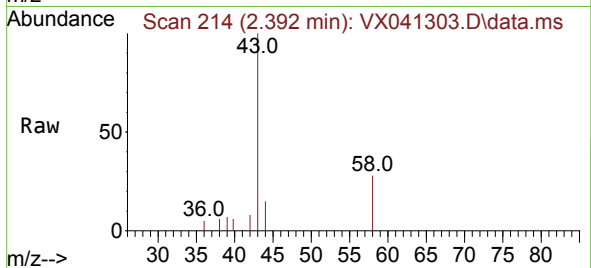
57 0.0 6.0 9.0#



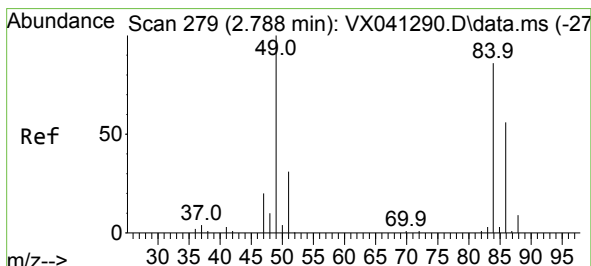
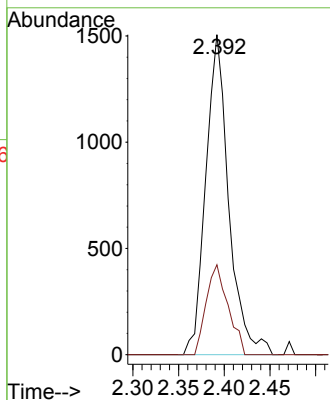
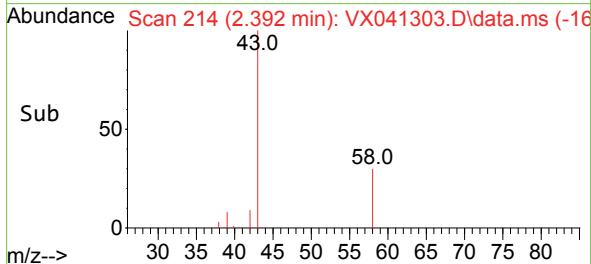


#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041303.D
Acq: 30 Apr 2024 16:40

Instrument :
MSVOA_X
ClientSampleId :

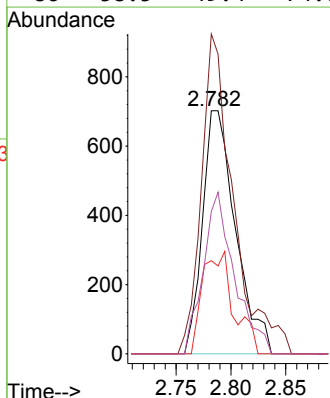
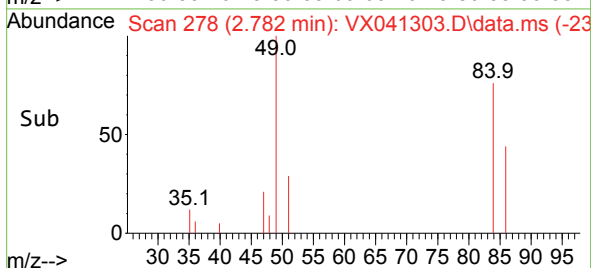
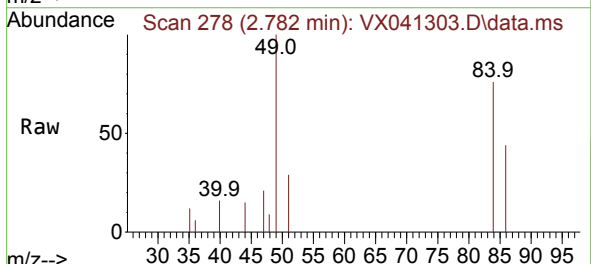


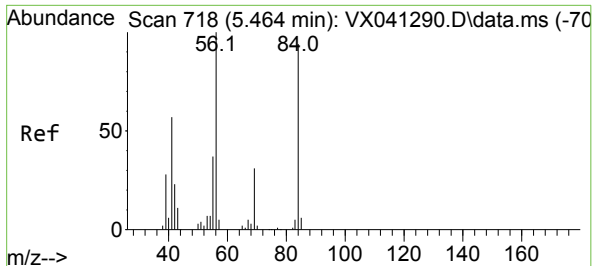
Tgt Ion: 43 Resp: 2633
Ion Ratio Lower Upper
43 100
58 28.1 21.9 32.9



