

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042969.D
 Acq On : 09 Aug 2024 04:06
 Operator : JC/MD
 Sample : P3458-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-02

Quant Time: Aug 09 05:51:26 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)

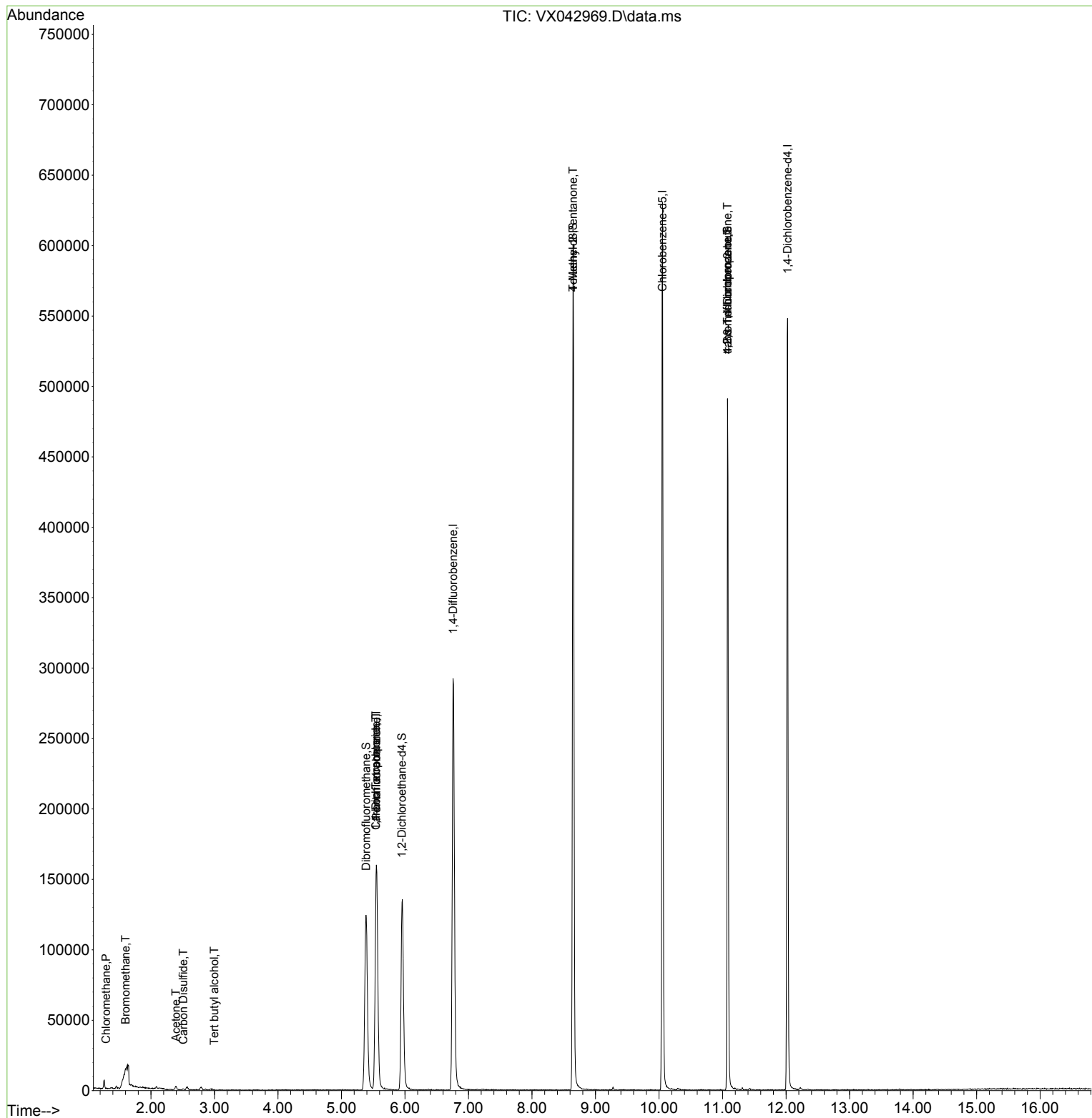
Internal Standards						
1) Pentafluorobenzene	5.550	168	151896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	304254	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	288418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119927	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	137482	65.931	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 131.860%#	
35) Dibromofluoromethane	5.385	113	113578	57.093	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 114.180%	
50) Toluene-d8	8.647	98	356370	50.461	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.920%	
62) 4-Bromofluorobenzene	11.079	95	130026	51.236	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.480%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	377	0.211	ug/l #	83
5) Bromomethane	1.599	94	793	0.774	ug/l #	68
11) Tert butyl alcohol	2.995	59	131	0.316	ug/l #	78
16) Acetone	2.392	43	3222	3.562	ug/l	95
17) Carbon Disulfide	2.508	76	958	0.235	ug/l #	76
20) Methylene Chloride	2.788	84	967	Below Cal	#	74
36) 1,1-Dichloropropene	5.544	75	12173	4.513	ug/l #	48
38) Carbon Tetrachloride	5.544	117	16956	5.569	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	1618	0.484	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	67886	25.170	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	67886	81.840	ug/l #	5

