

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
 Data File : VX041301.D
 Acq On : 30 Apr 2024 15:54
 Operator : JC/MD
 Sample : P2263-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 01 02:47:14 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)

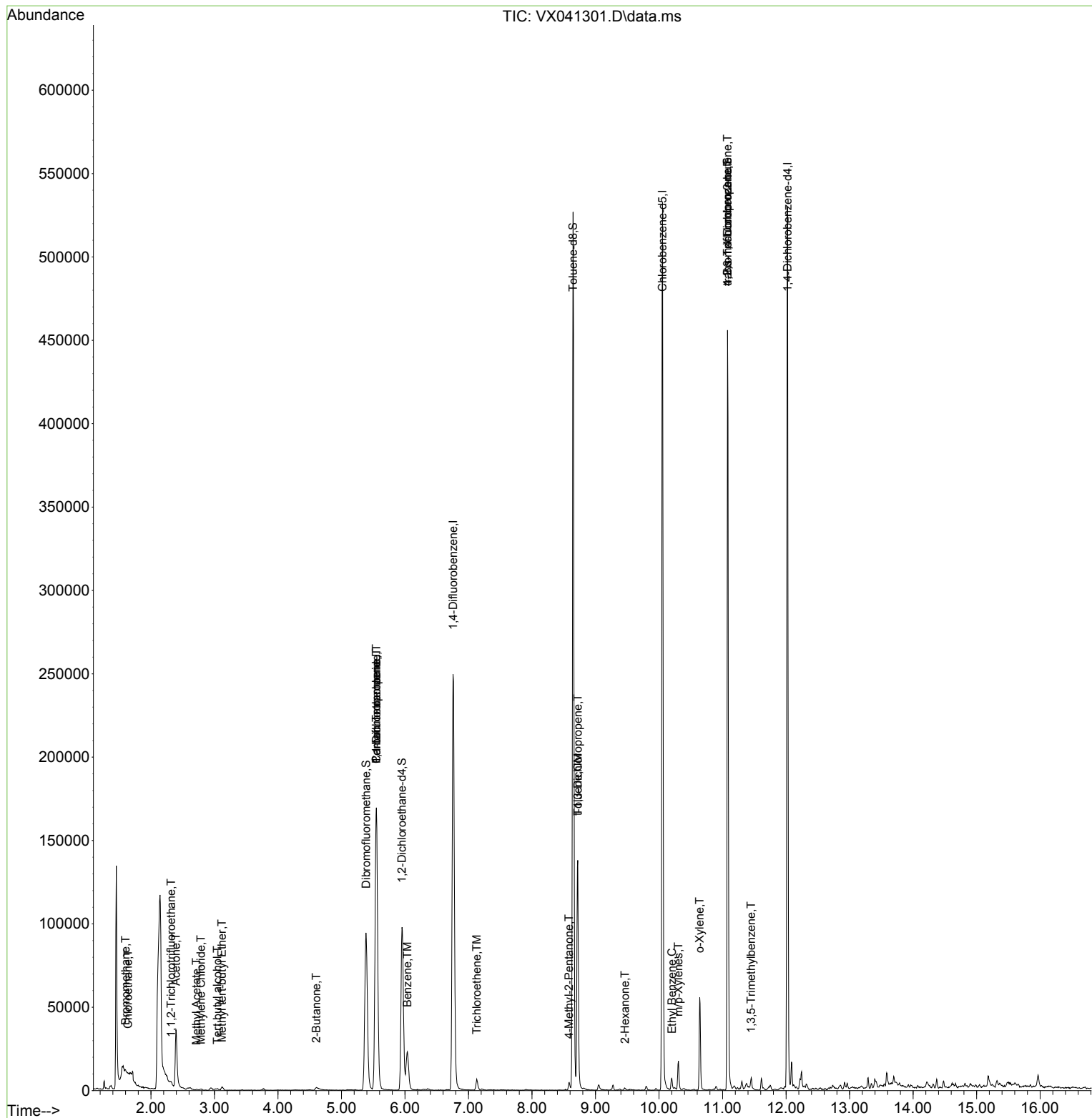
Internal Standards						
1) Pentafluorobenzene	5.550	168	186235	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	273813	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	252333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98886	48.774	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.540%
35) Dibromofluoromethane	5.385	113	81972	44.177	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.360%
50) Toluene-d8	8.647	98	312001	53.125	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.240%
62) 4-Bromofluorobenzene	11.079	95	113782	50.048	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.100%
Target Compounds						
						Qvalue
5) Bromomethane	1.599	94	461	0.487	ug/l	# 76
6) Chloroethane	1.636	64	188	0.268	ug/l	# 43
9) 1,1,2-Trichlorotrifluo...	2.319	101	569	0.389	ug/l	92
11) Tert butyl alcohol	3.044	59	2311	5.695	ug/l	# 84
16) Acetone	2.392	43	45482	47.779	ug/l	98
18) Methyl Acetate	2.715	43	785	0.378	ug/l	# 60
19) Methyl tert-butyl Ether	3.117	73	2198	0.418	ug/l	97
20) Methylene Chloride	2.788	84	391	0.222	ug/l	89
25) 2-Butanone	4.605	43	3483	2.654	ug/l	# 77
36) 1,1-Dichloropropene	5.550	75	11367	5.123	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	15900	6.255	ug/l	# 15
40) Benzene	6.037	78	28448	4.159	ug/l	98
44) Trichloroethene	7.129	130	2885	1.597	ug/l	76
51) 4-Methyl-2-Pentanone	8.580	43	3411	1.366	ug/l	99
52) Toluene	8.720	92	55674	13.306	ug/l	97
53) t-1,3-Dichloropropene	8.720	75	684	0.318	ug/l	# 1
59) 2-Hexanone	9.464	43	796	0.399	ug/l	# 63
67) Ethyl Benzene	10.201	91	4723	0.559	ug/l	98
68) m/p-Xylenes	10.305	106	4607	1.361	ug/l	88
69) o-Xylene	10.640	106	12948	3.996	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	56522	27.720	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.451	105	3256	0.523	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.079	75	56522	75.505	ug/l	# 5

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
Data File : VX041301.D
Acq On : 30 Apr 2024 15:54
Operator : JC/MD
Sample : P2263-02RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

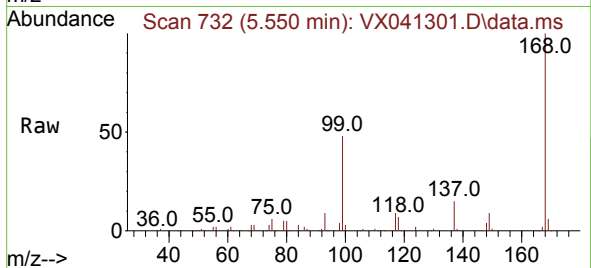
Quant Time: May 01 02:47:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 01 02:38:17 2024
Response via : Initial Calibration



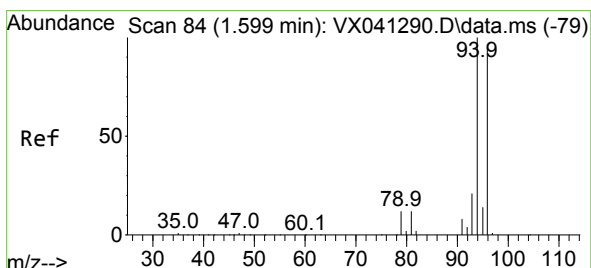
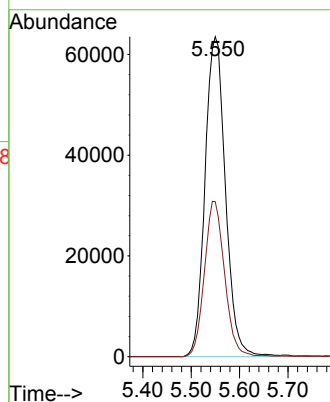
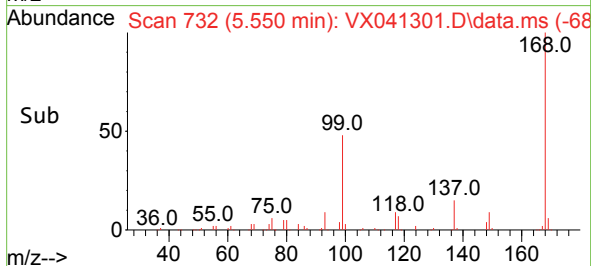


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041301.D
Acq: 30 Apr 2024 15:54

Instrument :
MSVOA_X
ClientSampleId :

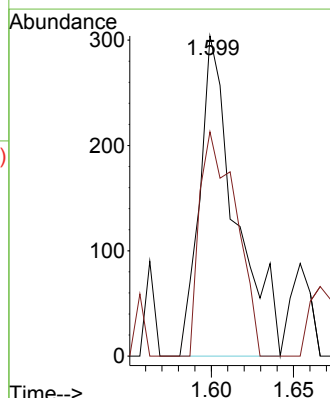
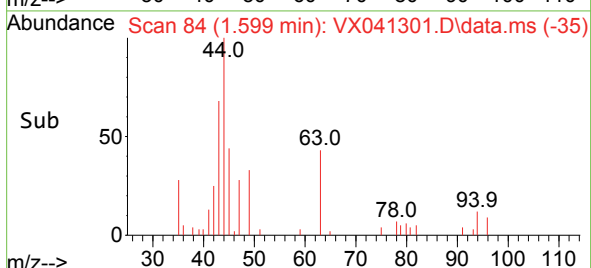
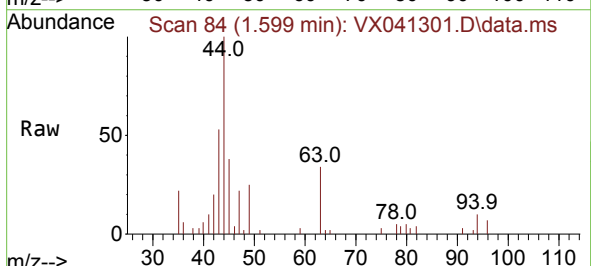


