

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
 Data File : VX032842.D
 Acq On : 16 Nov 2022 03:52
 Operator : JC/MD
 Sample : N5640-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Nov 16 05:11:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

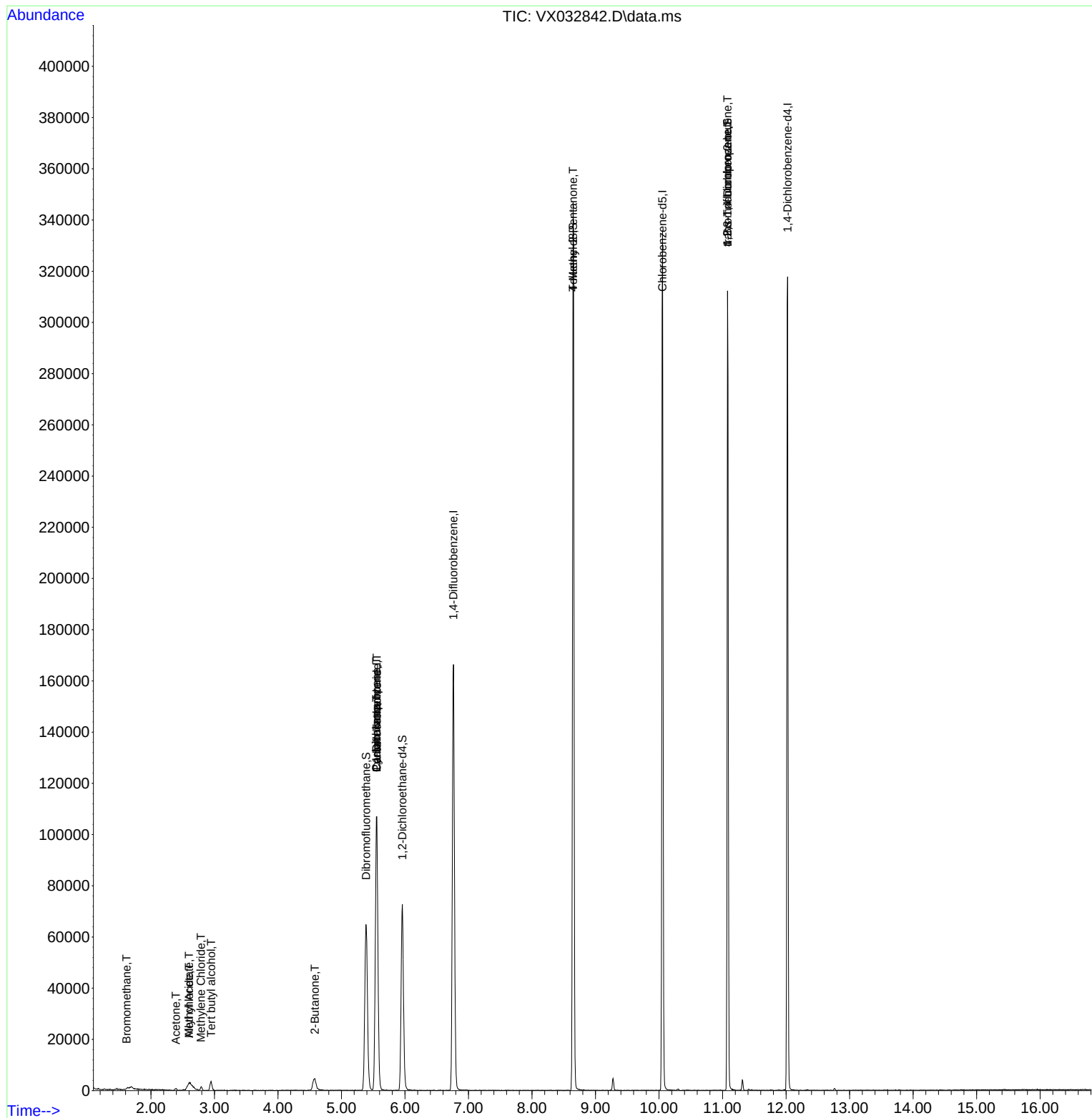
Internal Standards						
1) Pentafluorobenzene	5.556	168	102002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	168611	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72136	50.897	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.800%	
35) Dibromofluoromethane	5.385	113	57207	47.565	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.120%	
50) Toluene-d8	8.647	98	209228	50.029	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.060%	
62) 4-Bromofluorobenzene	11.079	95	78644	48.141	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.280%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	187	0.214	ug/l #	80
11) Tert butyl alcohol	2.947	59	2081	10.088	ug/l #	72
14) Allyl chloride	2.599	41	420	0.258	ug/l #	22
16) Acetone	2.392	43	1014	1.968	ug/l	90
18) Methyl Acetate	2.599	43	2067	1.234	ug/l #	51
20) Methylene Chloride	2.788	84	658	0.557	ug/l	84
25) 2-Butanone	4.580	43	244	0.306	ug/l #	47
31) Cyclohexane	5.550	56	2301	1.339	ug/l #	18
36) 1,1-Dichloropropene	5.550	75	7698	4.596	ug/l #	51
38) Carbon Tetrachloride	5.556	117	10572	5.691	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	991	0.588	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	41866	28.495	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	41866	90.673	ug/l #	6

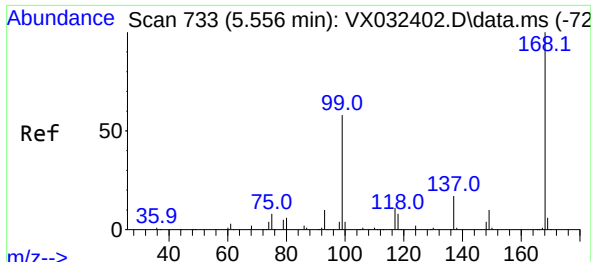
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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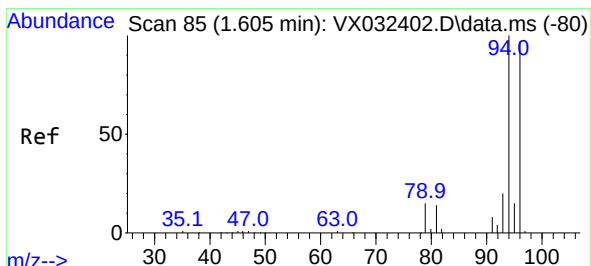
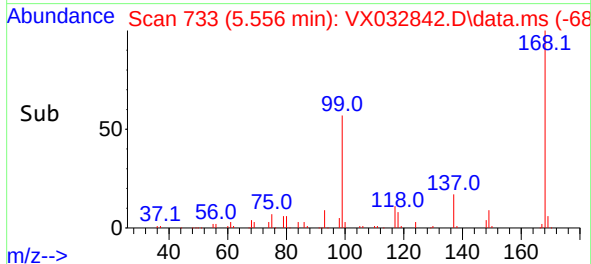
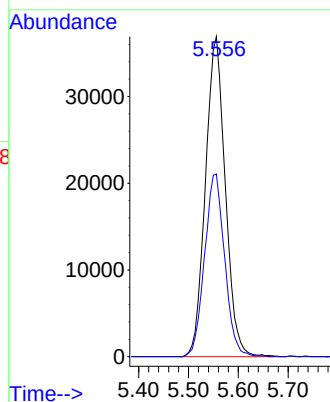
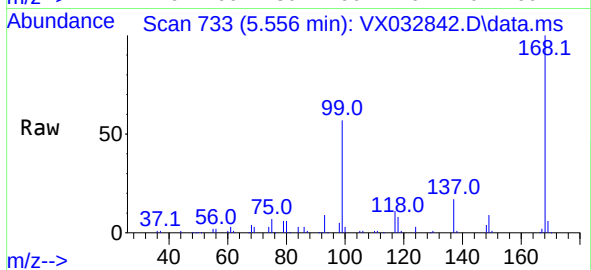