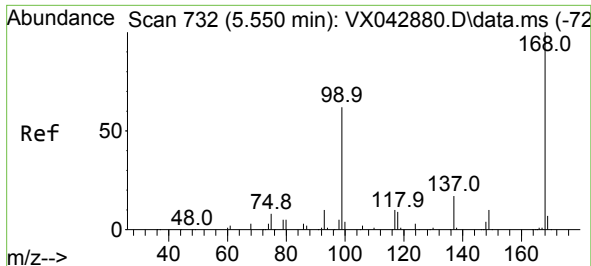
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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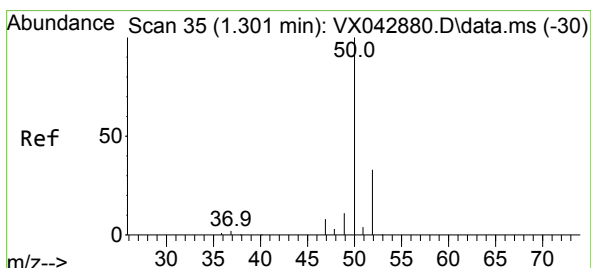
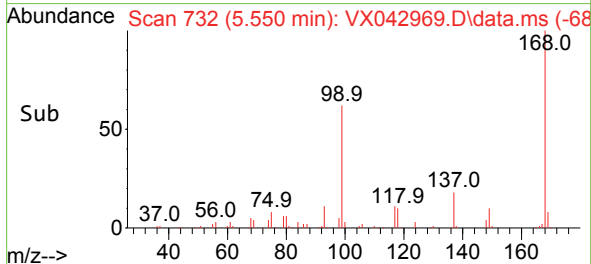
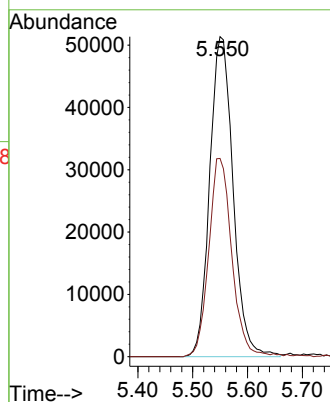
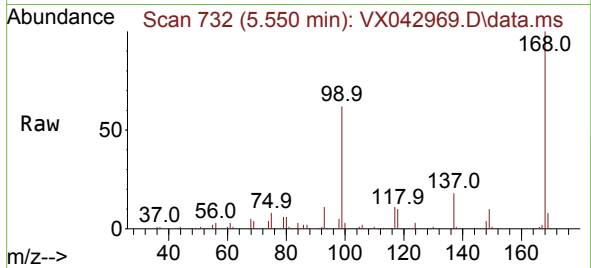




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042969.D
Acq: 09 Aug 2024 04:06

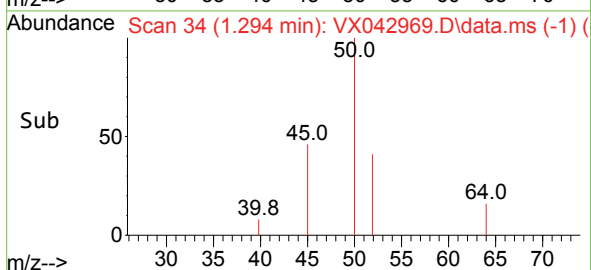
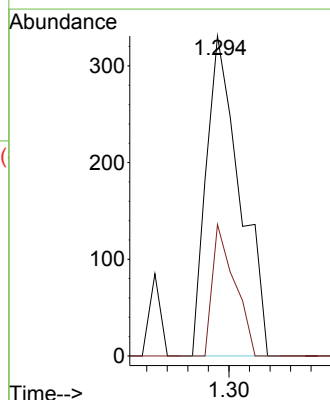
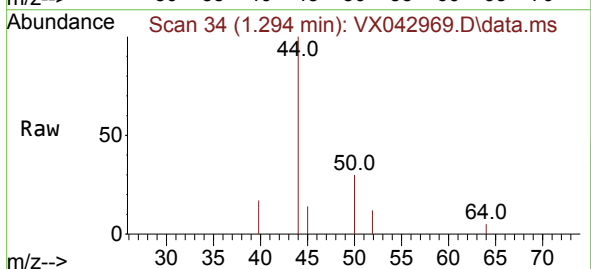
Instrument :
MSVOA_X
ClientSampleId :
TB-02

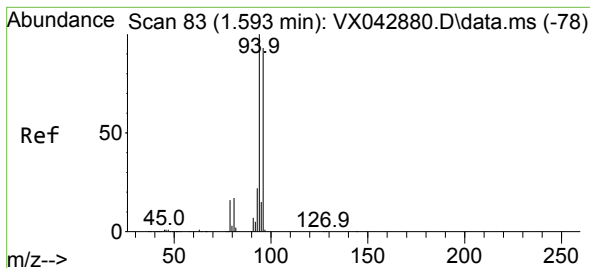
Tgt Ion:168 Resp: 151896
Ion Ratio Lower Upper
168 100
99 61.9 56.6 85.0



#3
Chloromethane
Concen: 0.211 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX042969.D
Acq: 09 Aug 2024 04:06

Tgt Ion: 50 Resp: 377
Ion Ratio Lower Upper
50 100
52 41.1 25.5 38.3#





#5

Bromomethane

Concen: 0.774 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.006 min

Lab File: VX042969.D

Acq: 09 Aug 2024 04:06

Instrument :

MSVOA_X

ClientSampleId :

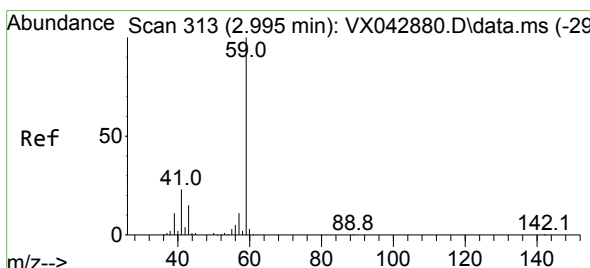
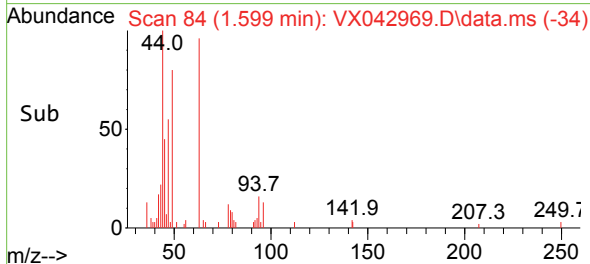
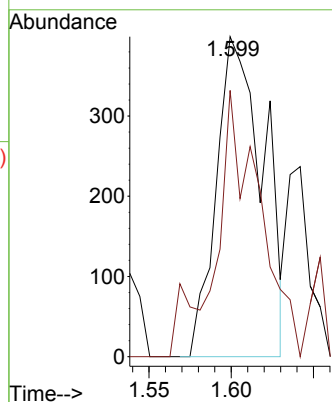
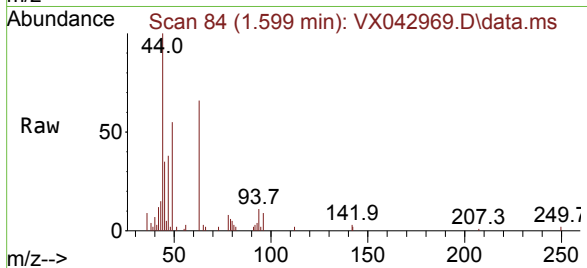
TB-02

