

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062624\
 Data File : VX042058.D
 Acq On : 26 Jun 2024 17:11
 Operator : JC/MD
 Sample : P3073-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 27 08:56:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

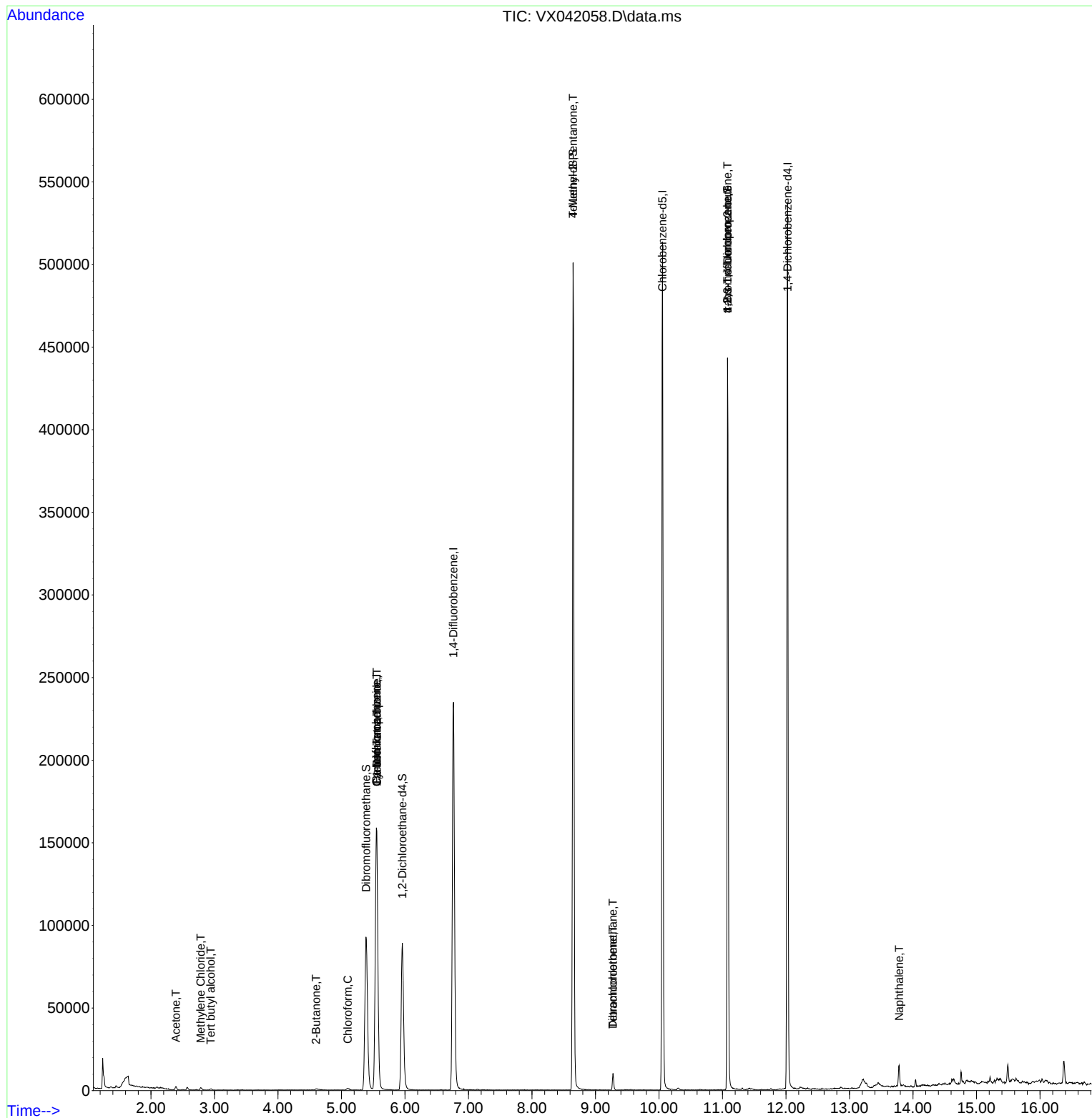
Internal Standards						
1) Pentafluorobenzene	5.550	168	181789	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	269425	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	258881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83119	39.651	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	79.300%		
35) Dibromofluoromethane	5.385	113	84324	44.109	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.220%		
50) Toluene-d8	8.647	98	310076	46.170	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.340%		
62) 4-Bromofluorobenzene	11.079	95	119204	48.150	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.300%		
Target Compounds						
					Qvalue	
6) Chloroethane	1.642	64	325	Below Cal	#	84
11) Tert butyl alcohol	2.941	59	491	1.234	ug/l #	78
16) Acetone	2.392	43	2359	2.563	ug/l	99
20) Methylene Chloride	2.782	84	864	0.429	ug/l #	78
25) 2-Butanone	4.599	43	1821	1.272	ug/l #	88
30) Chloroform	5.099	83	1392	0.454	ug/l	96
31) Cyclohexane	5.556	56	2453	1.001	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9974	4.913	ug/l #	51
38) Carbon Tetrachloride	5.556	117	14970	6.674	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1062	0.380	ug/l #	1
60) Dibromochloromethane	9.275	129	1768	0.896	ug/l #	11
64) Tetrachloroethene	9.275	164	2258	1.198	ug/l #	87
76) 1,2,3-Trichloropropane	11.079	75	53074	22.223	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	53074	63.111	ug/l #	5
95) Naphthalene	13.780	128	11232	1.921	ug/l	98

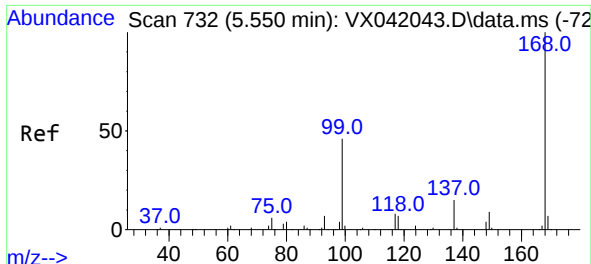
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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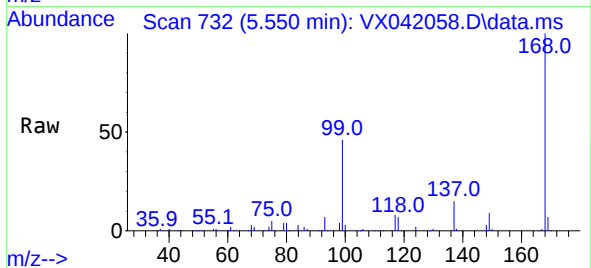
Quant Time: Jun 27 08:56:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
Response via : Initial Calibration