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032842.D
Acq: 16 Nov 2022 03:52

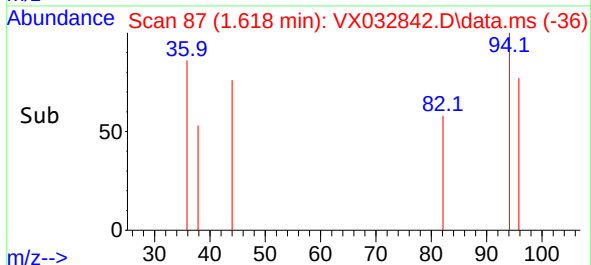
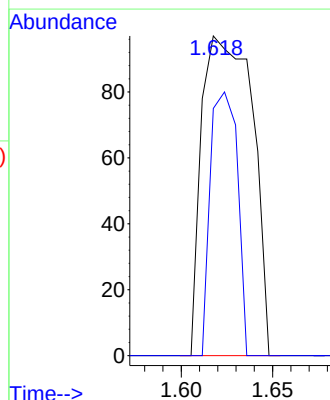
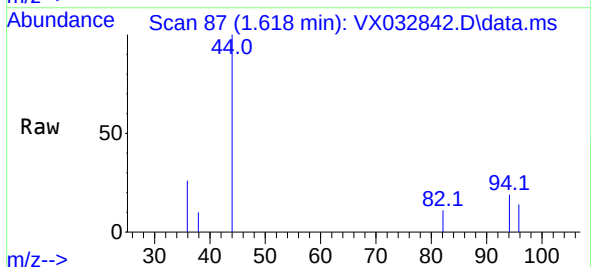
Instrument :
MSVOA_X
ClientSampleId :
TB

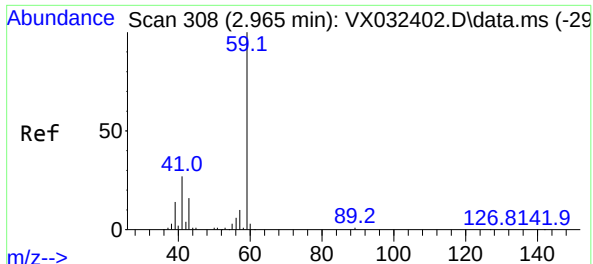
Tgt Ion:168 Resp: 102002
Ion Ratio Lower Upper
168 100
99 57.1 46.1 69.1



#5
Bromomethane
Concen: 0.214 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.012 min
Lab File: VX032842.D
Acq: 16 Nov 2022 03:52

Tgt Ion: 94 Resp: 187
Ion Ratio Lower Upper
94 100
96 77.3 77.6 116.4#





#11

Tert butyl alcohol

Concen: 10.088 ug/l

RT: 2.947 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX032842.D

Acq: 16 Nov 2022 03:52

Instrument :

MSVOA_X

ClientSampleId :

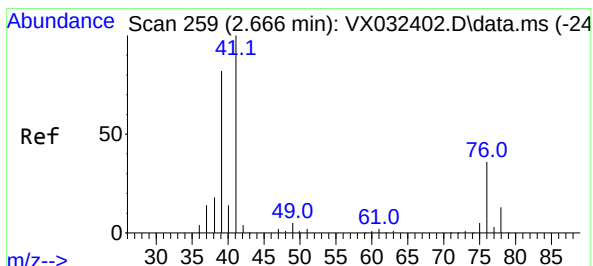
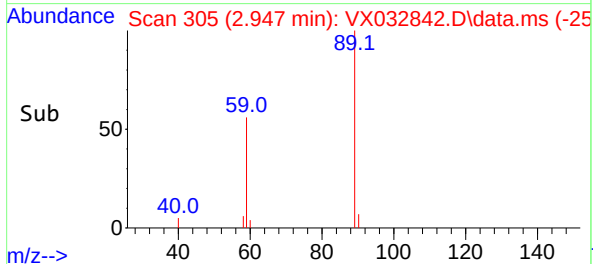
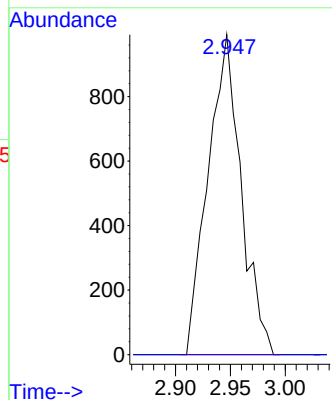
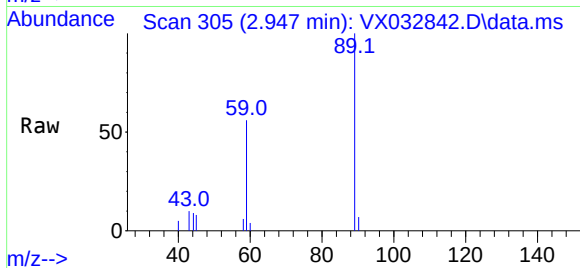
TB