Tgt Ion: 94 Resp: 793

Ion Ratio Lower Upper

94 100

96 62.2 74.6 111.8#



#11

Tert butyl alcohol

Concen: 0.316 ug/l

RT: 2.995 min Scan# 313

Delta R.T. -0.000 min

Lab File: VX042969.D

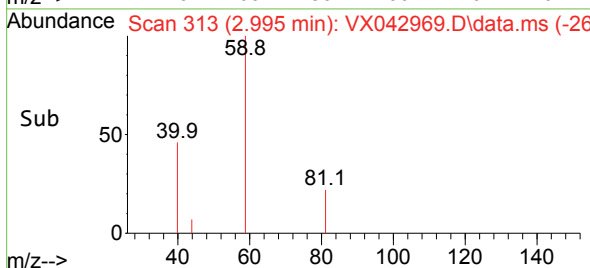
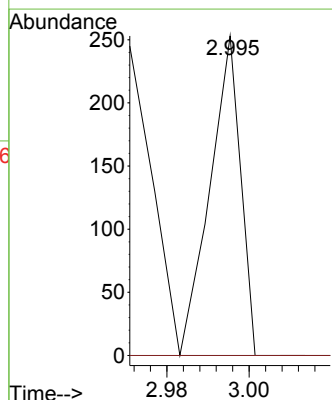
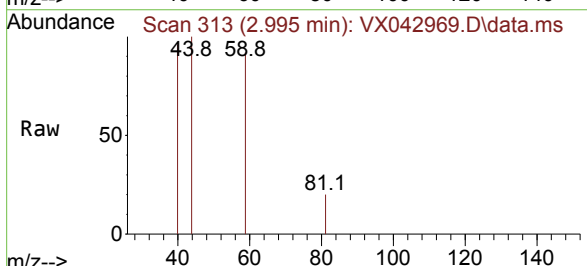
Acq: 09 Aug 2024 04:06

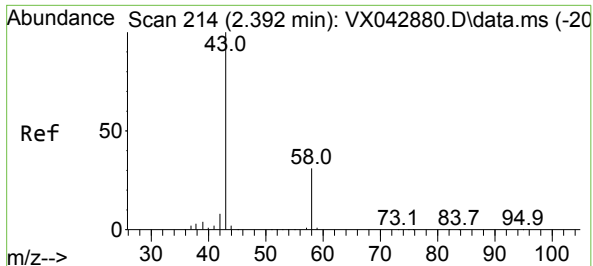
Tgt Ion: 59 Resp: 131

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#

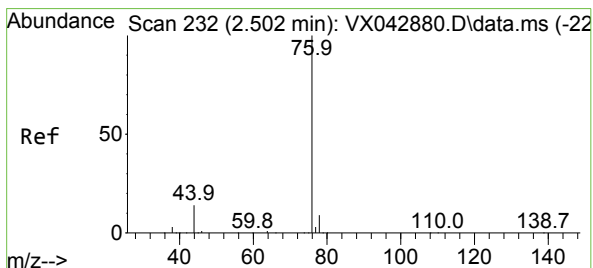
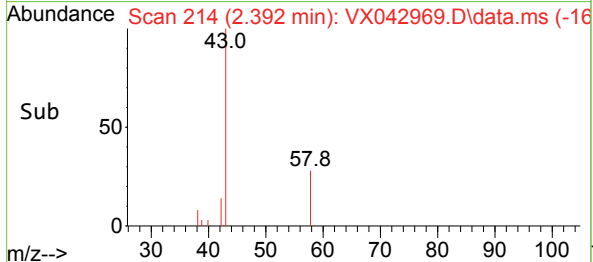
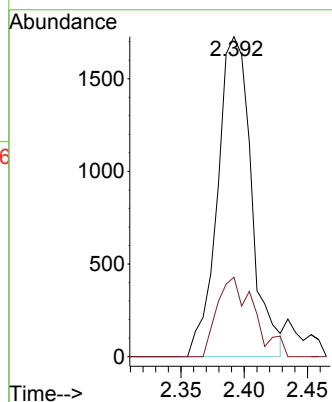
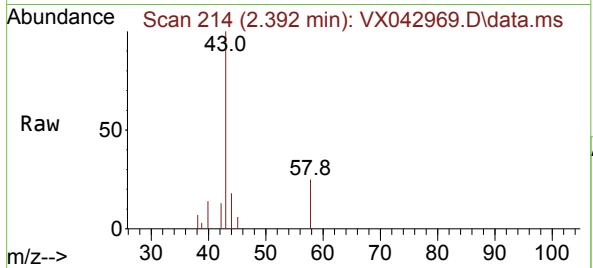




#16
Acetone
Concen: 3.562 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX042969.D
Acq: 09 Aug 2024 04:06

