

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080924\
 Data File : VX042992.D
 Acq On : 09 Aug 2024 13:29
 Operator : JC/MD
 Sample : P3514-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-080724

Quant Time: Aug 09 16:27:25 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)

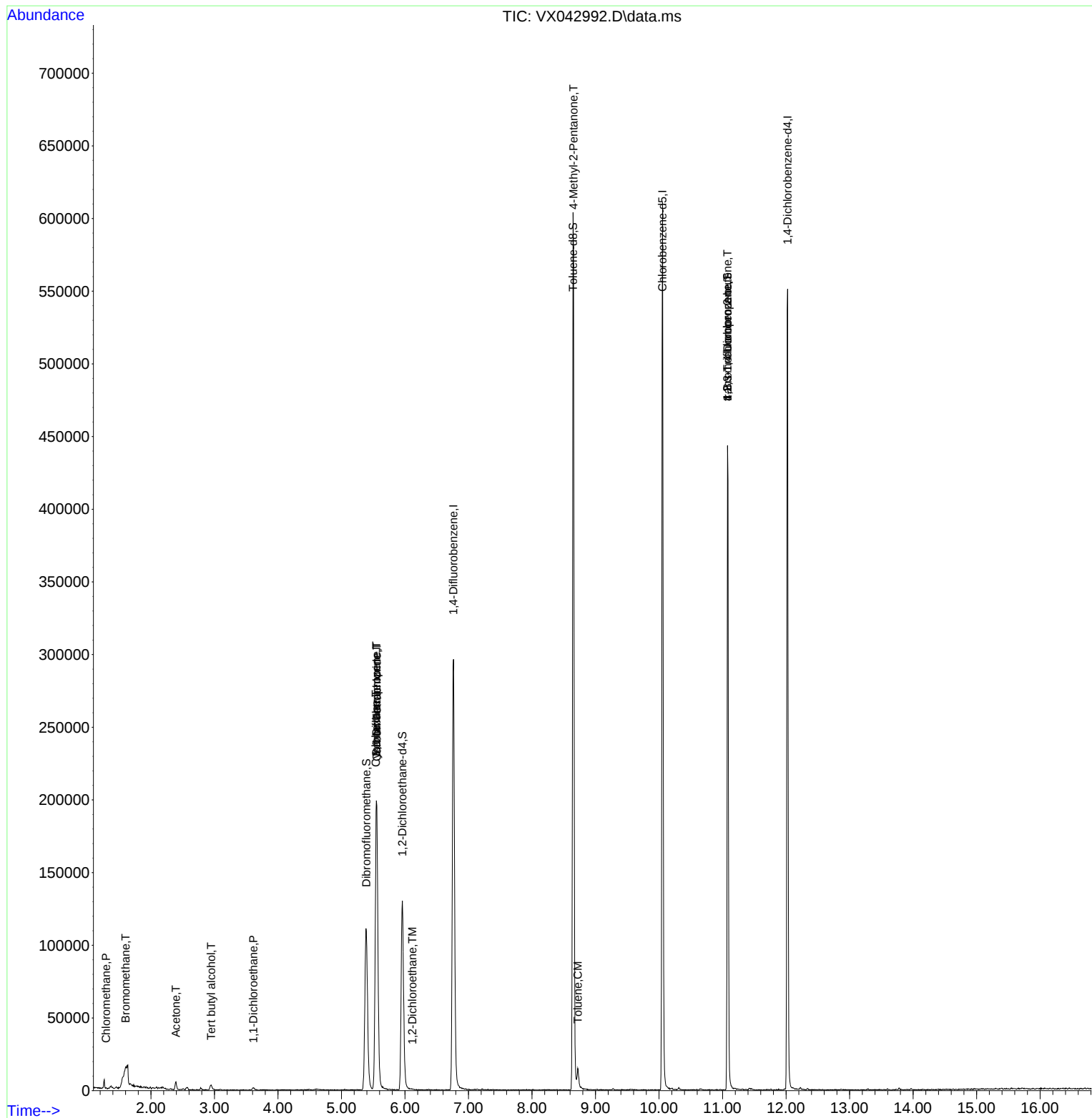
Internal Standards						
1) Pentafluorobenzene	5.550	168	191698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	306856	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	272058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118941	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	131417	49.937	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.880%
35) Dibromofluoromethane	5.391	113	100190	49.936	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.880%
50) Toluene-d8	8.647	98	376914	52.917	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.840%
62) 4-Bromofluorobenzene	11.079	95	120102	46.924	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.840%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	493	0.219	ug/l	91
5) Bromomethane	1.599	94	852	0.659	ug/l	96
11) Tert butyl alcohol	2.947	59	2372	4.531	ug/l #	78
16) Acetone	2.392	43	6124	5.365	ug/l	94
20) Methylene Chloride	2.794	84	557	Below Cal		91
24) 1,1-Dichloroethane	3.611	63	1908	0.473	ug/l #	83
31) Cyclohexane	5.544	56	3982	1.209	ug/l #	41
36) 1,1-Dichloropropene	5.550	75	15593	5.732	ug/l #	51
38) Carbon Tetrachloride	5.556	117	19992	6.511	ug/l #	14
42) 1,2-Dichloroethane	6.117	62	761	0.248	ug/l #	77
51) 4-Methyl-2-Pentanone	8.653	43	1529	0.453	ug/l #	1
52) Toluene	8.720	92	5424	1.059	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	63435	23.714	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	63435	77.108	ug/l #	5

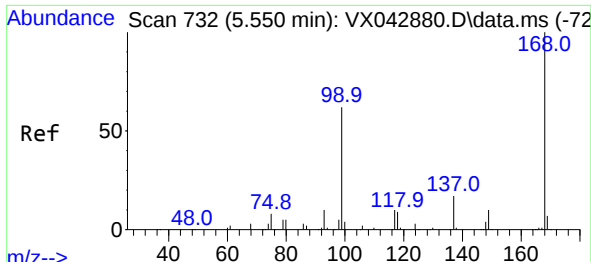
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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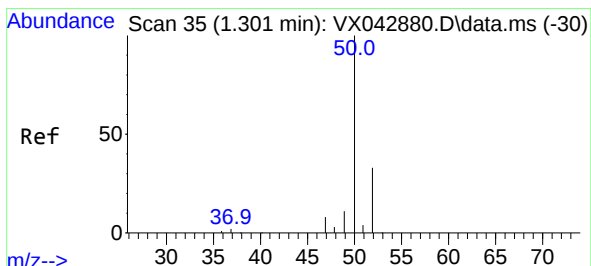
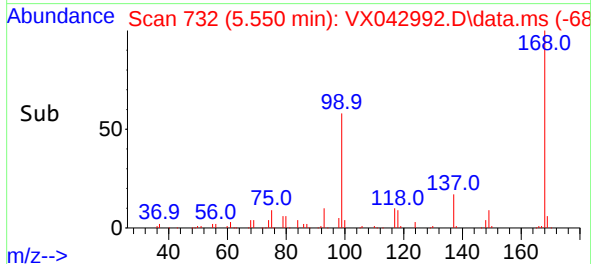
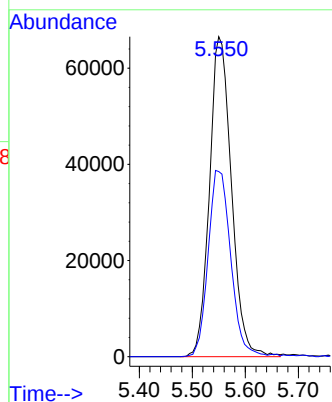
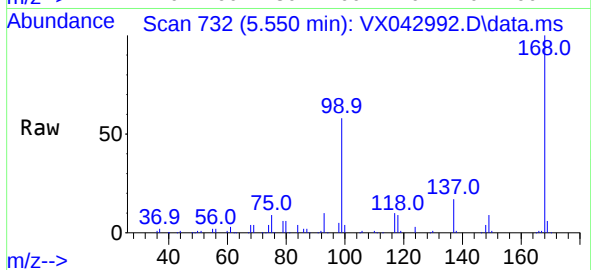