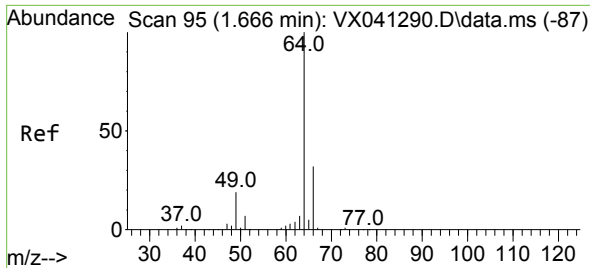
Tgt Ion:168 Resp: 186235
Ion Ratio Lower Upper
168 100
99 48.5 56.6 85.0#



#5
Bromomethane
Concen: 0.487 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041301.D
Acq: 30 Apr 2024 15:54

Tgt Ion: 94 Resp: 461
Ion Ratio Lower Upper
94 100
96 70.1 74.6 111.8#

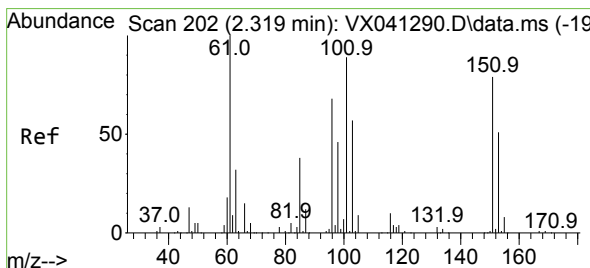
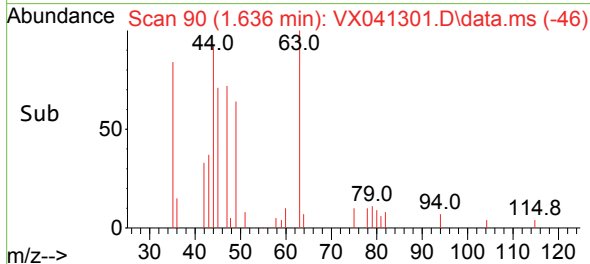
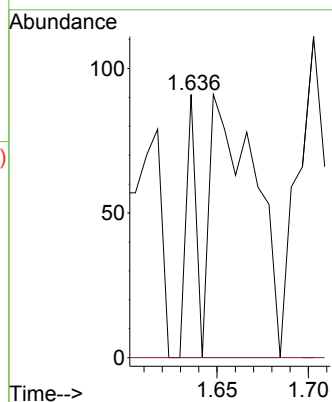
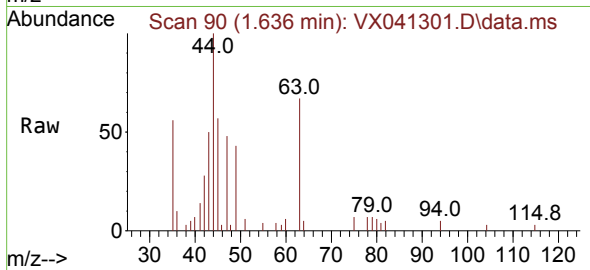




#6
Chloroethane
Concen: 0.268 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.030 min
Lab File: VX041301.D
Acq: 30 Apr 2024 15:54

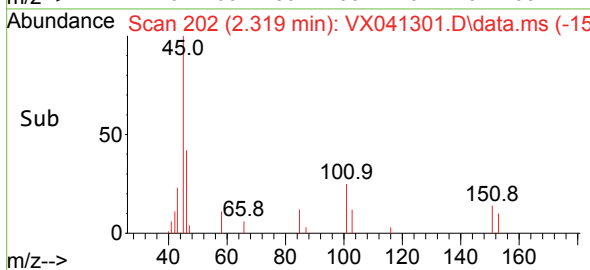
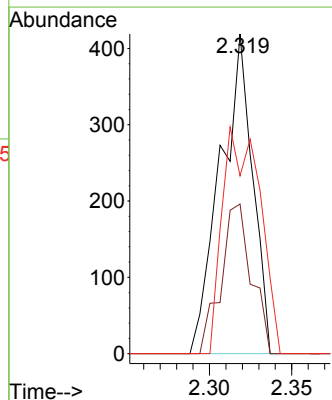
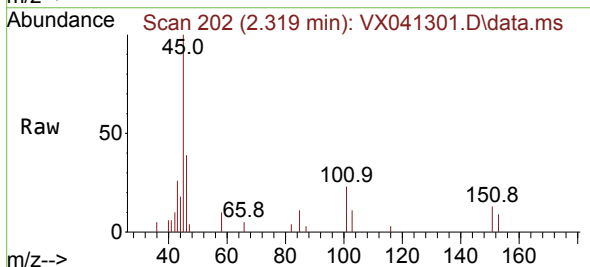
Instrument :
MSVOA_X
ClientSampleId :

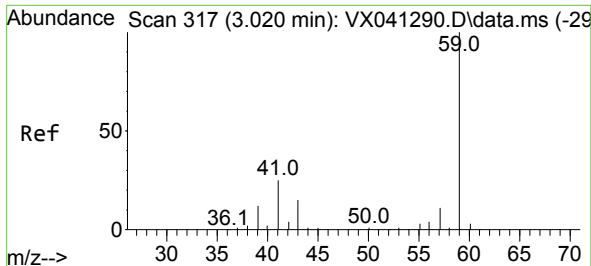
Tgt Ion: 64 Resp: 188
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.389 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX041301.D
Acq: 30 Apr 2024 15:54

Tgt Ion: 101 Resp: 569
Ion Ratio Lower Upper
101 100
85 44.6 37.0 55.6
151 82.8 58.6 87.8





#11

Tert butyl alcohol

Concen: 5.695 ug/l

RT: 3.044 min Scan# 31

Delta R.T. 0.024 min

Lab File: VX041301.D

Acq: 30 Apr 2024 15:54

Instrument :

MSVOA_X

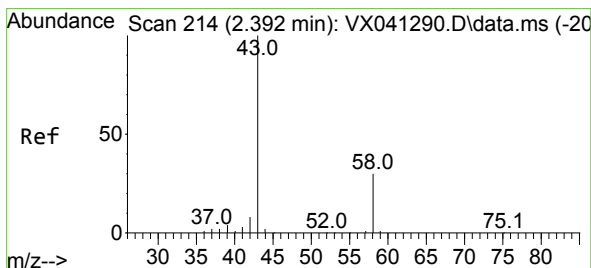
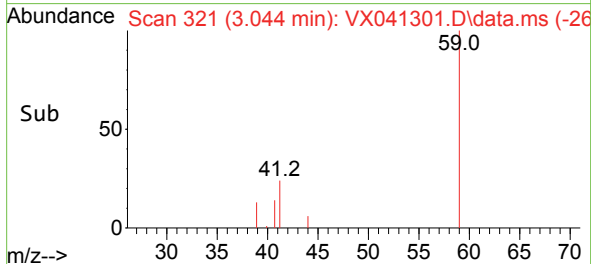
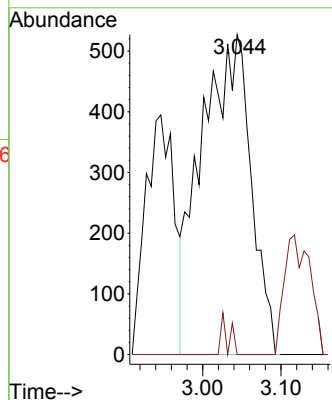
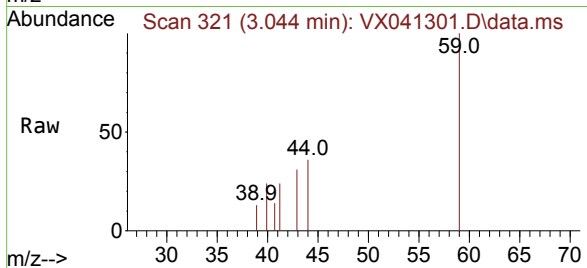
ClientSampleId :

Tgt Ion: 59 Resp: 2311

Ion Ratio Lower Upper

59 100

57 1.9 6.0 9.0#



#16

Acetone

Concen: 47.779 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX041301.D

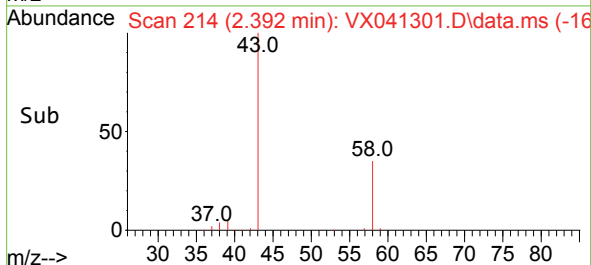
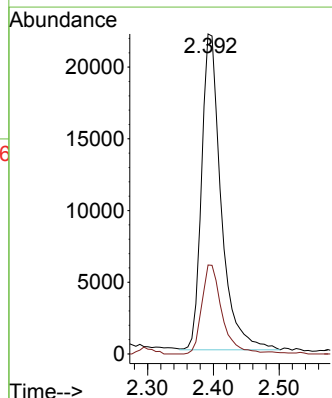
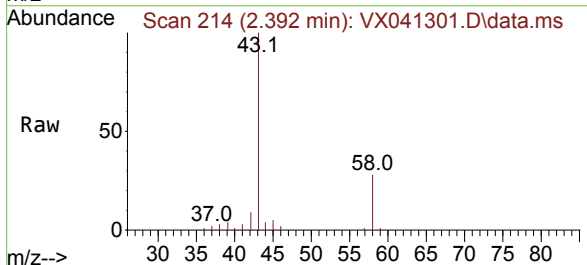
Acq: 30 Apr 2024 15:54

