

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
 Data File : VX042923.D
 Acq On : 07 Aug 2024 18:08
 Operator : JC/MD
 Sample : P3374-14
 Misc : 6.68g/10.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 08 02:05:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

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

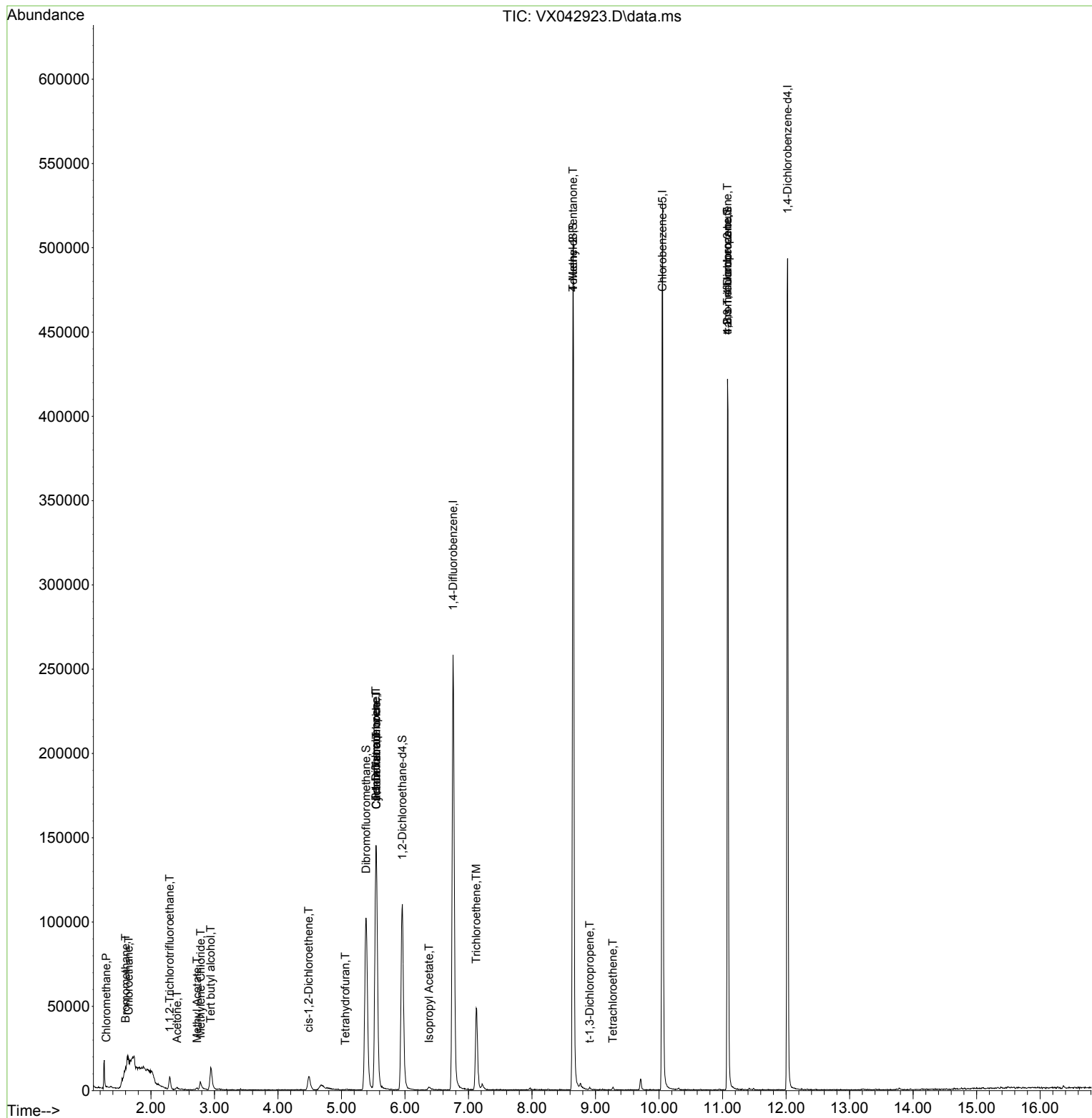
Internal Standards						
1) Pentafluorobenzene	5.544	168	140091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	272664	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	252949	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	114523	59.549	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 119.100%#	
35) Dibromofluoromethane	5.385	113	93722	52.570	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.140%	
50) Toluene-d8	8.647	98	316784	50.052	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.100%	
62) 4-Bromofluorobenzene	11.079	95	117371	51.607	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.220%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	370	0.225	ug/l #	79
5) Bromomethane	1.599	94	535	0.566	ug/l #	64
6) Chloroethane	1.648	64	388	0.436	ug/l #	56
9) 1,1,2-Trichlorotrifluo...	2.294	101	3019	1.978	ug/l	98
11) Tert butyl alcohol	2.940	59	8958	23.418	ug/l #	78
16) Acetone	2.410	43	1329	1.593	ug/l #	79
18) Methyl Acetate	2.727	43	1654	0.625	ug/l	93
20) Methylene Chloride	2.782	84	2548	0.566	ug/l #	83
27) cis-1,2-Dichloroethene	4.483	96	5730	3.110	ug/l	85
29) Tetrahydrofuran	5.062	42	191	0.216	ug/l #	43
31) Cyclohexane	5.550	56	2598	1.080	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11131	4.605	ug/l #	50
38) Carbon Tetrachloride	5.550	117	15407	5.647	ug/l #	14
43) Isopropyl Acetate	6.379	43	956	0.214	ug/l #	62
44) Trichloroethene	7.123	130	20698	10.981	ug/l	97
51) 4-Methyl-2-Pentanone	8.647	43	1172	0.391	ug/l #	1
53) t-1,3-Dichloropropene	8.909	75	530	0.221	ug/l #	43
64) Tetrachloroethene	9.275	164	364	0.207	ug/l #	76
76) 1,2,3-Trichloropropane	11.079	75	60902	24.544	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	60902	79.805	ug/l #	5

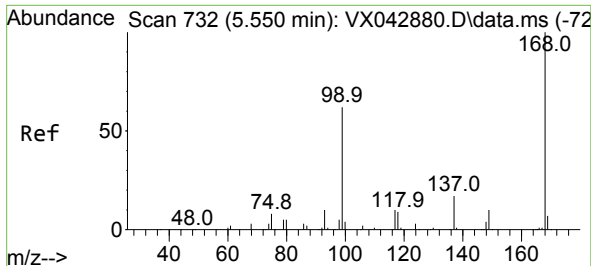
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 07 02:55:22 2024
Response via : Initial Calibration

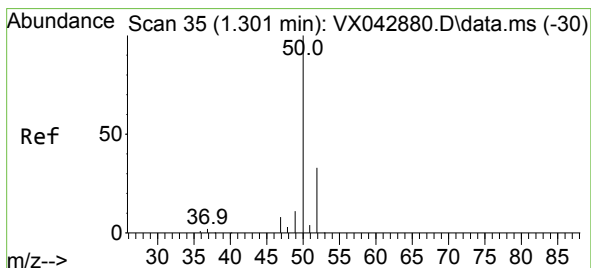
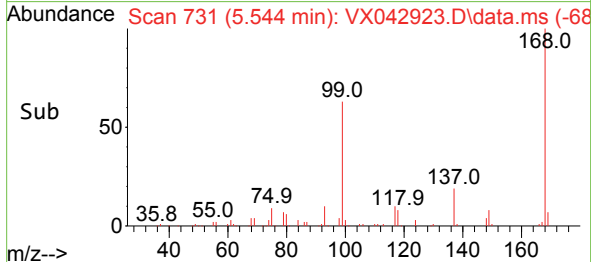
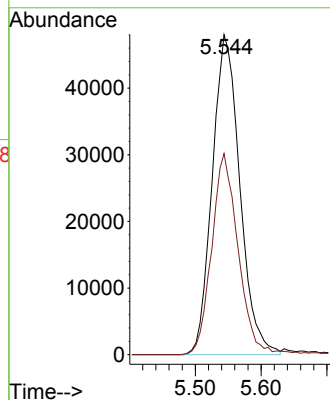
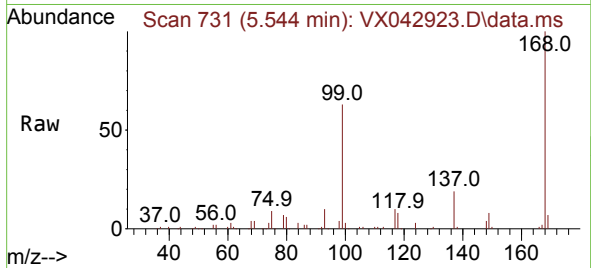




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX042923.D
Acq: 07 Aug 2024 18:08