#20
Methylene Chloride
Concen: 0.811 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX041303.D
Acq: 30 Apr 2024 16:40

Tgt Ion: 84 Resp: 1475
Ion Ratio Lower Upper
84 100
49 131.6 103.6 155.4
51 38.3 33.8 50.6
86 58.5 49.4 74.0





#31

Cyclohexane

Concen: 1.275 ug/l

RT: 5.550 min Scan# 718

Delta R.T. 0.086 min

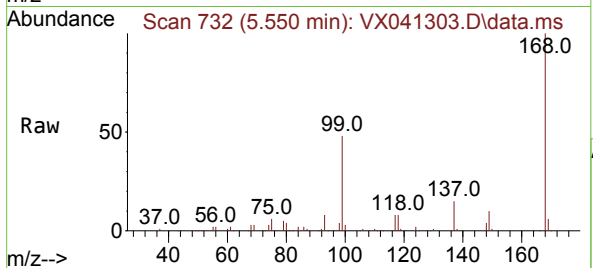
Lab File: VX041303.D

Acq: 30 Apr 2024 16:40

Instrument :

MSVOA_X

ClientSampleId :



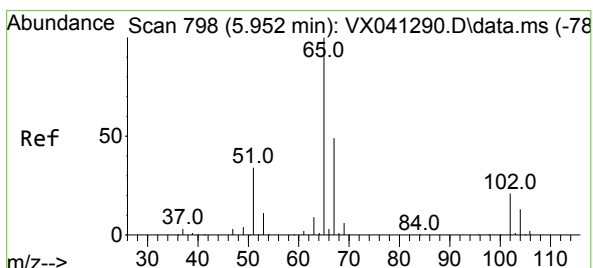
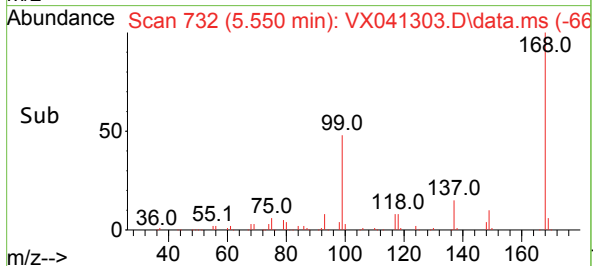
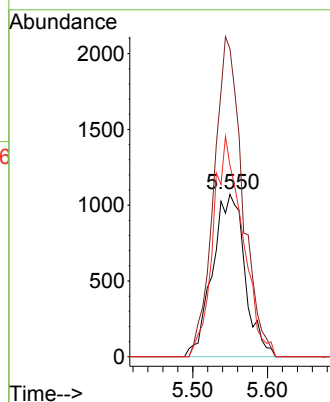
Tgt Ion: 56 Resp: 3224

Ion Ratio Lower Upper

56 100

69 189.7 23.4 35.2#

84 117.7 65.9 98.9#



#33

1,2-Dichloroethane-d4

Concen: 48.822 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041303.D

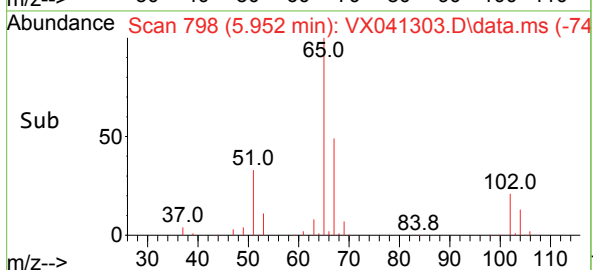
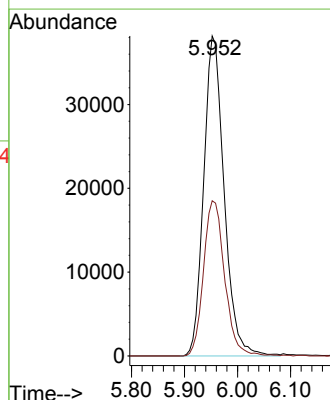
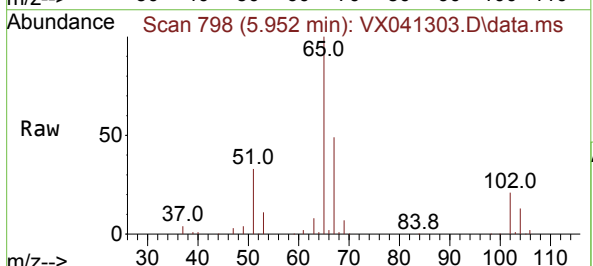
Acq: 30 Apr 2024 16:40

