

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042972.D
 Acq On : 09 Aug 2024 05:16
 Operator : JC/MD
 Sample : P3469-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-03

Quant Time: Aug 09 05:52:49 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)

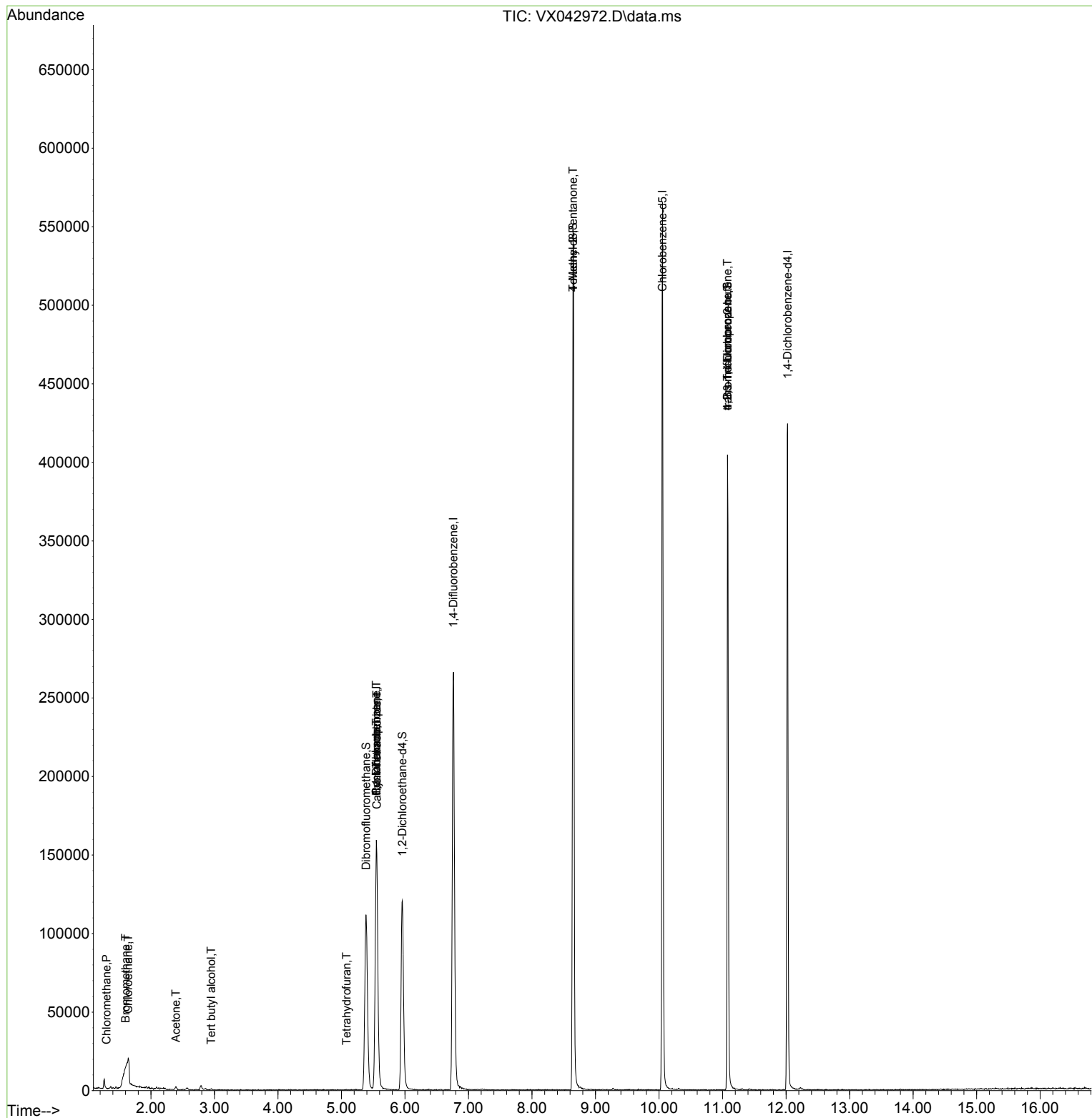
Internal Standards						
1) Pentafluorobenzene	5.550	168	148227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	282192	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	254047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	124069	60.972	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 121.940%#	
35) Dibromofluoromethane	5.385	113	101267	54.884	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.760%	
50) Toluene-d8	8.647	98	338694	51.707	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.420%	
62) 4-Bromofluorobenzene	11.079	95	108862	46.250	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.500%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	362	0.208	ug/l	97
5) Bromomethane	1.599	94	830	0.830	ug/l #	38
6) Chloroethane	1.642	64	326	0.346	ug/l #	43
11) Tert butyl alcohol	2.947	59	360	0.889	ug/l #	78
16) Acetone	2.392	43	1977	2.240	ug/l	98
20) Methylene Chloride	2.794	84	1593	Below Cal	#	58
29) Tetrahydrofuran	5.080	42	221	0.236	ug/l #	34
31) Cyclohexane	5.550	56	3299	1.296	ug/l #	54
36) 1,1-Dichloropropene	5.550	75	11566	4.623	ug/l #	51
38) Carbon Tetrachloride	5.556	117	15590	5.521	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1514	0.488	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	57326	27.337	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	57326	88.886	ug/l #	5

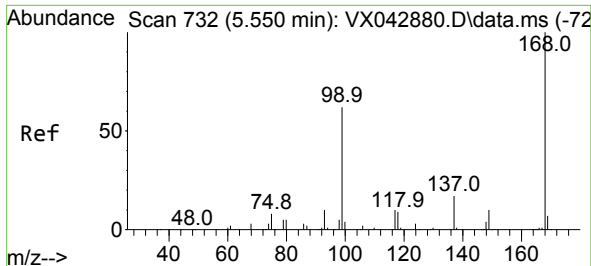
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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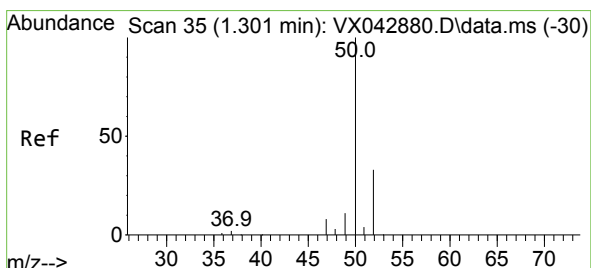
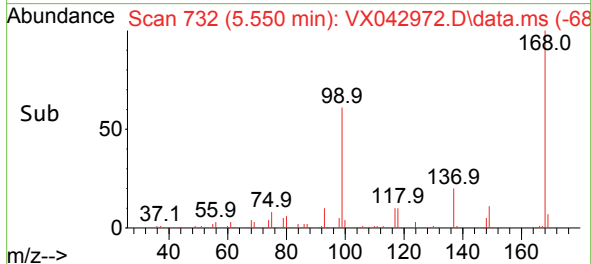
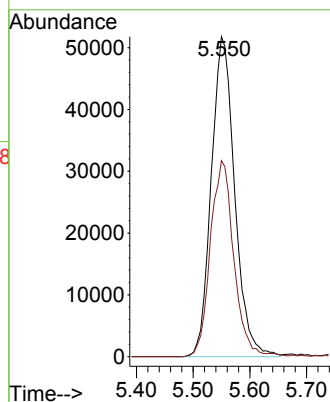
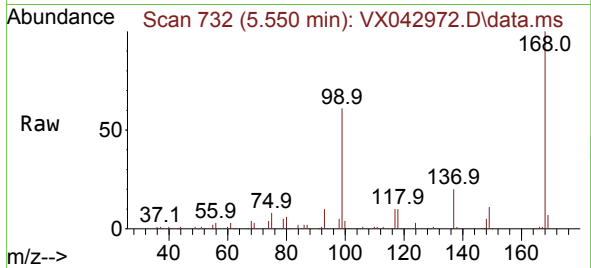