Tgt Ion: 59 Resp: 2081

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#14

Allyl chloride

Concen: 0.258 ug/l

RT: 2.599 min Scan# 248

Delta R.T. -0.067 min

Lab File: VX032842.D

Acq: 16 Nov 2022 03:52

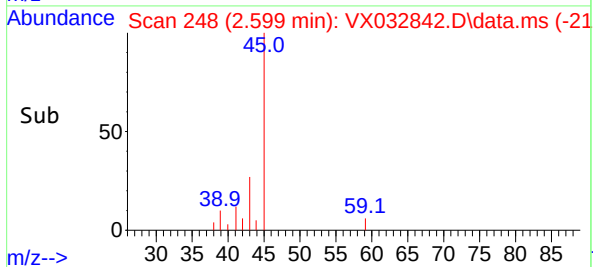
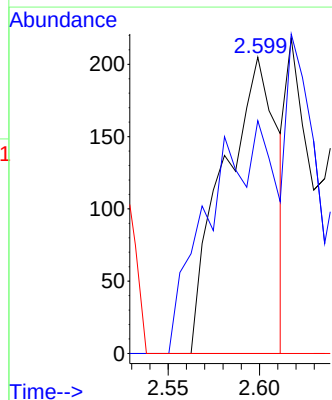
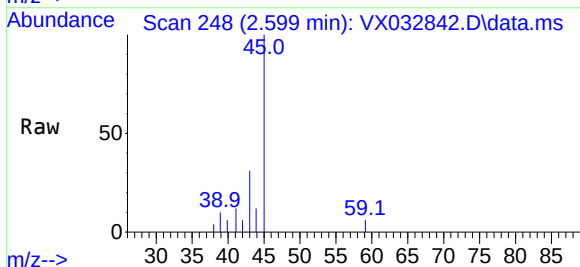
Tgt Ion: 41 Resp: 420

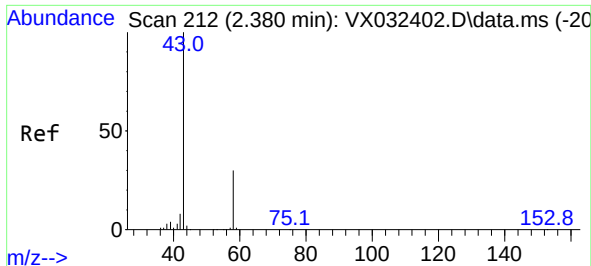
Ion Ratio Lower Upper

41 100

39 151.4 61.4 92.2#

76 0.0 29.2 43.8#

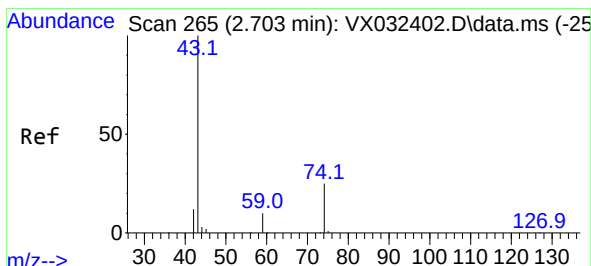
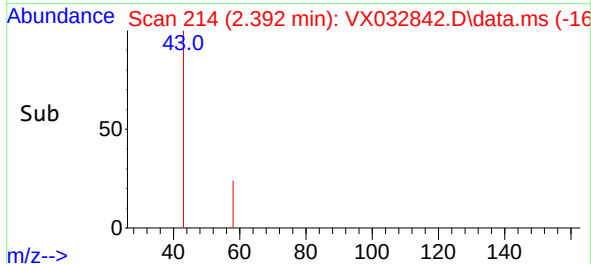
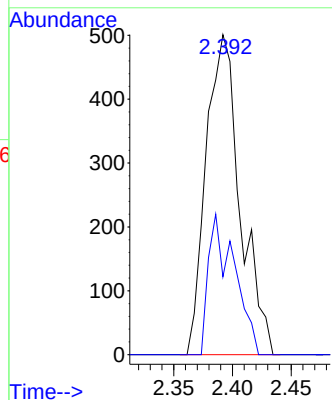
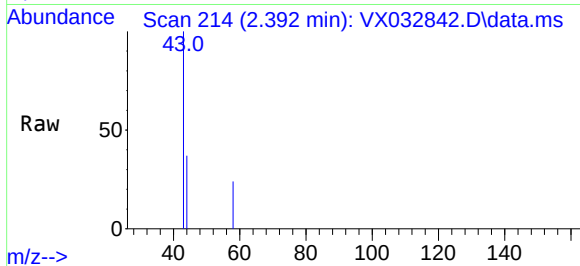




#16
Acetone
Concen: 1.968 ug/l
RT: 2.392 min Scan# 212
Delta R.T. 0.012 min
Lab File: VX032842.D
Acq: 16 Nov 2022 03:52

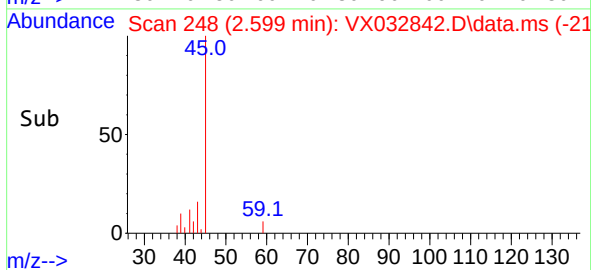
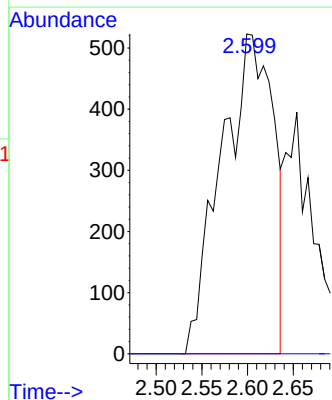
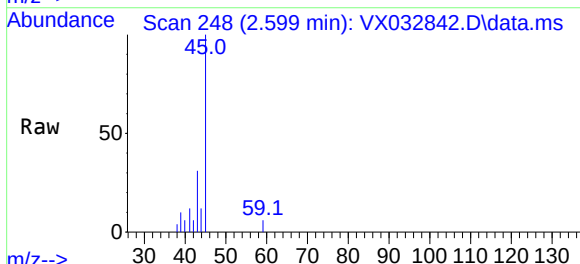
Instrument :
MSVOA_X
ClientSampleId :
TB

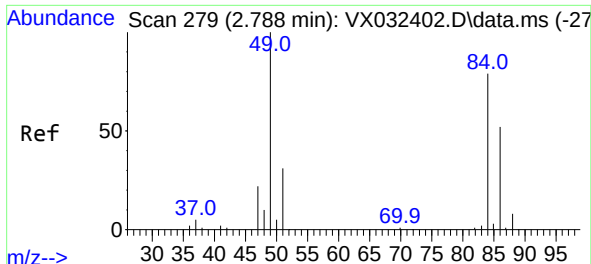
Tgt Ion: 43 Resp: 1014
Ion Ratio Lower Upper
43 100
58 24.4 23.8 35.8