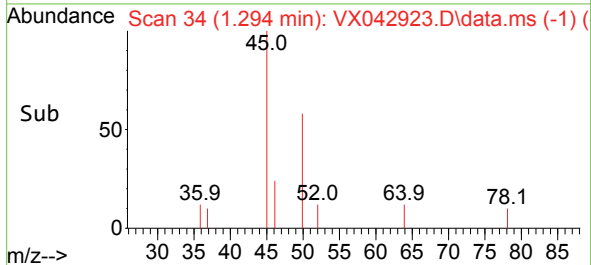
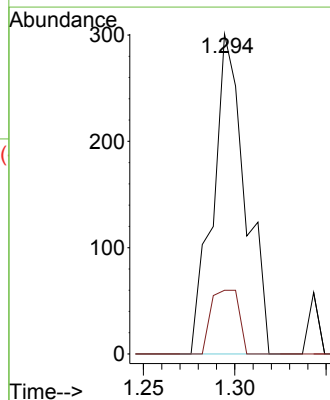
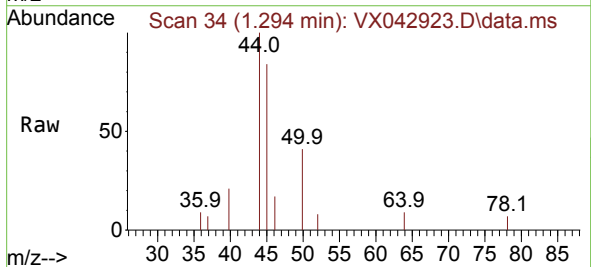
Instrument :
MSVOA_X
ClientSampleId :

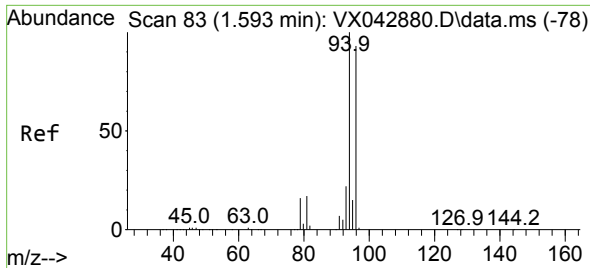
Tgt Ion:168 Resp: 140091
Ion Ratio Lower Upper
168 100
99 62.8 56.6 85.0



#3
Chloromethane
Concen: 0.225 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX042923.D
Acq: 07 Aug 2024 18:08

Tgt Ion: 50 Resp: 370
Ion Ratio Lower Upper
50 100
52 19.9 25.5 38.3#

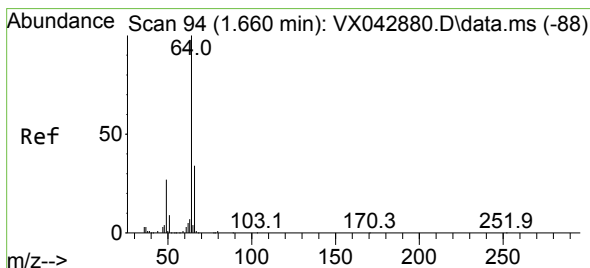
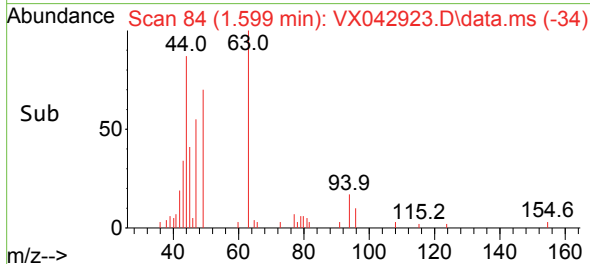
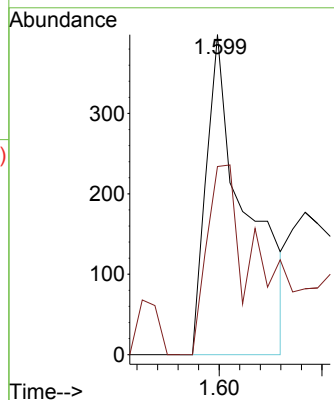
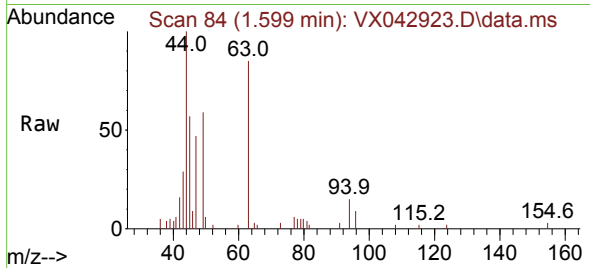




#5
Bromomethane
Concen: 0.566 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX042923.D
Acq: 07 Aug 2024 18:08

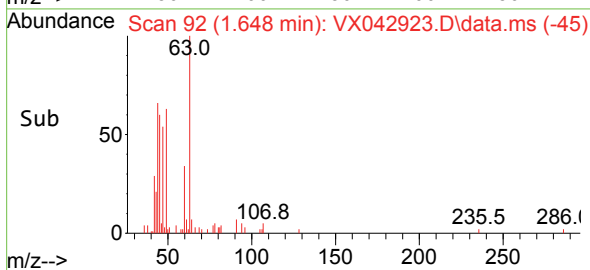
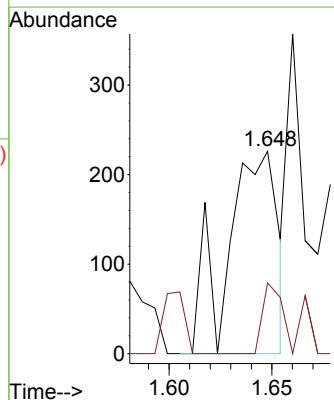
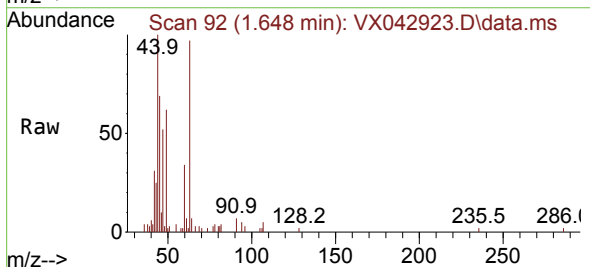
Instrument :
MSVOA_X
ClientSampleId :

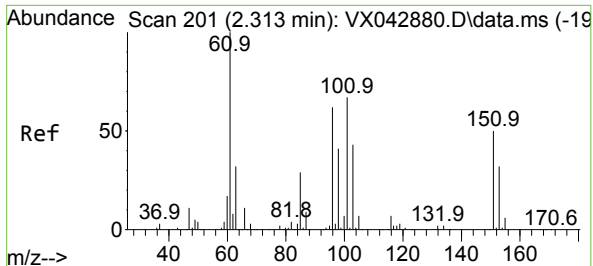
Tgt Ion: 94 Resp: 535
Ion Ratio Lower Upper
94 100
96 58.8 74.6 111.8#



#6
Chloroethane
Concen: 0.436 ug/l
RT: 1.648 min Scan# 92
Delta R.T. -0.012 min
Lab File: VX042923.D
Acq: 07 Aug 2024 18:08

Tgt Ion: 64 Resp: 388
Ion Ratio Lower Upper
64 100
66 7.1 25.1 37.7#

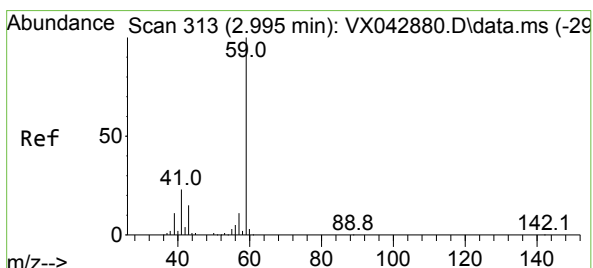
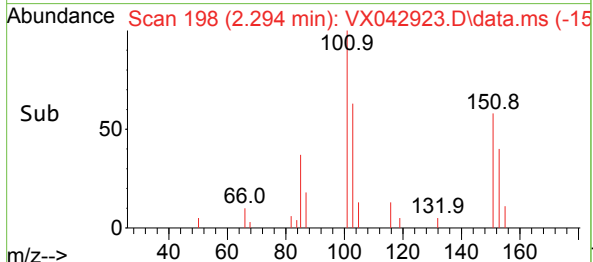
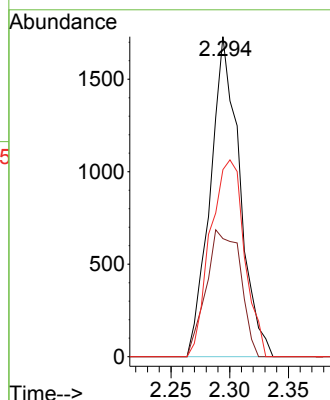
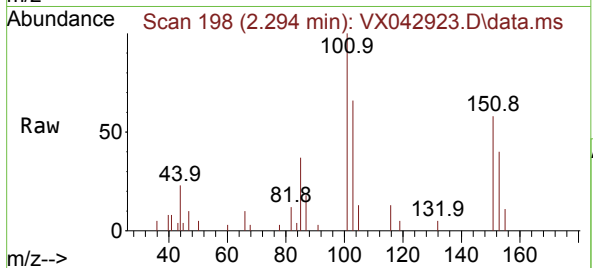