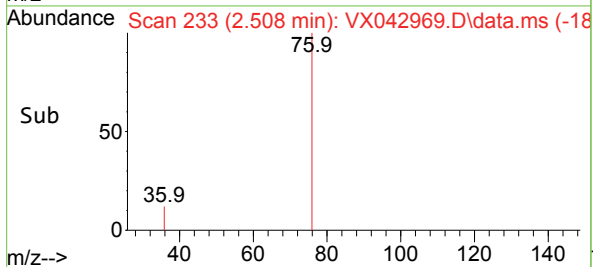
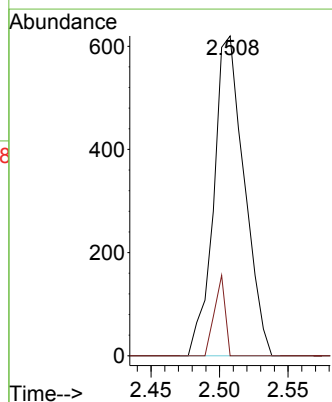
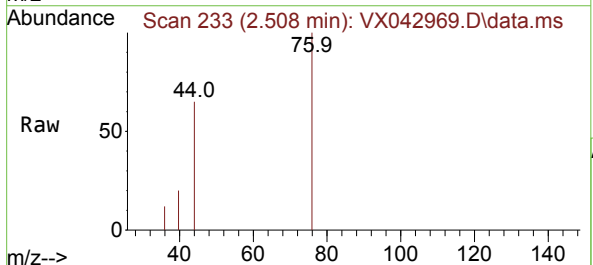
Instrument :
MSVOA_X
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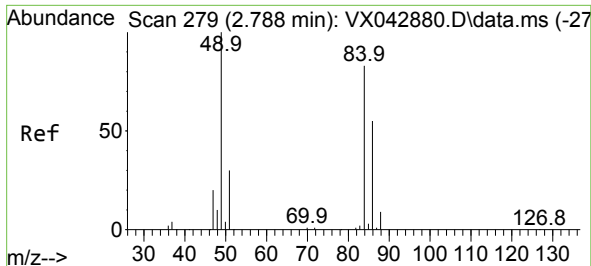
Tgt Ion: 43 Resp: 3222
Ion Ratio Lower Upper
43 100
58 24.8 21.9 32.9



#17
Carbon Disulfide
Concen: 0.235 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX042969.D
Acq: 09 Aug 2024 04:06

Tgt Ion: 76 Resp: 958
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

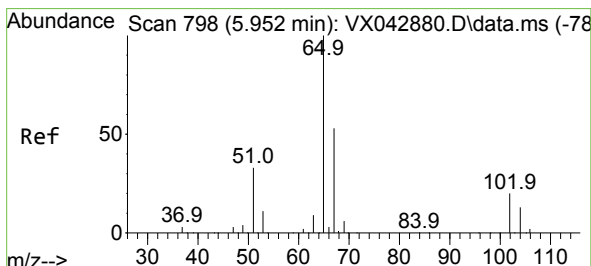
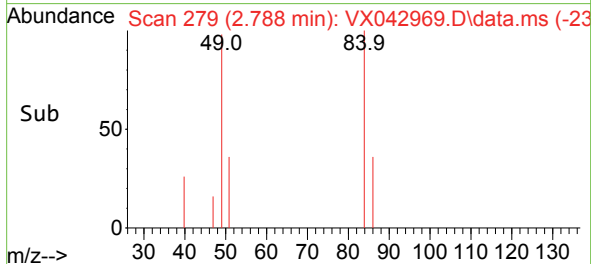
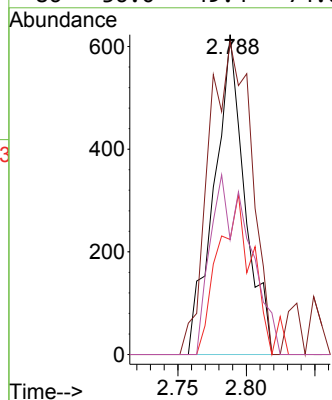
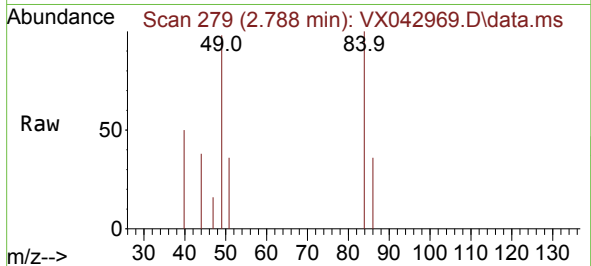




#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX042969.D
Acq: 09 Aug 2024 04:06

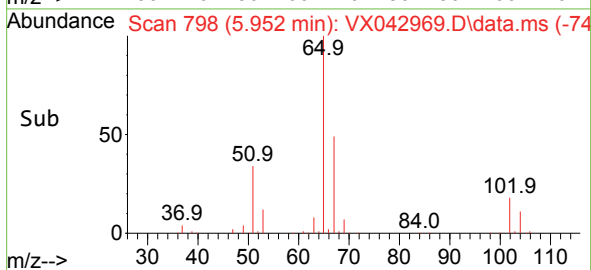
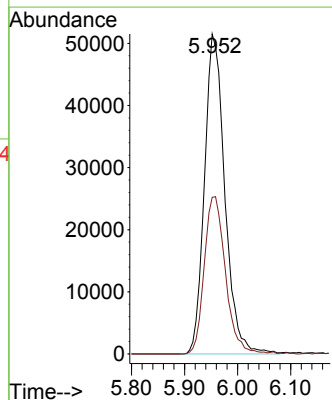
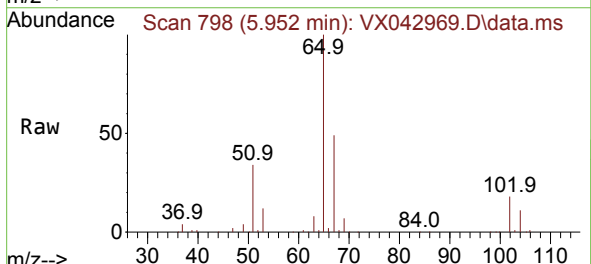
Instrument :
MSVOA_X
ClientSampleId :
TB-02