#18
Methyl Acetate
Concen: 1.234 ug/l
RT: 2.599 min Scan# 248
Delta R.T. -0.104 min
Lab File: VX032842.D
Acq: 16 Nov 2022 03:52

Tgt Ion: 43 Resp: 2067
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#

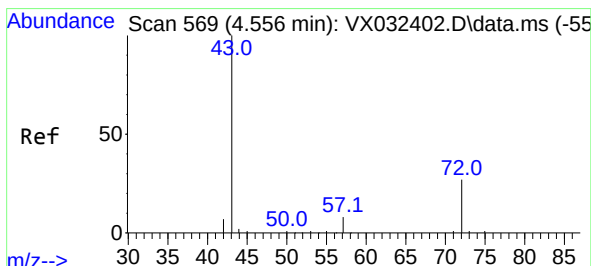
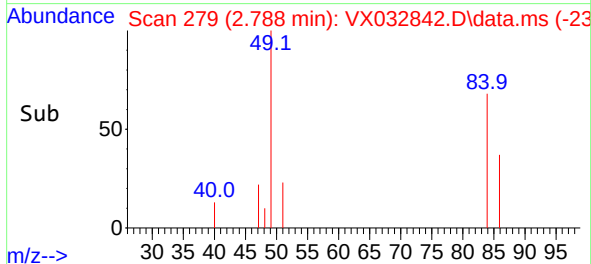
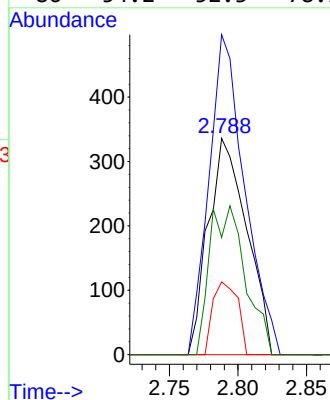
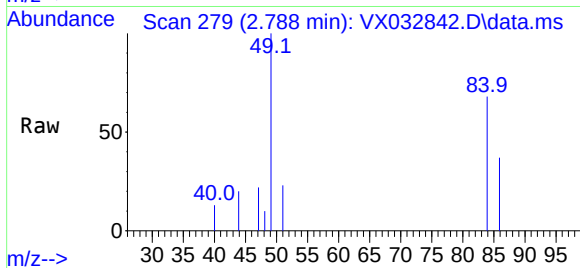




#20
Methylene Chloride
Concen: 0.557 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032842.D
Acq: 16 Nov 2022 03:52

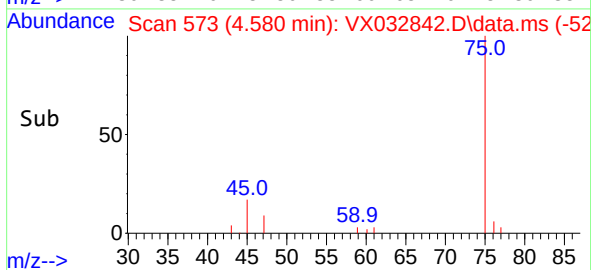
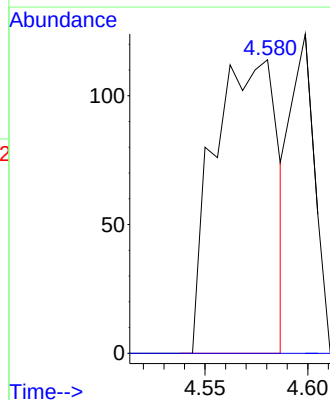
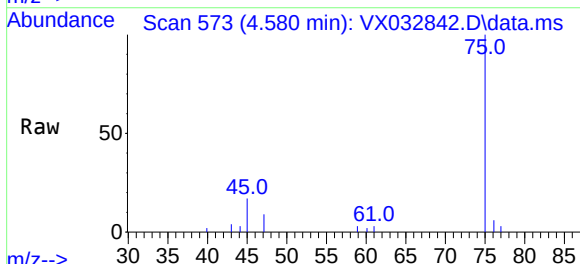
Instrument :
MSVOA_X
ClientSampleId :
TB

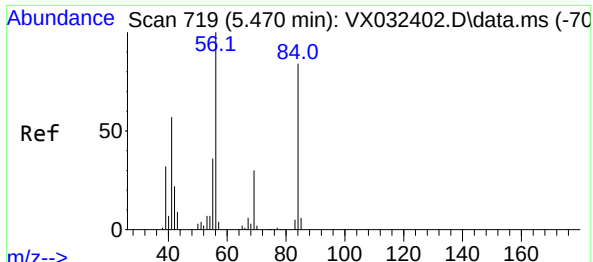
Tgt Ion:	84	Resp:	658
Ion	Ratio	Lower	Upper
84	100		
49	147.9	101.0	151.6
51	33.6	31.1	46.7
86	54.2	52.3	78.5



#25
2-Butanone
Concen: 0.306 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.024 min
Lab File: VX032842.D
Acq: 16 Nov 2022 03:52

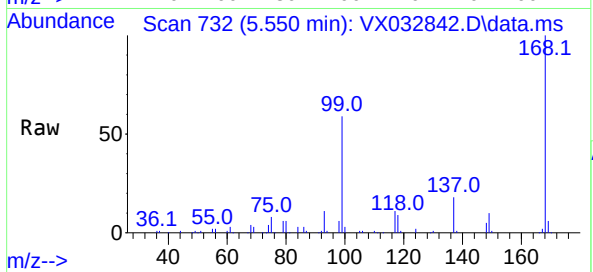
Tgt Ion:	43	Resp:	244
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.2	33.2#



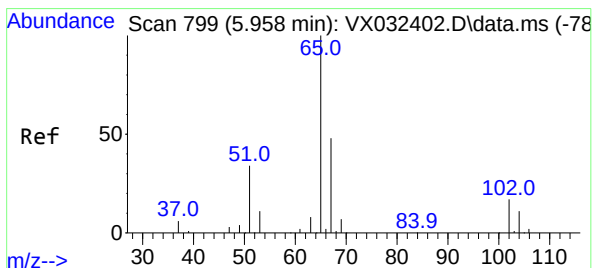
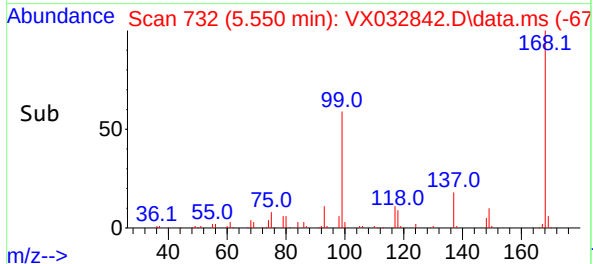
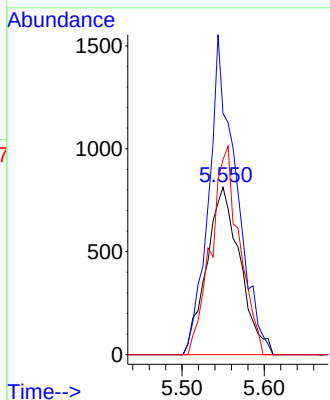