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.978 ug/l
RT: 2.294 min Scan# 19
Delta R.T. -0.018 min
Lab File: VX042923.D
Acq: 07 Aug 2024 18:08

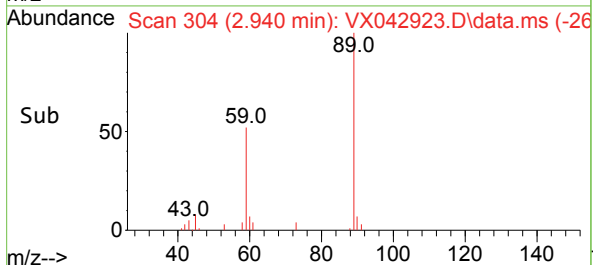
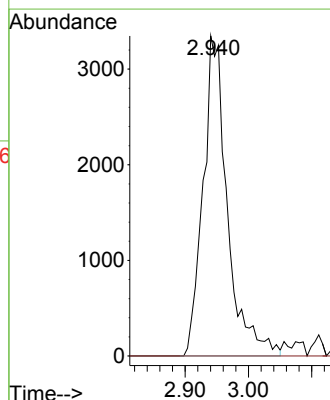
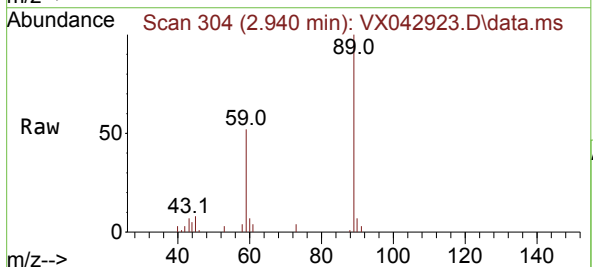
Instrument :
MSVOA_X
ClientSampleId :

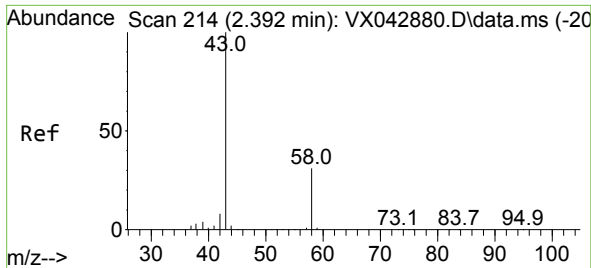
Tgt Ion:101 Resp: 3019
Ion Ratio Lower Upper
101 100
85 45.8 37.0 55.6
151 71.2 58.6 87.8



#11
Tert butyl alcohol
Concen: 23.418 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX042923.D
Acq: 07 Aug 2024 18:08

Tgt Ion: 59 Resp: 8958
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

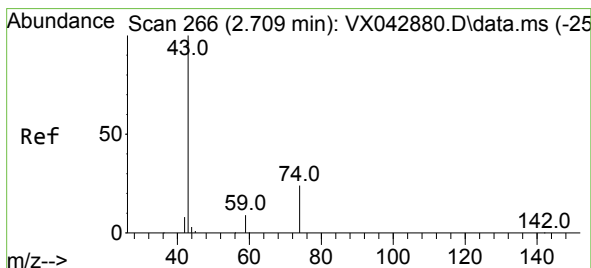
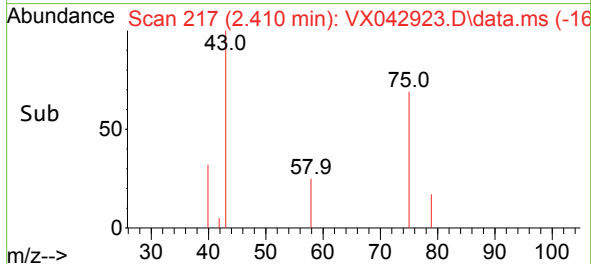
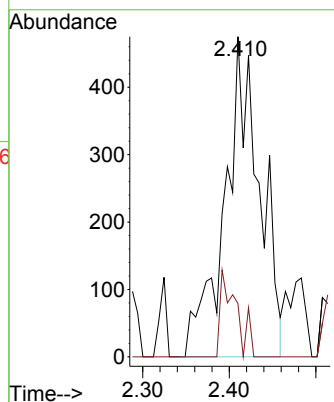
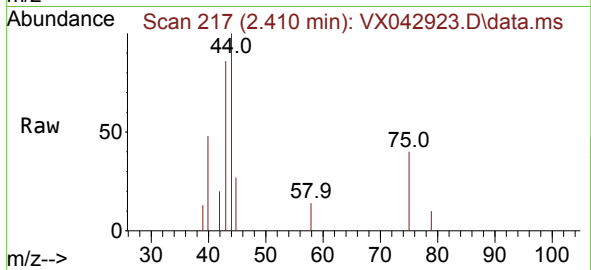




#16
Acetone
Concen: 1.593 ug/l
RT: 2.410 min Scan# 214
Delta R.T. 0.018 min
Lab File: VX042923.D
Acq: 07 Aug 2024 18:08

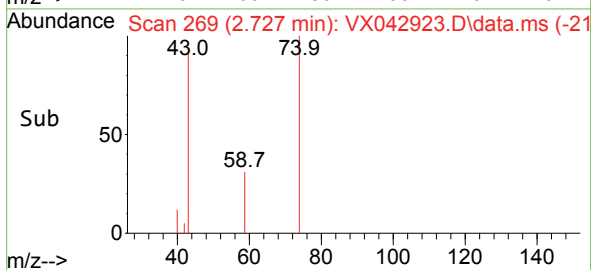
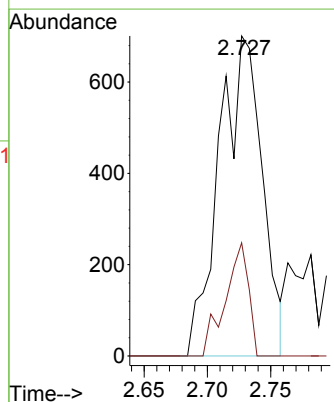
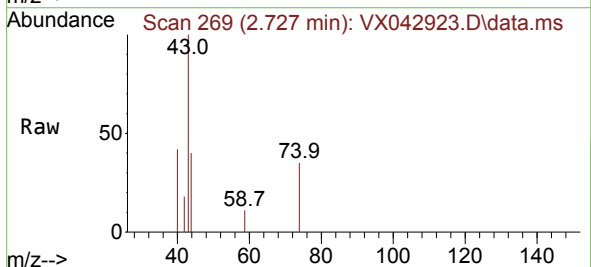
Instrument :
MSVOA_X
ClientSampleId :

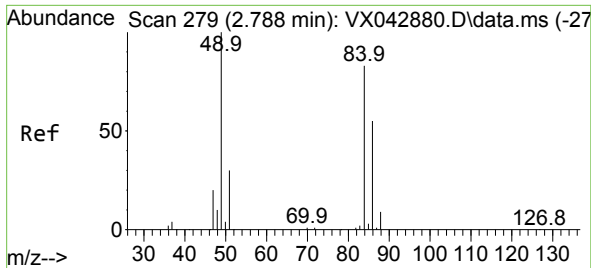
Tgt Ion: 43 Resp: 1329
Ion Ratio Lower Upper
43 100
58 16.6 21.9 32.9#



#18
Methyl Acetate
Concen: 0.625 ug/l
RT: 2.727 min Scan# 269
Delta R.T. 0.018 min
Lab File: VX042923.D
Acq: 07 Aug 2024 18:08

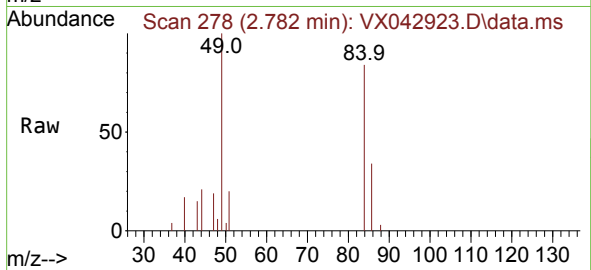
Tgt Ion: 43 Resp: 1654
Ion Ratio Lower Upper
43 100
74 19.1 17.8 26.8