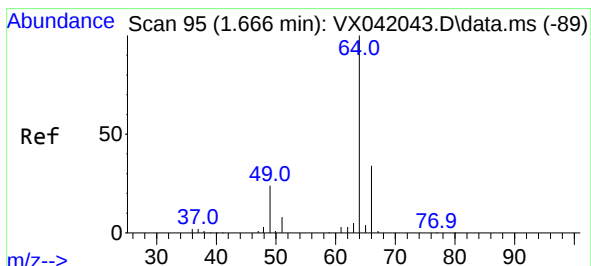
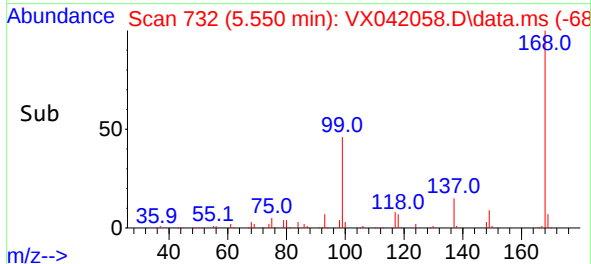
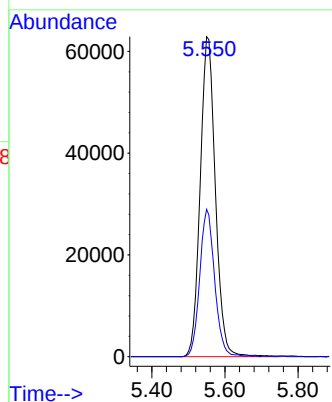


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042058.D
Acq: 26 Jun 2024 17:11

Instrument :
MSVOA_X
ClientSampleId :

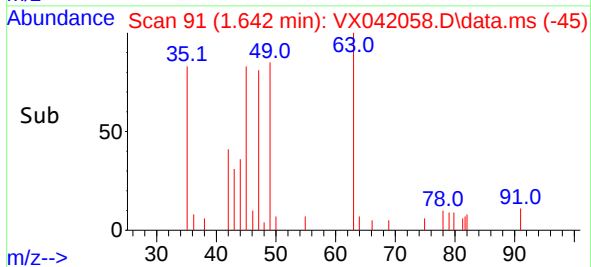
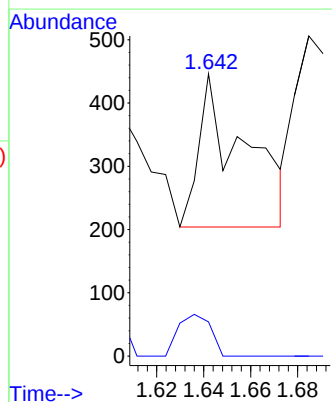
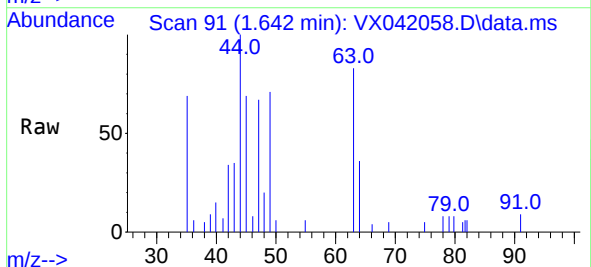


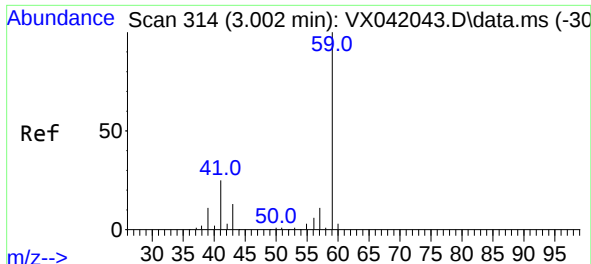
Tgt Ion:168 Resp: 181789
Ion Ratio Lower Upper
168 100
99 46.1 56.6 85.0#



#6
Chloroethane
Concen: Below Cal
RT: 1.642 min Scan# 91
Delta R.T. -0.018 min
Lab File: VX042058.D
Acq: 26 Jun 2024 17:11

Tgt Ion: 64 Resp: 325
Ion Ratio Lower Upper
64 100
66 22.3 25.1 37.7#





#11

Tert butyl alcohol

Concen: 1.234 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.067 min

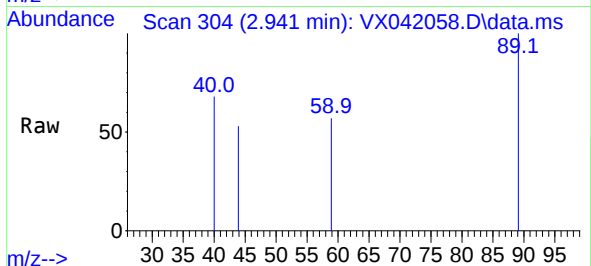
Lab File: VX042058.D

Acq: 26 Jun 2024 17:11

Instrument :

MSVOA_X

ClientSampleId :

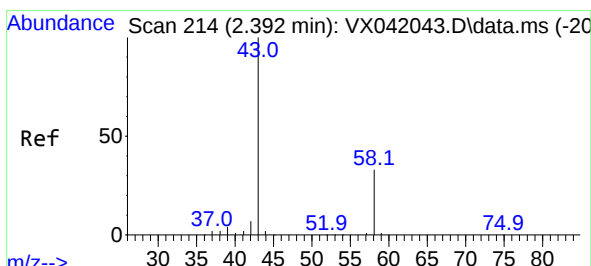
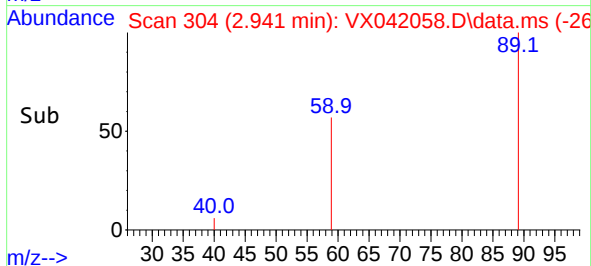
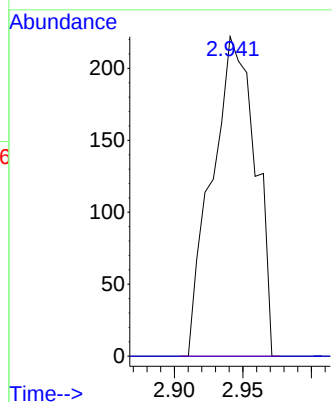


Tgt Ion: 59 Resp: 491

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 2.563 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX042058.D

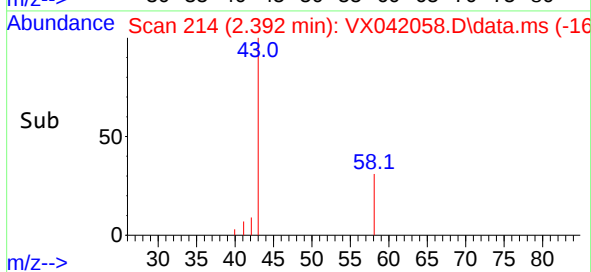
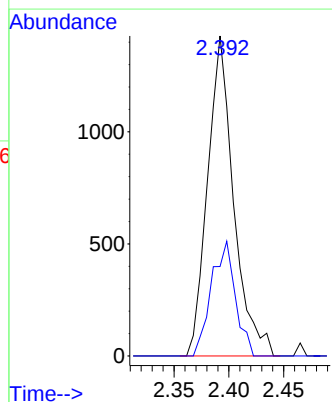
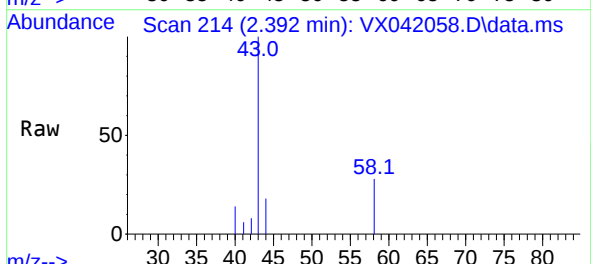
Acq: 26 Jun 2024 17:11