#31
Cyclohexane
Concen: 1.339 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX032842.D
Acq: 16 Nov 2022 03:52

Instrument :
MSVOA_X
ClientSampleId :
TB

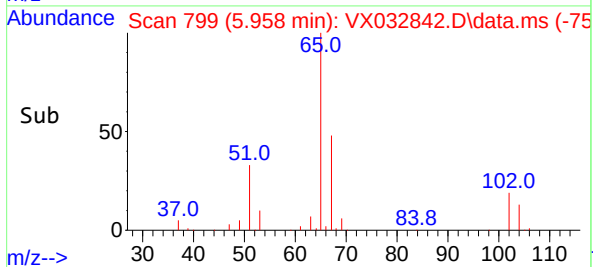
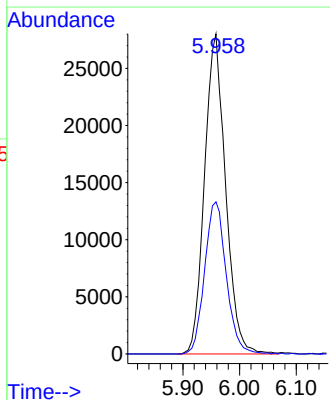
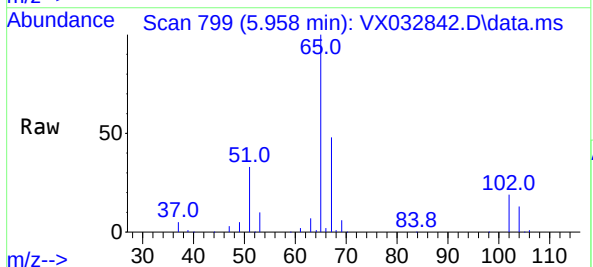


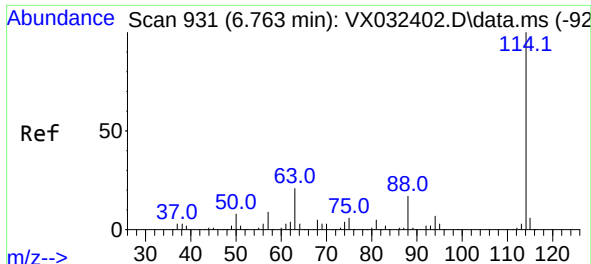
Tgt Ion: 56 Resp: 2301
Ion Ratio Lower Upper
56 100
69 144.2 24.1 36.1#
84 116.5 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 50.897 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032842.D
Acq: 16 Nov 2022 03:52

Tgt Ion: 65 Resp: 72136
Ion Ratio Lower Upper
65 100
67 48.9 0.0 101.8

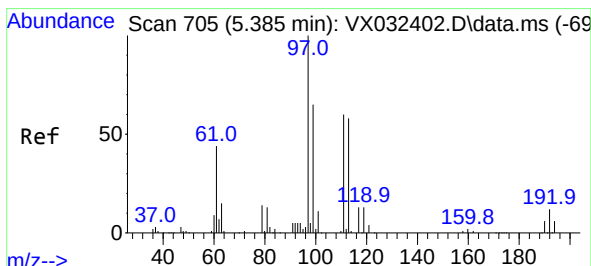
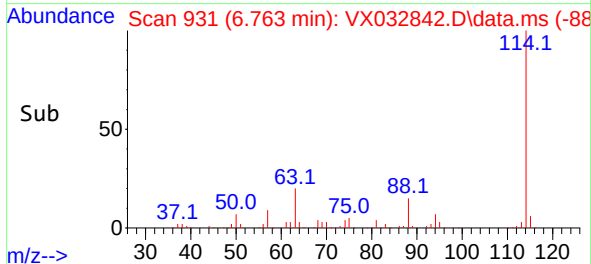
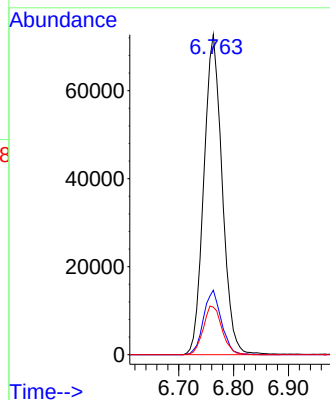
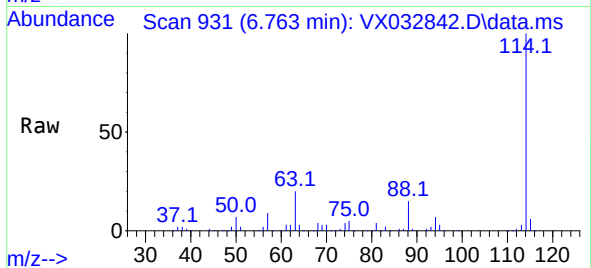




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032842.D
Acq: 16 Nov 2022 03:52

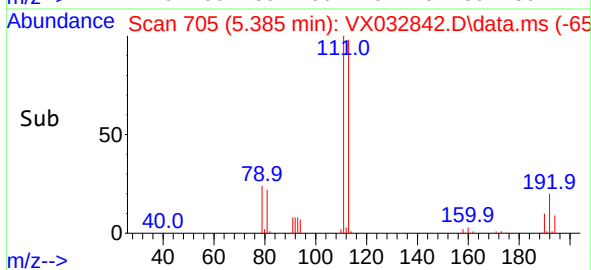
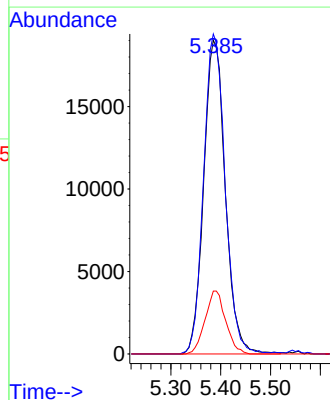
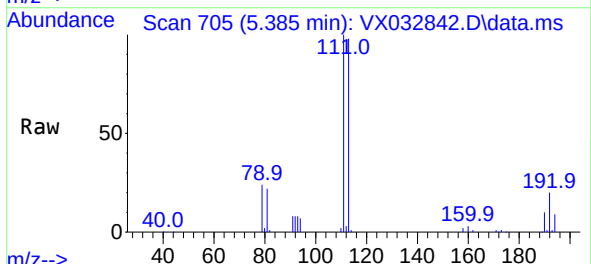
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ClientSampleId :
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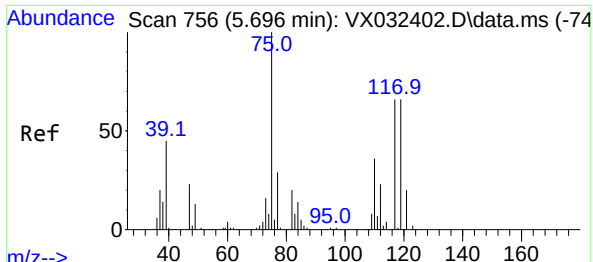
Tgt Ion:114 Resp: 168611
Ion Ratio Lower Upper
114 100
63 20.2 0.0 41.6
88 14.8 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.565 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032842.D
Acq: 16 Nov 2022 03:52