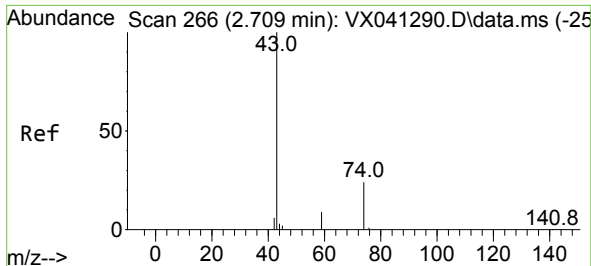
Tgt Ion: 43 Resp: 45482

Ion Ratio Lower Upper

43 100

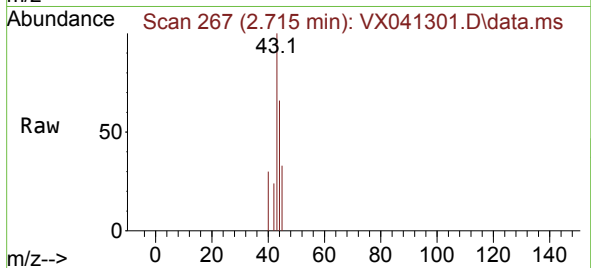
58 28.2 21.9 32.9



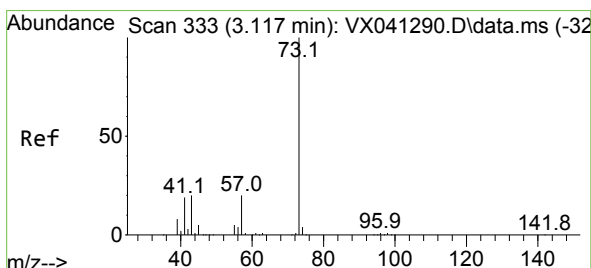
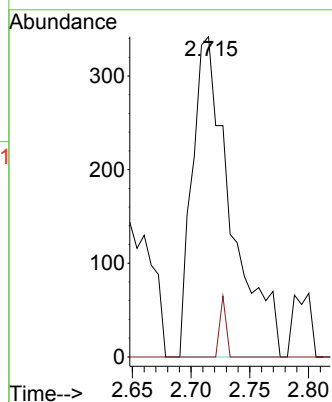
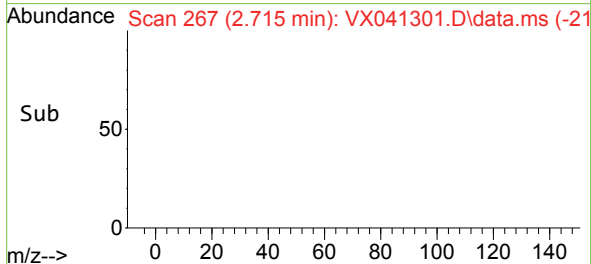


#18
Methyl Acetate
Concen: 0.378 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX041301.D
Acq: 30 Apr 2024 15:54

Instrument :
MSVOA_X
ClientSampleId :

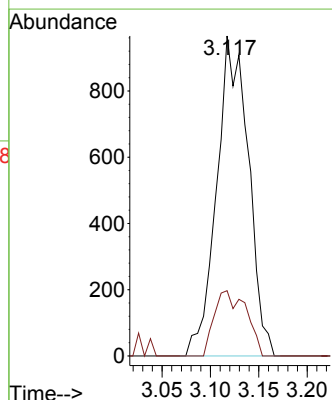
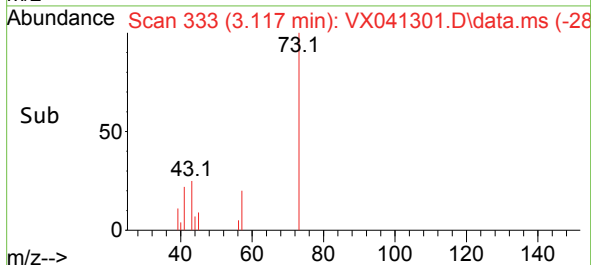
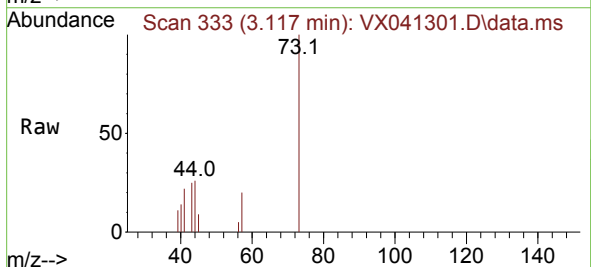


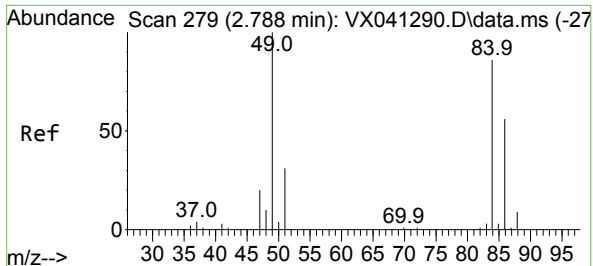
Tgt Ion: 43 Resp: 785
Ion Ratio Lower Upper
43 100
74 3.1 17.8 26.8#



#19
Methyl tert-butyl Ether
Concen: 0.418 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX041301.D
Acq: 30 Apr 2024 15:54

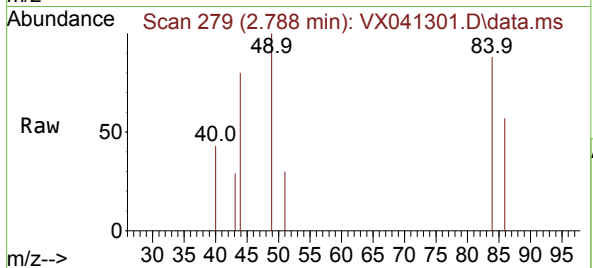
Tgt Ion: 73 Resp: 2198
Ion Ratio Lower Upper
73 100
57 20.4 17.3 25.9



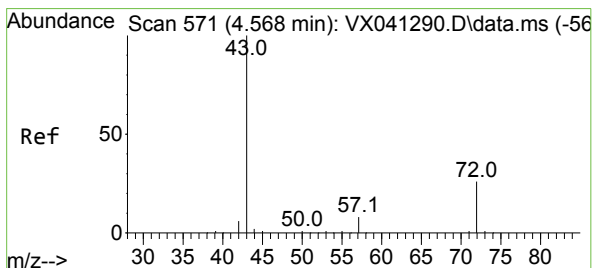
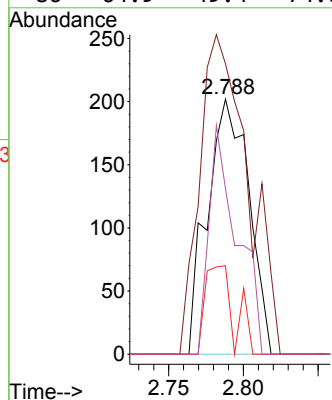


#20
Methylene Chloride
Concen: 0.222 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041301.D
Acq: 30 Apr 2024 15:54

Instrument :
MSVOA_X
ClientSampleId :

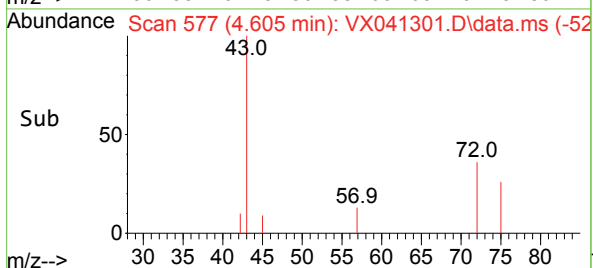
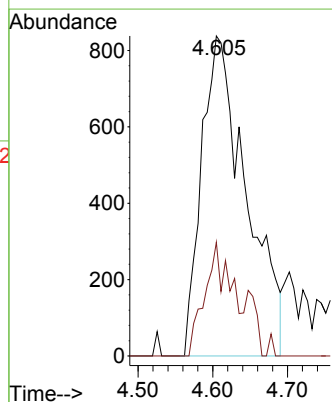
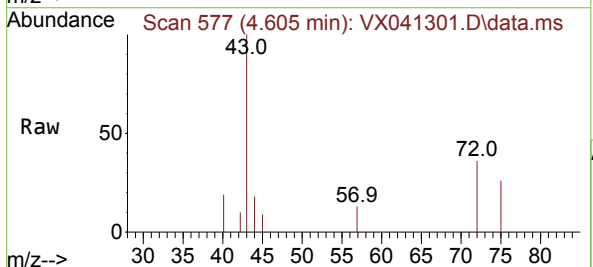


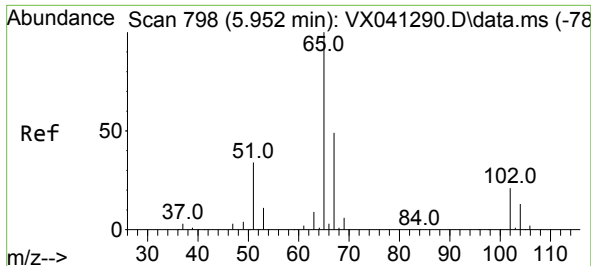
Tgt Ion: 84	Resp: 391
Ion Ratio	Lower Upper
84 100	
49 113.9	103.6 155.4
51 34.7	33.8 50.6
86 64.9	49.4 74.0