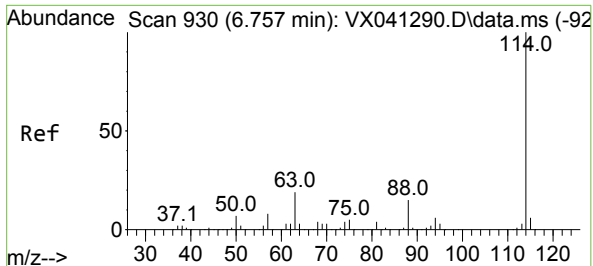
Tgt Ion: 65 Resp: 102309

Ion Ratio Lower Upper

65 100

67 50.1 0.0 100.2

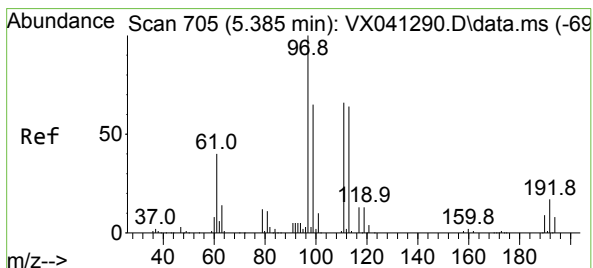
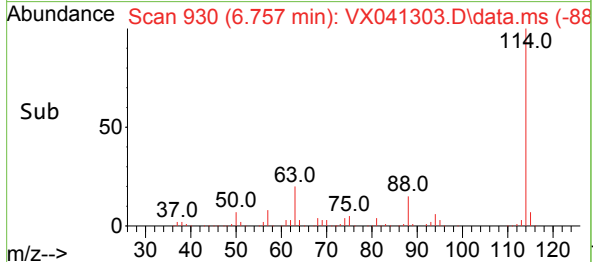
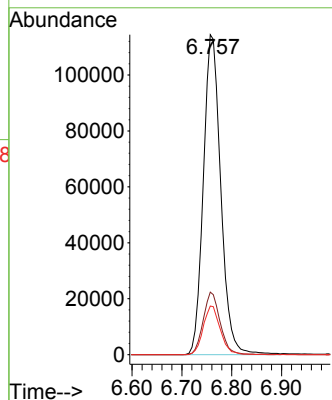
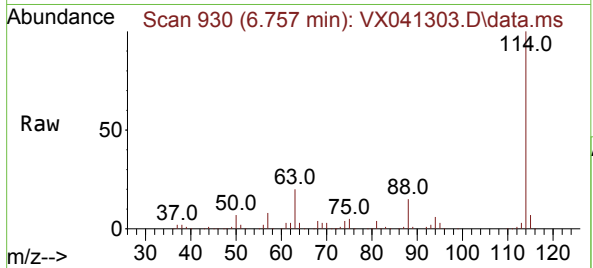




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041303.D
Acq: 30 Apr 2024 16:40

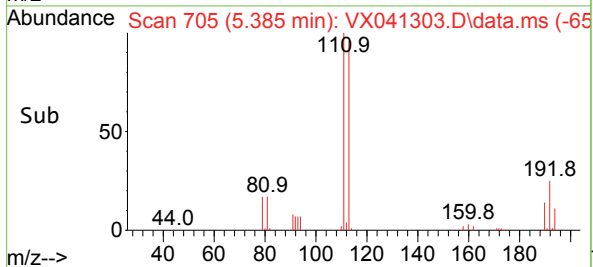
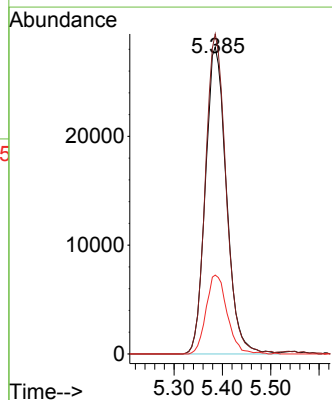
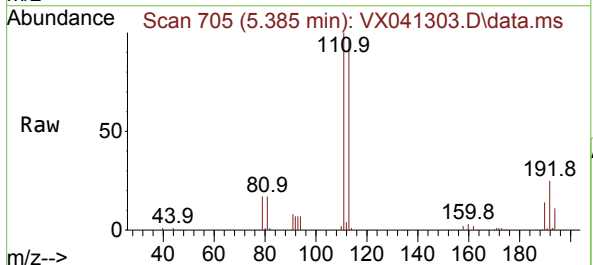
Instrument :
MSVOA_X
ClientSampleId :