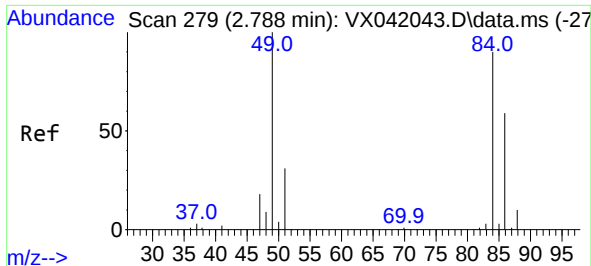
Tgt Ion: 43 Resp: 2359

Ion Ratio Lower Upper

43 100

58 27.9 21.9 32.9





#20

Methylene Chloride

Concen: 0.429 ug/l

RT: 2.782 min Scan# 21

Delta R.T. 0.000 min

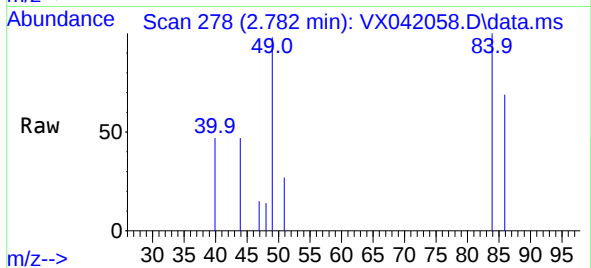
Lab File: VX042058.D

Acq: 26 Jun 2024 17:11

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 864

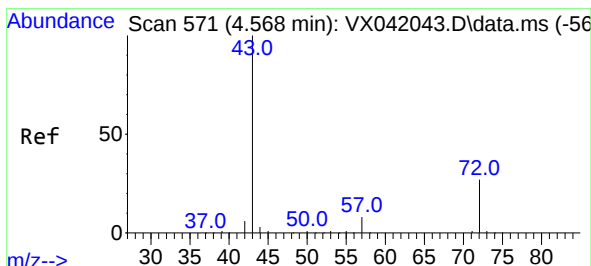
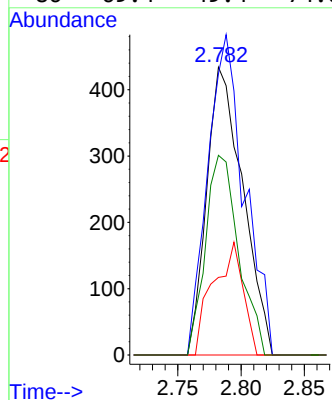
Ion	Ratio	Lower	Upper
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84	100		
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49	97.7	103.6	155.4#
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51	27.0	33.8	50.6#
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86	69.4	49.4	74.0
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#25

2-Butanone

Concen: 1.272 ug/l

RT: 4.599 min Scan# 576

Delta R.T. 0.025 min

Lab File: VX042058.D

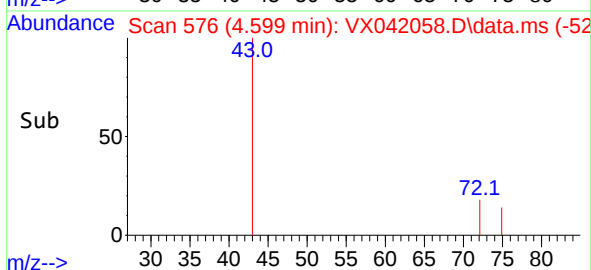
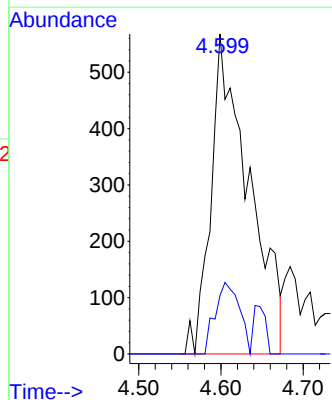
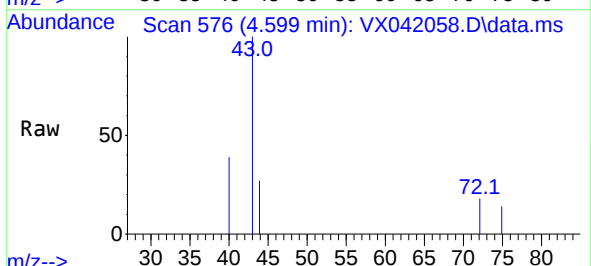
Acq: 26 Jun 2024 17:11

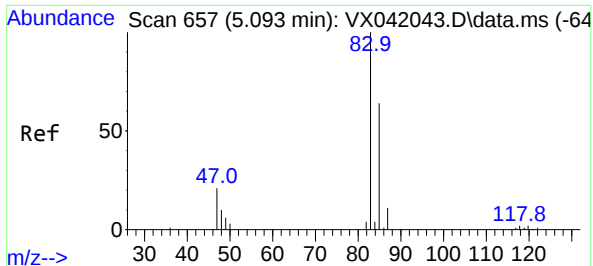
Tgt Ion: 43 Resp: 1821

Ion	Ratio	Lower	Upper
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43	100		
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72	18.3	19.4	29.2#
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#30

Chloroform

Concen: 0.454 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX042058.D

Acq: 26 Jun 2024 17:11

Instrument :

MSVOA_X

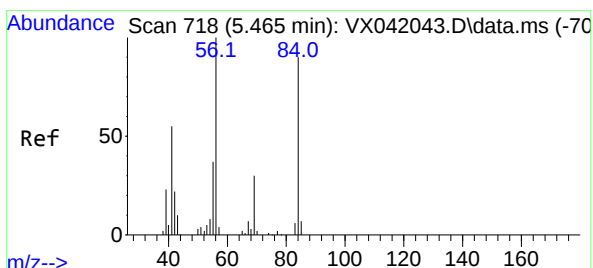
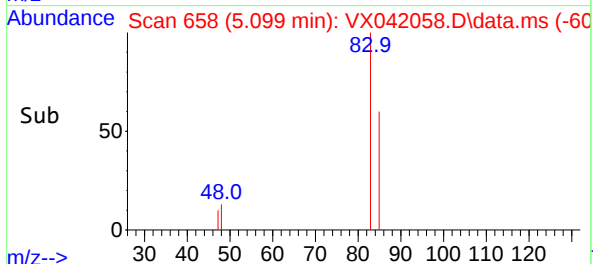
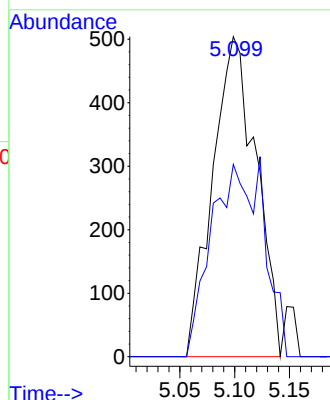
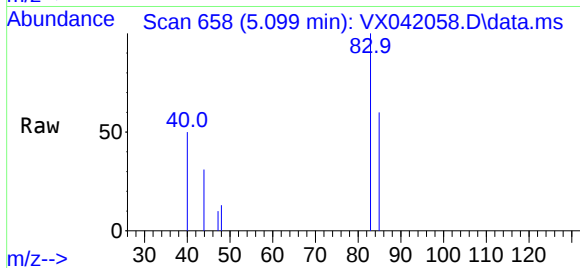
ClientSampleId :