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042972.D
Acq: 09 Aug 2024 05:16

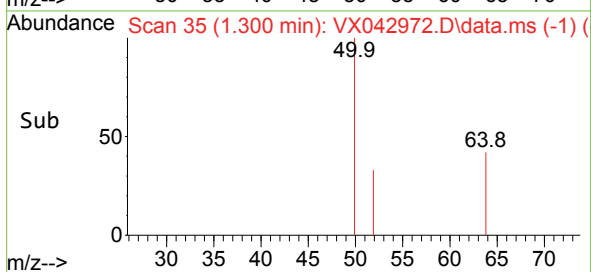
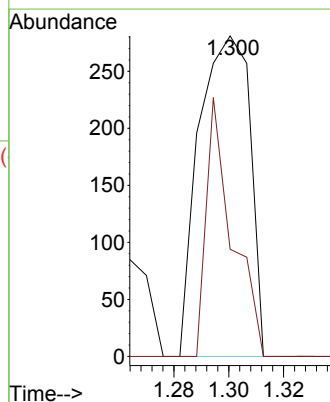
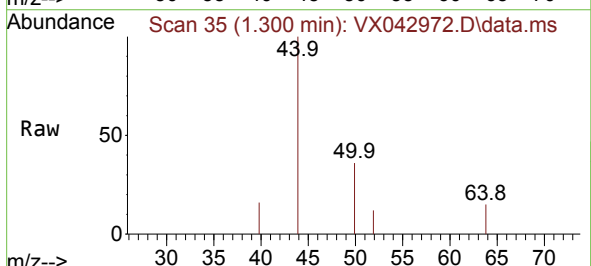
Instrument :
MSVOA_X
ClientSampleId :
TB-03

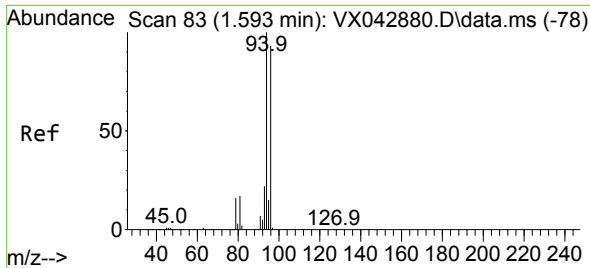
Tgt Ion:168 Resp: 148227
Ion Ratio Lower Upper
168 100
99 61.2 56.6 85.0



#3
Chloromethane
Concen: 0.208 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX042972.D
Acq: 09 Aug 2024 05:16

Tgt Ion: 50 Resp: 362
Ion Ratio Lower Upper
50 100
52 33.5 25.5 38.3

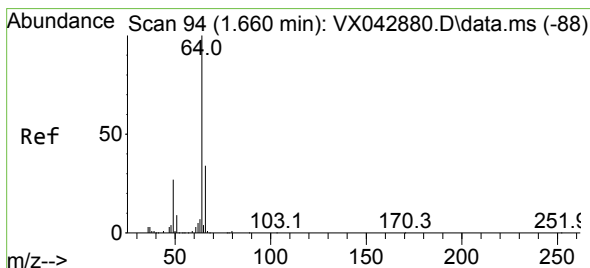
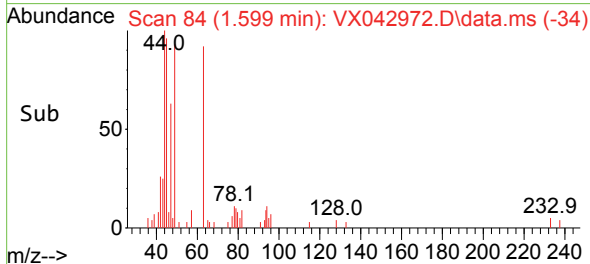
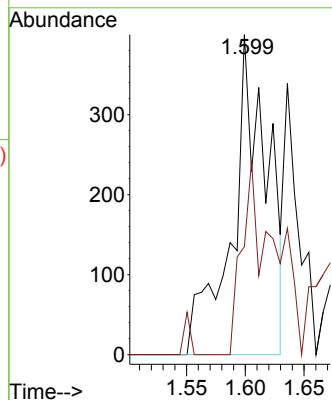
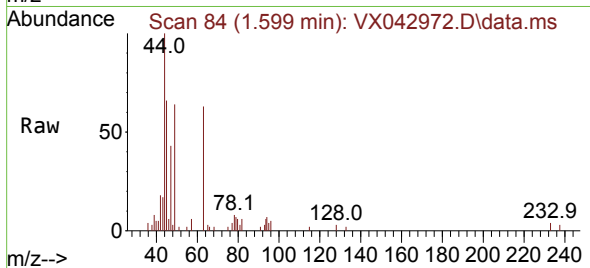




#5
Bromomethane
Concen: 0.830 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX042972.D
Acq: 09 Aug 2024 05:16