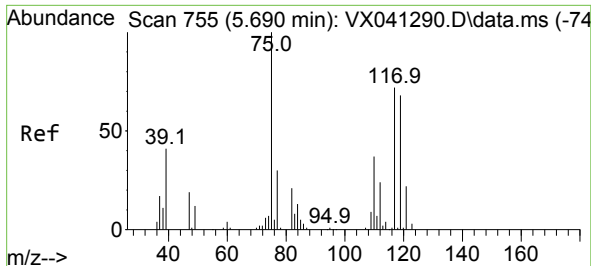
Tgt Ion:114 Resp: 277734
Ion Ratio Lower Upper
114 100
63 19.5 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.280 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041303.D
Acq: 30 Apr 2024 16:40

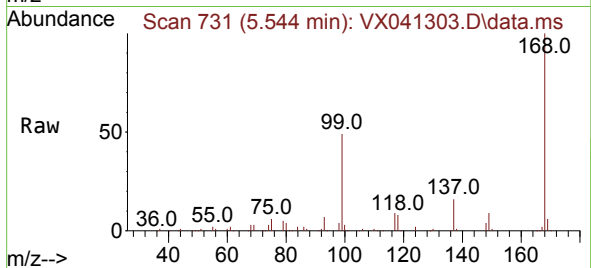
Tgt Ion:113 Resp: 85223
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 25.8 13.3 19.9#



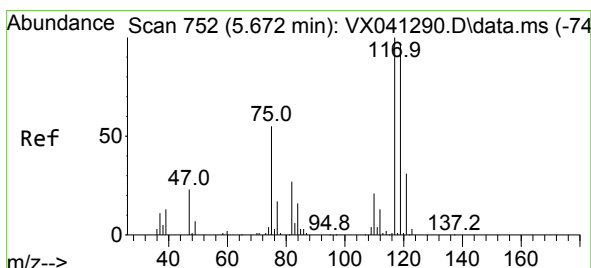
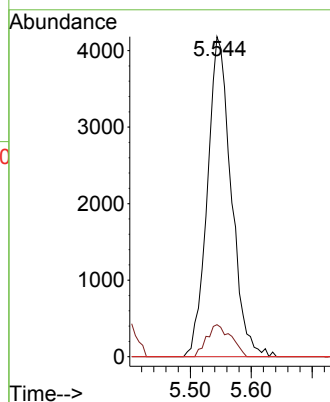
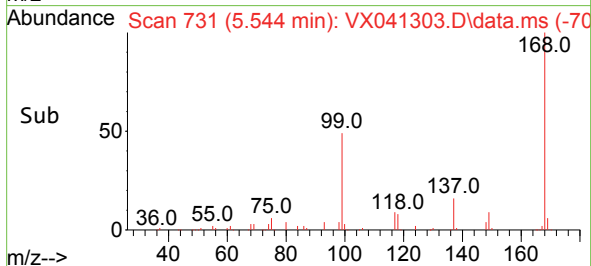


#36
1,1-Dichloropropene
Concen: 5.051 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX041303.D
Acq: 30 Apr 2024 16:40

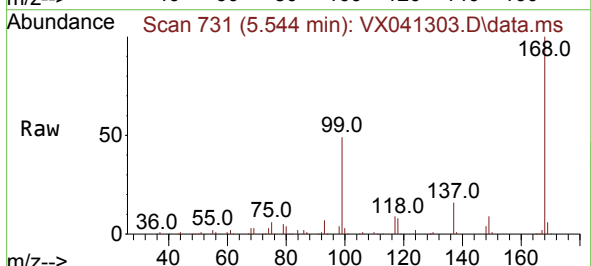
Instrument :
MSVOA_X
ClientSampleId :



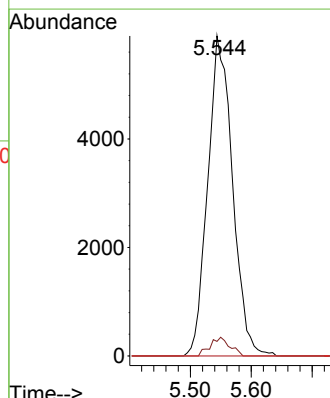
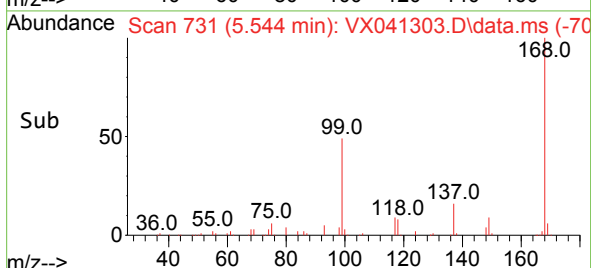
Tgt Ion: 75 Resp: 11367
Ion Ratio Lower Upper
75 100
110 10.2 17.0 50.9#
77 0.0 24.7 37.1#