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042992.D
Acq: 09 Aug 2024 13:29

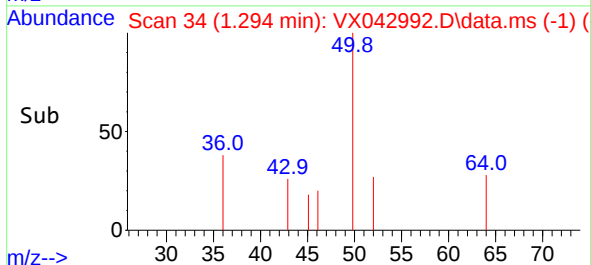
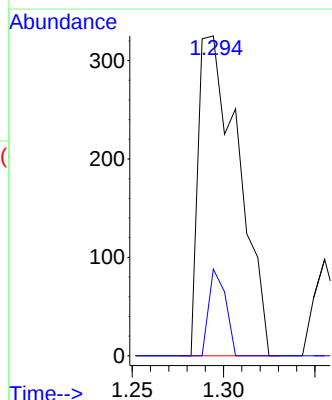
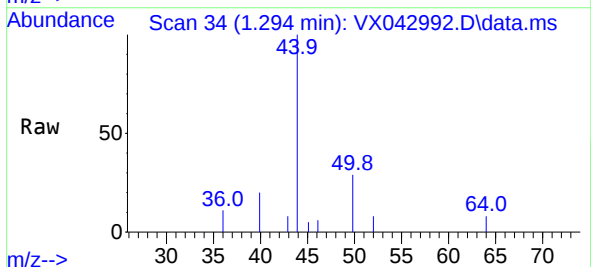
Instrument :
MSVOA_X
ClientSampleId :
TB-01-080724

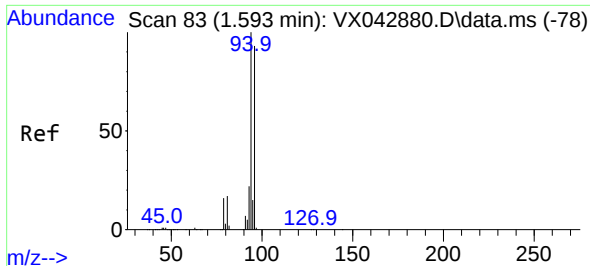
Tgt Ion:168 Resp: 191698
Ion Ratio Lower Upper
168 100
99 57.8 56.6 85.0



#3
Chloromethane
Concen: 0.219 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX042992.D
Acq: 09 Aug 2024 13:29

Tgt Ion: 50 Resp: 493
Ion Ratio Lower Upper
50 100
52 27.1 25.5 38.3

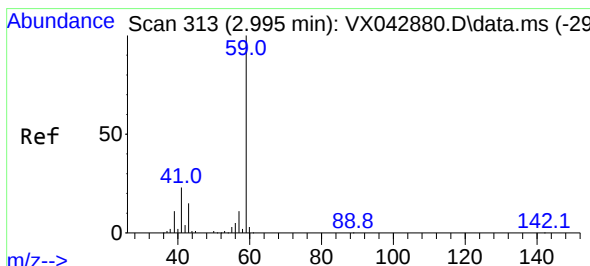
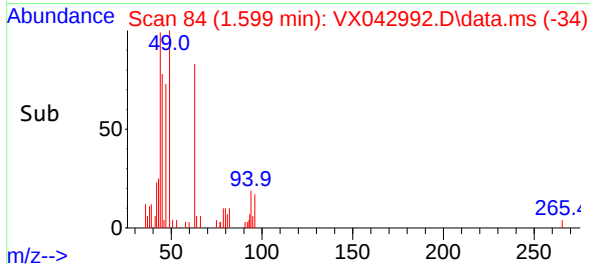
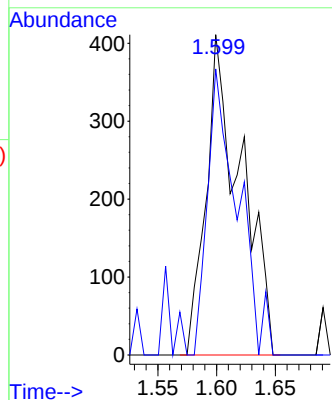
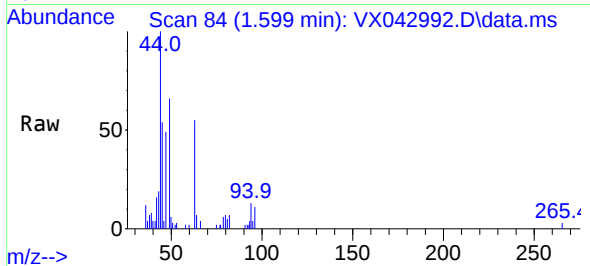




#5
Bromomethane
Concen: 0.659 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX042992.D
Acq: 09 Aug 2024 13:29