#25
2-Butanone
Concen: 2.654 ug/l
RT: 4.605 min Scan# 577
Delta R.T. 0.037 min
Lab File: VX041301.D
Acq: 30 Apr 2024 15:54

Tgt Ion: 43	Resp: 3483		
Ion Ratio	Lower	Upper	
43 100			
72 35.6	19.4	29.2#	

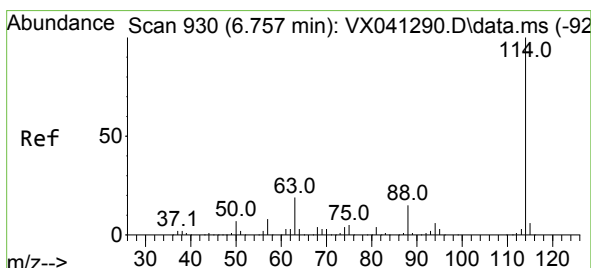
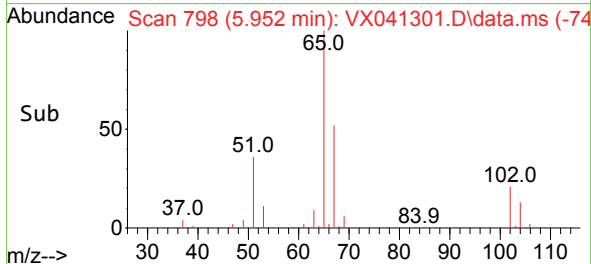
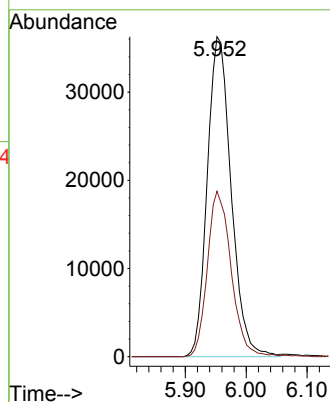
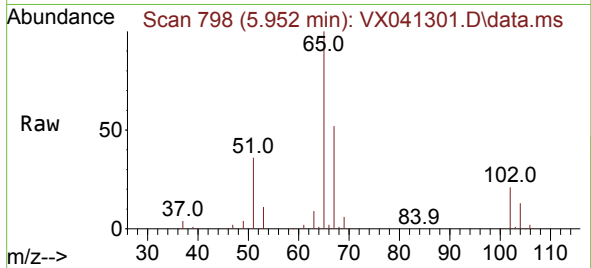




#33
 1,2-Dichloroethane-d4
 Concen: 48.774 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX041301.D
 Acq: 30 Apr 2024 15:54

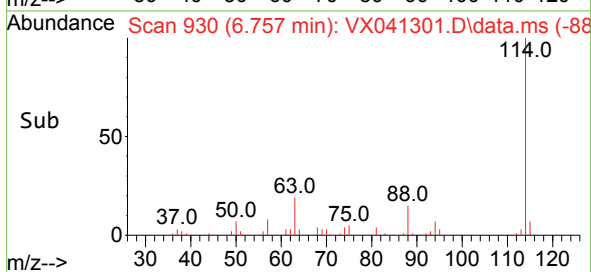
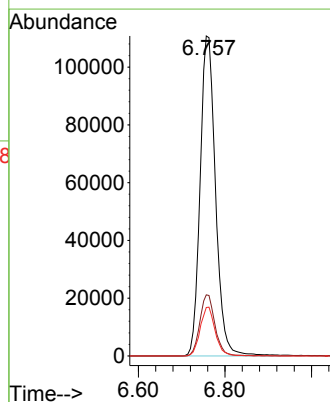
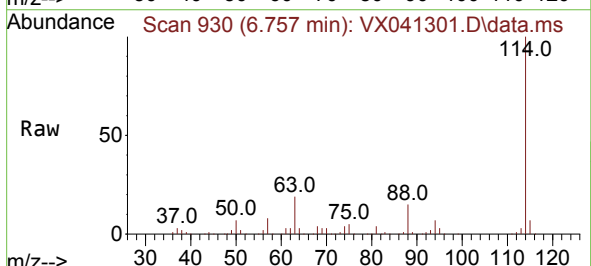
Instrument :
 MSVOA_X
 ClientSampleId :

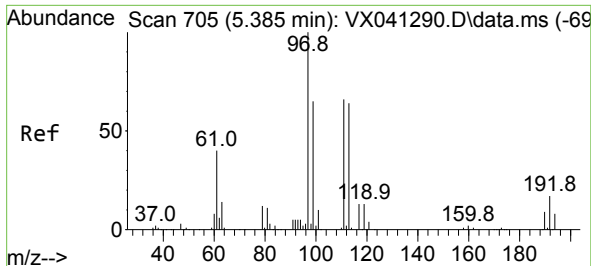
Tgt Ion: 65 Resp: 98886
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX041301.D
 Acq: 30 Apr 2024 15:54

Tgt Ion: 114 Resp: 273813
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 45.0
 88 15.2 0.0 36.6

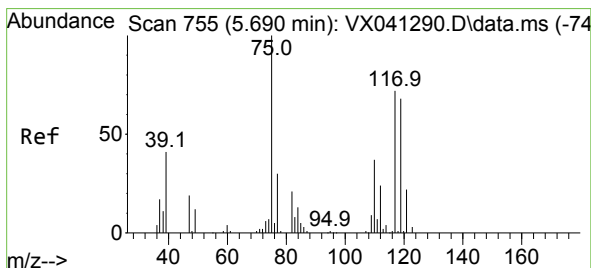
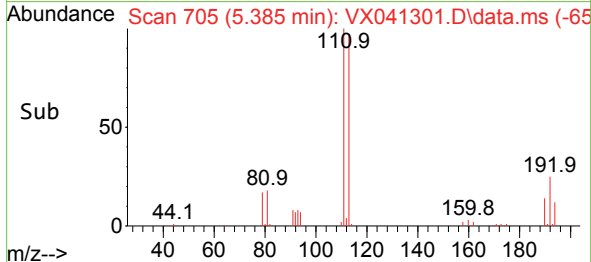
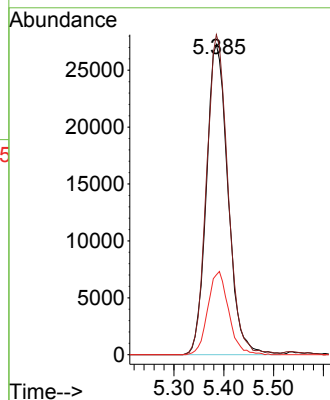
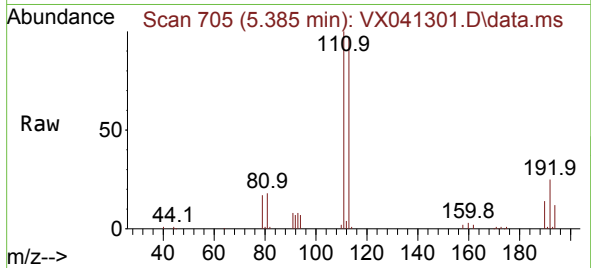




#35
Dibromofluoromethane
Concen: 44.177 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041301.D
Acq: 30 Apr 2024 15:54

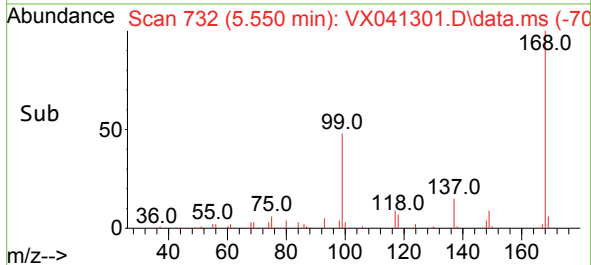
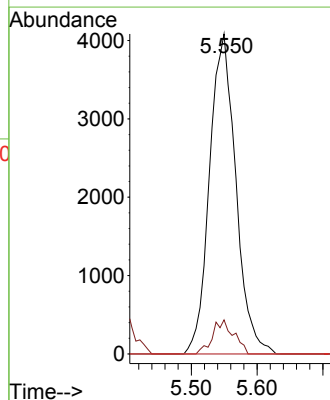
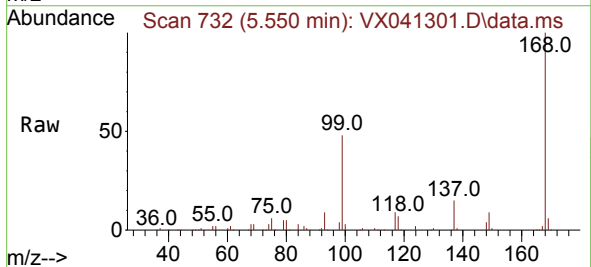
Instrument :
MSVOA_X
ClientSampleId :

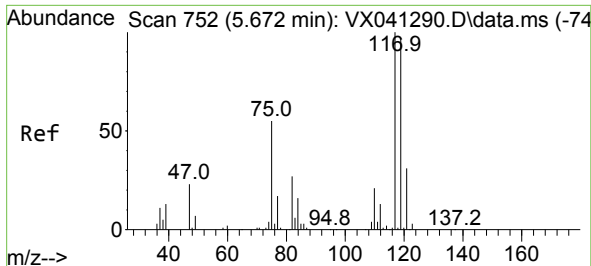
Tgt Ion:113 Resp: 81972
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 25.9 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 5.123 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX041301.D
Acq: 30 Apr 2024 15:54