Tgt Ion: 83 Resp: 1392

Ion Ratio Lower Upper

83 100

85 60.1 50.3 75.5



#31

Cyclohexane

Concen: 1.001 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.092 min

Lab File: VX042058.D

Acq: 26 Jun 2024 17:11

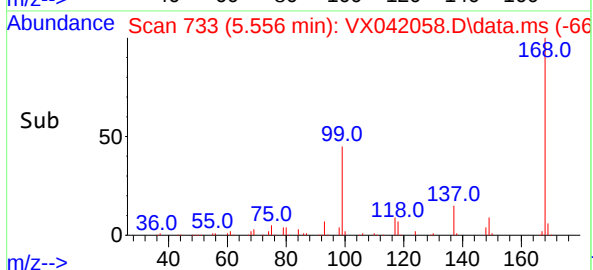
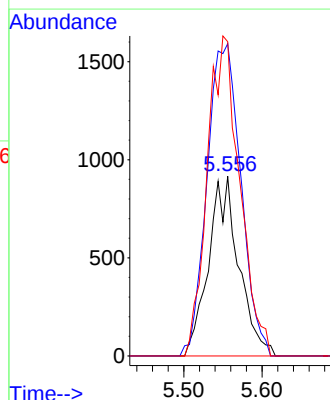
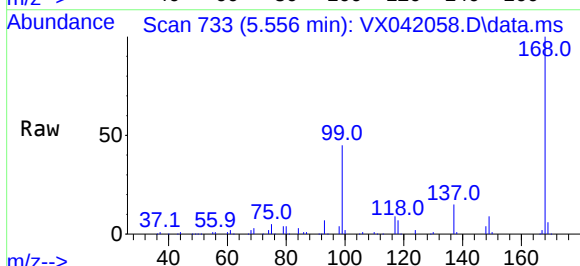
Tgt Ion: 56 Resp: 2453

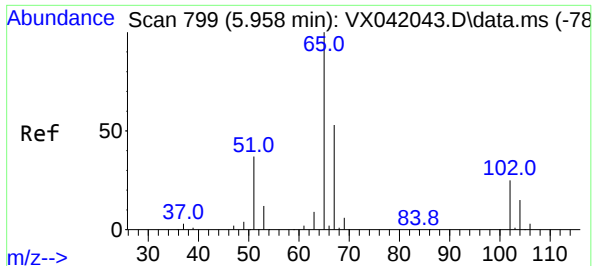
Ion Ratio Lower Upper

56 100

69 173.8 23.4 35.2#

84 174.9 65.9 98.9#

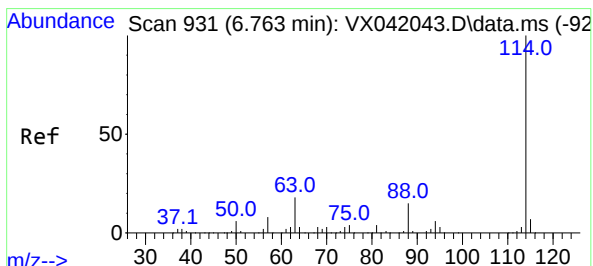
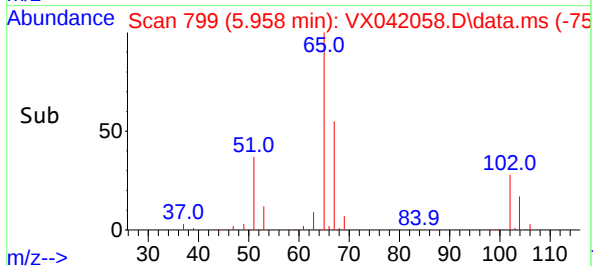
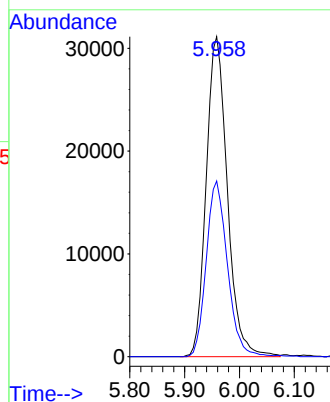
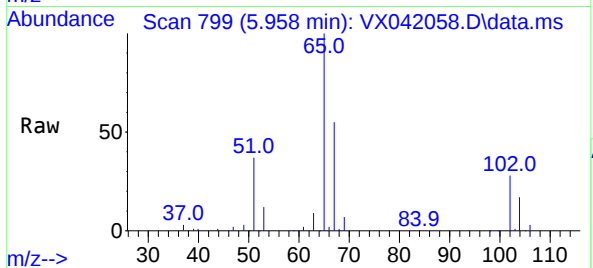




#33
1,2-Dichloroethane-d4
Concen: 39.651 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX042058.D
Acq: 26 Jun 2024 17:11

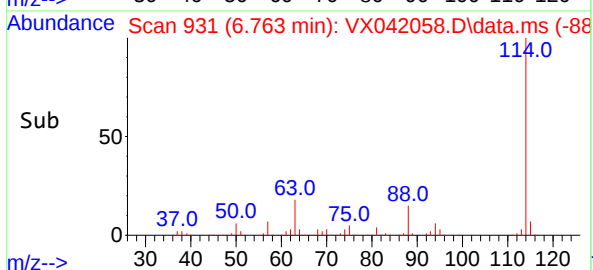
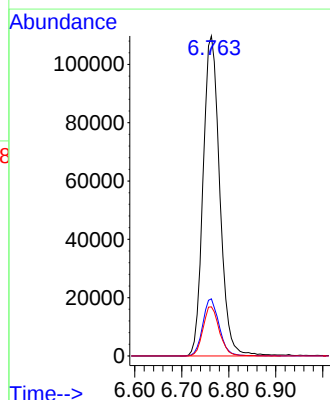
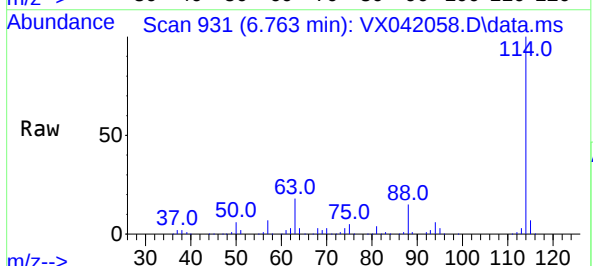
Instrument :
MSVOA_X
ClientSampleId :

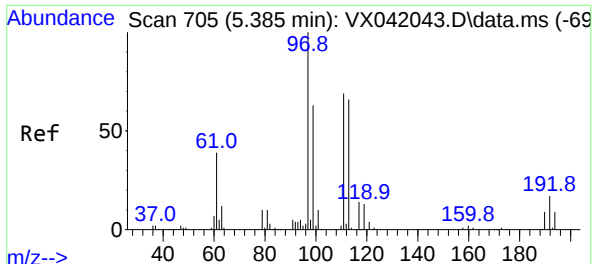
Tgt Ion: 65 Resp: 83119
Ion Ratio Lower Upper
65 100
67 55.0 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX042058.D
Acq: 26 Jun 2024 17:11