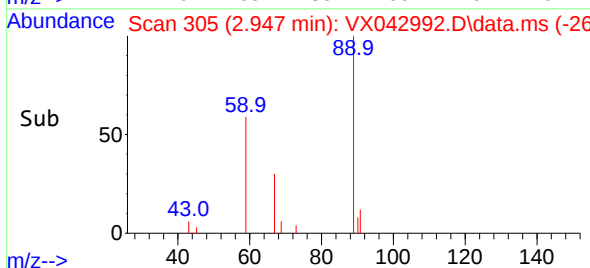
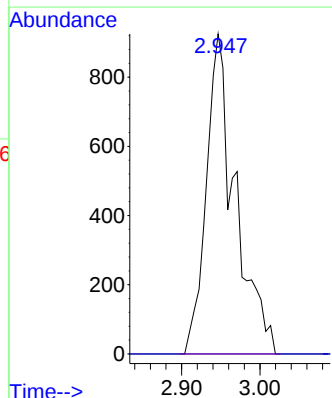
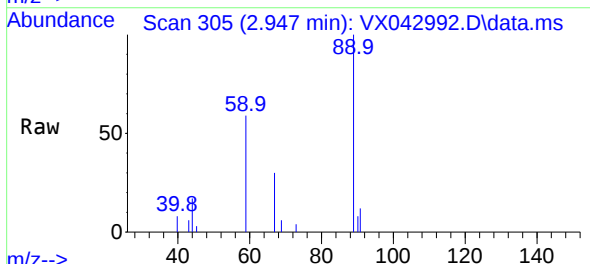
Instrument :
MSVOA_X
ClientSampleId :
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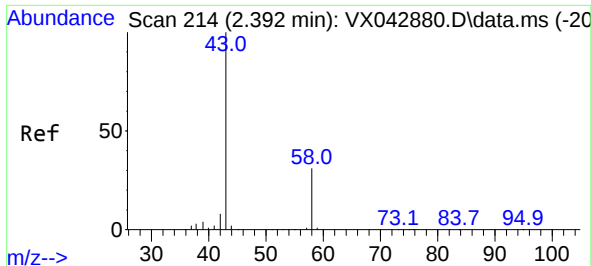
Tgt Ion: 94 Resp: 852
Ion Ratio Lower Upper
94 100
96 89.3 74.6 111.8



#11
Tert butyl alcohol
Concen: 4.531 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX042992.D
Acq: 09 Aug 2024 13:29

Tgt Ion: 59 Resp: 2372
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

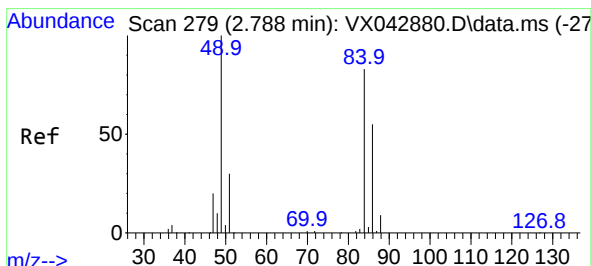
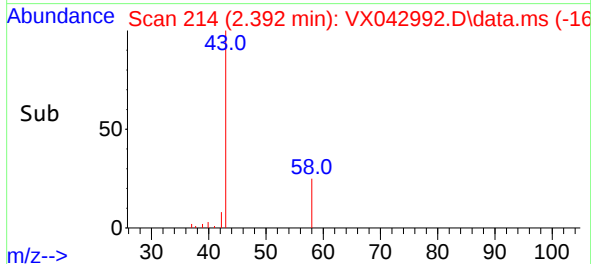
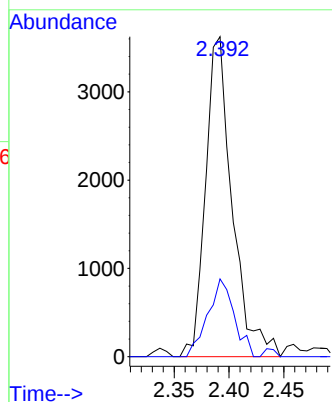
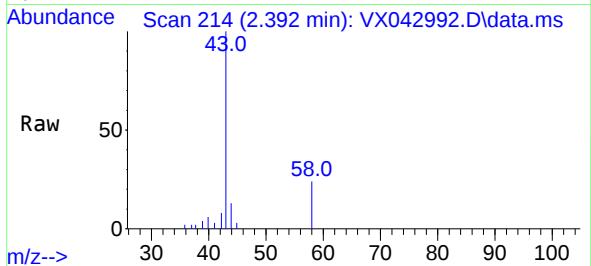




#16
Acetone
Concen: 5.365 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX042992.D
Acq: 09 Aug 2024 13:29

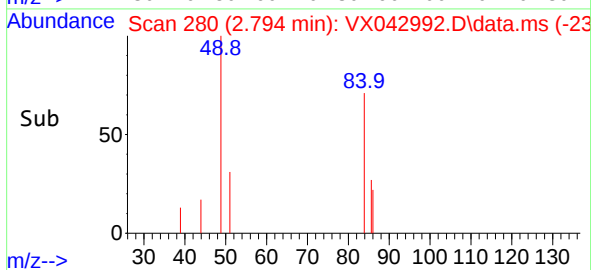
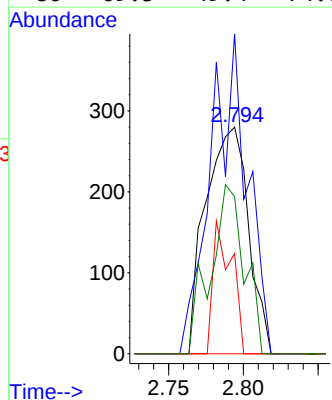
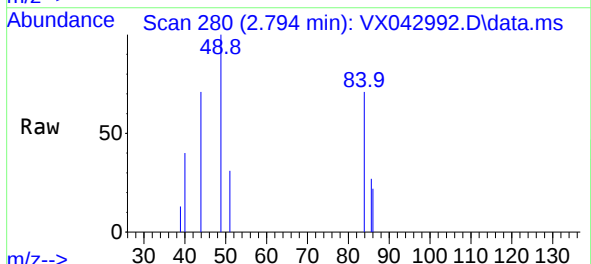
Instrument :
MSVOA_X
ClientSampleId :
TB-01-080724

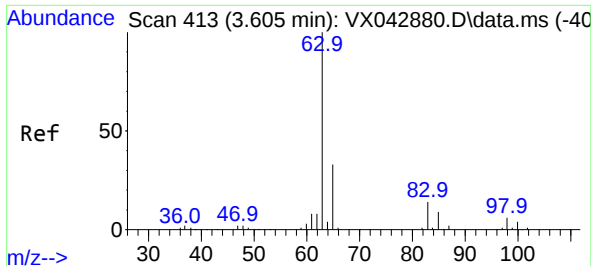
Tgt Ion: 43 Resp: 6124
Ion Ratio Lower Upper
43 100
58 24.3 21.9 32.9



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX042992.D
Acq: 09 Aug 2024 13:29

Tgt Ion: 84 Resp: 557
Ion Ratio Lower Upper
84 100
49 141.1 103.6 155.4
51 44.3 33.8 50.6
86 69.3 49.4 74.0