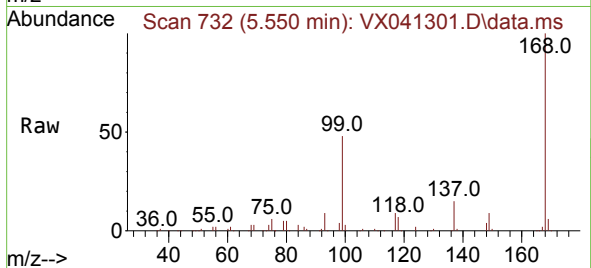
Tgt Ion: 75 Resp: 11367
Ion Ratio Lower Upper
75 100
110 8.6 17.0 50.9#
77 0.0 24.7 37.1#



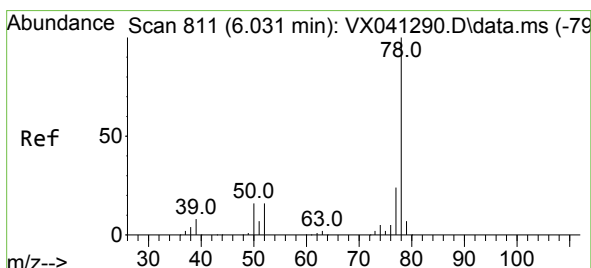
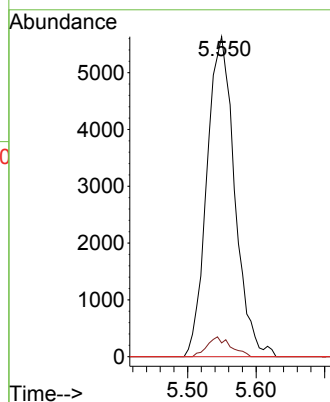
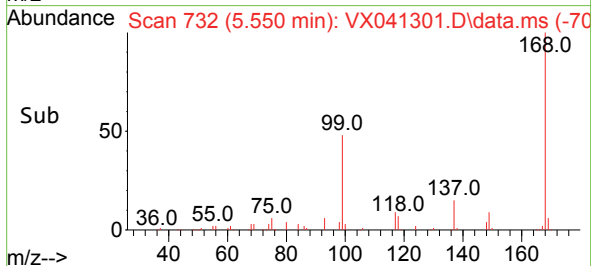


#38
Carbon Tetrachloride
Concen: 6.255 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX041301.D
Acq: 30 Apr 2024 15:54

Instrument :
MSVOA_X
ClientSampleId :

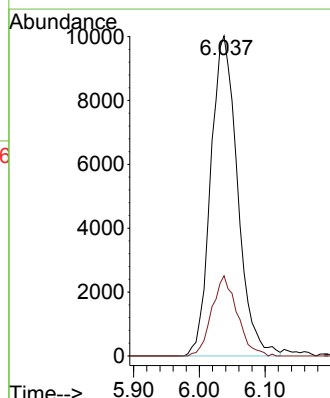
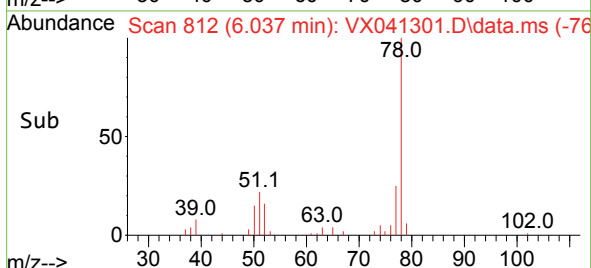
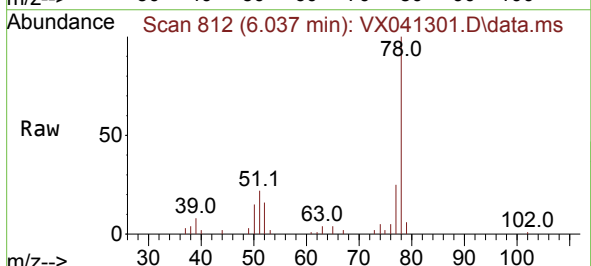


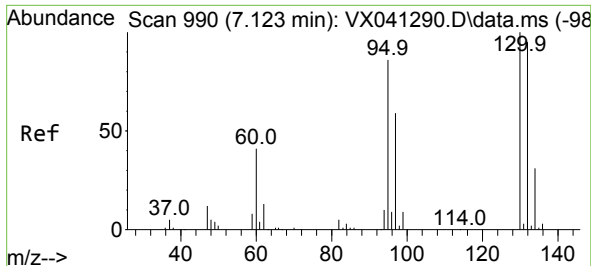
Tgt Ion:117 Resp: 15900
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#



#40
Benzene
Concen: 4.159 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX041301.D
Acq: 30 Apr 2024 15:54

Tgt Ion: 78 Resp: 28448
Ion Ratio Lower Upper
78 100
77 25.1 19.3 28.9

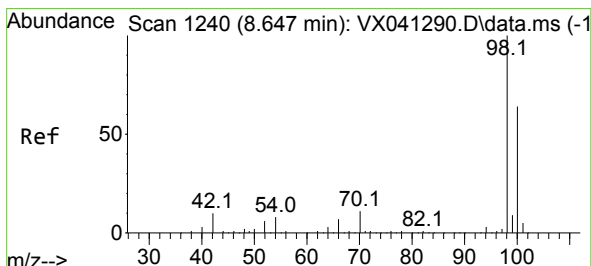
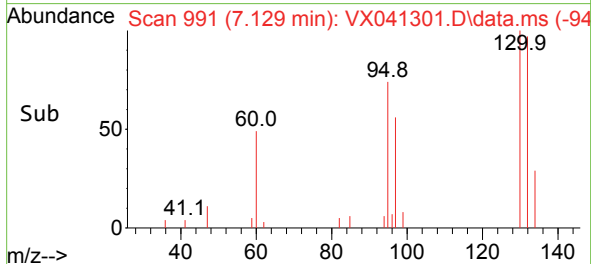
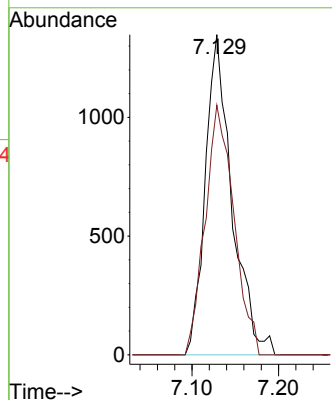
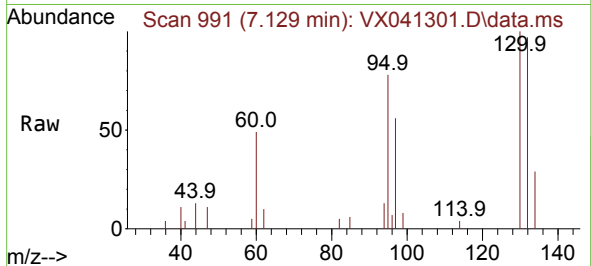




#44
Trichloroethene
Concen: 1.597 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX041301.D
Acq: 30 Apr 2024 15:54

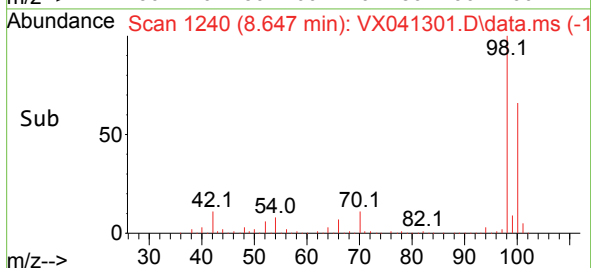
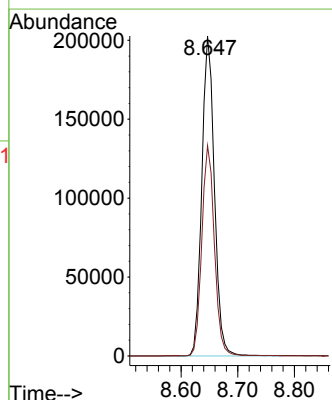
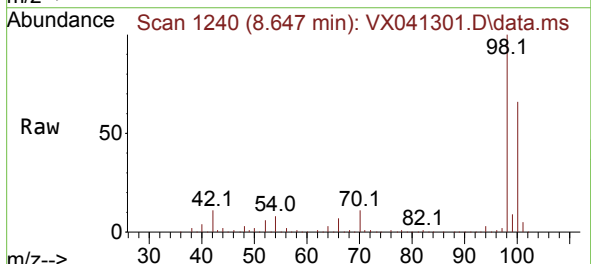
Instrument :
MSVOA_X
ClientSampleId :

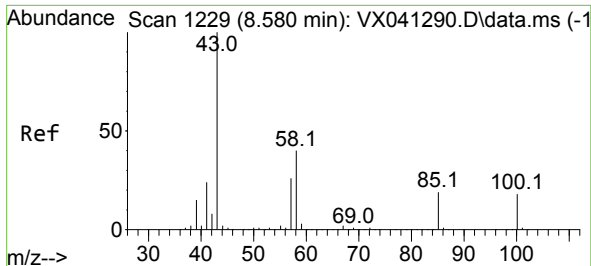
Tgt Ion:130 Resp: 2885
Ion Ratio Lower Upper
130 100
95 78.0 0.0 204.4



#50
Toluene-d8
Concen: 53.125 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041301.D
Acq: 30 Apr 2024 15:54