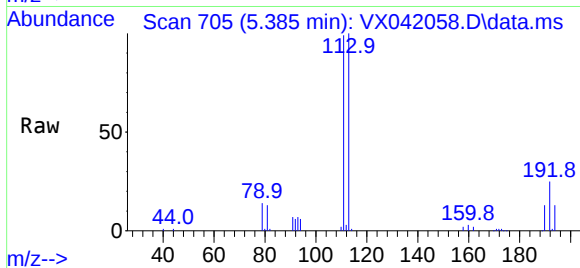
Tgt Ion: 114 Resp: 269425
Ion Ratio Lower Upper
114 100
63 17.8 0.0 45.0
88 15.4 0.0 36.6



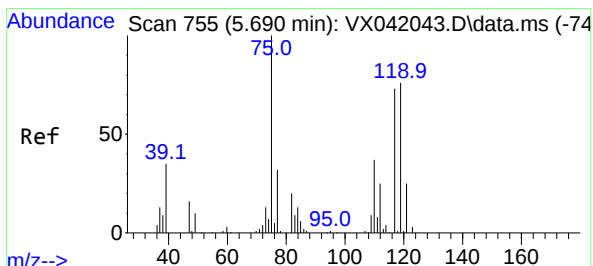
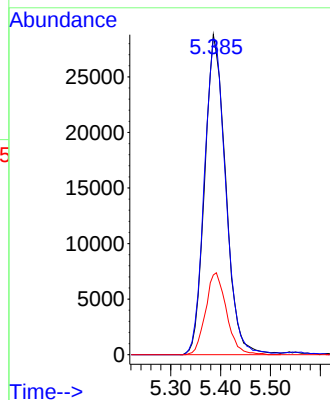
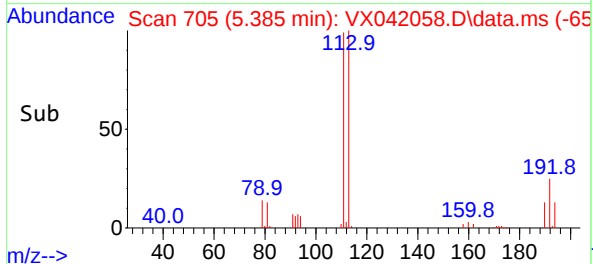


#35
Dibromofluoromethane
Concen: 44.109 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042058.D
Acq: 26 Jun 2024 17:11

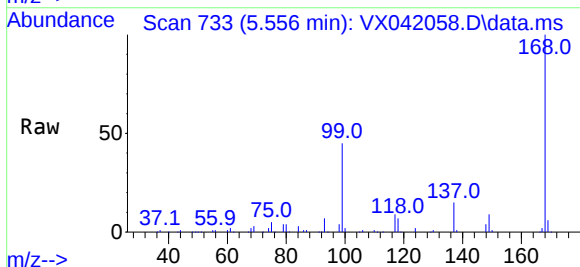
Instrument :
MSVOA_X
ClientSampleId :



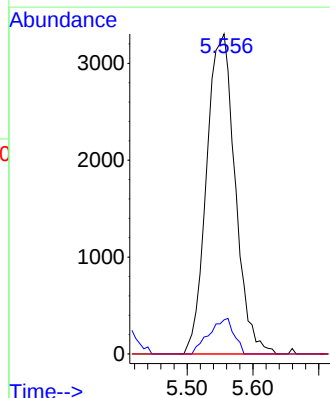
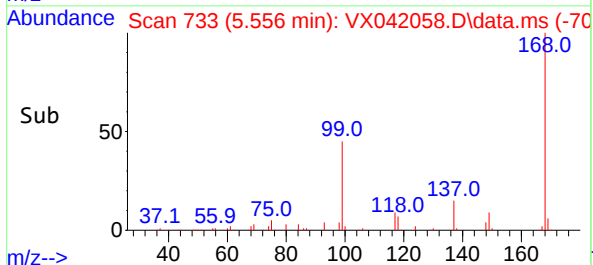
Tgt Ion:113 Resp: 84324
Ion Ratio Lower Upper
113 100
111 100.7 82.9 124.3
192 25.5 13.3 19.9#

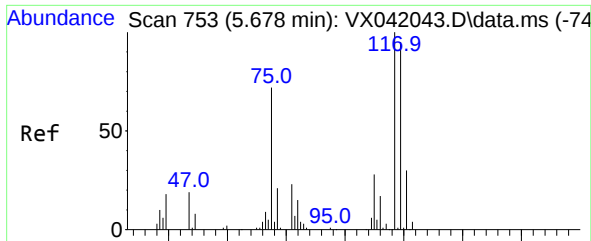


#36
1,1-Dichloropropene
Concen: 4.913 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX042058.D
Acq: 26 Jun 2024 17:11



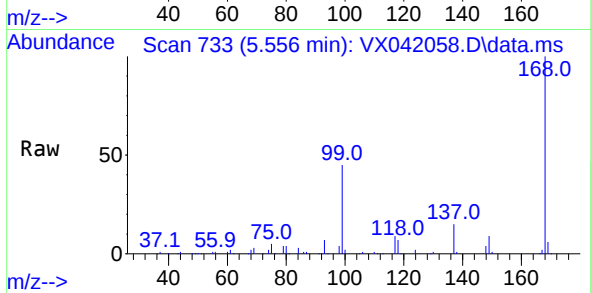
Tgt Ion: 75 Resp: 9974
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



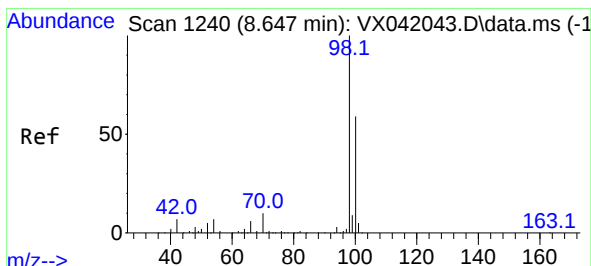
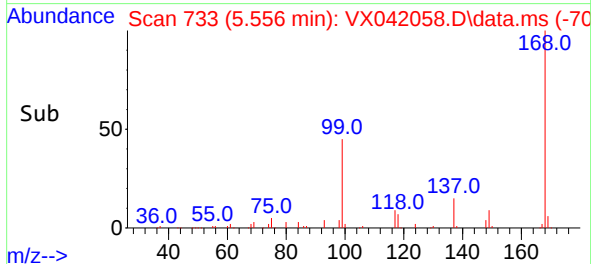
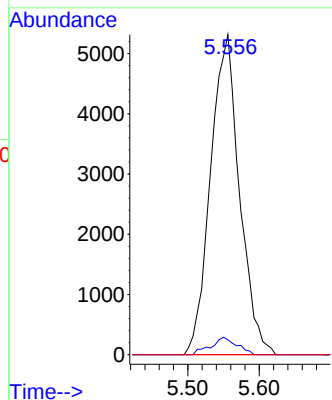


#38
Carbon Tetrachloride
Concen: 6.674 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX042058.D
Acq: 26 Jun 2024 17:11