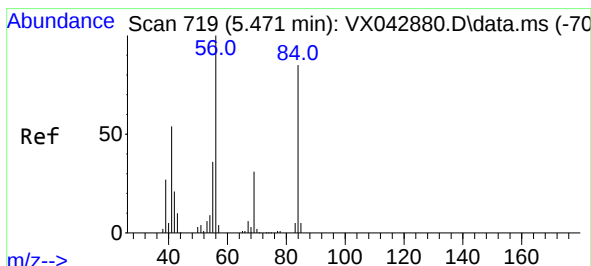
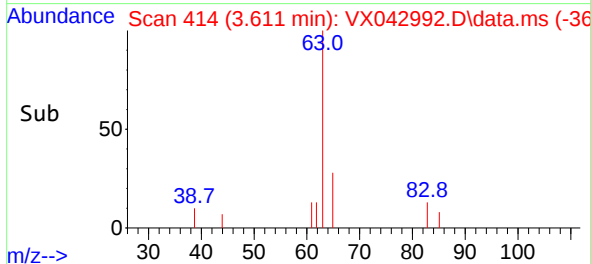
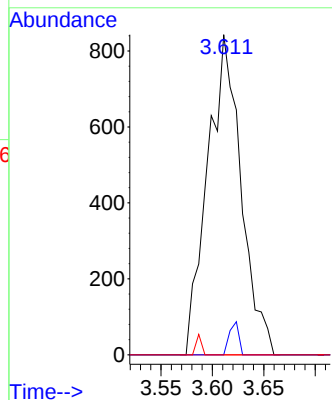
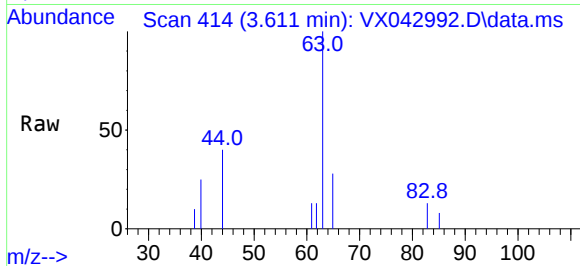




#24
1,1-Dichloroethane
Concen: 0.473 ug/l
RT: 3.611 min Scan# 413
Delta R.T. 0.006 min
Lab File: VX042992.D
Acq: 09 Aug 2024 13:29

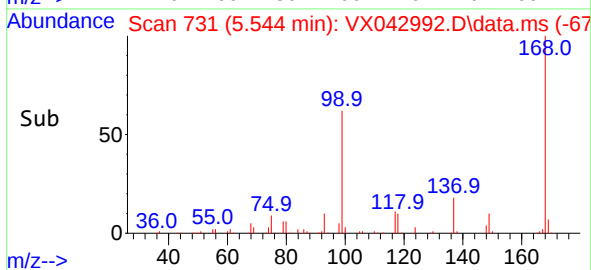
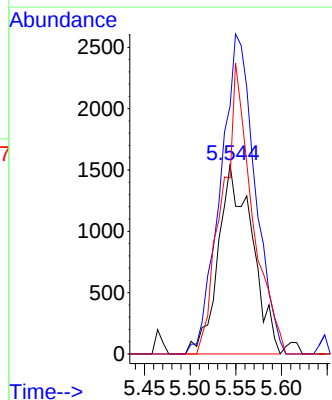
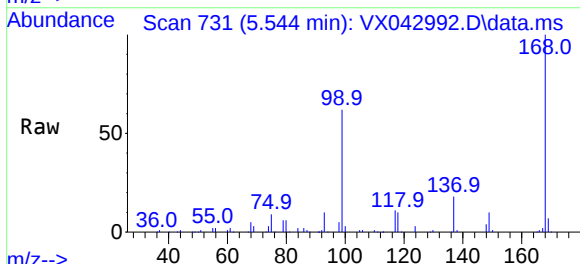
Instrument :
MSVOA_X
ClientSampleId :
TB-01-080724

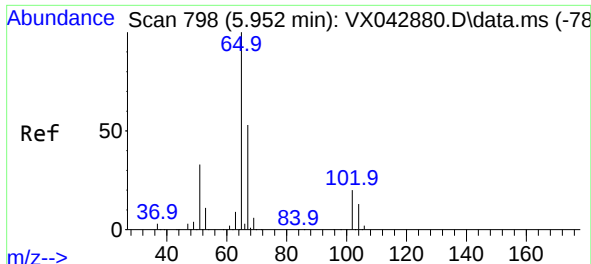
Tgt Ion: 63 Resp: 1908
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.8#
100 0.0 2.1 6.5#



#31
Cyclohexane
Concen: 1.209 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX042992.D
Acq: 09 Aug 2024 13:29

Tgt Ion: 56 Resp: 3982
Ion Ratio Lower Upper
56 100
69 131.1 23.4 35.2#
84 93.0 65.9 98.9

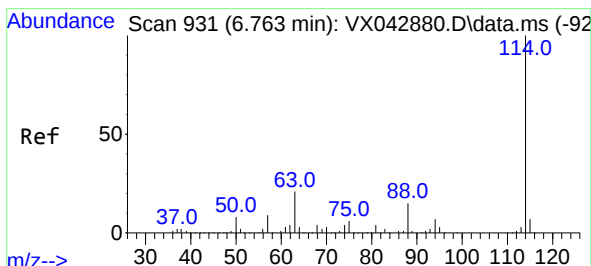
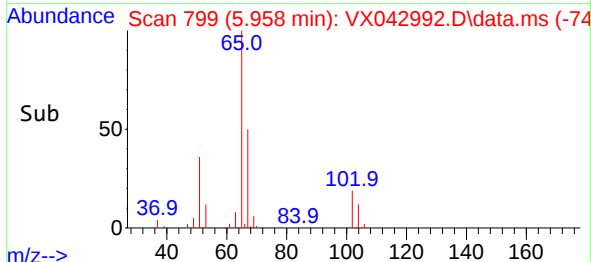
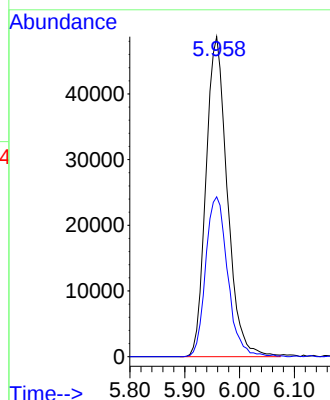
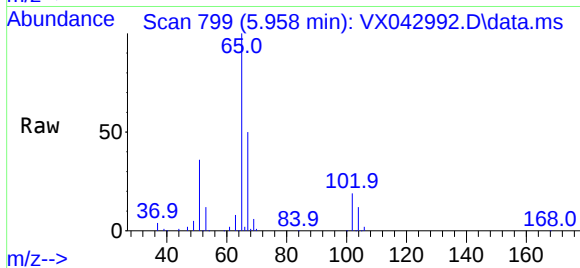




#33
1,2-Dichloroethane-d4
Concen: 49.937 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX042992.D
Acq: 09 Aug 2024 13:29