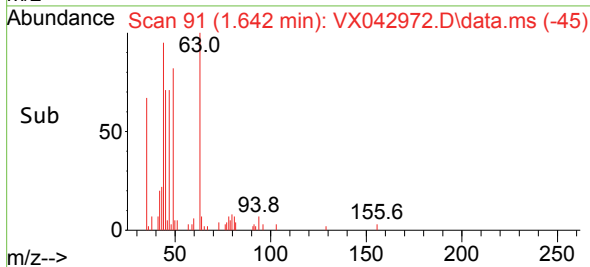
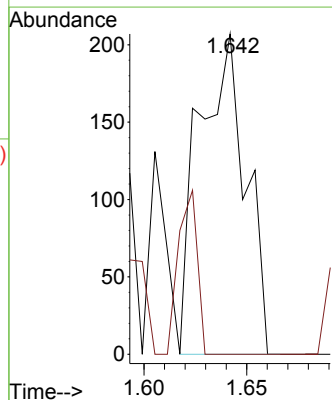
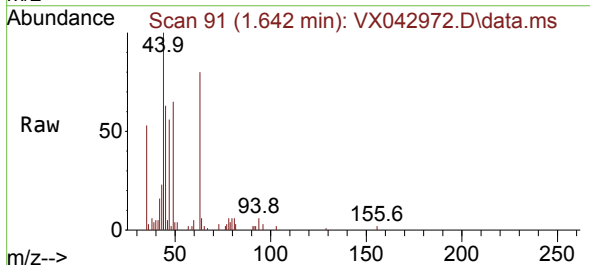
Instrument :
MSVOA_X
ClientSampleId :
TB-03

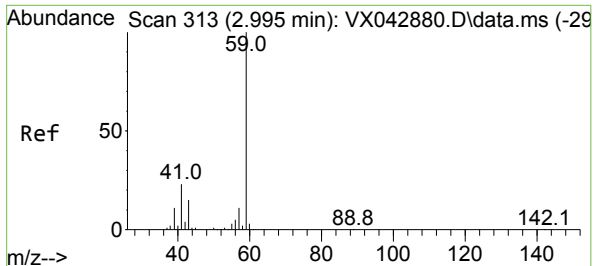
Tgt Ion: 94 Resp: 830
Ion Ratio Lower Upper
94 100
96 33.8 74.6 111.8#



#6
Chloroethane
Concen: 0.346 ug/l
RT: 1.642 min Scan# 91
Delta R.T. -0.018 min
Lab File: VX042972.D
Acq: 09 Aug 2024 05:16

Tgt Ion: 64 Resp: 326
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 0.889 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.049 min

Lab File: VX042972.D

Acq: 09 Aug 2024 05:16

Instrument :

MSVOA_X

ClientSampleId :

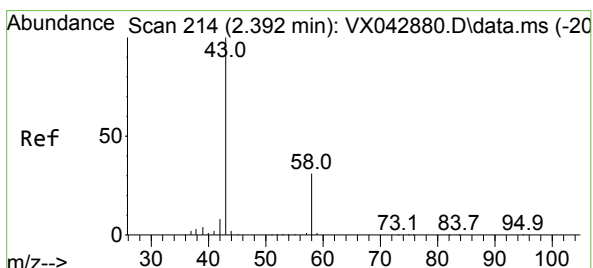
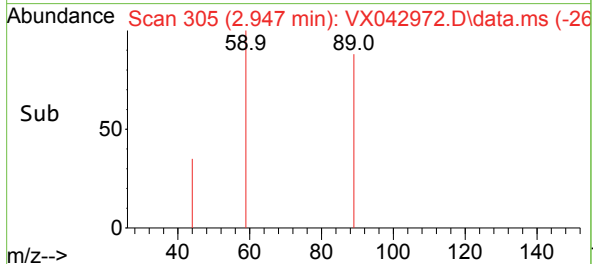
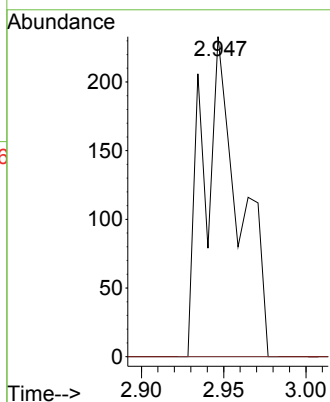
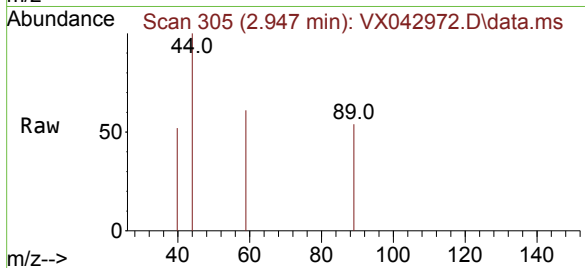
TB-03

Tgt Ion: 59 Resp: 360

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 2.240 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX042972.D

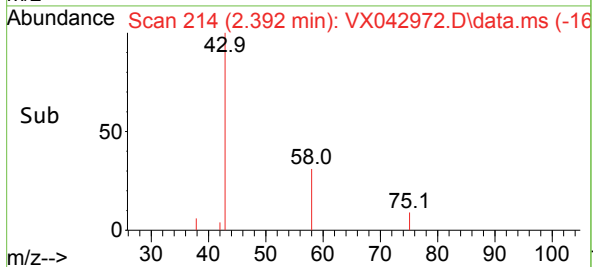
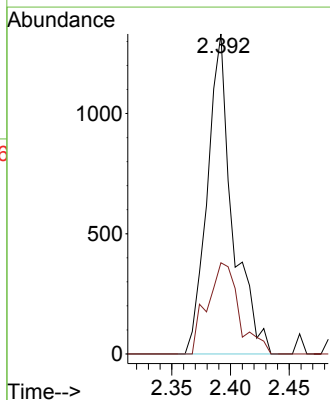
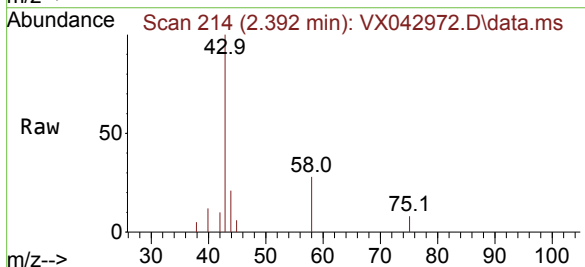
Acq: 09 Aug 2024 05:16