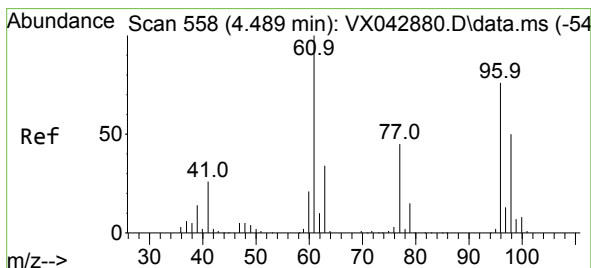
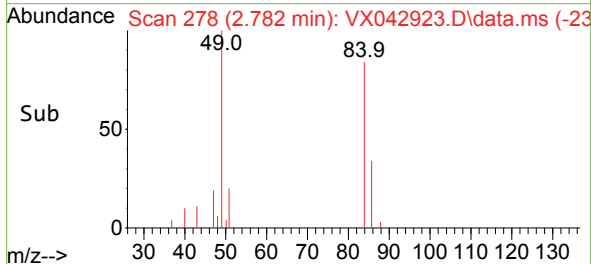
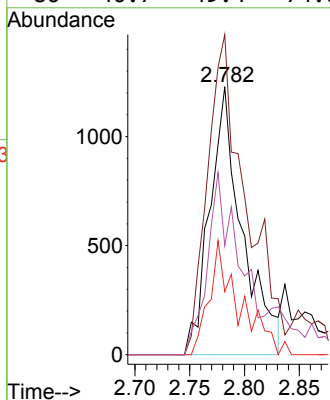


#20
Methylene Chloride
Concen: 0.566 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX042923.D
Acq: 07 Aug 2024 18:08

Instrument :
MSVOA_X
ClientSampleId :

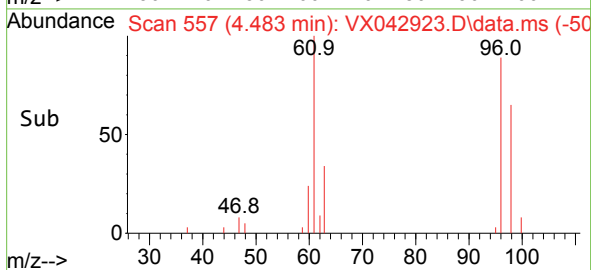
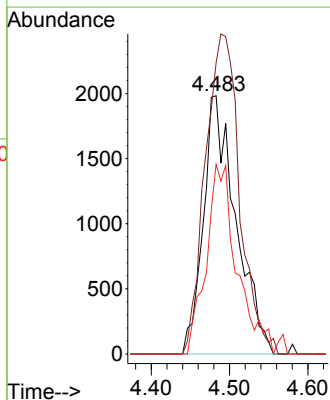
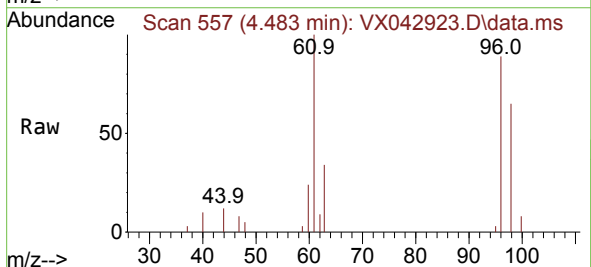


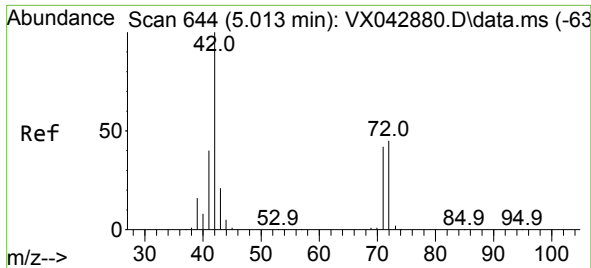
Tgt Ion: 84 Resp: 2548
Ion Ratio Lower Upper
84 100
49 119.4 103.6 155.4
51 23.5 33.8 50.6#
86 40.7 49.4 74.0#



#27
cis-1,2-Dichloroethene
Concen: 3.110 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX042923.D
Acq: 07 Aug 2024 18:08

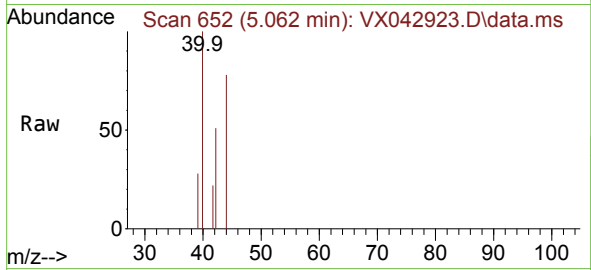
Tgt Ion: 96 Resp: 5730
Ion Ratio Lower Upper
96 100
61 130.8 0.0 312.2
98 69.0 0.0 129.0



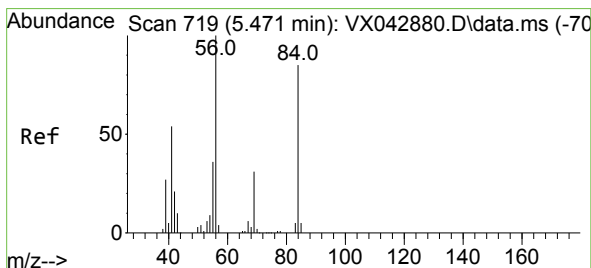
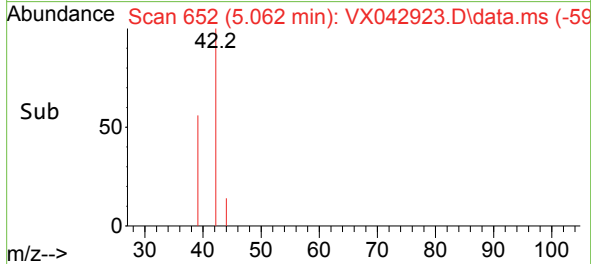
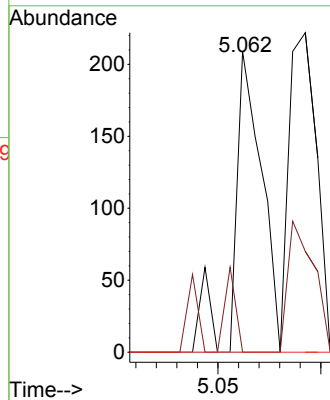


#29
Tetrahydrofuran
Concen: 0.216 ug/l
RT: 5.062 min Scan# 61
Delta R.T. 0.049 min
Lab File: VX042923.D
Acq: 07 Aug 2024 18:08

Instrument :
MSVOA_X
ClientSampleId :

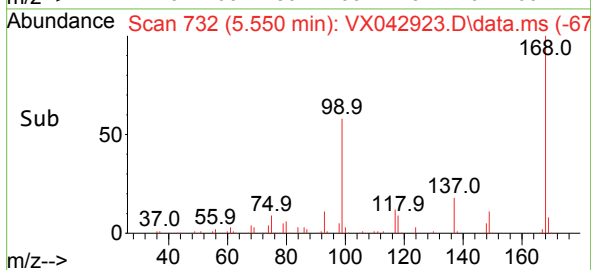
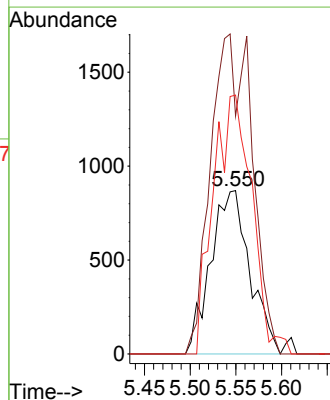
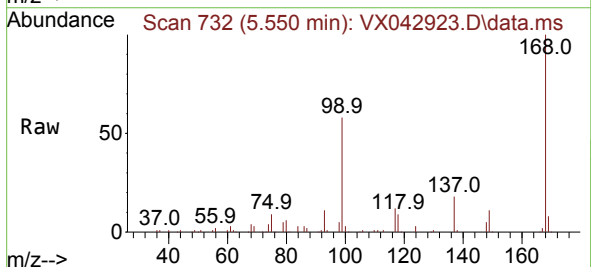


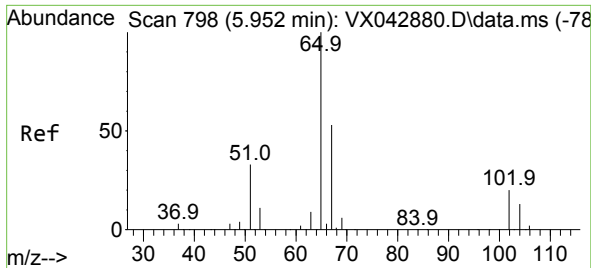
Tgt Ion: 42 Resp: 191
Ion Ratio Lower Upper
42 100
72 11.5 34.2 51.4#
71 0.0 32.2 48.2#



#31
Cyclohexane
Concen: 1.080 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX042923.D
Acq: 07 Aug 2024 18:08

Tgt Ion: 56 Resp: 2598
Ion Ratio Lower Upper
56 100
69 145.6 23.4 35.2#
84 158.5 65.9 98.9#