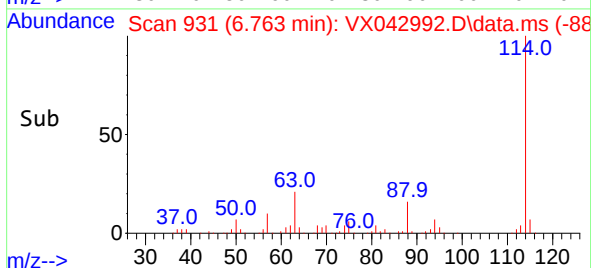
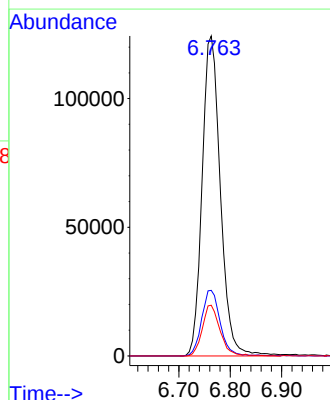
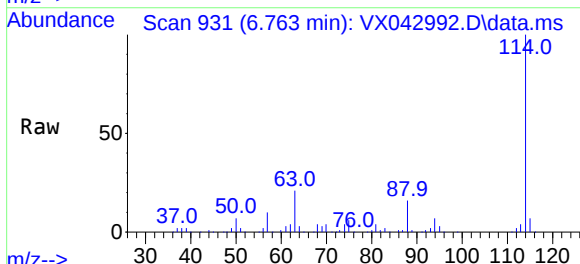
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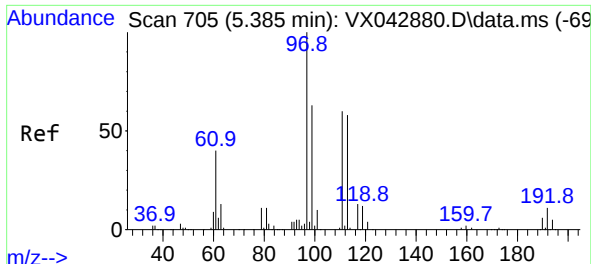
Tgt Ion: 65 Resp: 131417
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX042992.D
Acq: 09 Aug 2024 13:29

Tgt Ion: 114 Resp: 306856
Ion Ratio Lower Upper
114 100
63 20.5 0.0 45.0
88 15.8 0.0 36.6

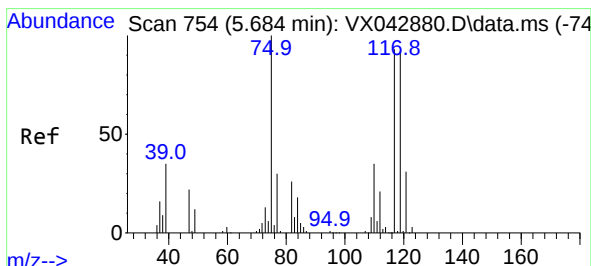
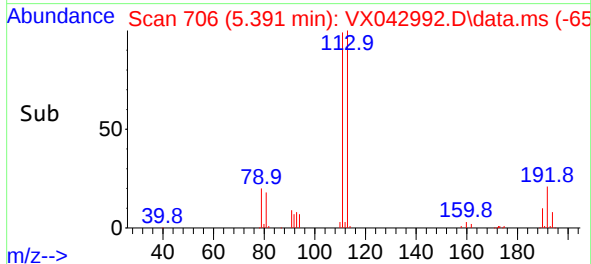
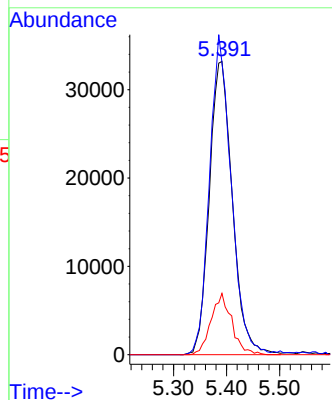
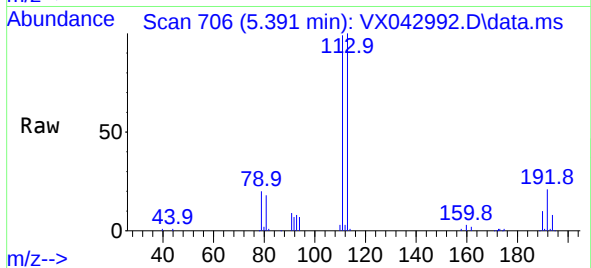




#35
Dibromofluoromethane
Concen: 49.936 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX042992.D
Acq: 09 Aug 2024 13:29

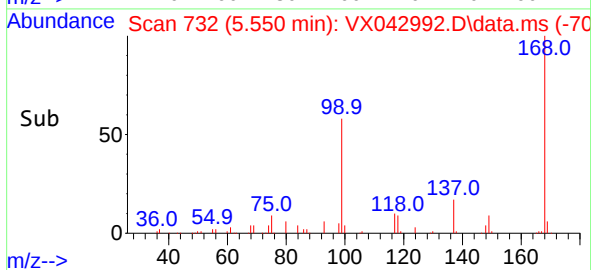
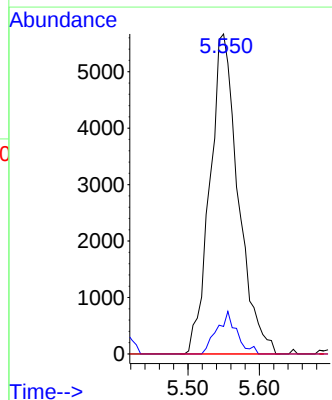
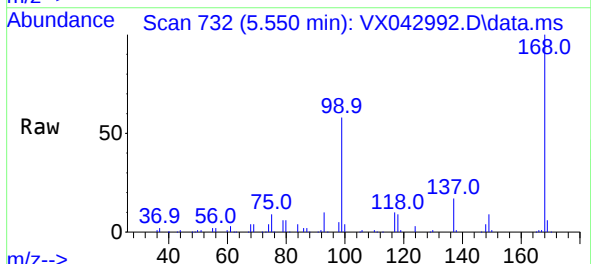
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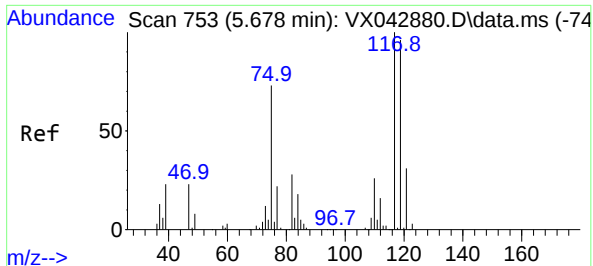
Tgt Ion:113 Resp: 100190
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 18.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.732 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX042992.D
Acq: 09 Aug 2024 13:29

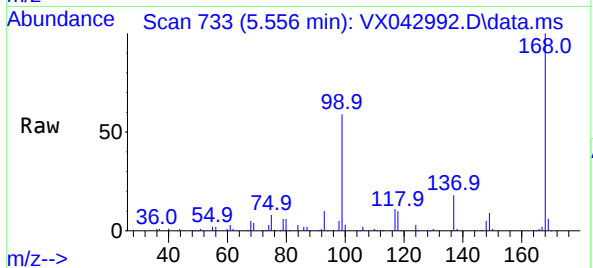
Tgt Ion: 75 Resp: 15593
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