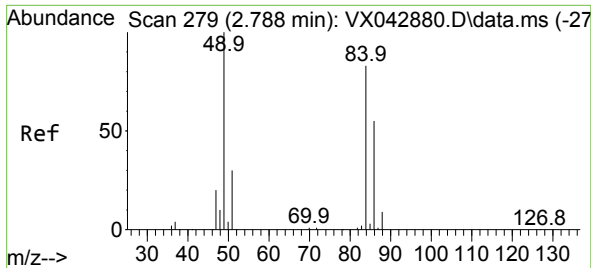
Tgt Ion: 43 Resp: 1977

Ion Ratio Lower Upper

43 100

58 28.5 21.9 32.9

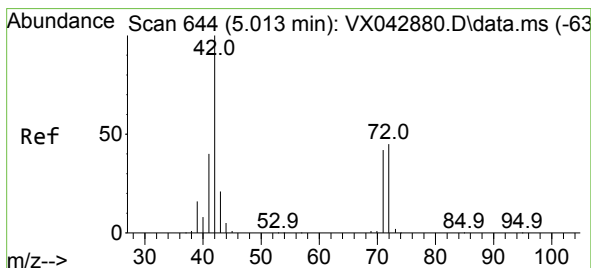
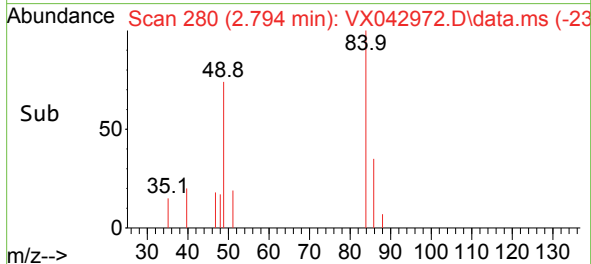
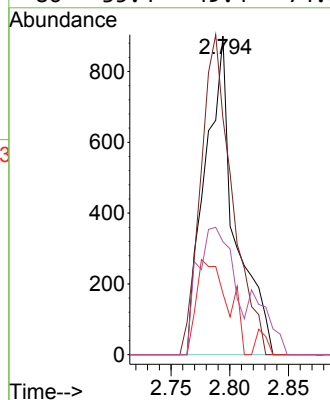
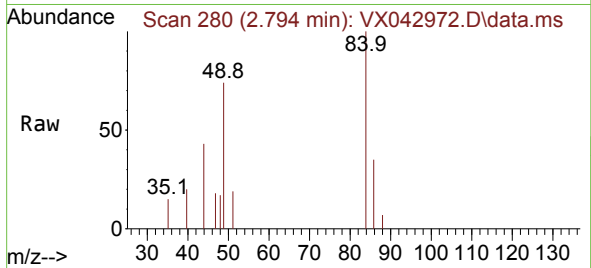




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX042972.D
Acq: 09 Aug 2024 05:16

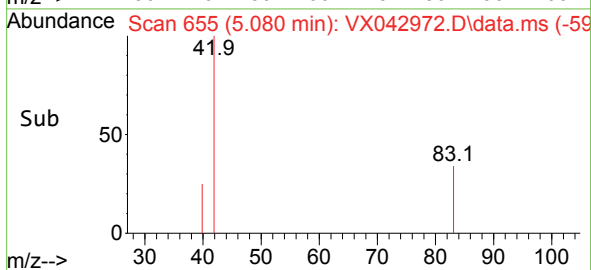
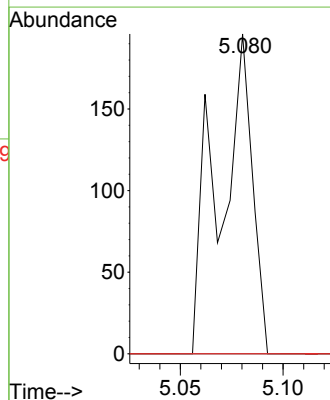
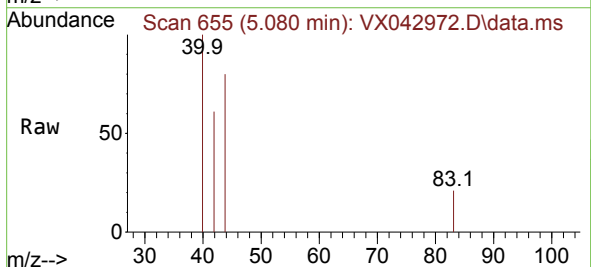
Instrument :
MSVOA_X
ClientSampleId :
TB-03

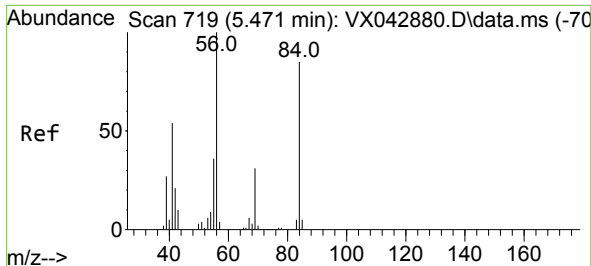
Tgt Ion:	84	Resp:	1593
Ion	Ratio	Lower	Upper
84	100		
49	74.2	103.6	155.4#
51	19.2	33.8	50.6#
86	35.4	49.4	74.0#



#29
Tetrahydrofuran
Concen: 0.236 ug/l
RT: 5.080 min Scan# 655
Delta R.T. 0.067 min
Lab File: VX042972.D
Acq: 09 Aug 2024 05:16

Tgt Ion:	42	Resp:	221
Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.2	51.4#
71	0.0	32.2	48.2#

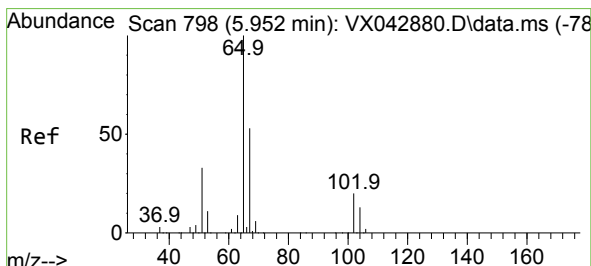
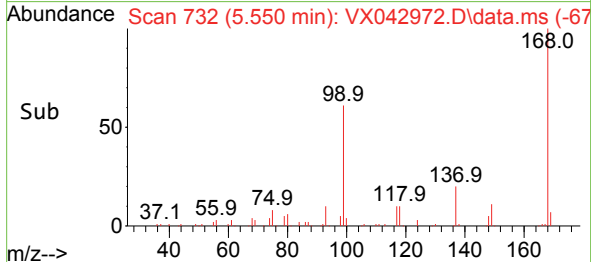
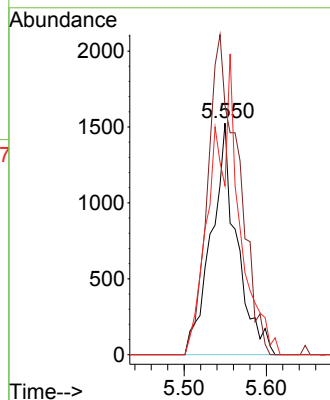
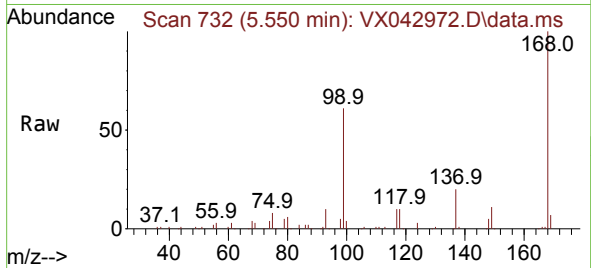