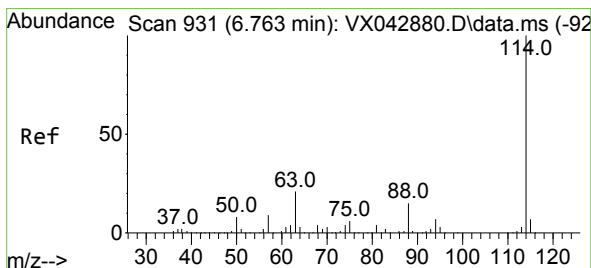
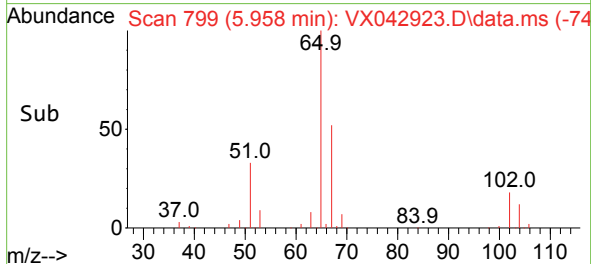
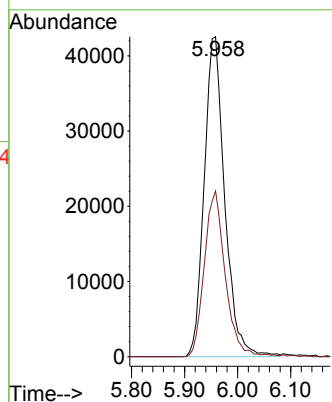
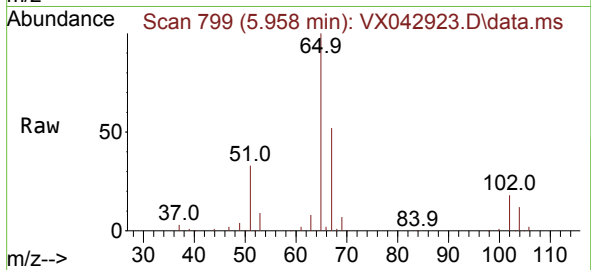




#33
 1,2-Dichloroethane-d4
 Concen: 59.549 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX042923.D
 Acq: 07 Aug 2024 18:08

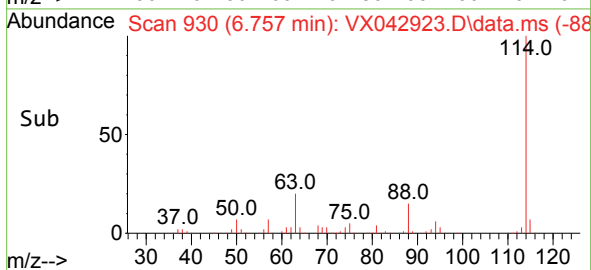
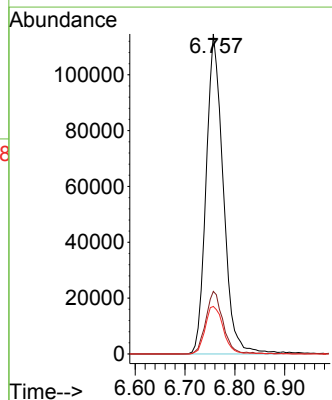
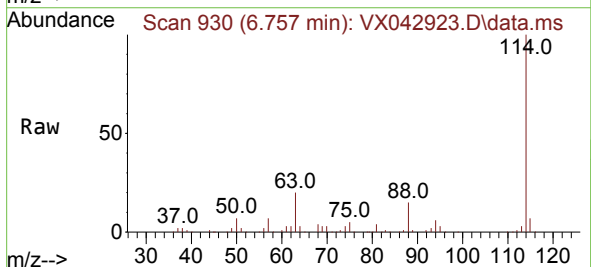
Instrument :
 MSVOA_X
 ClientSampleId :

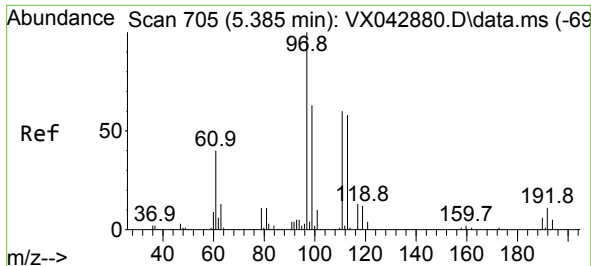
Tgt Ion: 65 Resp: 114523
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX042923.D
 Acq: 07 Aug 2024 18:08

Tgt Ion: 114 Resp: 272664
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 45.0
 88 14.8 0.0 36.6

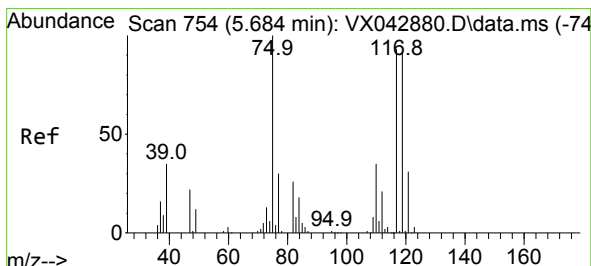
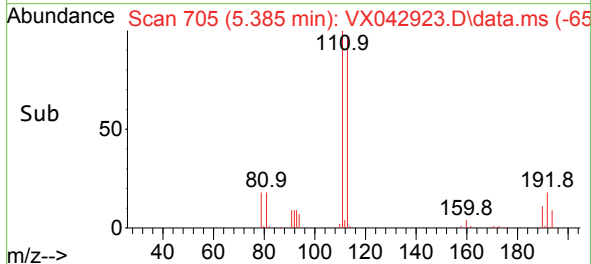
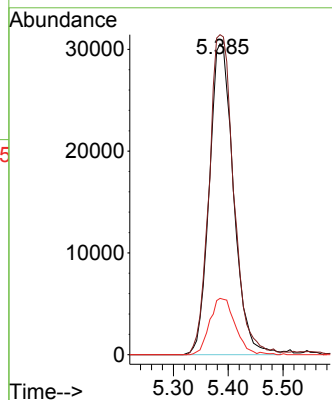
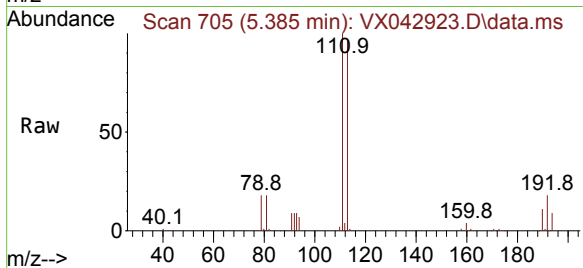




#35
Dibromofluoromethane
Concen: 52.570 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX042923.D
Acq: 07 Aug 2024 18:08

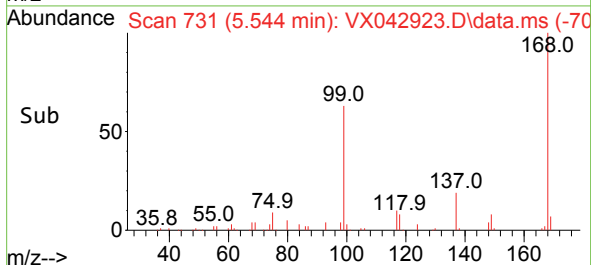
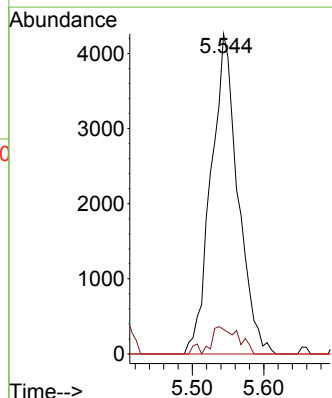
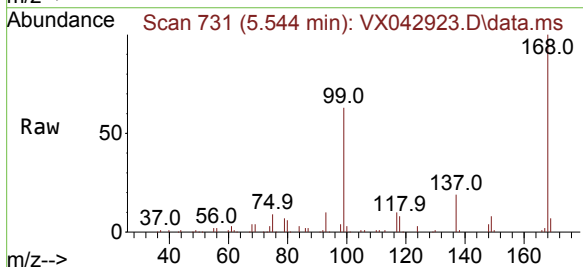
Instrument :
MSVOA_X
ClientSampleId :

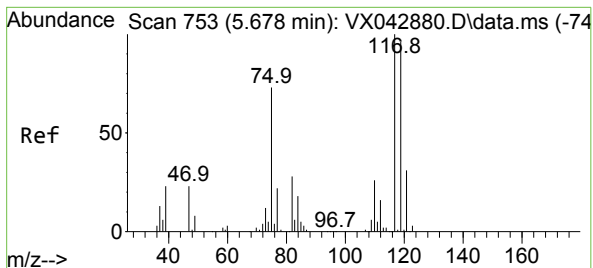
Tgt Ion:113 Resp: 93722
Ion Ratio Lower Upper
113 100
111 104.7 82.9 124.3
192 19.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.605 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX042923.D
Acq: 07 Aug 2024 18:08