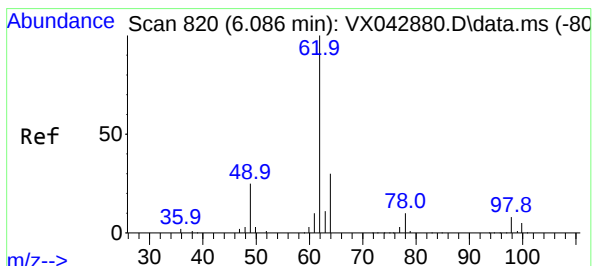
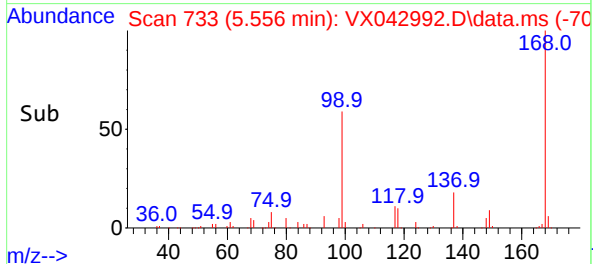
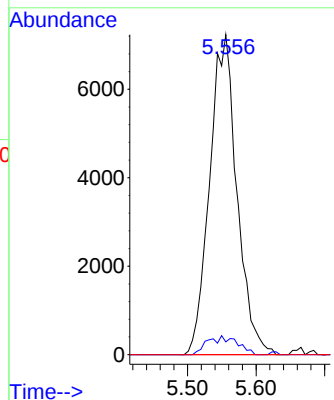


#38
Carbon Tetrachloride
Concen: 6.511 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX042992.D
Acq: 09 Aug 2024 13:29

Instrument :
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ClientSampleId :
TB-01-080724

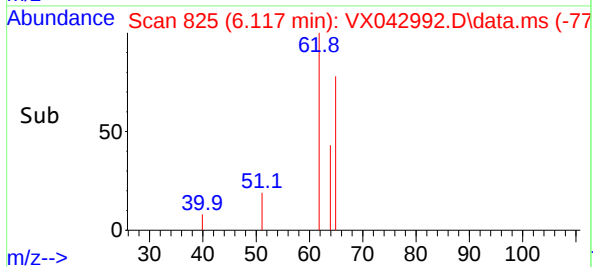
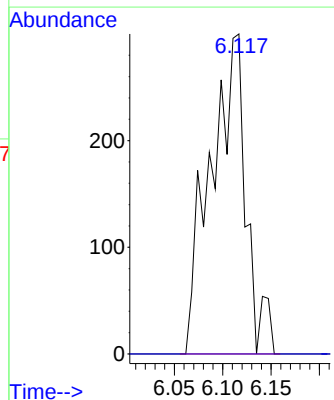
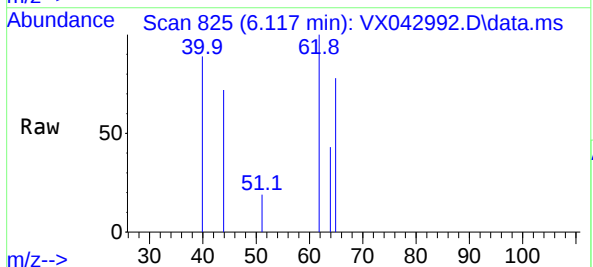


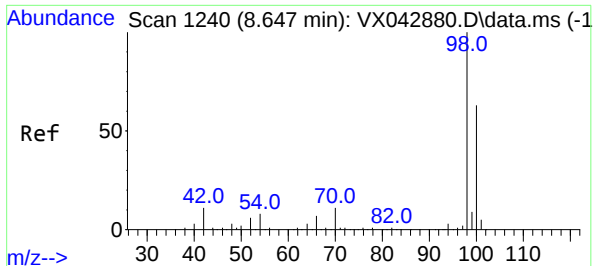
Tgt Ion:117 Resp: 1992
Ion Ratio Lower Upper
117 100
119 4.0 78.2 117.2#
121 0.0 24.4 36.6#



#42
1,2-Dichloroethane
Concen: 0.248 ug/l
RT: 6.117 min Scan# 825
Delta R.T. 0.030 min
Lab File: VX042992.D
Acq: 09 Aug 2024 13:29

Tgt Ion: 62 Resp: 761
Ion Ratio Lower Upper
62 100
98 0.0 0.0 16.0

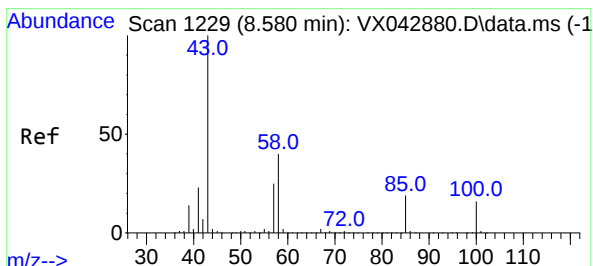
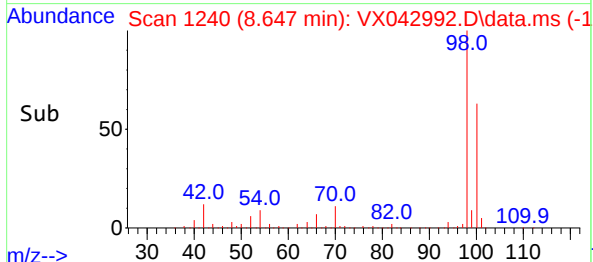
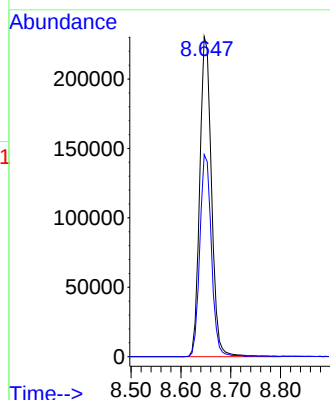
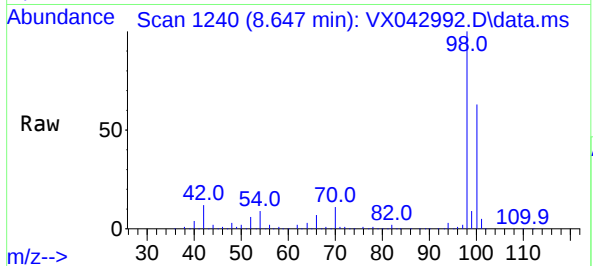




#50
Toluene-d8
Concen: 52.917 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042992.D
Acq: 09 Aug 2024 13:29