#31
Cyclohexane
Concen: 1.296 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX042972.D
Acq: 09 Aug 2024 05:16

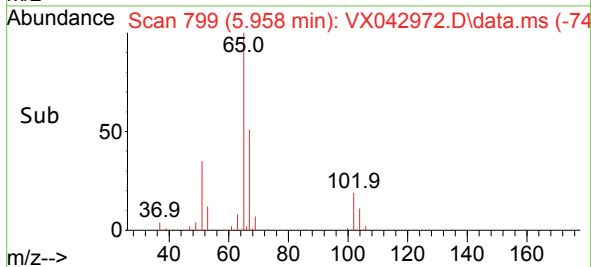
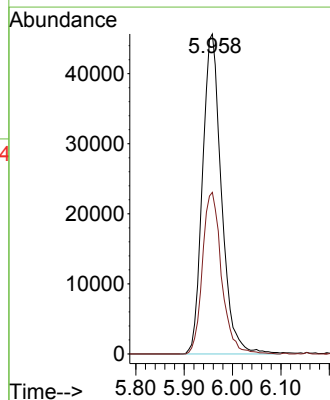
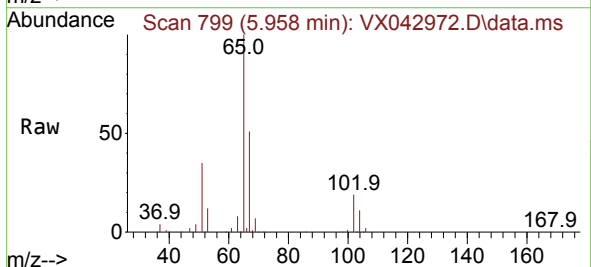
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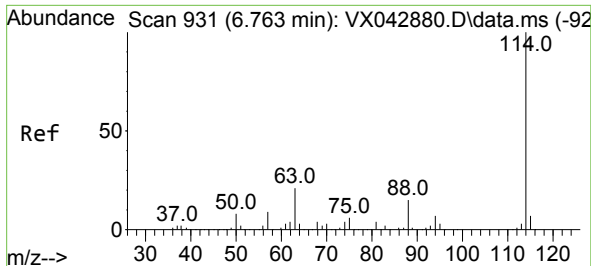
Tgt Ion: 56 Resp: 3299
Ion Ratio Lower Upper
56 100
69 107.6 23.4 35.2#
84 73.0 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 60.972 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX042972.D
Acq: 09 Aug 2024 05:16

Tgt Ion: 65 Resp: 124069
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.2

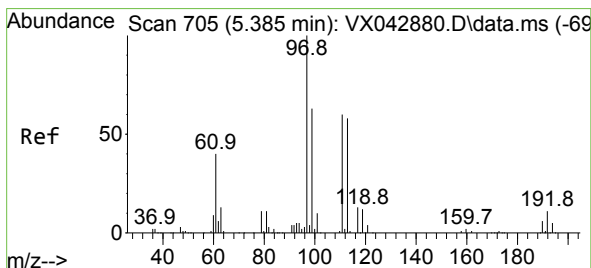
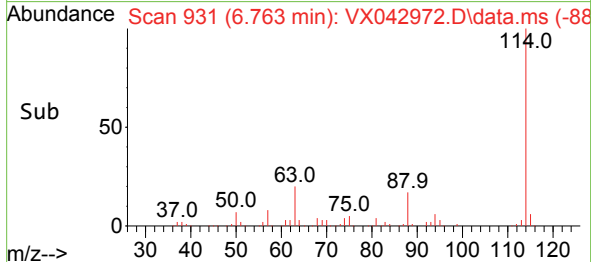
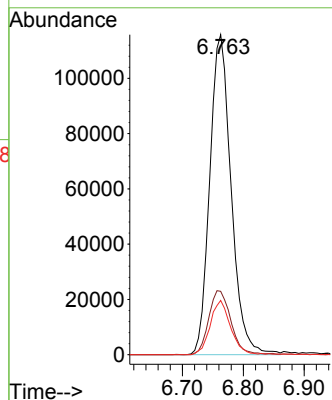
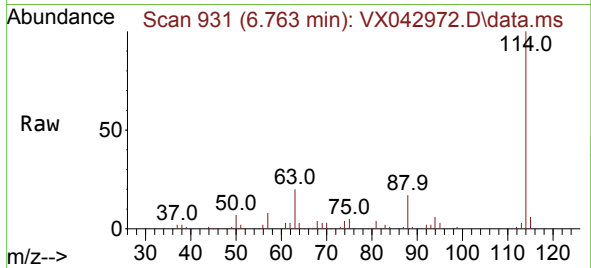




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX042972.D
Acq: 09 Aug 2024 05:16

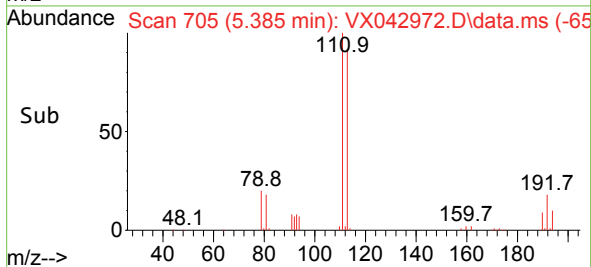
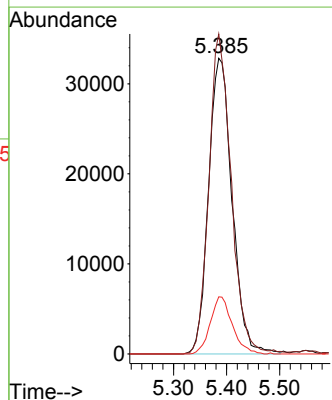
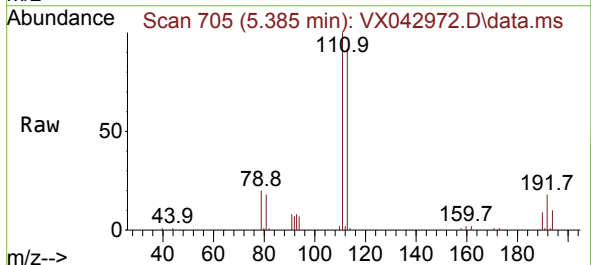
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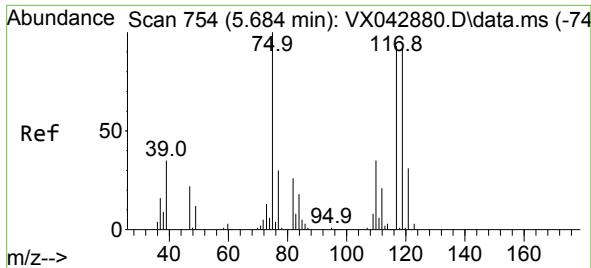
Tgt Ion:114 Resp: 282192
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 16.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 54.884 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX042972.D
Acq: 09 Aug 2024 05:16