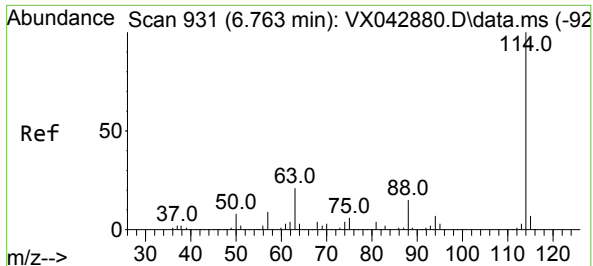
Tgt Ion: 84 Resp: 967
Ion Ratio Lower Upper
84 100
49 97.8 103.6 155.4#
51 36.0 33.8 50.6
86 36.0 49.4 74.0#



#33
1,2-Dichloroethane-d4
Concen: 65.931 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX042969.D
Acq: 09 Aug 2024 04:06

Tgt Ion: 65 Resp: 137482
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.2

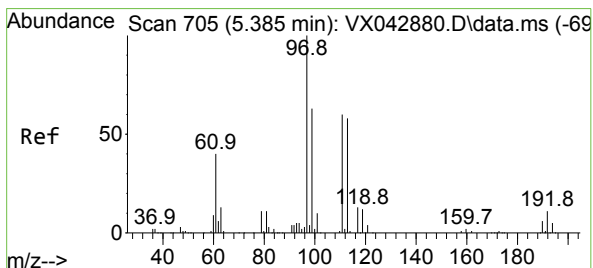
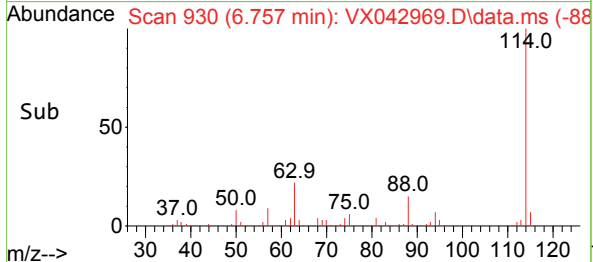
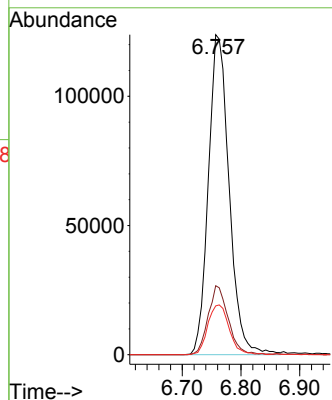
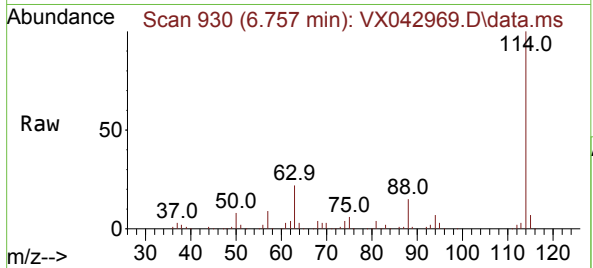




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX042969.D
Acq: 09 Aug 2024 04:06

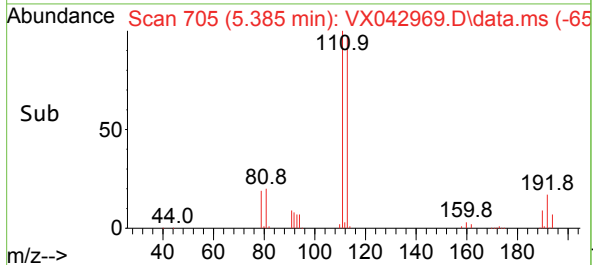
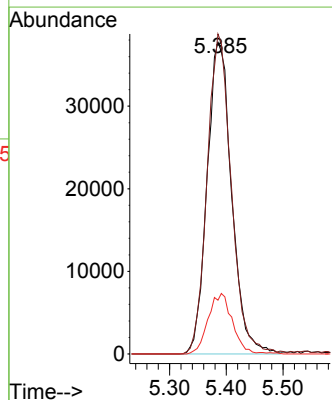
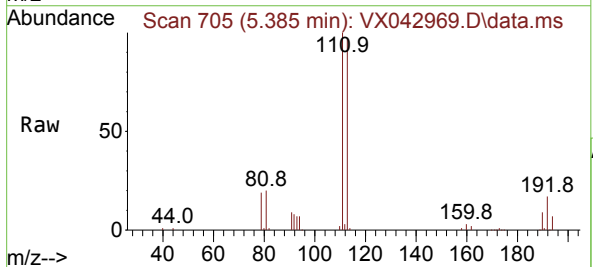
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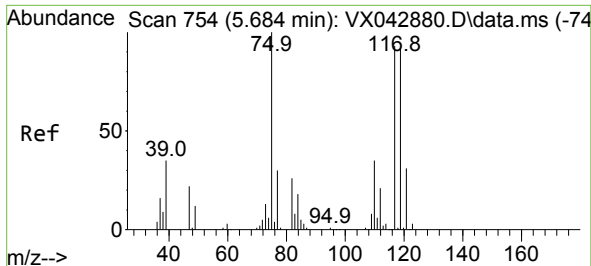
Tgt Ion:114 Resp: 304254
Ion Ratio Lower Upper
114 100
63 21.5 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 57.093 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX042969.D
Acq: 09 Aug 2024 04:06

Tgt Ion:113 Resp: 113578
Ion Ratio Lower Upper
113 100
111 101.2 82.9 124.3
192 19.2 13.3 19.9