Tgt Ion:113 Resp: 57207
Ion Ratio Lower Upper
113 100
111 101.7 82.4 123.6
192 19.1 15.4 23.2

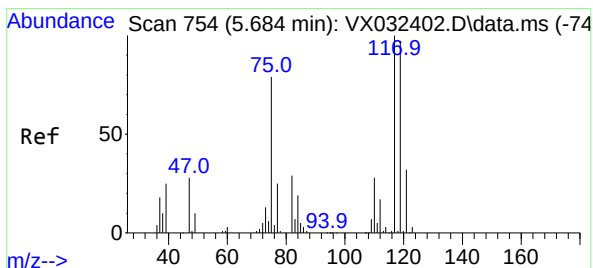
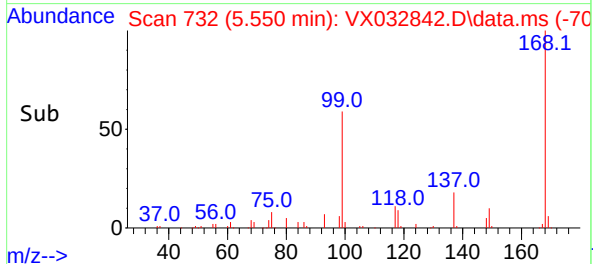
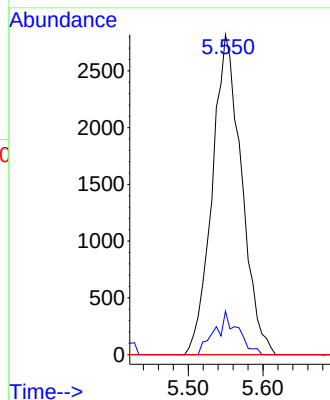
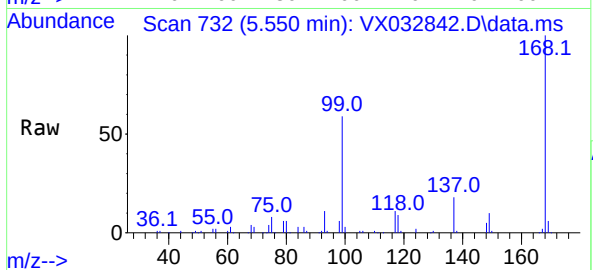




#36
1,1-Dichloropropene
Concen: 4.596 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX032842.D
Acq: 16 Nov 2022 03:52

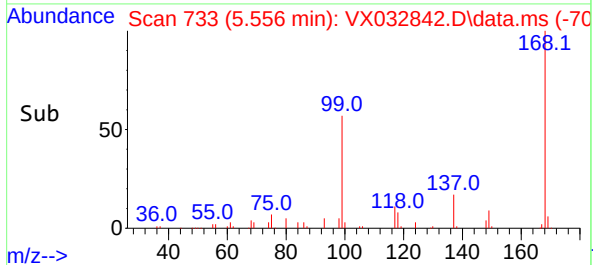
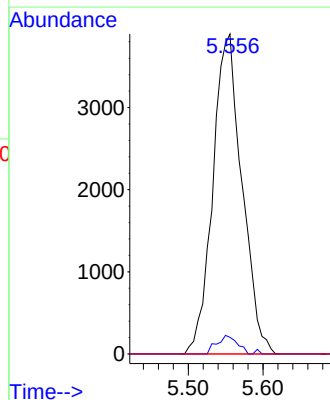
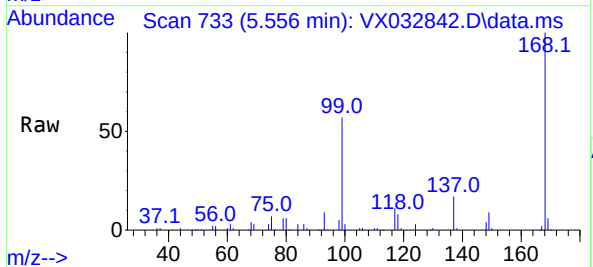
Instrument :
MSVOA_X
ClientSampleId :
TB

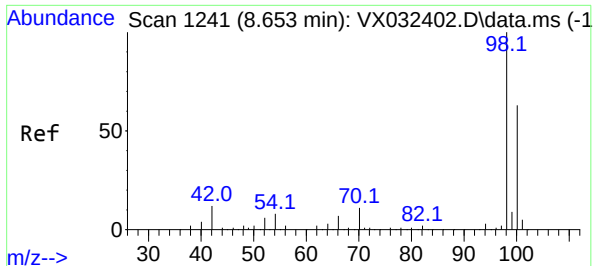
Tgt Ion: 75 Resp: 7698
Ion Ratio Lower Upper
75 100
110 10.6 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.691 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX032842.D
Acq: 16 Nov 2022 03:52

Tgt Ion: 117 Resp: 10572
Ion Ratio Lower Upper
117 100
119 5.2 77.2 115.8#
121 0.0 25.8 38.6#