Instrument :
MSVOA_X
ClientSampleId :

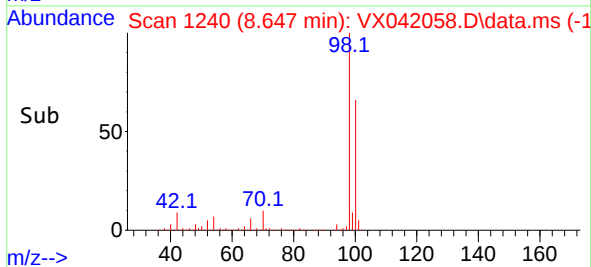
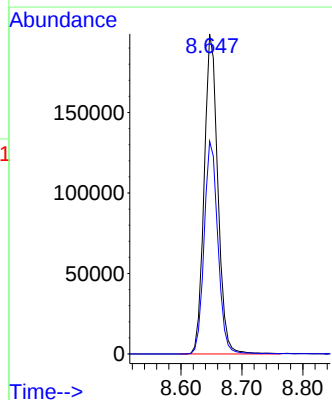
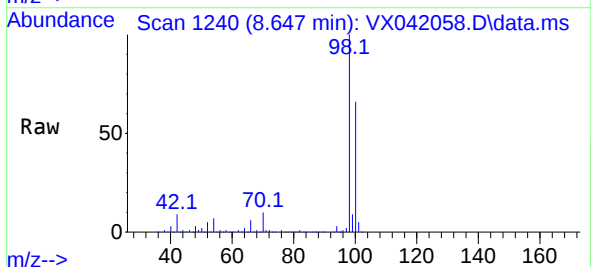


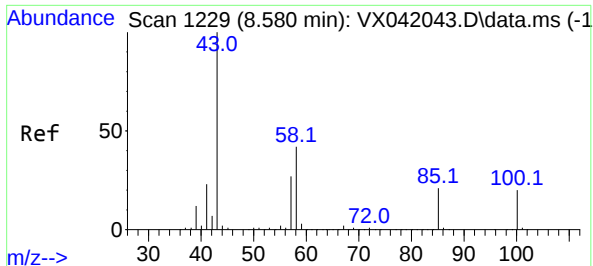
Tgt Ion:117 Resp: 14970
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.170 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042058.D
Acq: 26 Jun 2024 17:11

Tgt Ion: 98 Resp: 310076
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7

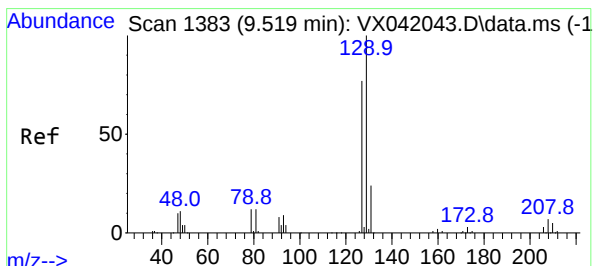
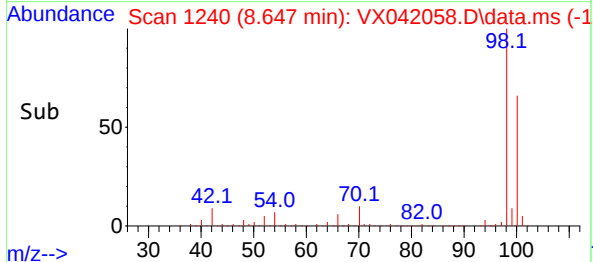
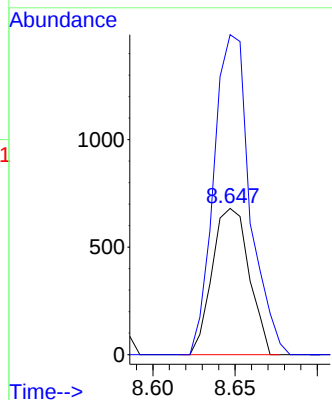
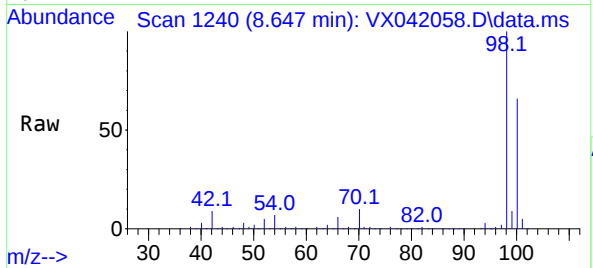




#51
4-Methyl-2-Pentanone
Concen: 0.380 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX042058.D
Acq: 26 Jun 2024 17:11

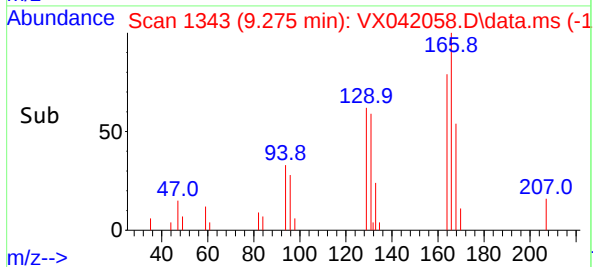
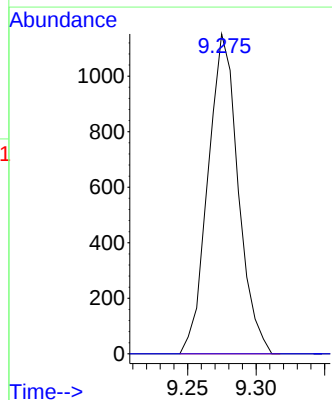
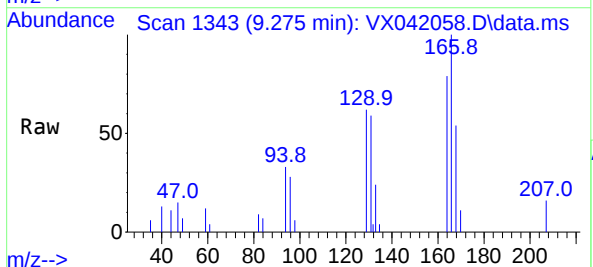
Instrument :
MSVOA_X
ClientSampleId :

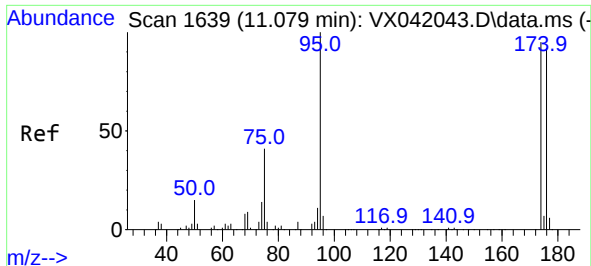
Tgt Ion: 43 Resp: 1062
Ion Ratio Lower Upper
43 100
58 214.7 30.4 45.6#



#60
Dibromochloromethane
Concen: 0.896 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX042058.D
Acq: 26 Jun 2024 17:11