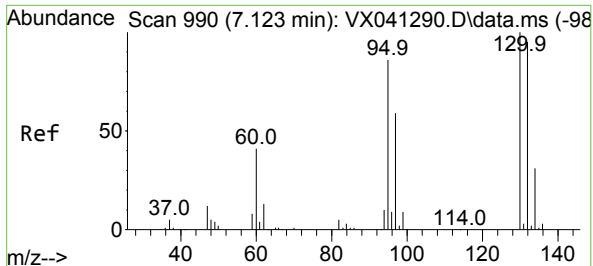


#38
Carbon Tetrachloride
Concen: 6.463 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX041303.D
Acq: 30 Apr 2024 16:40



Tgt Ion: 117 Resp: 16662
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#

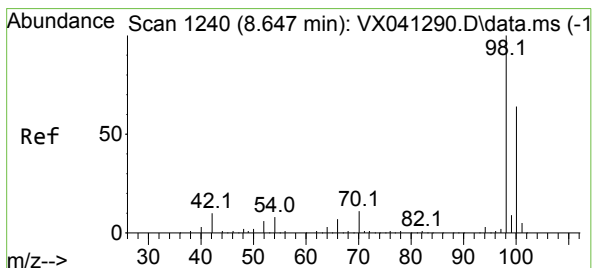
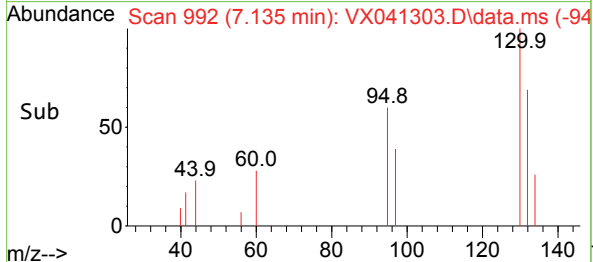
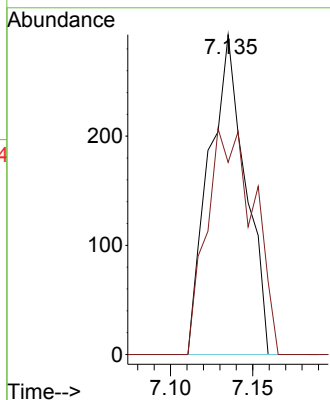
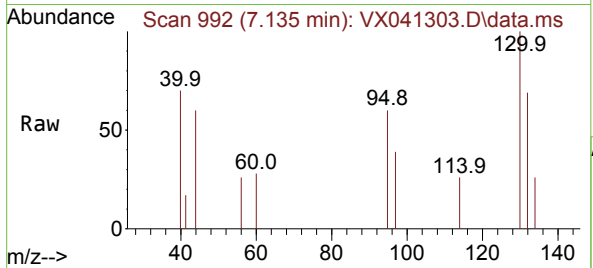




#44
Trichloroethene
Concen: 0.246 ug/l
RT: 7.135 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX041303.D
Acq: 30 Apr 2024 16:40

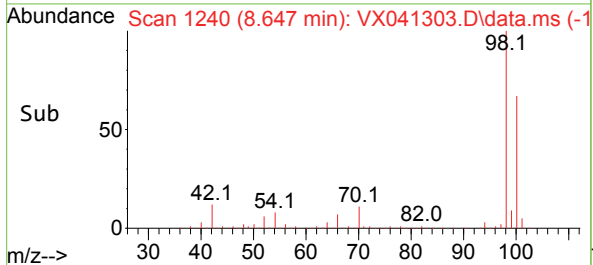
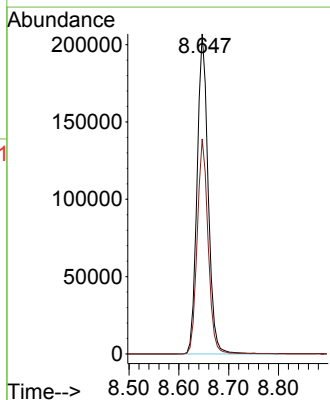
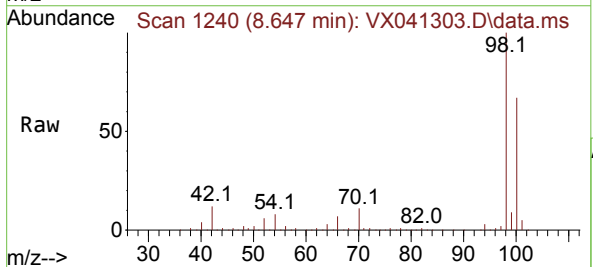
Instrument :
MSVOA_X
ClientSampleId :