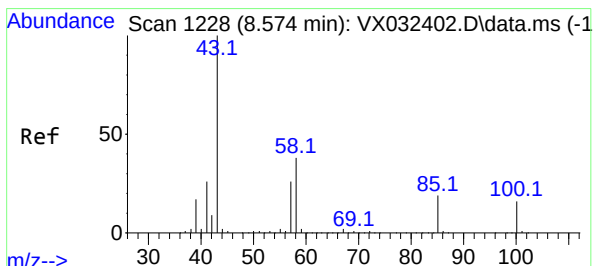
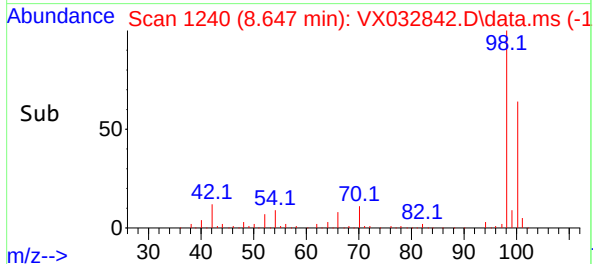
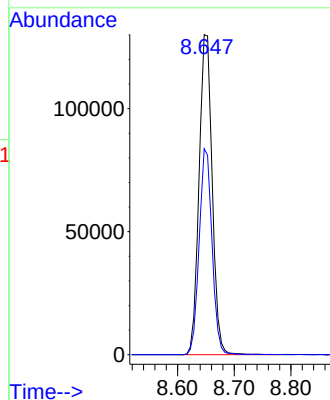
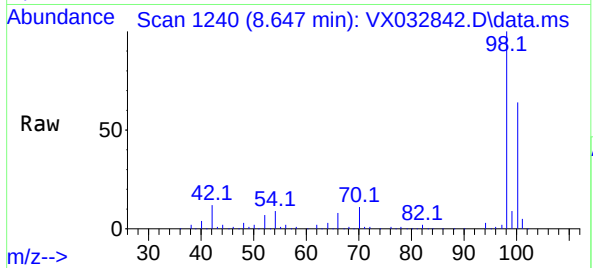




#50
Toluene-d8
Concen: 50.029 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032842.D
Acq: 16 Nov 2022 03:52

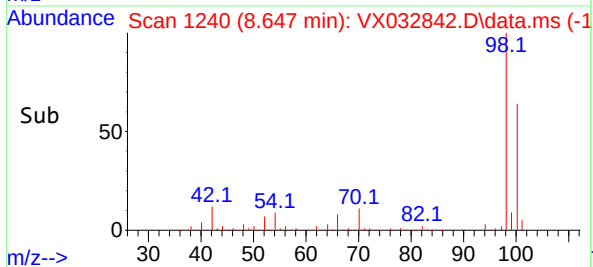
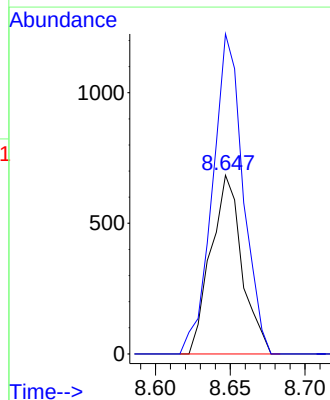
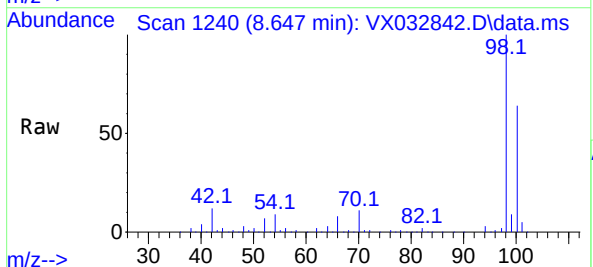
Instrument :
MSVOA_X
ClientSampleId :
TB

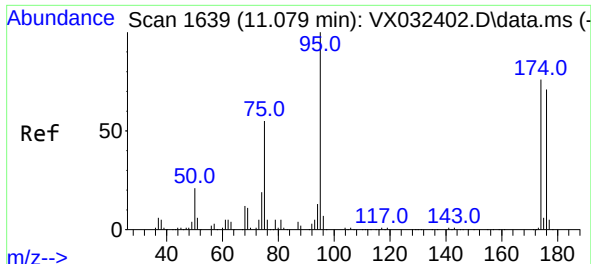
Tgt Ion: 98 Resp: 209228
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.588 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032842.D
Acq: 16 Nov 2022 03:52

Tgt Ion: 43 Resp: 991
Ion Ratio Lower Upper
43 100
58 175.9 30.9 46.3#

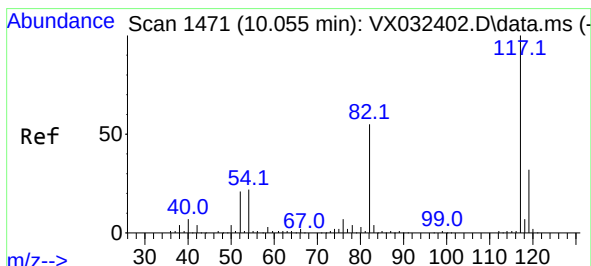
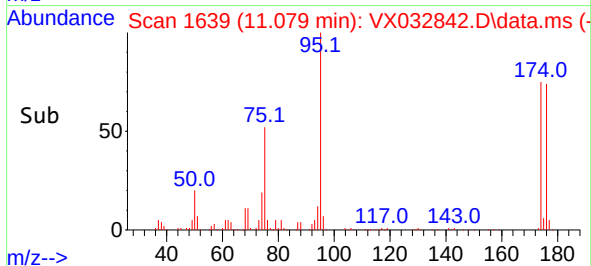
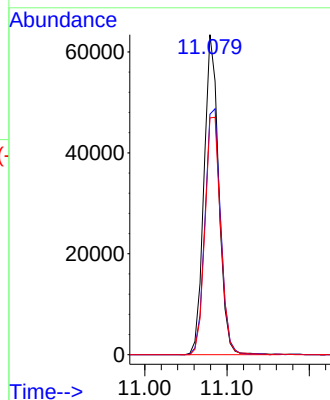
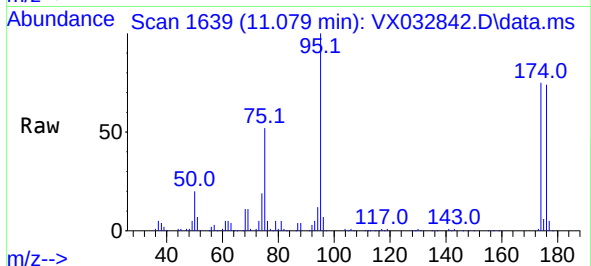




#62
4-Bromofluorobenzene
Concen: 48.141 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032842.D
Acq: 16 Nov 2022 03:52