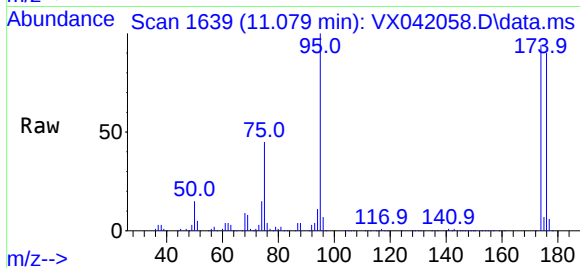
Tgt Ion: 129 Resp: 1768
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



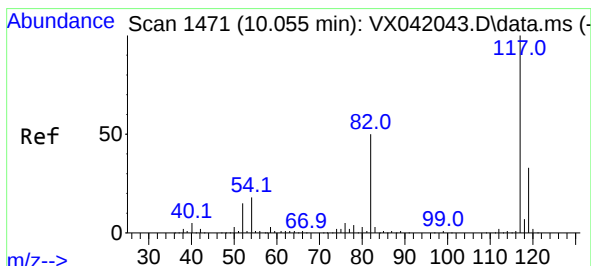
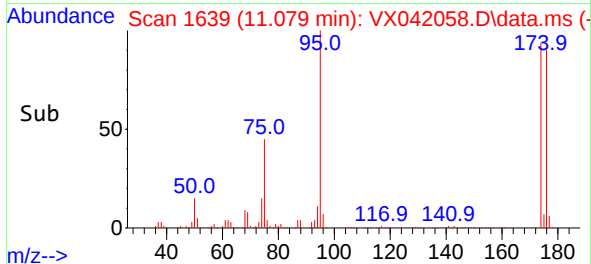
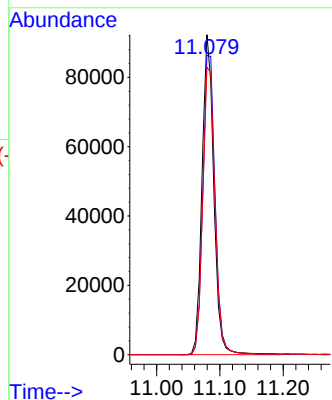


#62
4-Bromofluorobenzene
Concen: 48.150 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042058.D
Acq: 26 Jun 2024 17:11

Instrument :
MSVOA_X
ClientSampleId :

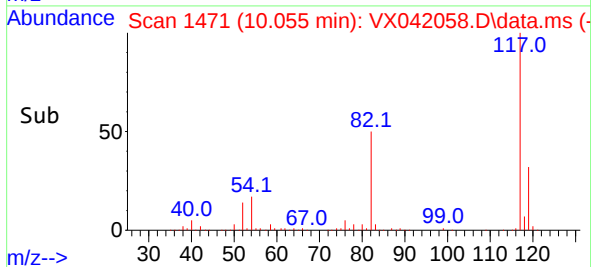
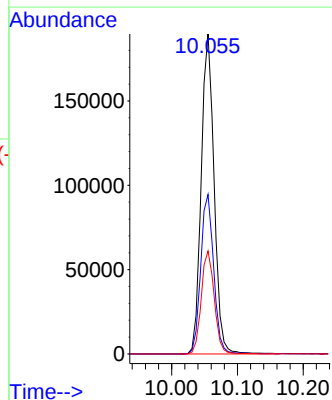
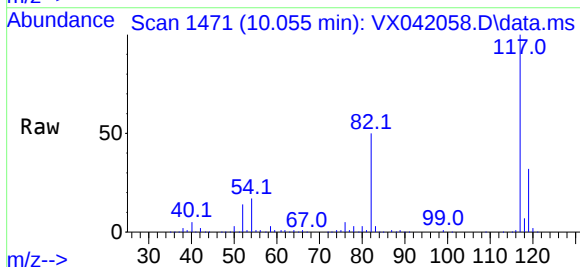


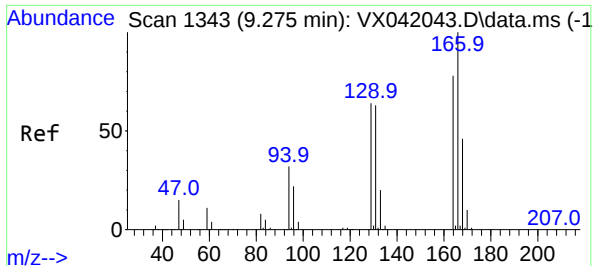
Tgt Ion: 95 Resp: 119204
Ion Ratio Lower Upper
95 100
174 98.6 0.0 135.6
176 94.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042058.D
Acq: 26 Jun 2024 17:11

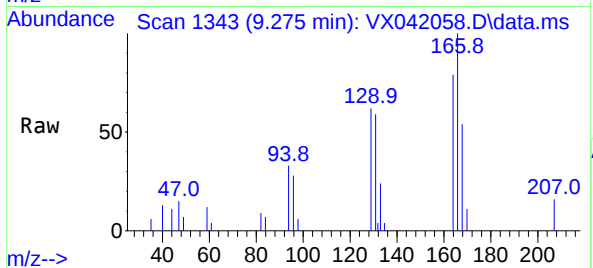
Tgt Ion: 117 Resp: 258881
Ion Ratio Lower Upper
117 100
82 49.8 46.2 69.4
119 32.2 25.5 38.3



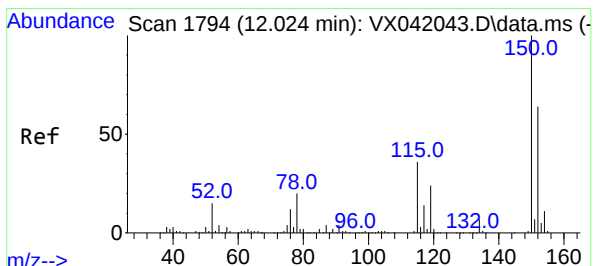
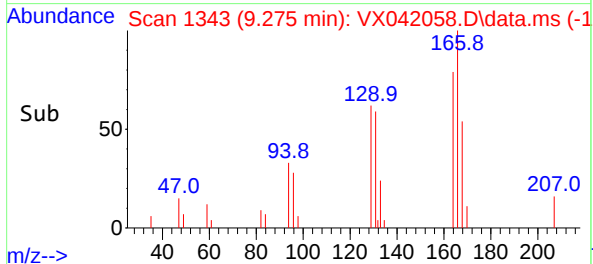
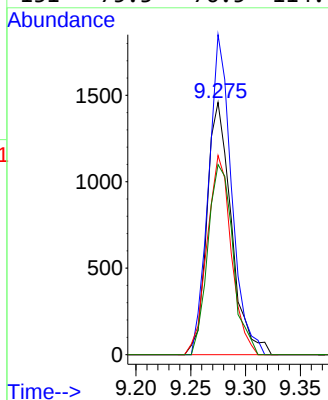


#64
Tetrachloroethene
Concen: 1.198 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042058.D
Acq: 26 Jun 2024 17:11

Instrument :
MSVOA_X
ClientSampleId :