Tgt Ion: 75 Resp: 11131
Ion Ratio Lower Upper
75 100
110 8.2 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.647 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.128 min

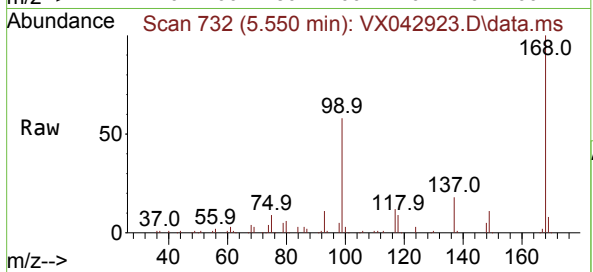
Lab File: VX042923.D

Acq: 07 Aug 2024 18:08

Instrument :

MSVOA_X

ClientSampleId :



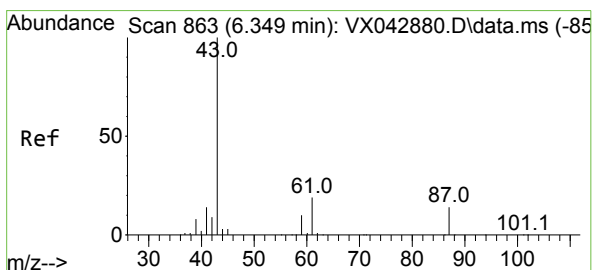
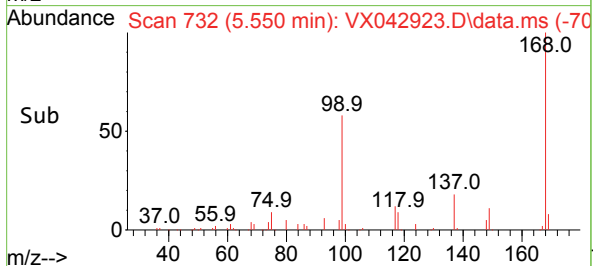
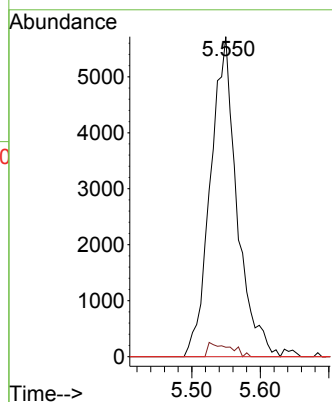
Tgt Ion:117 Resp: 15407

Ion Ratio Lower Upper

117 100

119 3.0 78.2 117.2#

121 0.0 24.4 36.6#



#43

Isopropyl Acetate

Concen: 0.214 ug/l

RT: 6.379 min Scan# 868

Delta R.T. 0.030 min

Lab File: VX042923.D

Acq: 07 Aug 2024 18:08

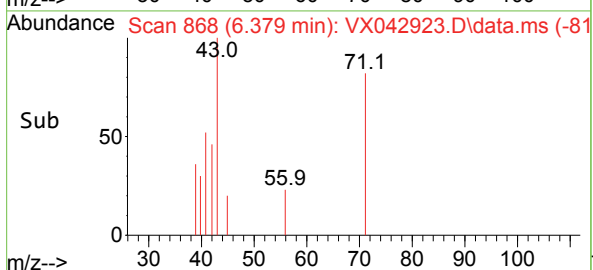
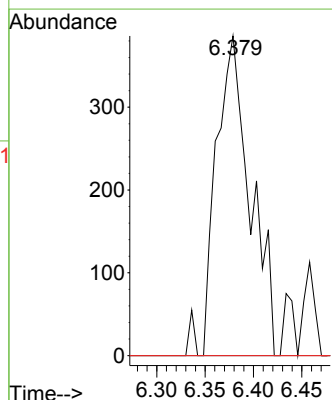
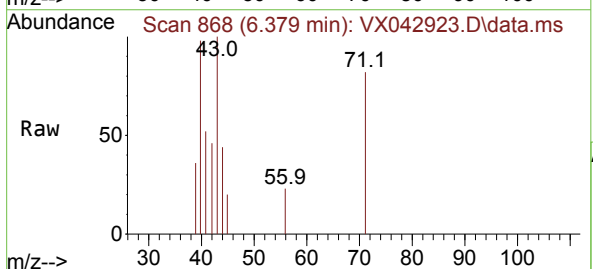
Tgt Ion: 43 Resp: 956

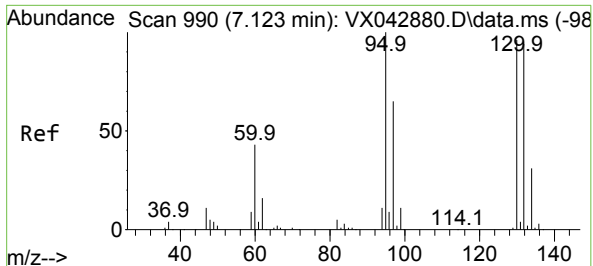
Ion Ratio Lower Upper

43 100

61 0.0 15.2 22.8#

87 0.0 9.8 14.6#

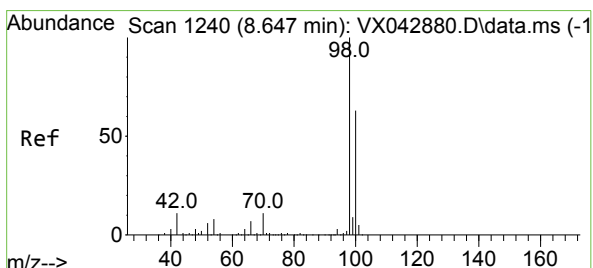
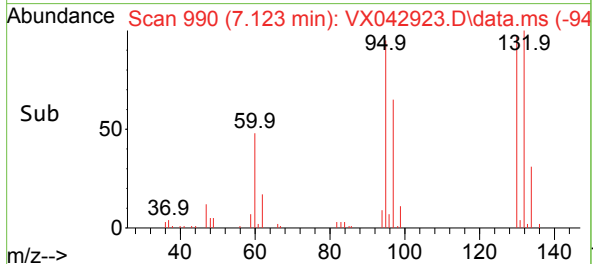
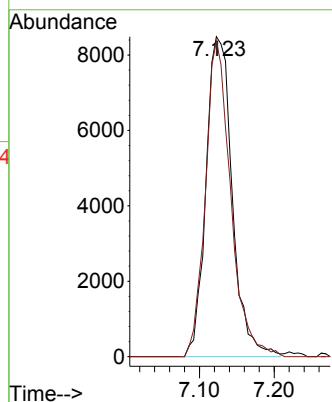
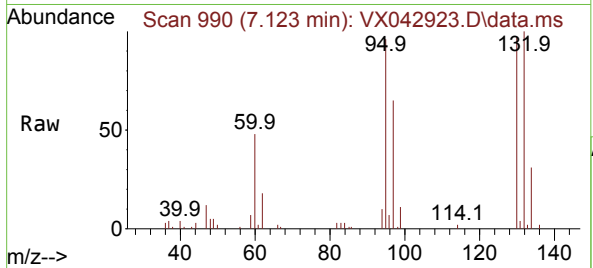




#44
Trichloroethene
Concen: 10.981 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX042923.D
Acq: 07 Aug 2024 18:08

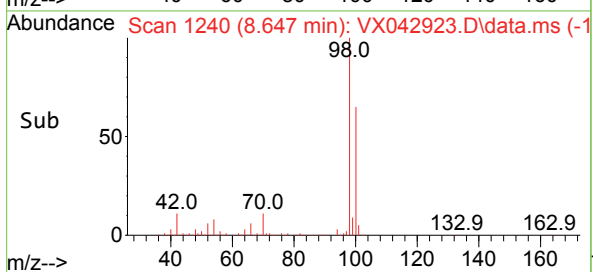
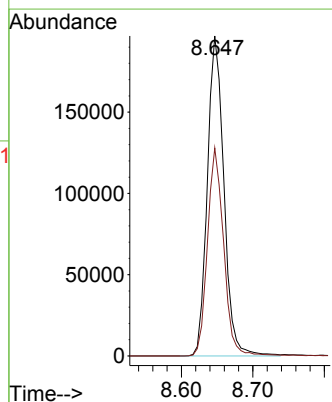
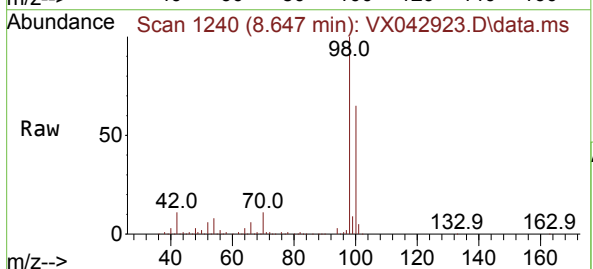
Instrument :
MSVOA_X
ClientSampleId :