Tgt Ion: 98 Resp: 312001
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7

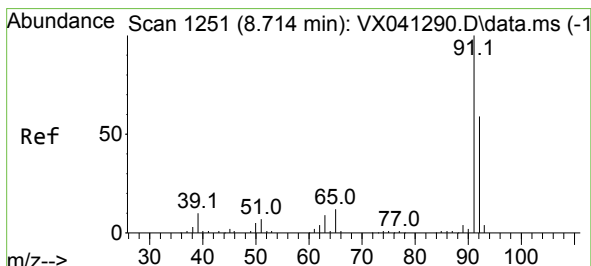
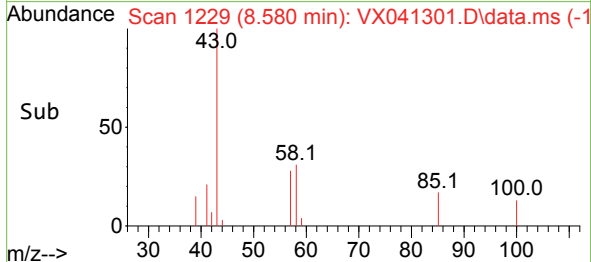
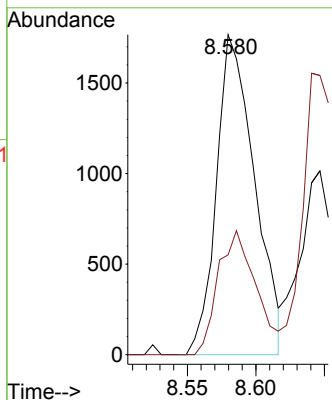
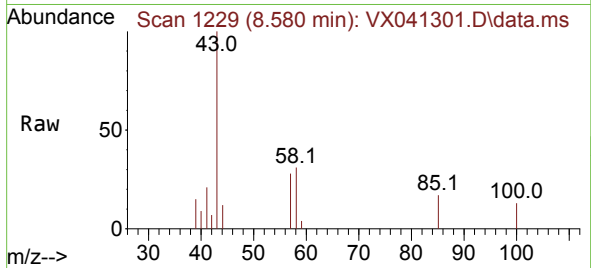




#51
4-Methyl-2-Pentanone
Concen: 1.366 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VX041301.D
Acq: 30 Apr 2024 15:54

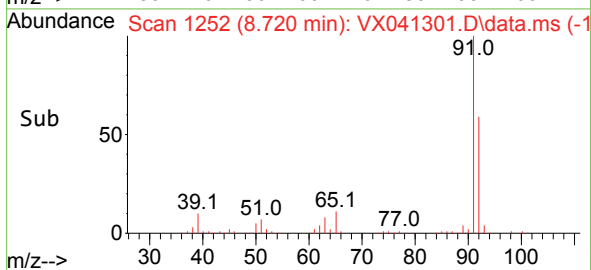
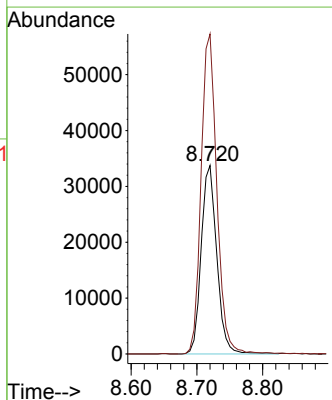
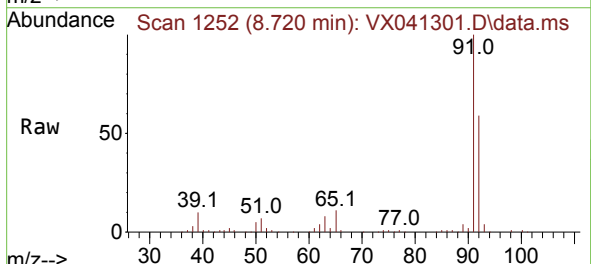
Instrument :
MSVOA_X
ClientSampleId :

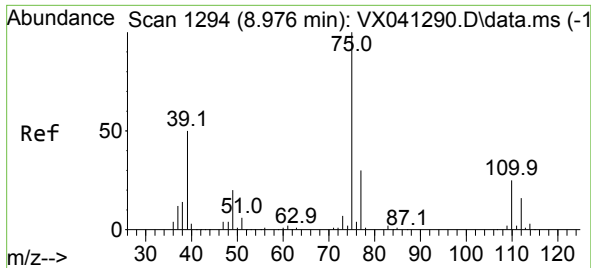
Tgt Ion: 43 Resp: 3411
Ion Ratio Lower Upper
43 100
58 38.6 30.4 45.6



#52
Toluene
Concen: 13.306 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX041301.D
Acq: 30 Apr 2024 15:54

Tgt Ion: 92 Resp: 55674
Ion Ratio Lower Upper
92 100
91 171.6 134.2 201.2

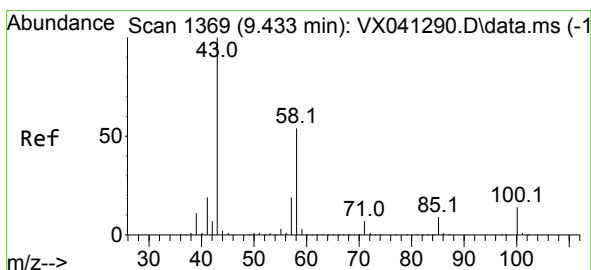
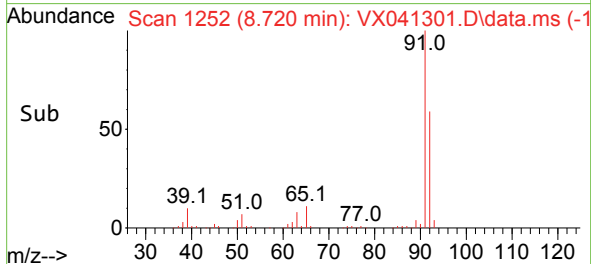
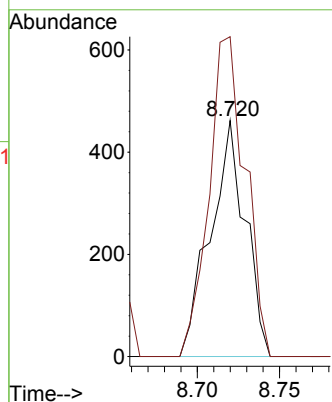
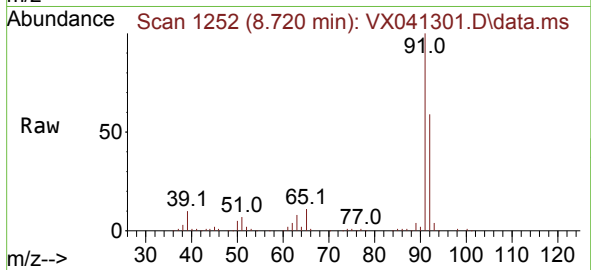




#53
 t-1,3-Dichloropropene
 Concen: 0.318 ug/l
 RT: 8.720 min Scan# 11
 Delta R.T. -0.256 min
 Lab File: VX041301.D
 Acq: 30 Apr 2024 15:54

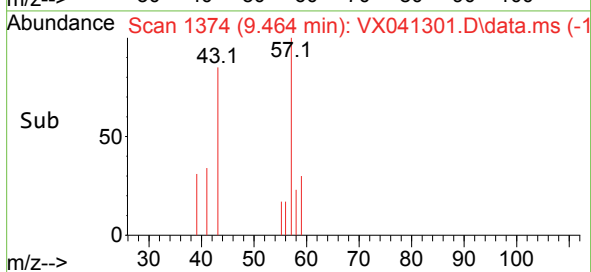
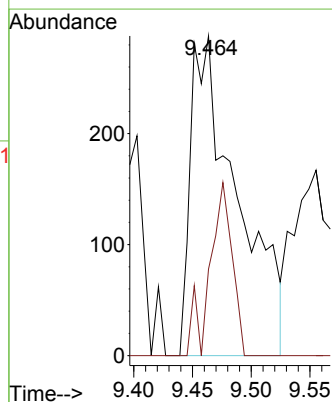
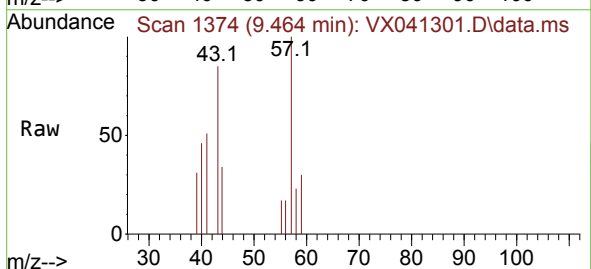
Instrument :
 MSVOA_X
 ClientSampleId :

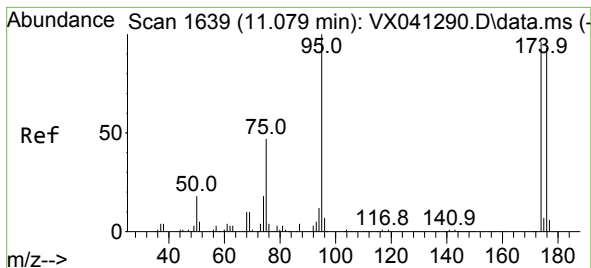
Tgt Ion: 75 Resp: 684
 Ion Ratio Lower Upper
 75 100
 77 135.5 25.7 38.5#



#59
 2-Hexanone
 Concen: 0.399 ug/l
 RT: 9.464 min Scan# 1374
 Delta R.T. 0.030 min
 Lab File: VX041301.D
 Acq: 30 Apr 2024 15:54