Tgt Ion:113 Resp: 101267
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 18.1 13.3 19.9

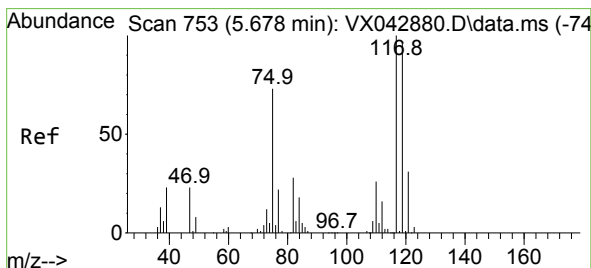
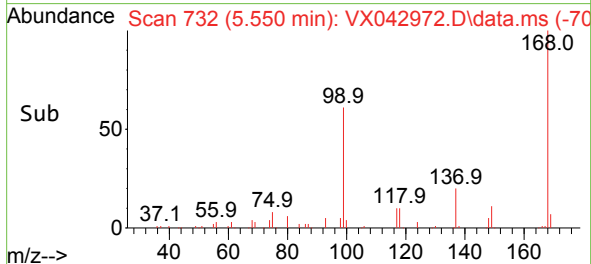
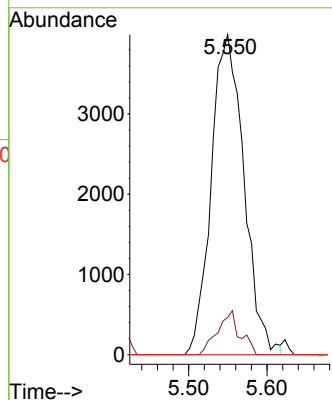
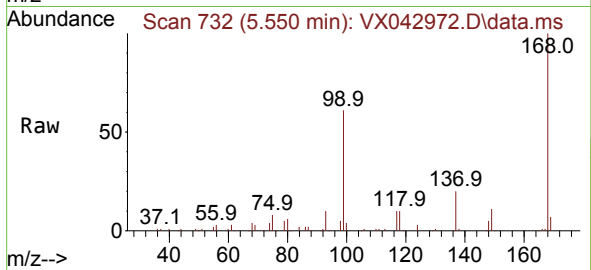




#36
1,1-Dichloropropene
Concen: 4.623 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX042972.D
Acq: 09 Aug 2024 05:16

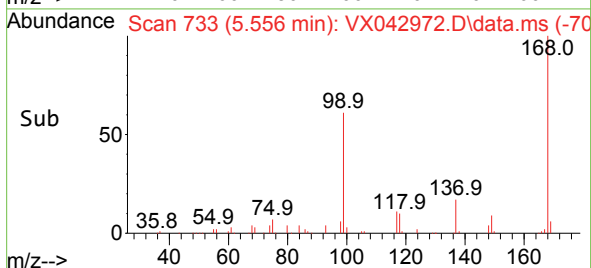
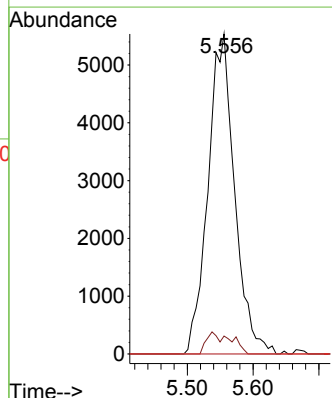
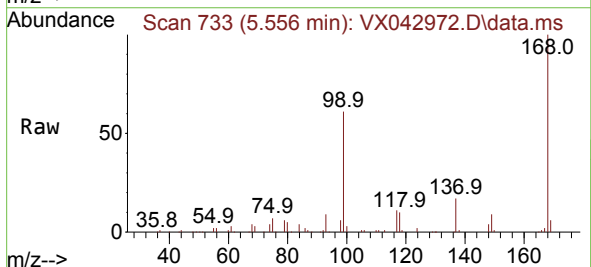
Instrument :
MSVOA_X
ClientSampleId :
TB-03

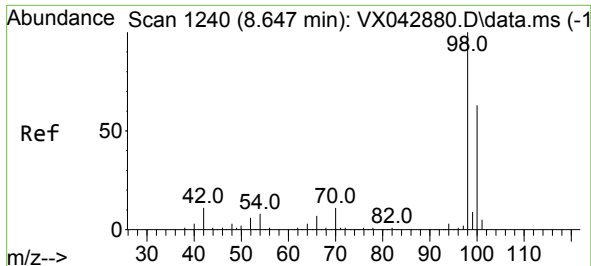
Tgt Ion: 75 Resp: 11566
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.521 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX042972.D
Acq: 09 Aug 2024 05:16

Tgt Ion: 117 Resp: 15590
Ion Ratio Lower Upper
117 100
119 5.6 78.2 117.2#
121 0.0 24.4 36.6#