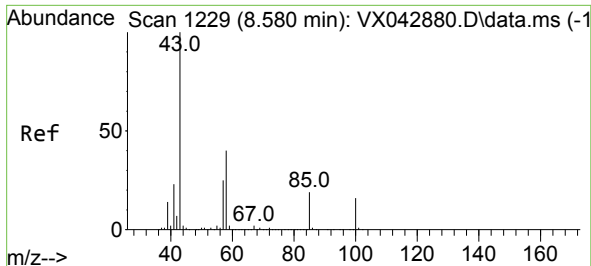
Tgt Ion:130 Resp: 20698
Ion Ratio Lower Upper
130 100
95 98.7 0.0 204.4



#50
Toluene-d8
Concen: 50.052 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042923.D
Acq: 07 Aug 2024 18:08

Tgt Ion: 98 Resp: 316784
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7

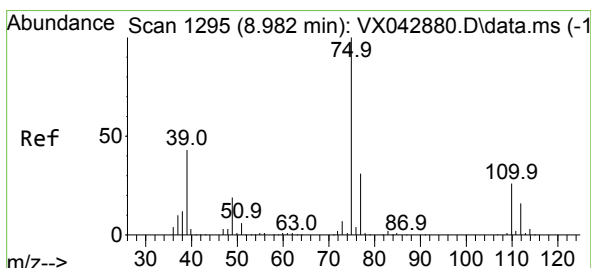
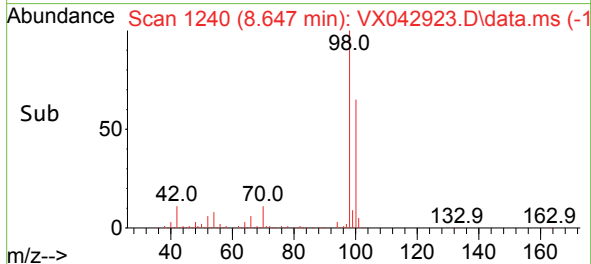
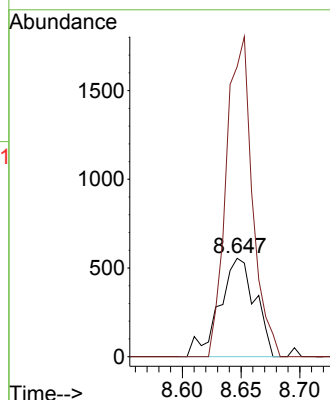
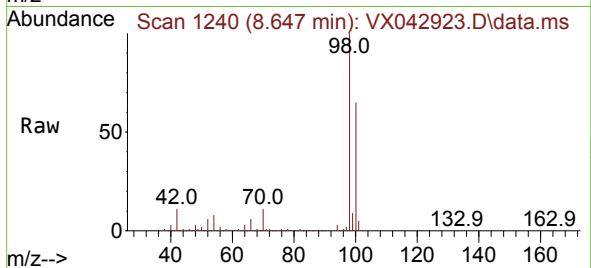




#51
4-Methyl-2-Pentanone
Concen: 0.391 ug/l
RT: 8.647 min Scan# 1172
Delta R.T. 0.067 min
Lab File: VX042923.D
Acq: 07 Aug 2024 18:08

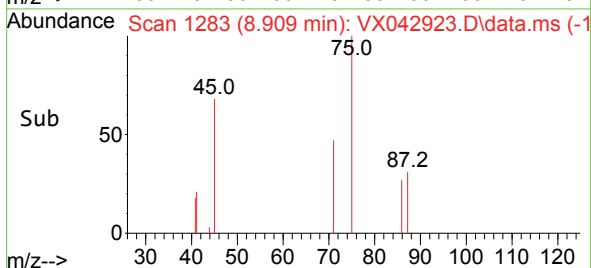
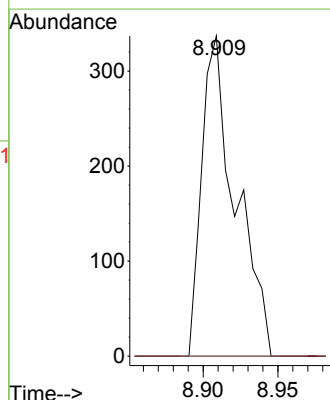
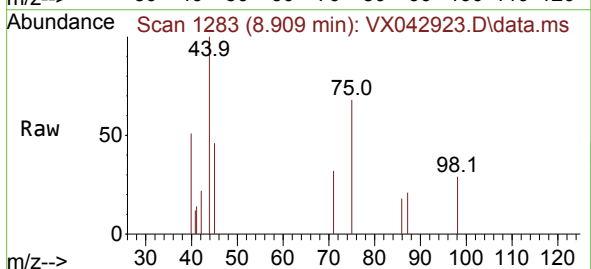
Instrument :
MSVOA_X
ClientSampleId :

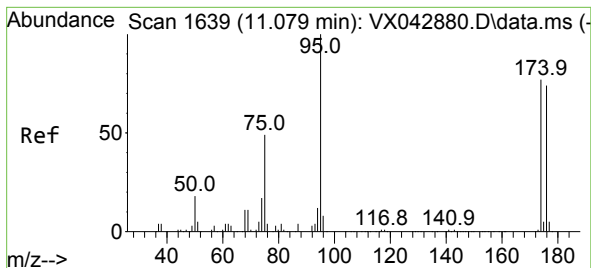
Tgt Ion: 43 Resp: 1172
Ion Ratio Lower Upper
43 100
58 238.1 30.4 45.6#



#53
t-1,3-Dichloropropene
Concen: 0.221 ug/l
RT: 8.909 min Scan# 1283
Delta R.T. -0.073 min
Lab File: VX042923.D
Acq: 07 Aug 2024 18:08

Tgt Ion: 75 Resp: 530
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#

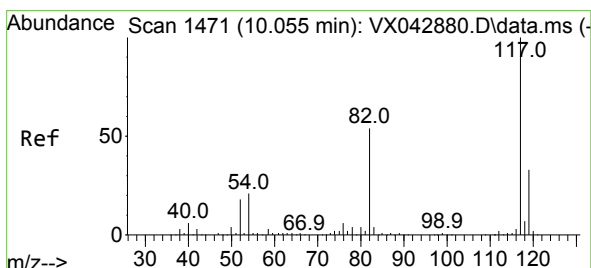
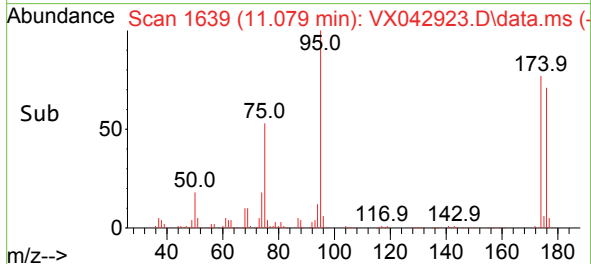
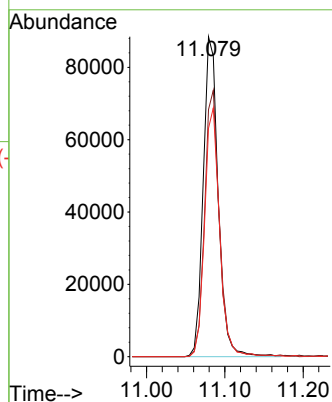
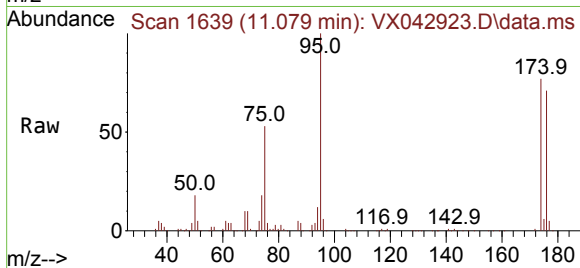




#62
4-Bromofluorobenzene
Concen: 51.607 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX042923.D
Acq: 07 Aug 2024 18:08