Tgt Ion: 43 Resp: 796
 Ion Ratio Lower Upper
 43 100
 58 26.0 26.2 78.5#

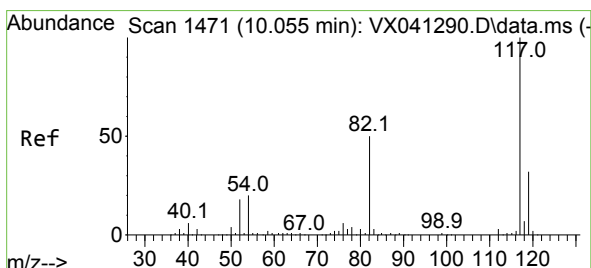
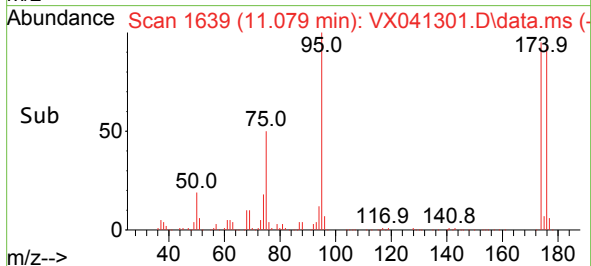
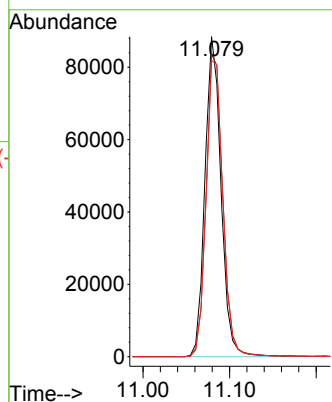
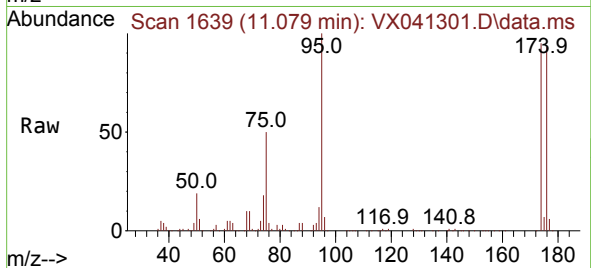




#62
4-Bromofluorobenzene
Concen: 50.048 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041301.D
Acq: 30 Apr 2024 15:54

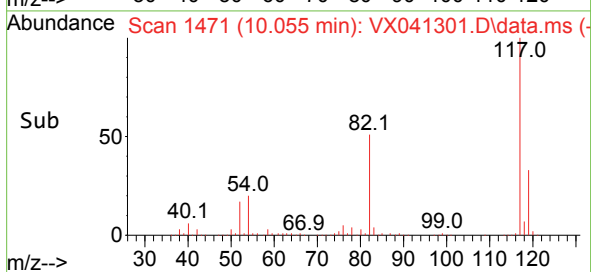
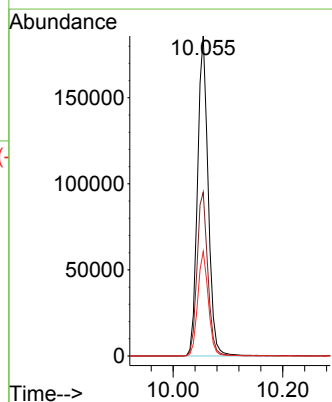
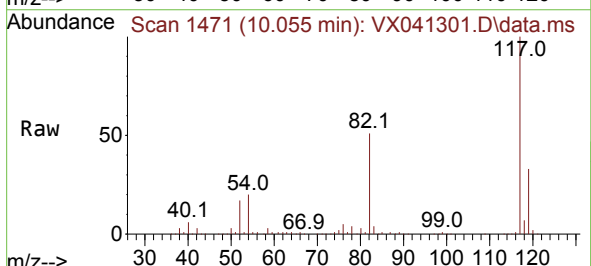
Instrument :
MSVOA_X
ClientSampleId :

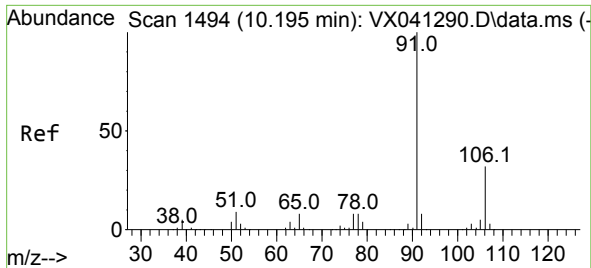
Tgt Ion: 95 Resp: 113782
Ion Ratio Lower Upper
95 100
174 98.5 0.0 135.6
176 96.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041301.D
Acq: 30 Apr 2024 15:54

Tgt Ion: 117 Resp: 252333
Ion Ratio Lower Upper
117 100
82 51.2 46.2 69.4
119 32.7 25.5 38.3

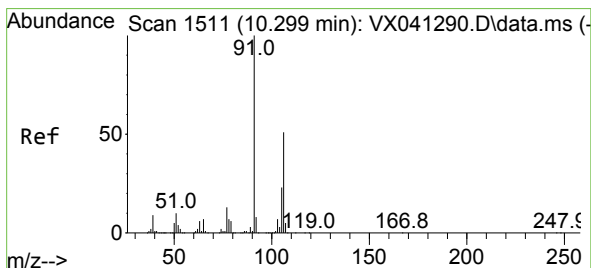
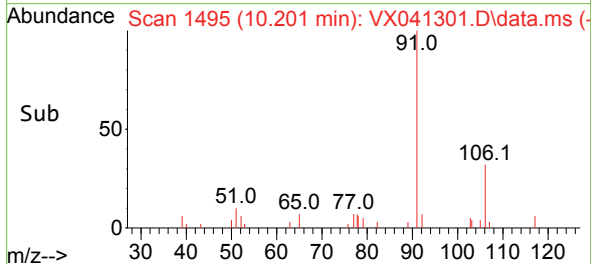
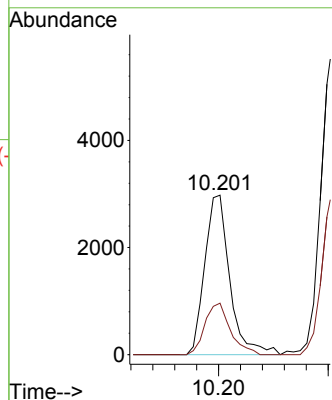
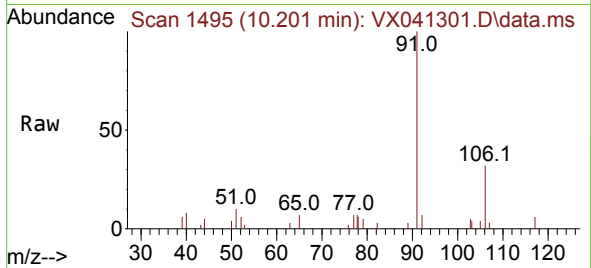




#67
Ethyl Benzene
Concen: 0.559 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX041301.D
Acq: 30 Apr 2024 15:54

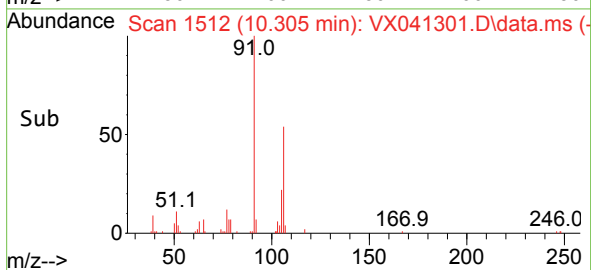
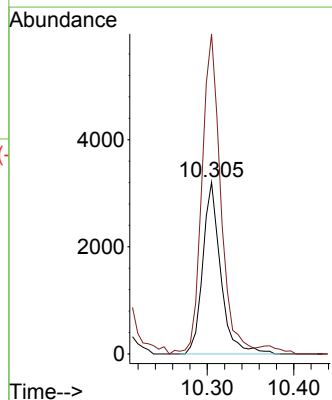
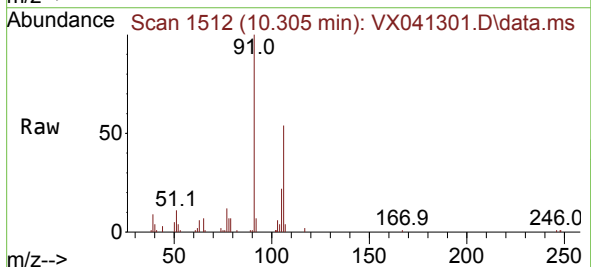
Instrument :
MSVOA_X
ClientSampleId :

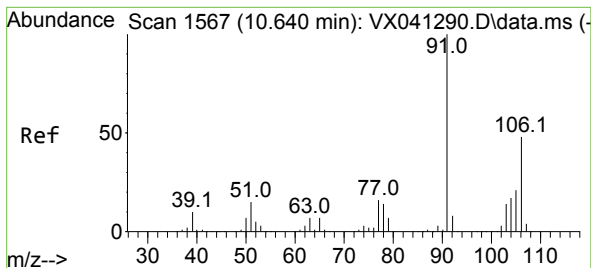
Tgt Ion: 91 Resp: 4723
Ion Ratio Lower Upper
91 100
106 32.3 24.9 37.3



#68
m/p-Xylenes
Concen: 1.361 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX041301.D
Acq: 30 Apr 2024 15:54

Tgt Ion: 106 Resp: 4607
Ion Ratio Lower Upper
106 100
91 188.5 165.5 248.3





#69

o-Xylene

Concen: 3.996 ug/l

RT: 10.640 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041301.D

Acq: 30 Apr 2024 15:54

Instrument :