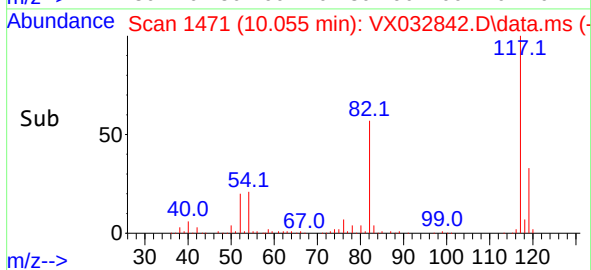
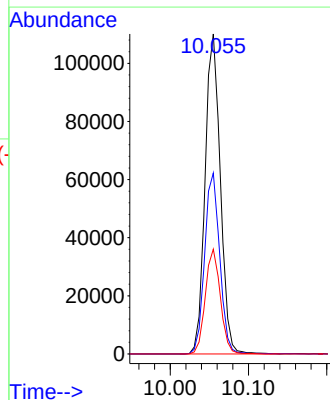
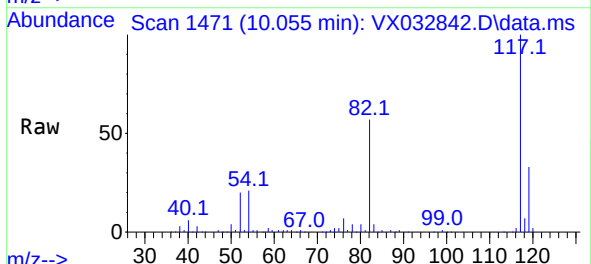
Instrument :
MSVOA_X
ClientSampleId :
TB

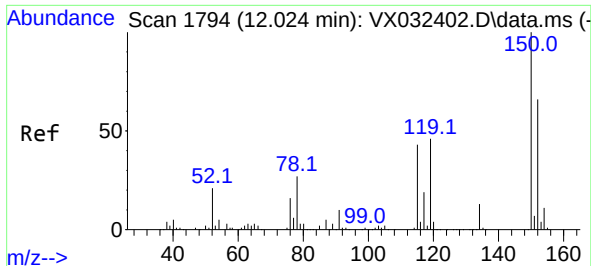
Tgt Ion: 95 Resp: 78644
Ion Ratio Lower Upper
95 100
174 82.0 0.0 164.0
176 79.1 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032842.D
Acq: 16 Nov 2022 03:52

Tgt Ion: 117 Resp: 148508
Ion Ratio Lower Upper
117 100
82 56.5 44.3 66.5
119 32.8 25.7 38.5

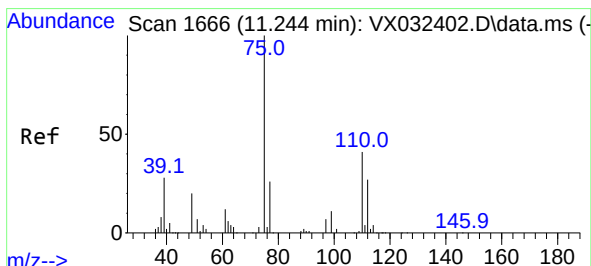
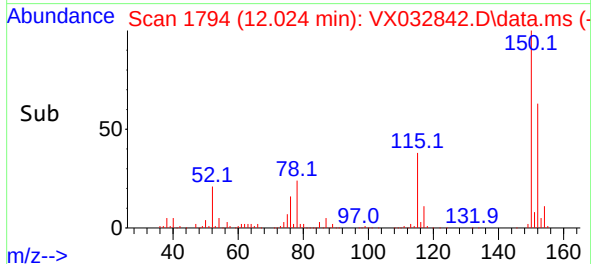
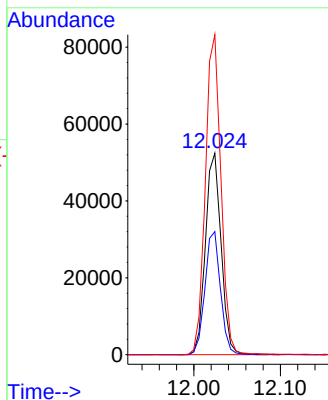
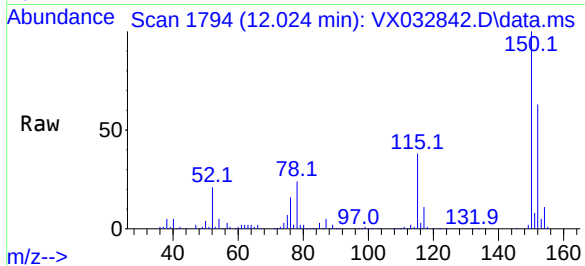




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032842.D
 Acq: 16 Nov 2022 03:52

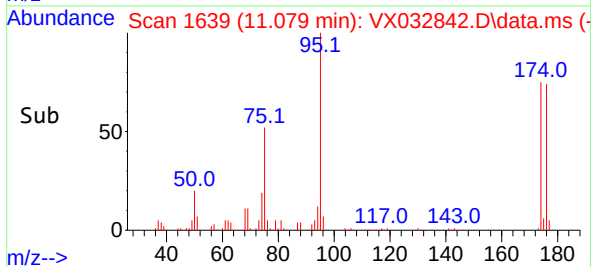
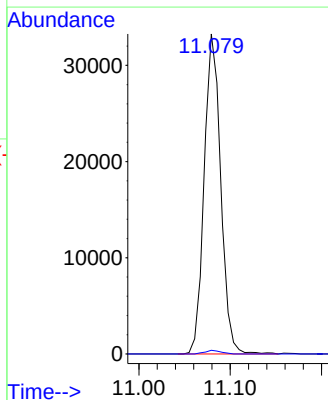
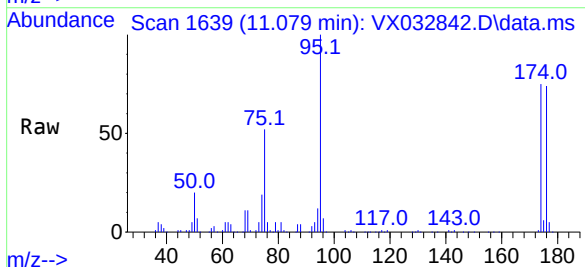
Instrument :
 MSVOA_X
 ClientSampleId :
 TB

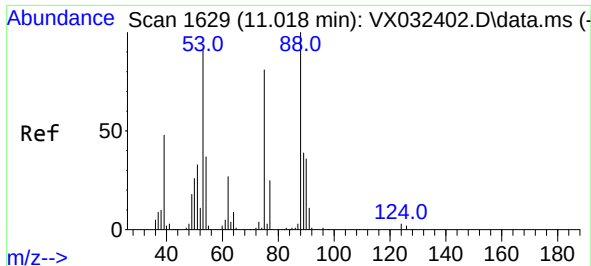
Tgt Ion:152 Resp: 66040
 Ion Ratio Lower Upper
 152 100
 115 60.4 44.0 132.0
 150 157.6 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 28.495 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX032842.D
 Acq: 16 Nov 2022 03:52

Tgt Ion: 75 Resp: 41866
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.673 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032842.D
 Acq: 16 Nov 2022 03:52

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Tgt Ion: 75 Resp: 41866
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