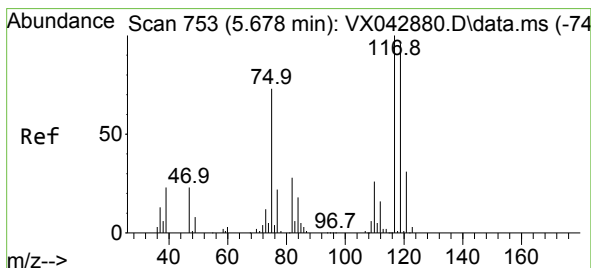
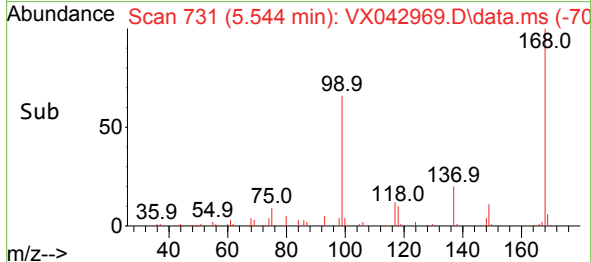
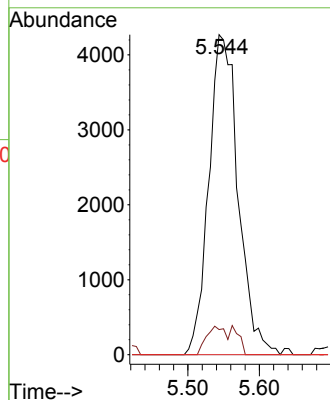
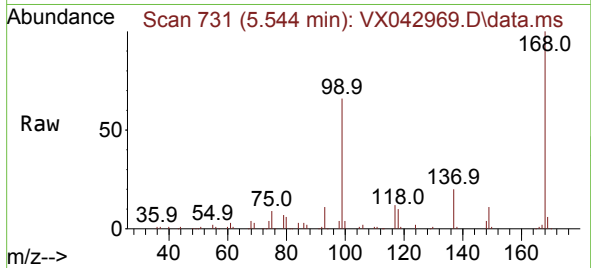




#36
1,1-Dichloropropene
Concen: 4.513 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX042969.D
Acq: 09 Aug 2024 04:06

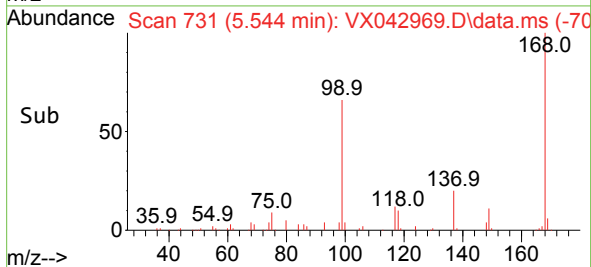
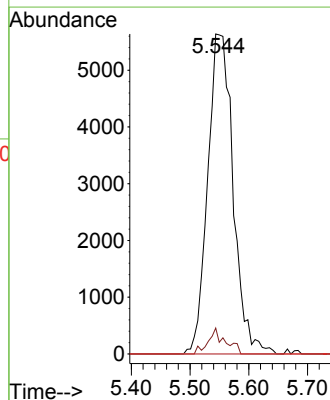
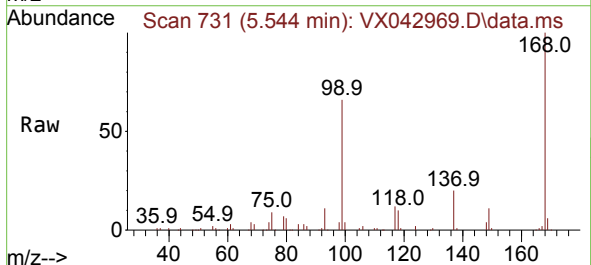
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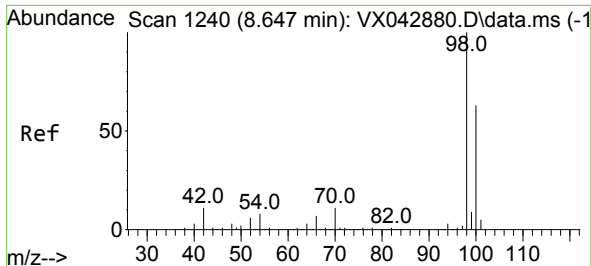
Tgt Ion: 75 Resp: 12173
Ion Ratio Lower Upper
75 100
110 5.8 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.569 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX042969.D
Acq: 09 Aug 2024 04:06

Tgt Ion: 117 Resp: 16956
Ion Ratio Lower Upper
117 100
119 8.1 78.2 117.2#
121 0.0 24.4 36.6#

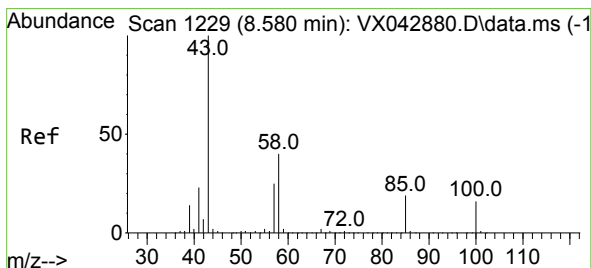
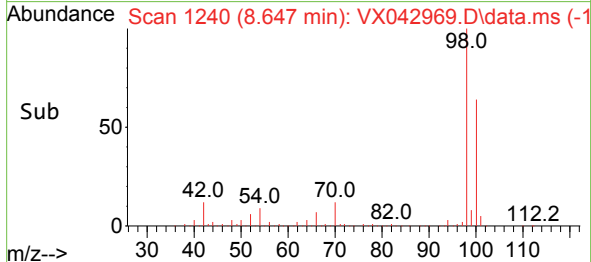
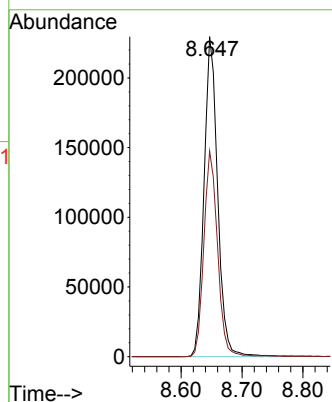
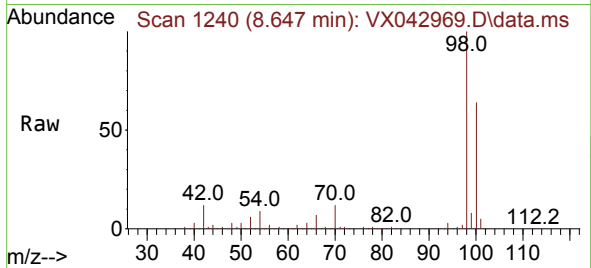