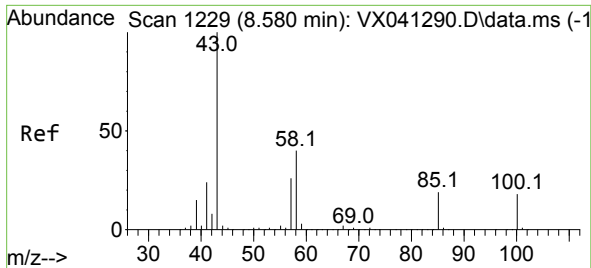
Tgt Ion:130 Resp: 451
Ion Ratio Lower Upper
130 100
95 60.1 0.0 204.4



#50
Toluene-d8
Concen: 53.382 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041303.D
Acq: 30 Apr 2024 16:40

Tgt Ion: 98 Resp: 317998
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7

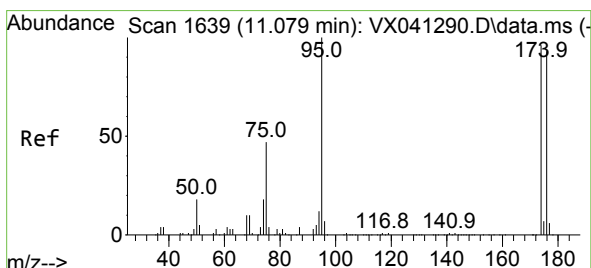
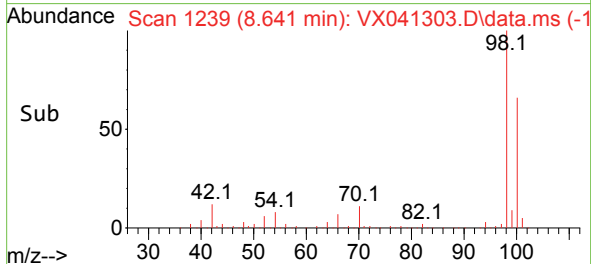
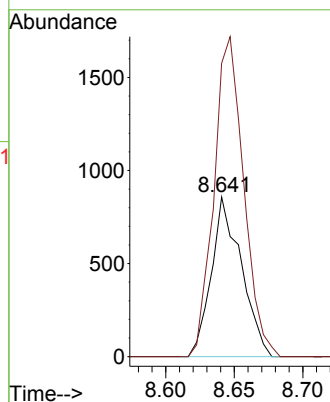
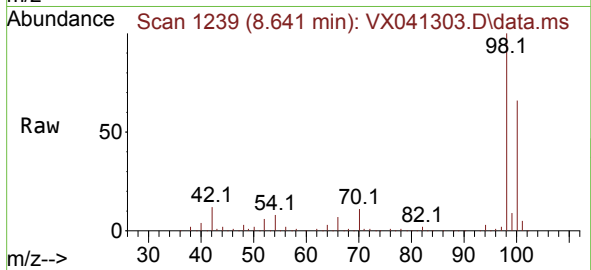




#51
4-Methyl-2-Pentanone
Concen: 0.514 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.061 min
Lab File: VX041303.D
Acq: 30 Apr 2024 16:40