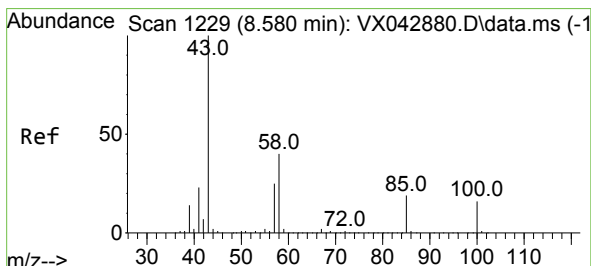
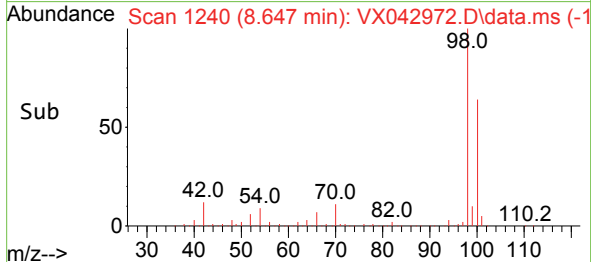
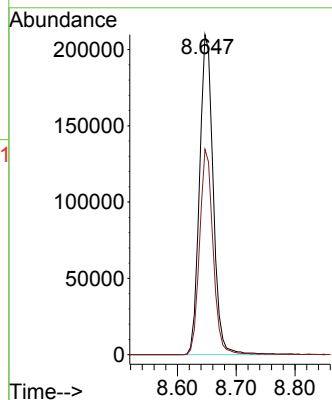
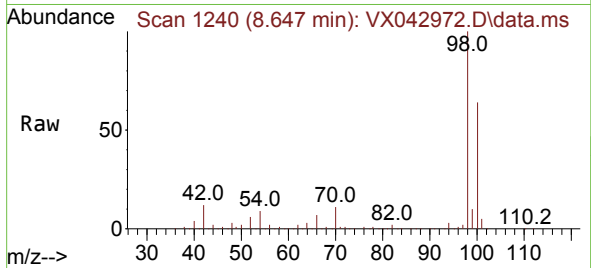




#50
Toluene-d8
Concen: 51.707 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042972.D
Acq: 09 Aug 2024 05:16

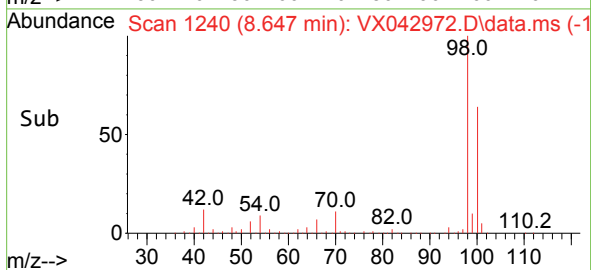
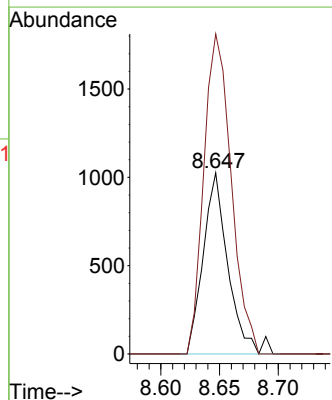
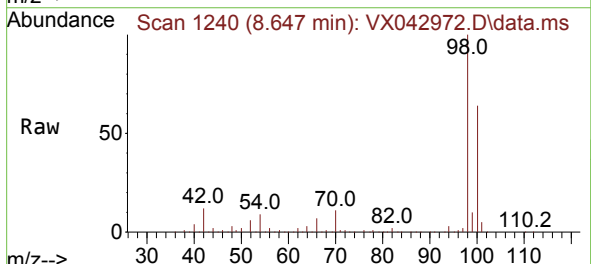
Instrument :
MSVOA_X
ClientSampleId :
TB-03

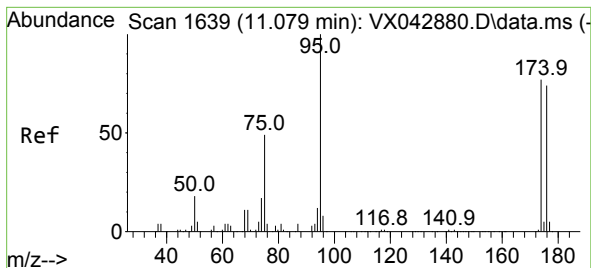
Tgt Ion: 98 Resp: 338694
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.488 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX042972.D
Acq: 09 Aug 2024 05:16

Tgt Ion: 43 Resp: 1514
Ion Ratio Lower Upper
43 100
58 194.3 30.4 45.6#

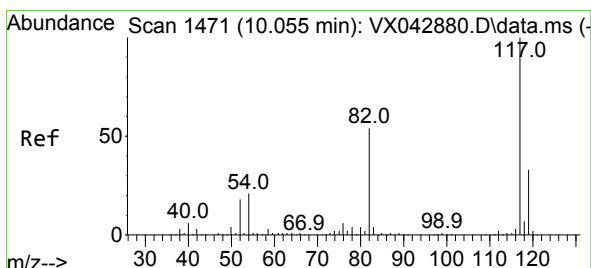
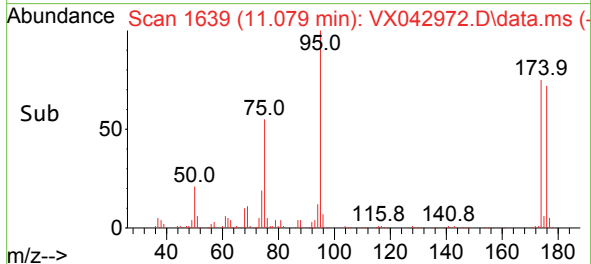
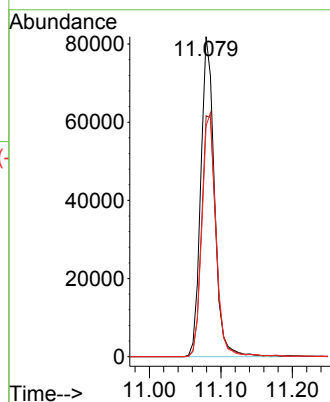
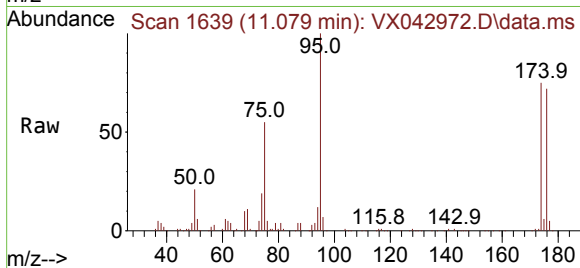




#62
4-Bromofluorobenzene
Concen: 46.250 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX042972.D
Acq: 09 Aug 2024 05:16