#50
Toluene-d8
Concen: 50.461 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042969.D
Acq: 09 Aug 2024 04:06

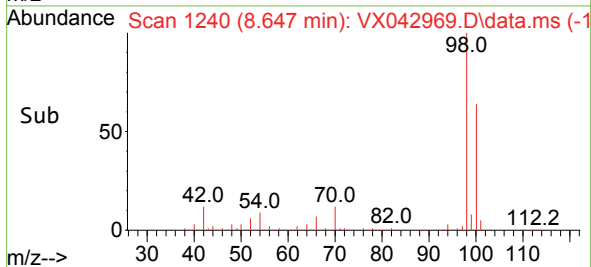
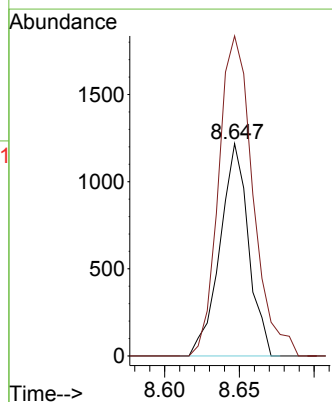
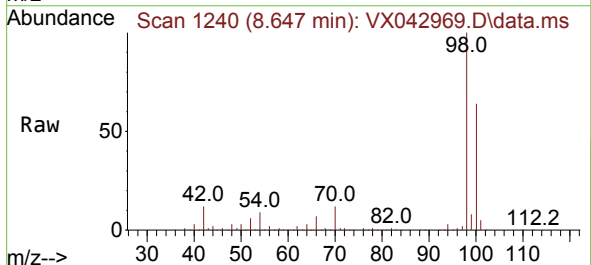
Instrument :
MSVOA_X
ClientSampleId :
TB-02

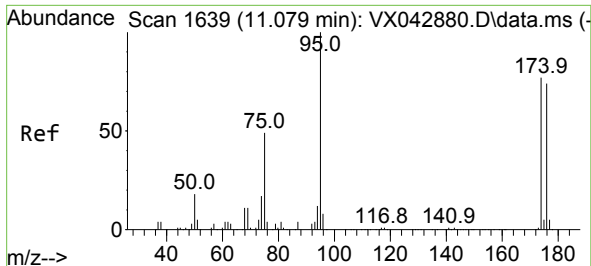
Tgt Ion: 98 Resp: 356370
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.484 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX042969.D
Acq: 09 Aug 2024 04:06

Tgt Ion: 43 Resp: 1618
Ion Ratio Lower Upper
43 100
58 181.3 30.4 45.6#

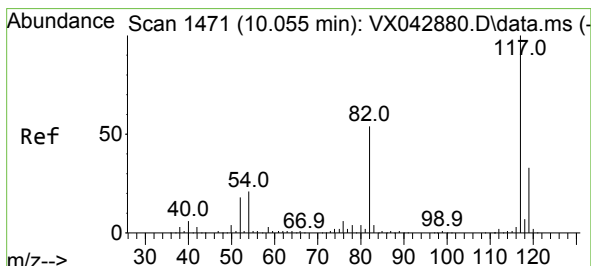
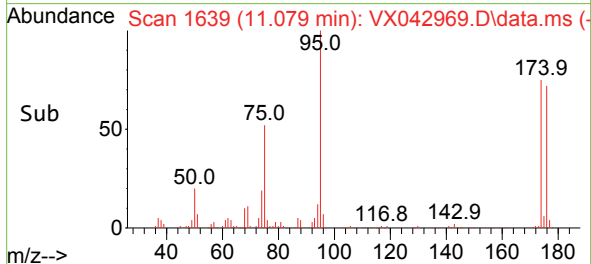
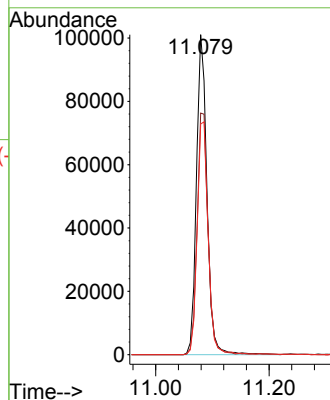
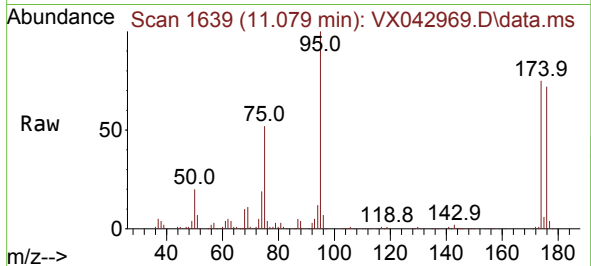




#62
4-Bromofluorobenzene
Concen: 51.236 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX042969.D
Acq: 09 Aug 2024 04:06

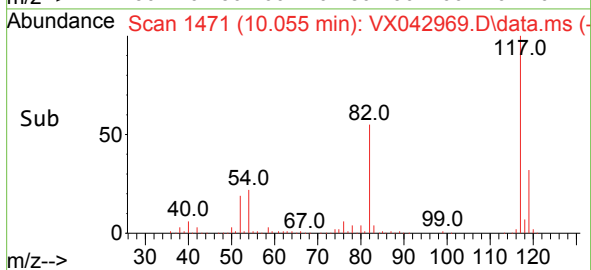
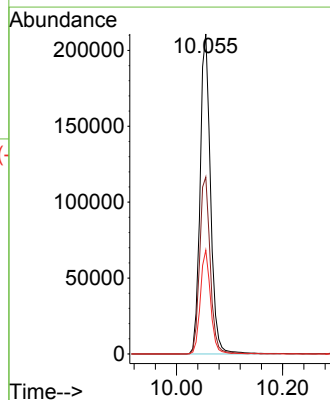
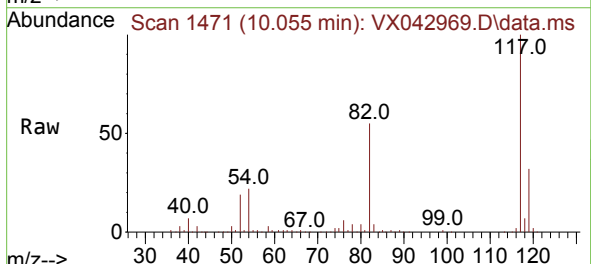
Instrument :
MSVOA_X
ClientSampleId :
TB-02