MSVOA_X

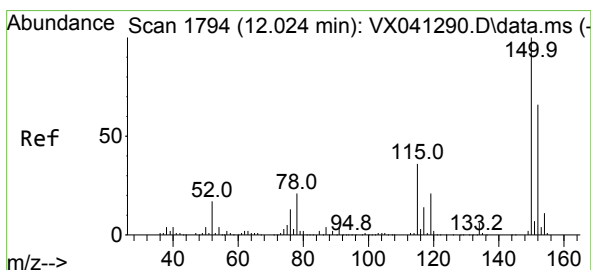
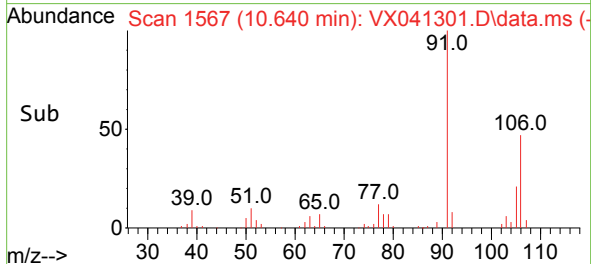
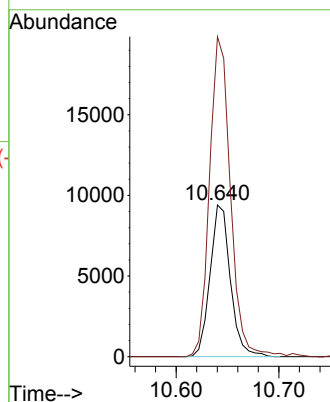
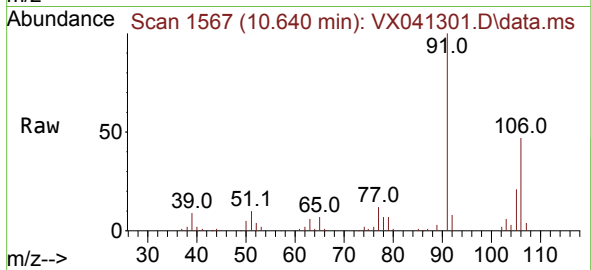
ClientSampleId :

Tgt Ion:106 Resp: 12948

Ion Ratio Lower Upper

106 100

91 216.2 108.9 326.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX041301.D

Acq: 30 Apr 2024 15:54

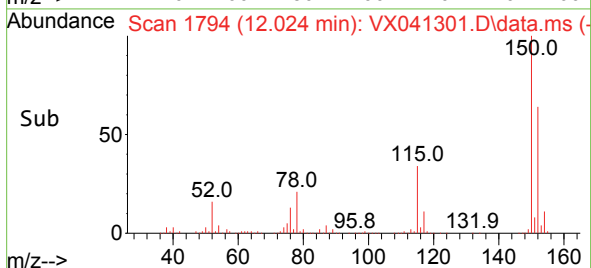
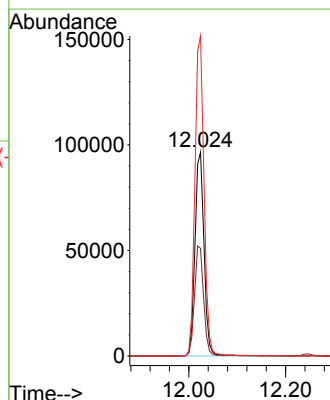
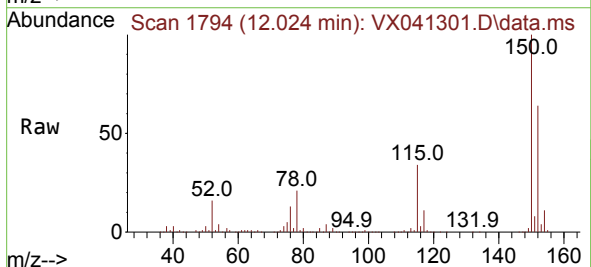
Tgt Ion:152 Resp: 125120

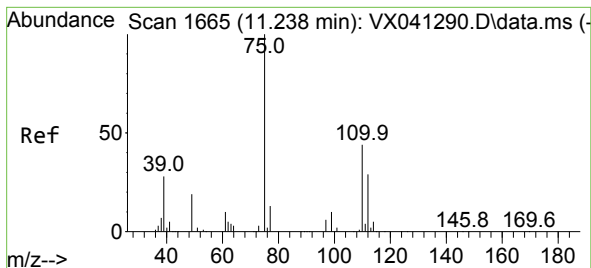
Ion Ratio Lower Upper

152 100

115 54.1 43.3 129.9

150 157.3 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 27.720 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX041301.D

Acq: 30 Apr 2024 15:54

Instrument :

MSVOA_X

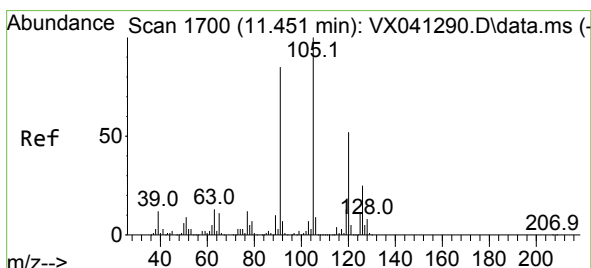
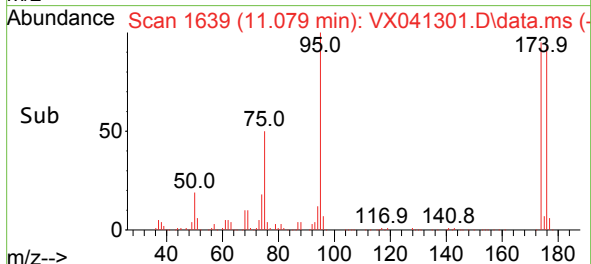
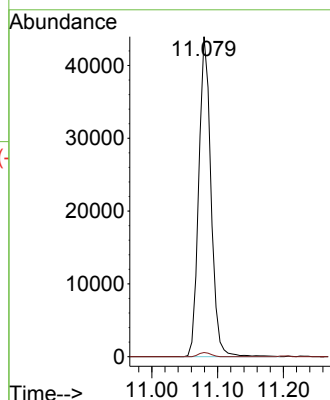
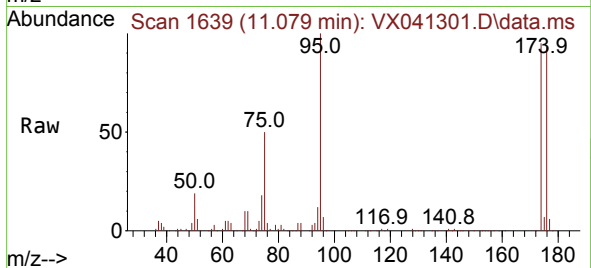
ClientSampleId :

Tgt Ion: 75 Resp: 56522

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#80

1,3,5-Trimethylbenzene

Concen: 0.523 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041301.D

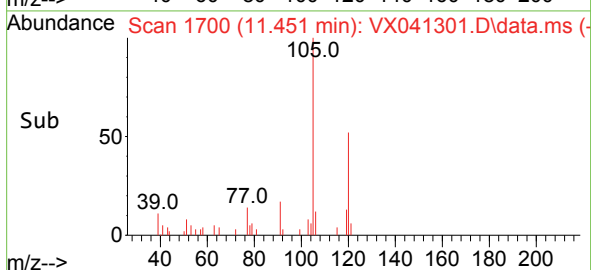
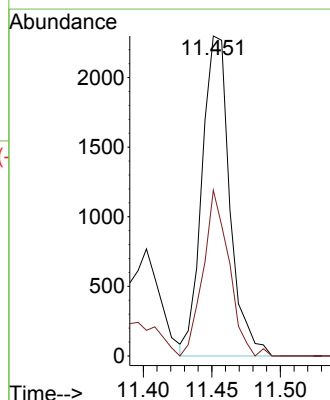
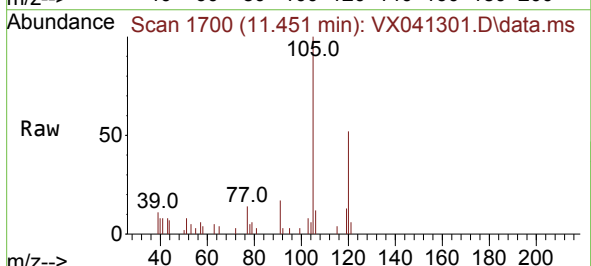
Acq: 30 Apr 2024 15:54

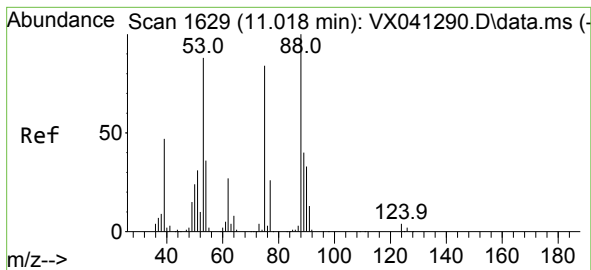
Tgt Ion:105 Resp: 3256

Ion Ratio Lower Upper

105 100

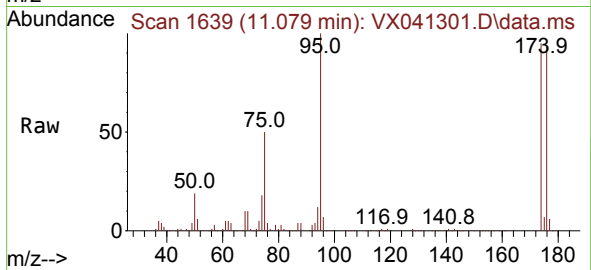
120 47.9 24.1 72.3





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.505 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041301.D
 Acq: 30 Apr 2024 15:54

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 56522
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