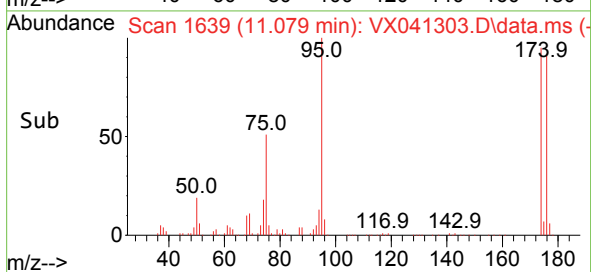
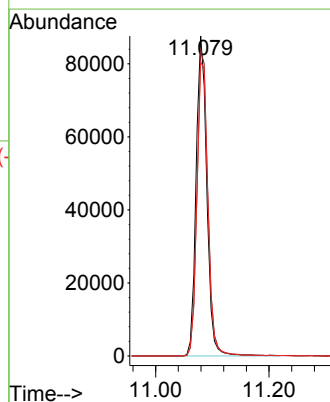
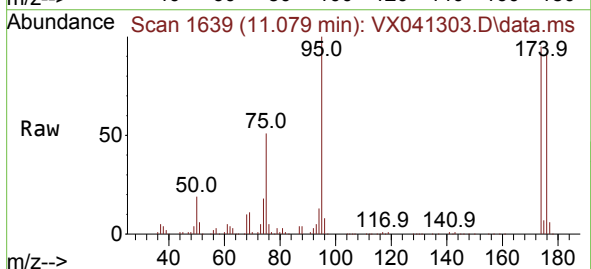
Instrument :
MSVOA_X
ClientSampleId :

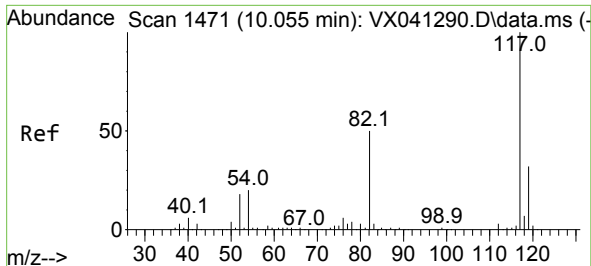
Tgt Ion: 43 Resp: 1301
Ion Ratio Lower Upper
43 100
58 199.3 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 49.761 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041303.D
Acq: 30 Apr 2024 16:40

Tgt Ion: 95 Resp: 114749
Ion Ratio Lower Upper
95 100
174 96.9 0.0 135.6
176 94.6 0.0 131.0

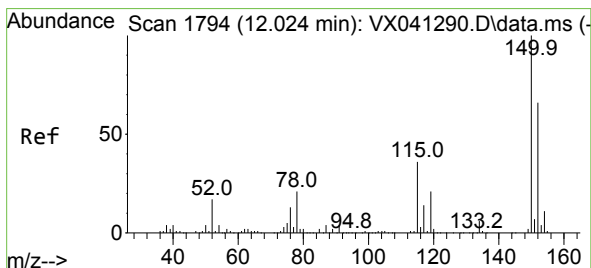
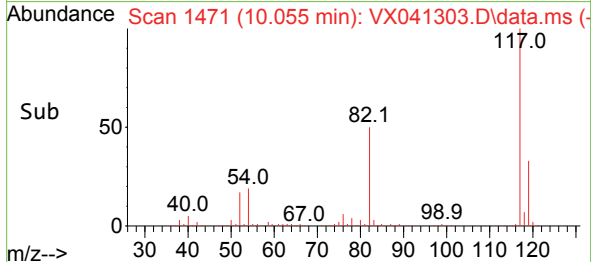
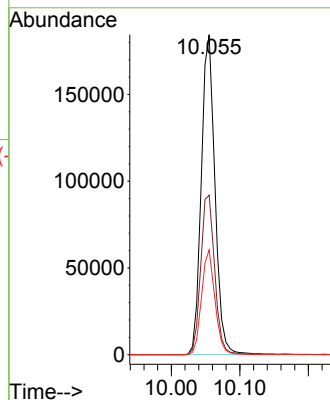
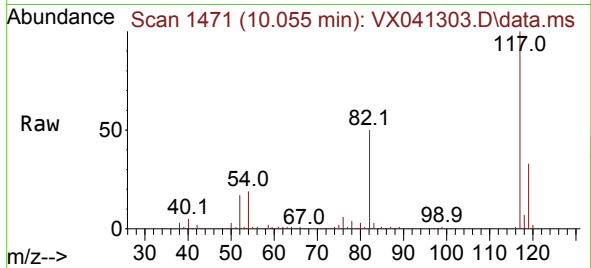




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041303.D
Acq: 30 Apr 2024 16:40