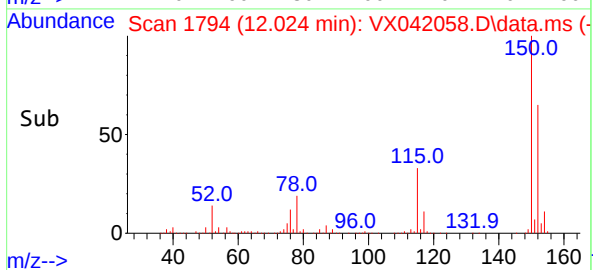
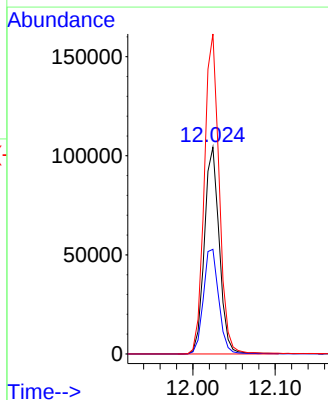
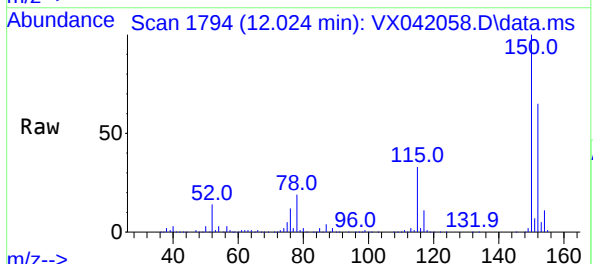


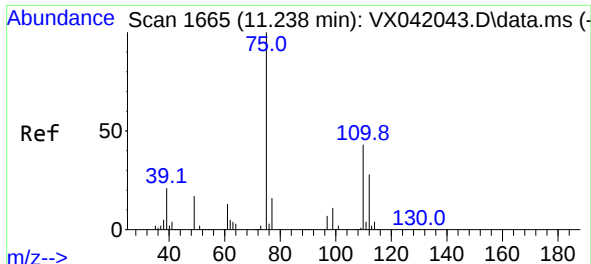
Tgt Ion:164 Resp: 2258
Ion Ratio Lower Upper
164 100
166 126.9 102.7 154.1
129 79.0 80.4 120.6#
131 75.3 76.5 114.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX042058.D
Acq: 26 Jun 2024 17:11

Tgt Ion:152 Resp: 131555
Ion Ratio Lower Upper
152 100
115 52.5 43.3 129.9
150 154.9 0.0 345.0

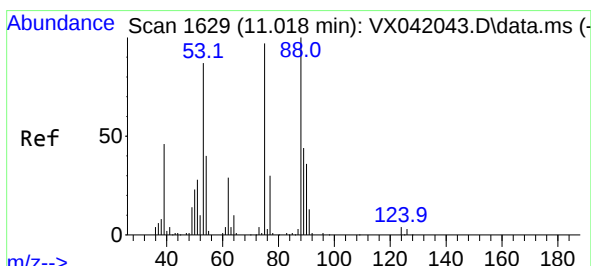
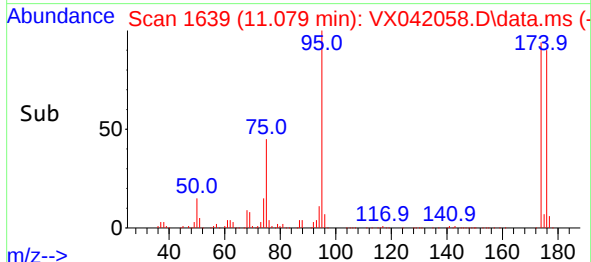
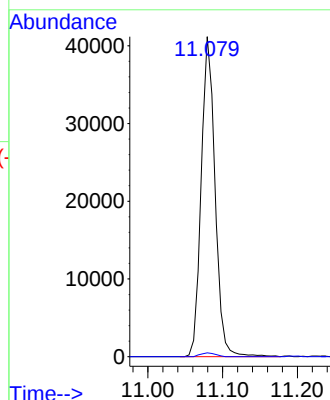
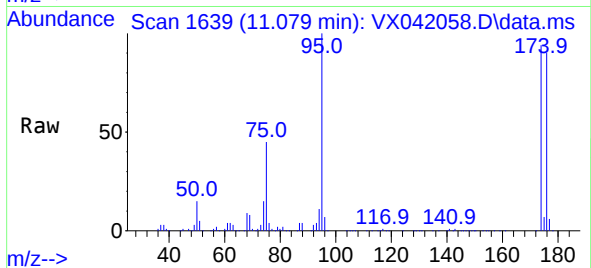




#76
1,2,3-Trichloropropane
Concen: 22.223 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX042058.D
Acq: 26 Jun 2024 17:11

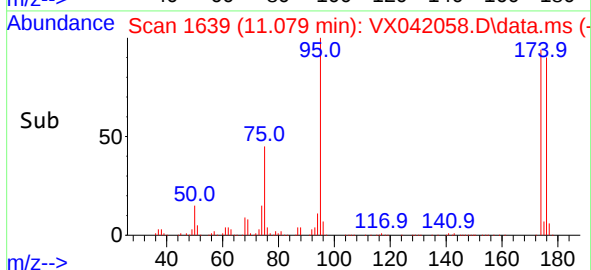
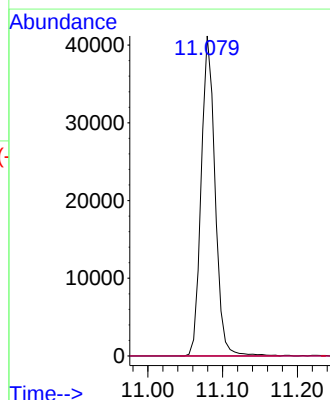
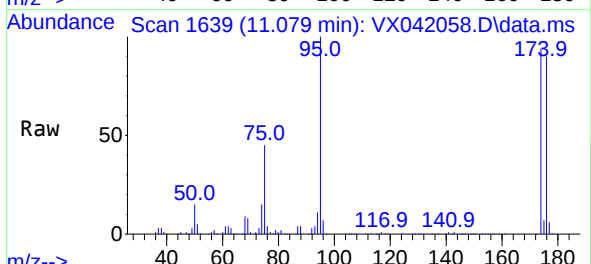
Instrument :
MSVOA_X
ClientSampleId :

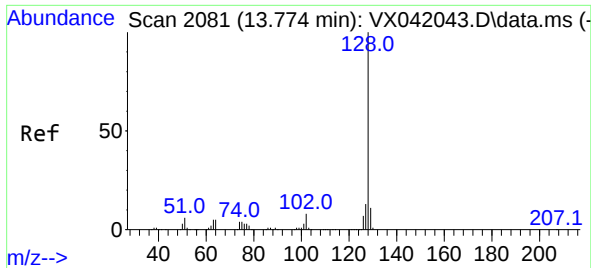
Tgt Ion: 75 Resp: 53074
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.111 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042058.D
Acq: 26 Jun 2024 17:11

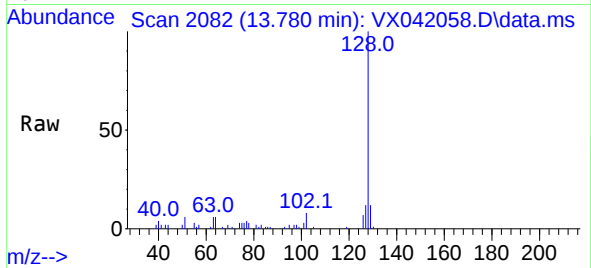
Tgt Ion: 75 Resp: 53074
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 1.921 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX042058.D
Acq: 26 Jun 2024 17:11

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	11232
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	12.5	8.8	13.2