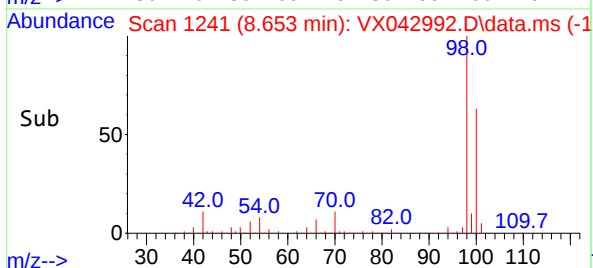
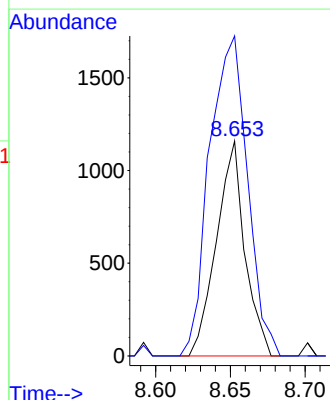
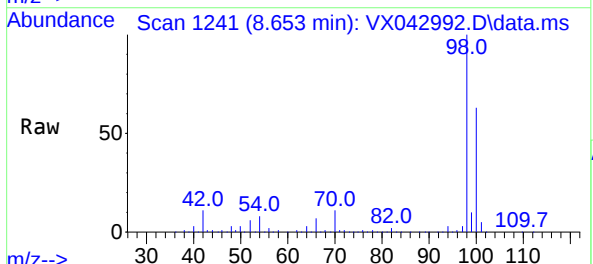
Instrument :
MSVOA_X
ClientSampleId :
TB-01-080724

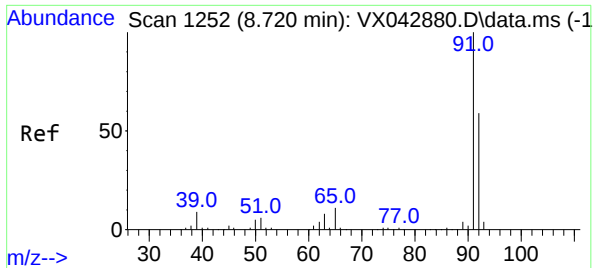
Tgt Ion: 98 Resp: 376914
Ion Ratio Lower Upper
98 100
100 62.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.453 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX042992.D
Acq: 09 Aug 2024 13:29

Tgt Ion: 43 Resp: 1529
Ion Ratio Lower Upper
43 100
58 199.0 30.4 45.6#

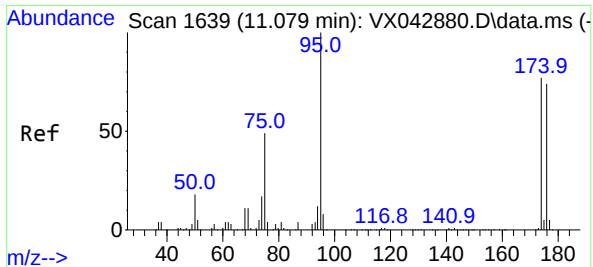
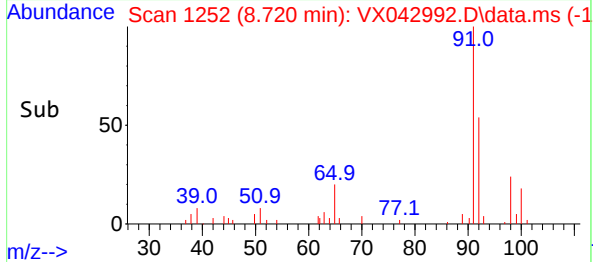
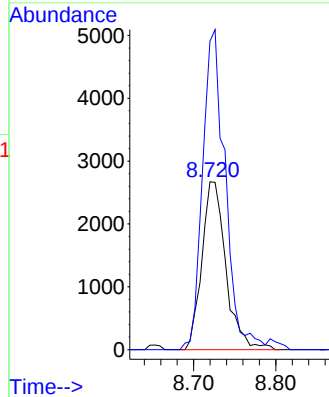
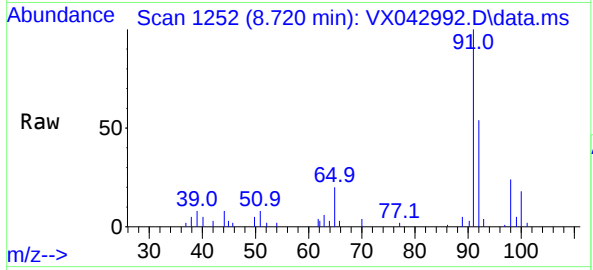




#52
Toluene
Concen: 1.059 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042992.D
Acq: 09 Aug 2024 13:29

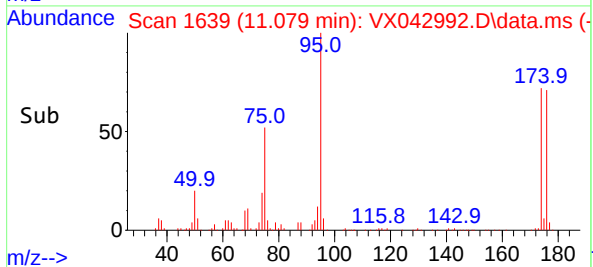
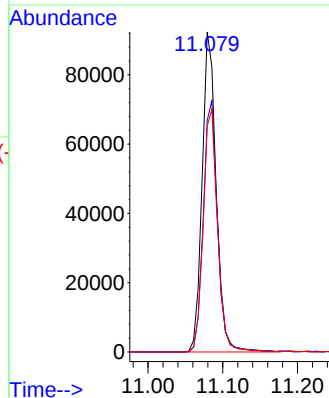
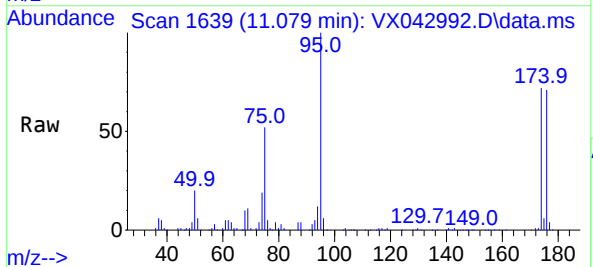
Instrument :
MSVOA_X
ClientSampleId :
TB-01-080724

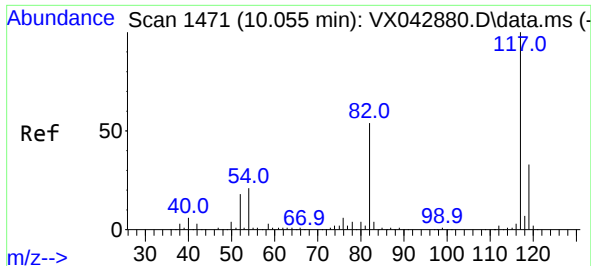
Tgt Ion: 92 Resp: 5424
Ion Ratio Lower Upper
92 100
91 178.9 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 46.924 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042992.D
Acq: 09 Aug 2024 13:29

Tgt Ion: 95 Resp: 120102
Ion Ratio Lower Upper
95 100
174 80.4 0.0 135.6
176 77.6 0.0 131.0