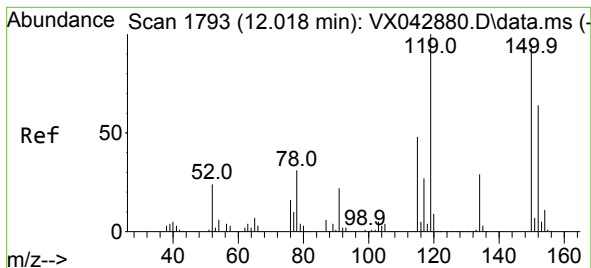
Tgt Ion: 95 Resp: 130026
Ion Ratio Lower Upper
95 100
174 78.1 0.0 135.6
176 76.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042969.D
Acq: 09 Aug 2024 04:06

Tgt Ion: 117 Resp: 288418
Ion Ratio Lower Upper
117 100
82 55.3 46.2 69.4
119 32.5 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX042969.D

Acq: 09 Aug 2024 04:06

Instrument :

MSVOA_X

ClientSampleId :

TB-02

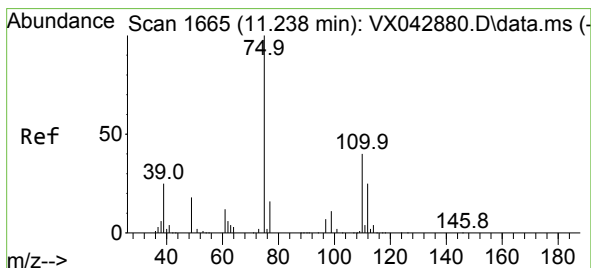
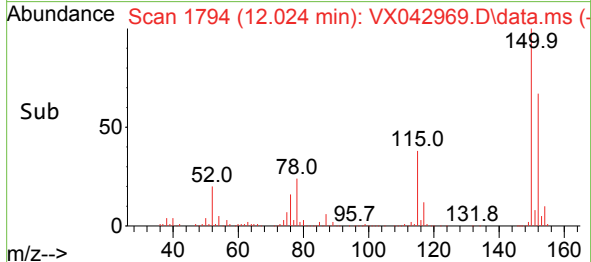
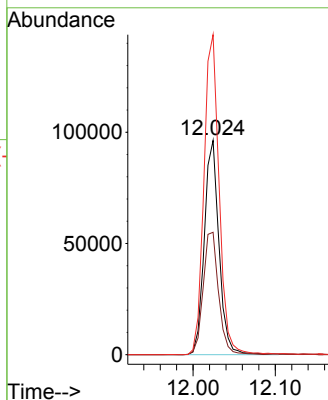
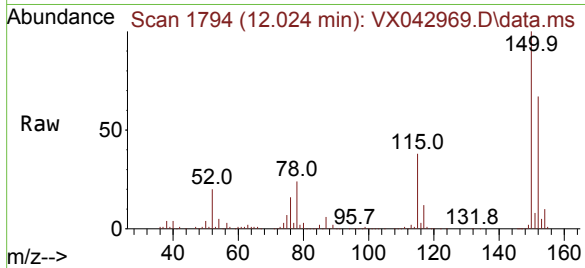
Tgt Ion:152 Resp: 119927

Ion Ratio Lower Upper

152 100

115 59.8 43.3 129.9

150 154.4 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 25.170 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX042969.D

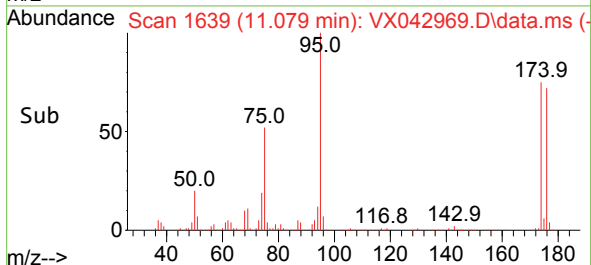
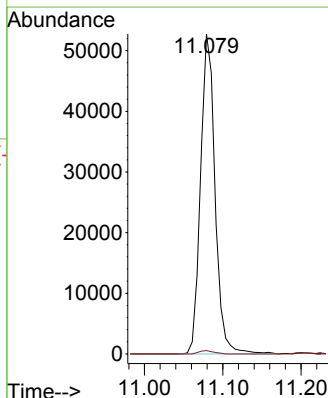
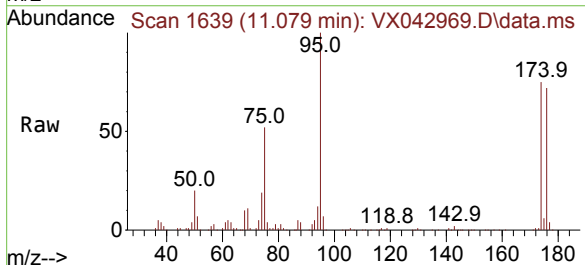
Acq: 09 Aug 2024 04:06

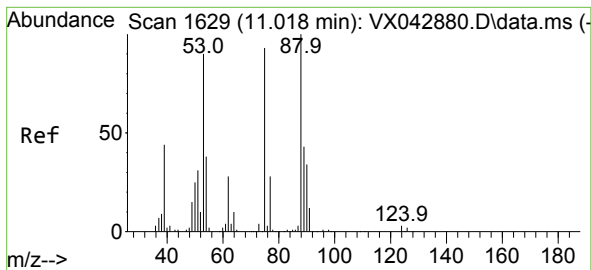
Tgt Ion: 75 Resp: 67886

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.840 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX042969.D
 Acq: 09 Aug 2024 04:06

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-02

Tgt Ion: 75 Resp: 67886
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