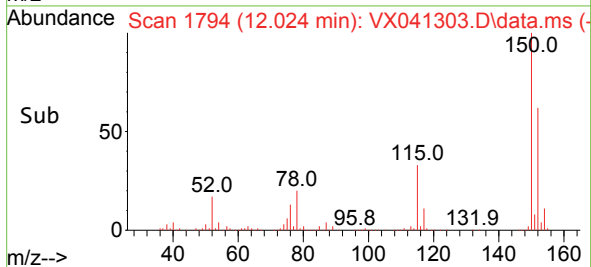
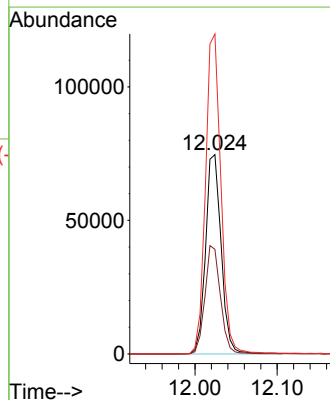
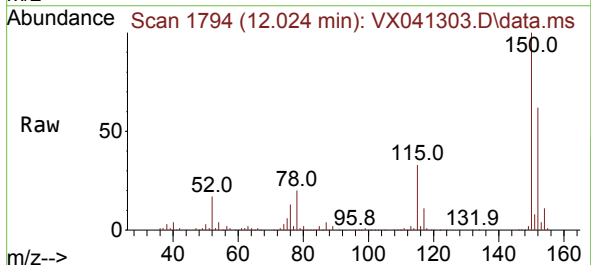
Instrument :
MSVOA_X
ClientSampleId :

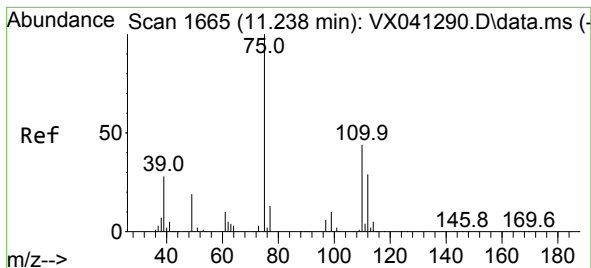
Tgt Ion:117 Resp: 256737
Ion Ratio Lower Upper
117 100
82 49.8 46.2 69.4
119 32.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041303.D
Acq: 30 Apr 2024 16:40

Tgt Ion:152 Resp: 98522
Ion Ratio Lower Upper
152 100
115 54.0 43.3 129.9
150 159.0 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 35.454 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX041303.D

Acq: 30 Apr 2024 16:40

Instrument :

MSVOA_X

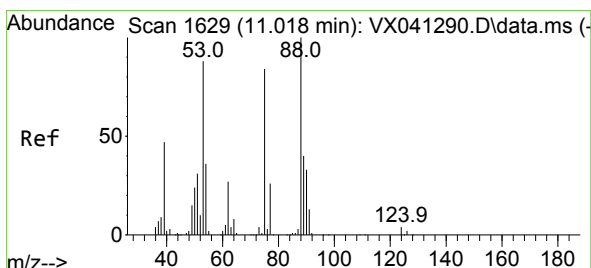
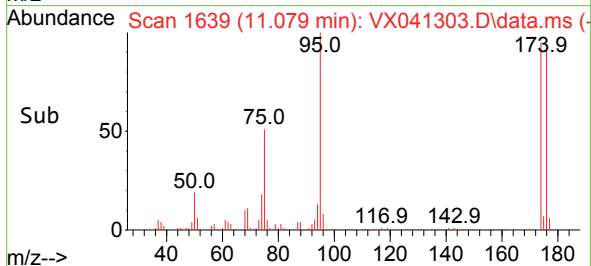
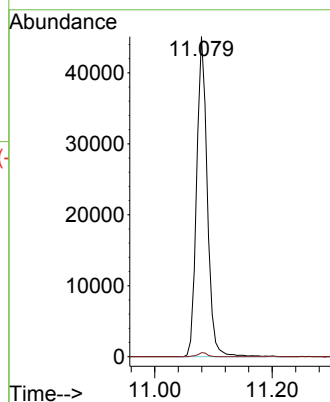
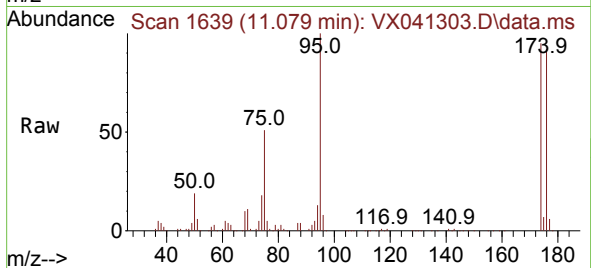
ClientSampleId :

Tgt Ion: 75 Resp: 56925

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 96.573 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041303.D

Acq: 30 Apr 2024 16:40

Tgt Ion: 75 Resp: 56925

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