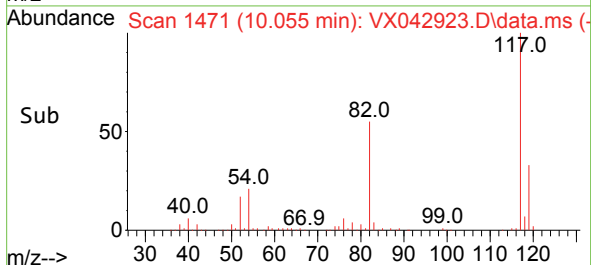
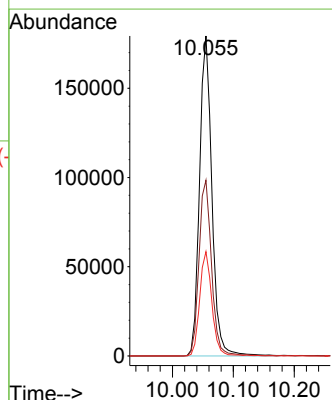
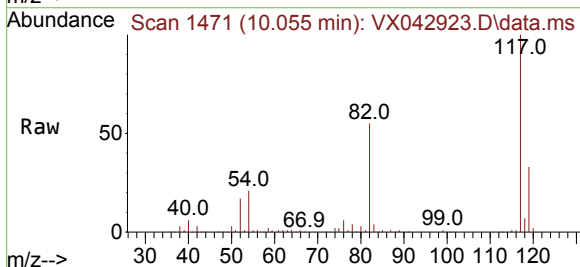
Instrument :
MSVOA_X
ClientSampleId :

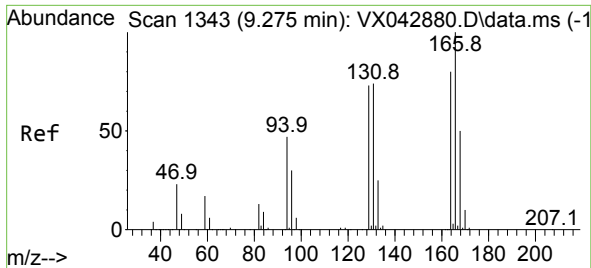
Tgt Ion: 95 Resp: 117371
Ion Ratio Lower Upper
95 100
174 82.4 0.0 135.6
176 78.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042923.D
Acq: 07 Aug 2024 18:08

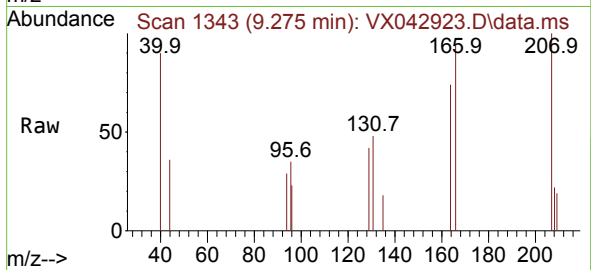
Tgt Ion: 117 Resp: 252949
Ion Ratio Lower Upper
117 100
82 54.9 46.2 69.4
119 32.6 25.5 38.3



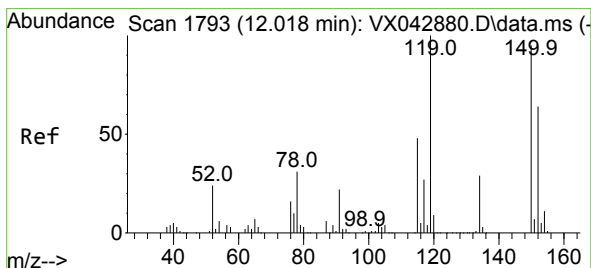
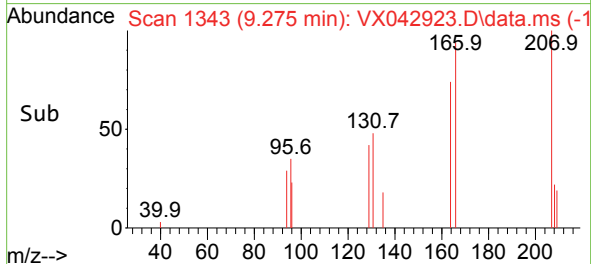
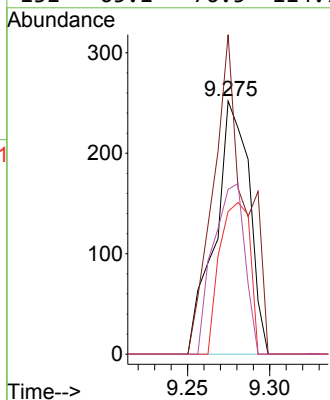


#64
Tetrachloroethene
Concen: 0.207 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042923.D
Acq: 07 Aug 2024 18:08

Instrument :
MSVOA_X
ClientSampleId :

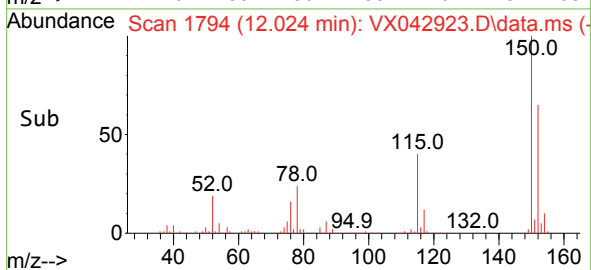
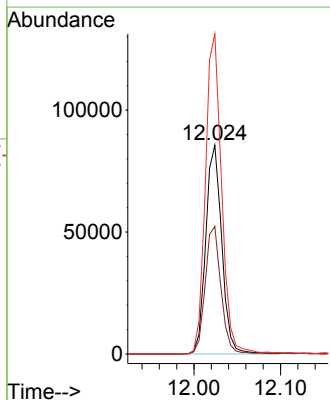
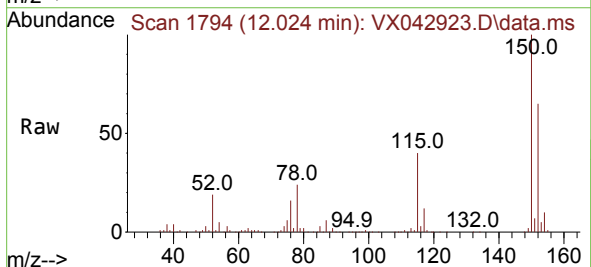


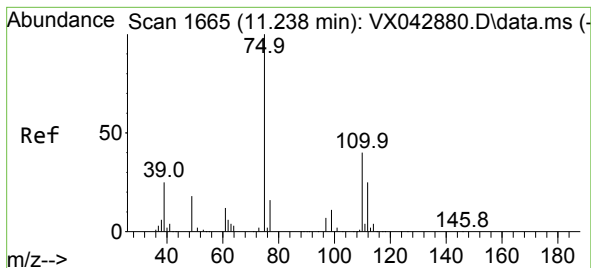
Tgt Ion:164 Resp: 364
Ion Ratio Lower Upper
164 100
166 126.2 102.7 154.1
129 56.3 80.4 120.6#
131 65.1 76.5 114.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX042923.D
Acq: 07 Aug 2024 18:08

Tgt Ion:152 Resp: 110333
Ion Ratio Lower Upper
152 100
115 60.3 43.3 129.9
150 154.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.544 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX042923.D

Acq: 07 Aug 2024 18:08

Instrument :

MSVOA_X

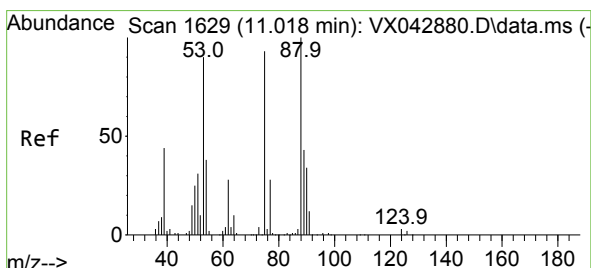
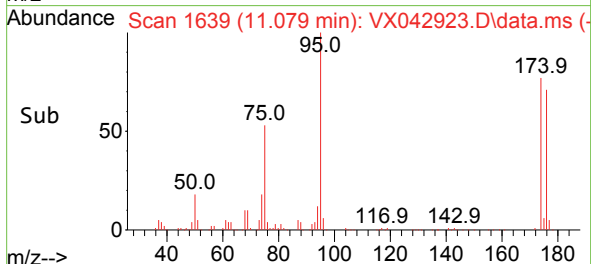
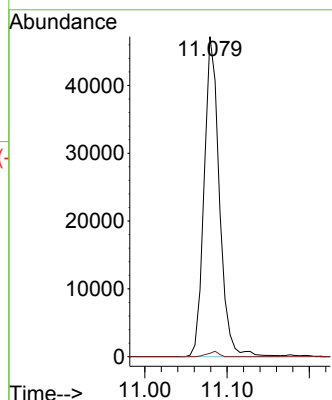
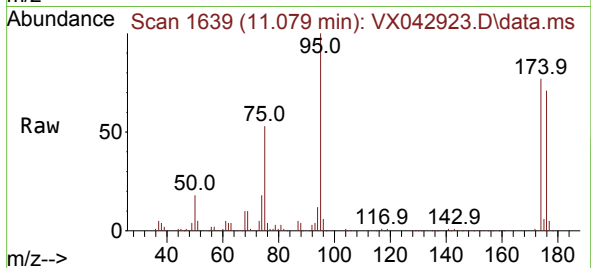
ClientSampleId :

Tgt Ion: 75 Resp: 60902

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 79.805 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX042923.D

Acq: 07 Aug 2024 18:08

Tgt Ion: 75 Resp: 60902

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#