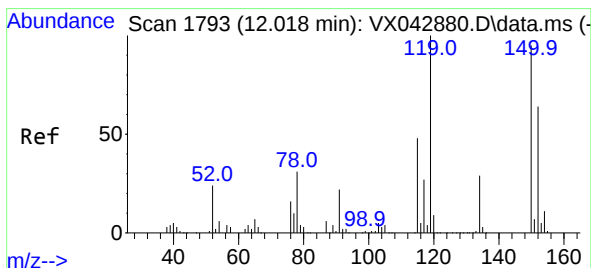
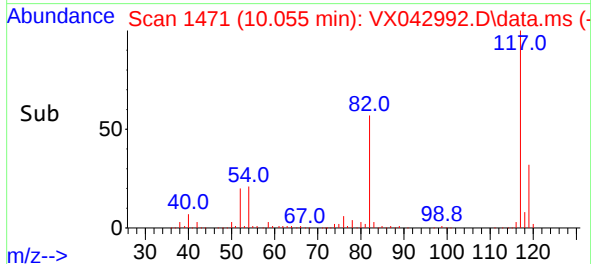
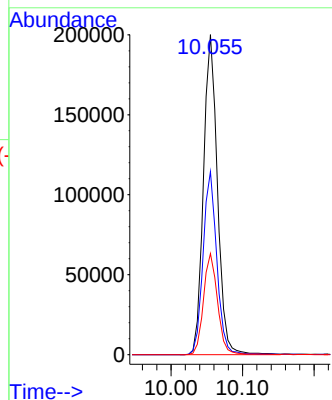
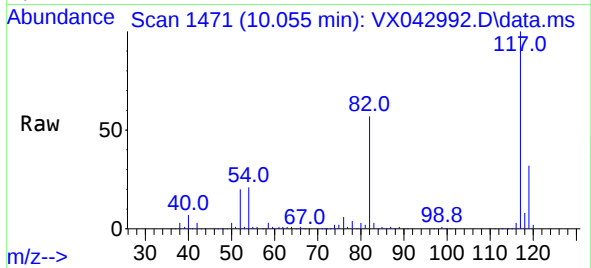




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042992.D
Acq: 09 Aug 2024 13:29

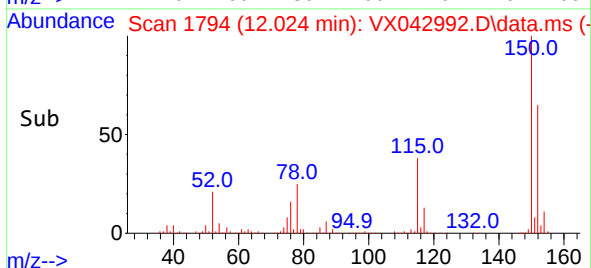
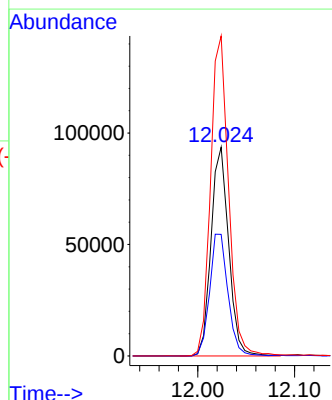
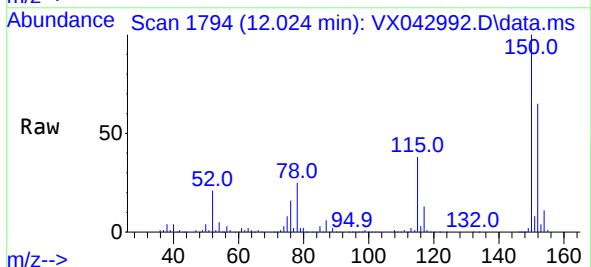
Instrument :
MSVOA_X
ClientSampleId :
TB-01-080724

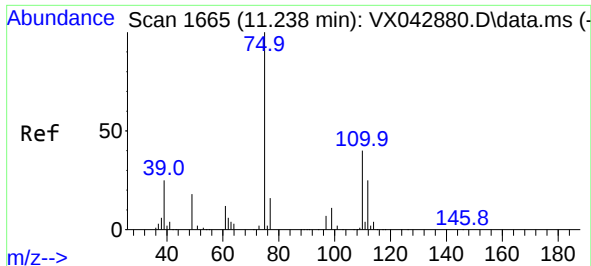
Tgt Ion:117 Resp: 272058
Ion Ratio Lower Upper
117 100
82 57.2 46.2 69.4
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX042992.D
Acq: 09 Aug 2024 13:29

Tgt Ion:152 Resp: 118941
Ion Ratio Lower Upper
152 100
115 60.6 43.3 129.9
150 157.0 0.0 345.0

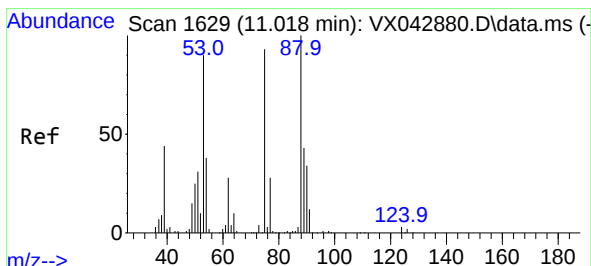
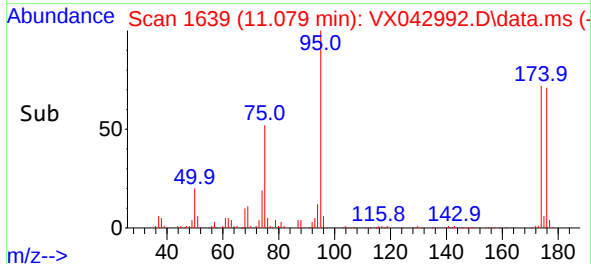
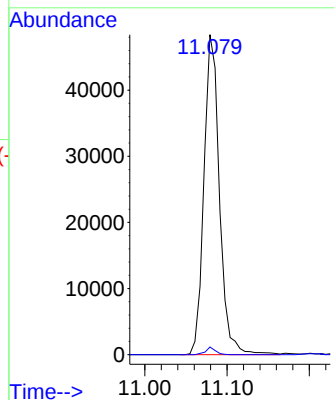
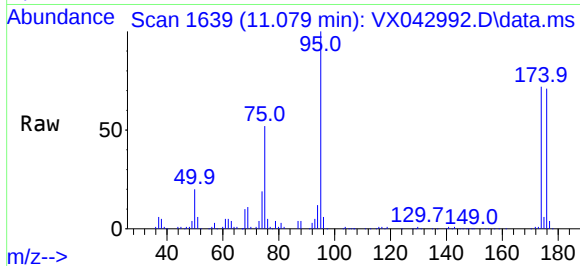




#76
1,2,3-Trichloropropane
Concen: 23.714 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX042992.D
Acq: 09 Aug 2024 13:29

Instrument :
MSVOA_X
ClientSampleId :
TB-01-080724

Tgt Ion: 75 Resp: 63435
Ion Ratio Lower Upper
75 100
77 1.5 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.108 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042992.D
Acq: 09 Aug 2024 13:29

Tgt Ion: 75 Resp: 63435
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