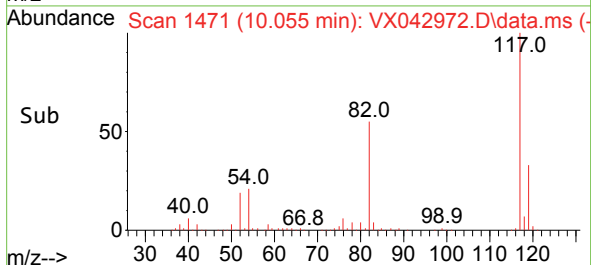
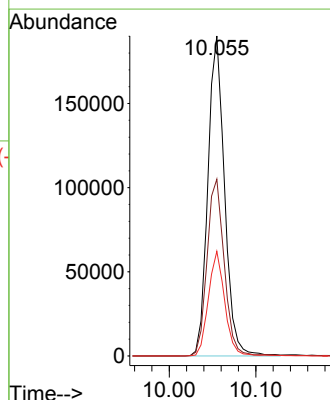
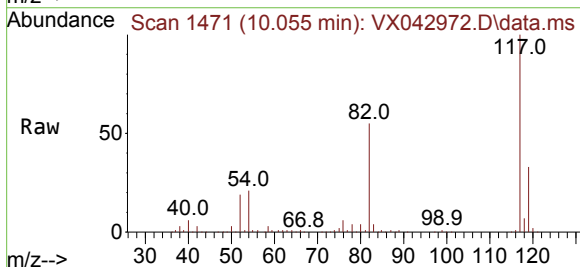
Instrument :
MSVOA_X
ClientSampleId :
TB-03

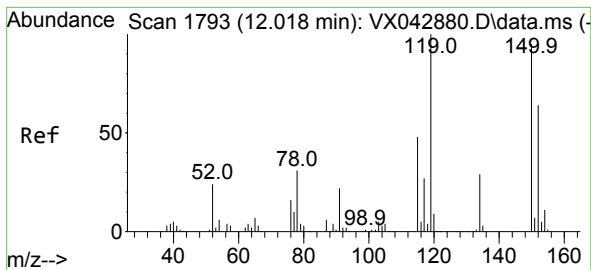
Tgt Ion: 95 Resp: 108862
Ion Ratio Lower Upper
95 100
174 79.0 0.0 135.6
176 78.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042972.D
Acq: 09 Aug 2024 05:16

Tgt Ion: 117 Resp: 254047
Ion Ratio Lower Upper
117 100
82 55.2 46.2 69.4
119 32.7 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: VX042972.D

Acq: 09 Aug 2024 05:16

Instrument :

MSVOA_X

ClientSampleId :

TB-03

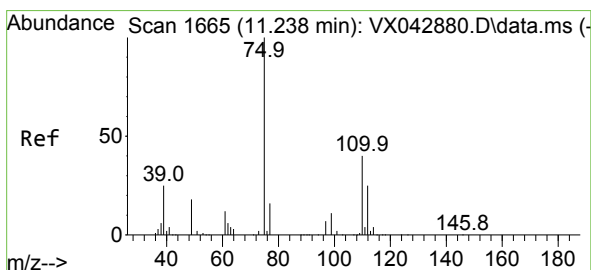
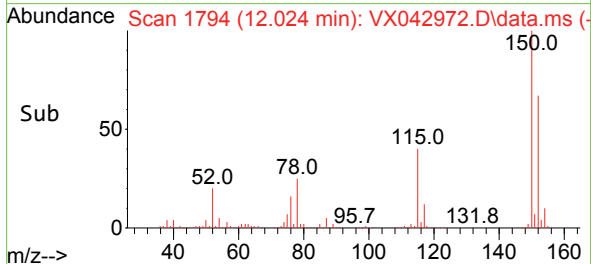
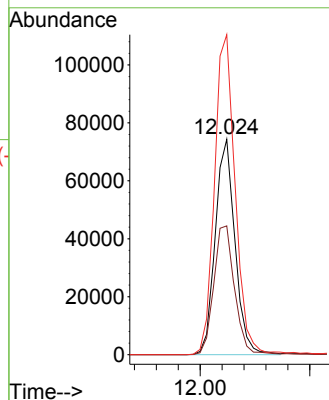
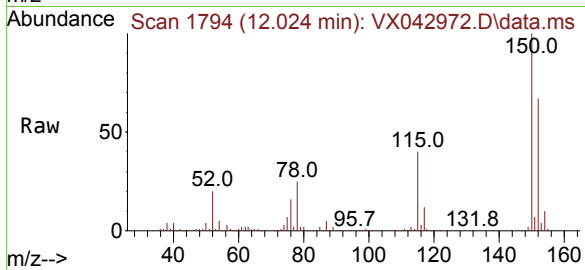
Tgt Ion:152 Resp: 93244

Ion Ratio Lower Upper

152 100

115 63.2 43.3 129.9

150 155.8 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 27.337 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX042972.D

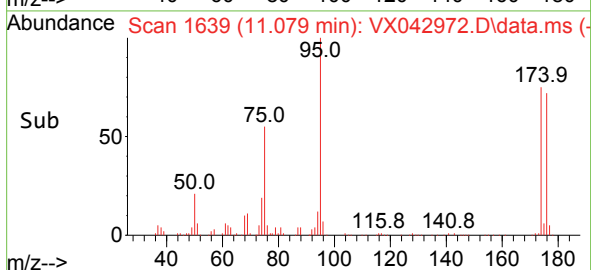
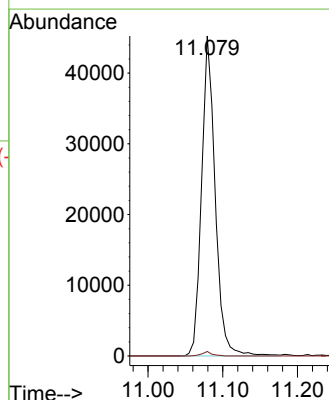
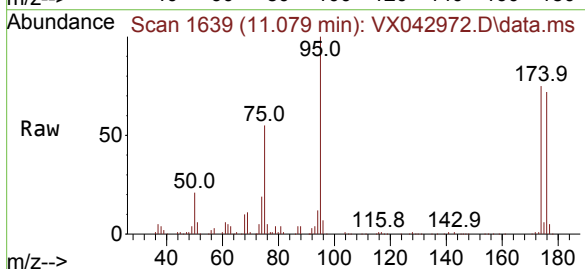
Acq: 09 Aug 2024 05:16

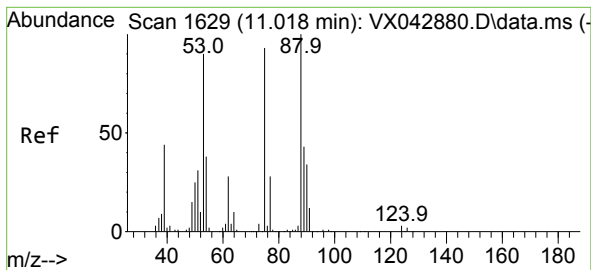
Tgt Ion: 75 Resp: 57326

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.886 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX042972.D
 Acq: 09 Aug 2024 05:16

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-03

Tgt Ion: 75 Resp: 57326
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

