

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051922\
 Data File : VX028819.D
 Acq On : 19 May 2022 12:49
 Operator : JC/MD
 Sample : N2941-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20220518

Quant Time: May 20 01:45:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

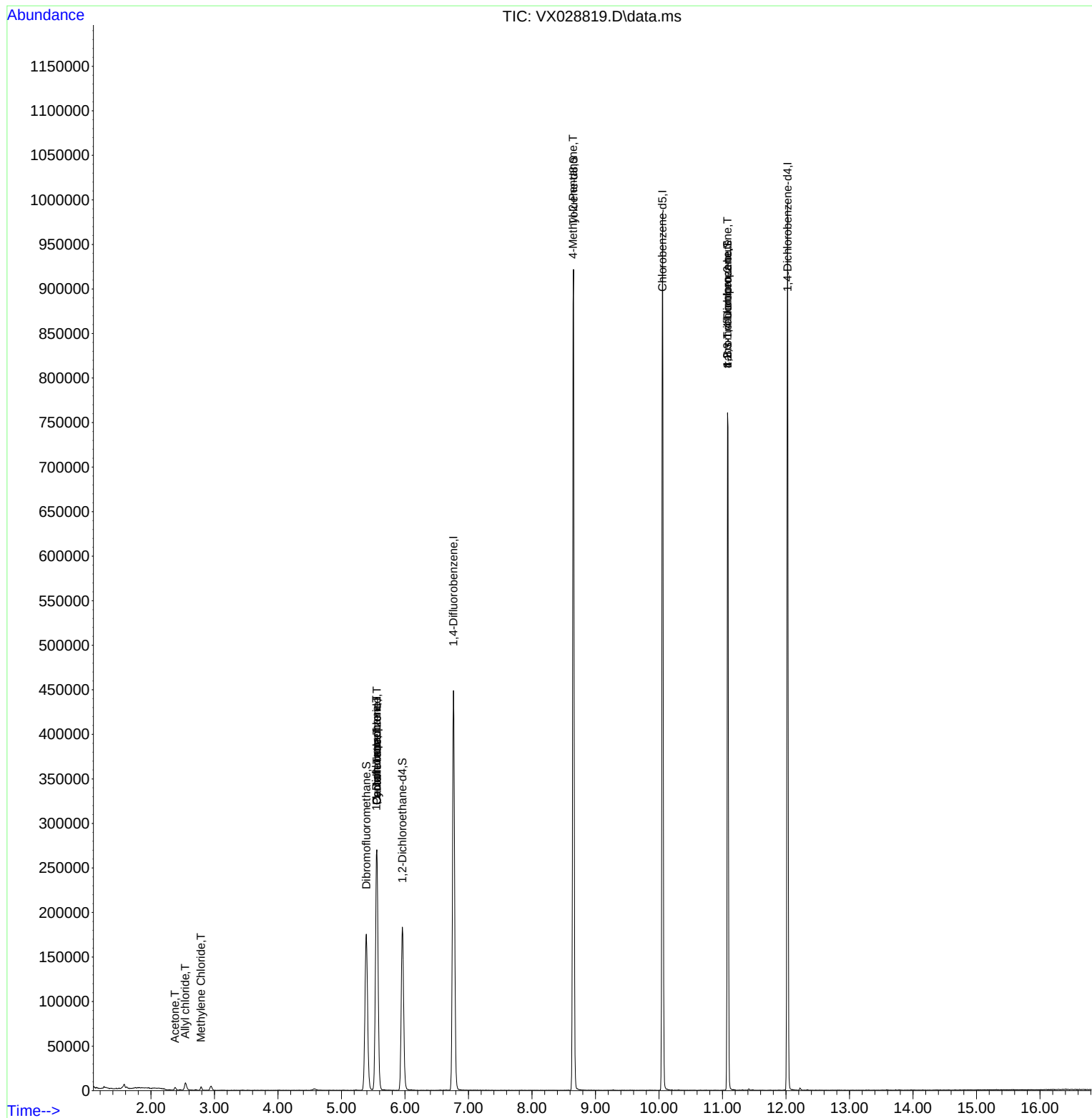
Internal Standards						
1) Pentafluorobenzene	5.556	168	249586	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	453938	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	424717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	194624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	176670	51.639	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.280%	
35) Dibromofluoromethane	5.391	113	149476	50.259	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.520%	
50) Toluene-d8	8.653	98	539299	48.096	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.200%	
62) 4-Bromofluorobenzene	11.079	95	200838	47.954	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 95.900%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	751	Below Cal	#	79
6) Chloroethane	1.697	64	315	Below Cal	#	43
11) Tert butyl alcohol	2.941	59	2657	Below Cal	#	72
14) Allyl chloride	2.538	41	1071	0.259	ug/l #	55
16) Acetone	2.380	43	3391	2.309	ug/l	90
20) Methylene Chloride	2.788	84	1471	0.478	ug/l	87
31) Cyclohexane	5.556	56	5761	1.213	ug/l #	7
36) 1,1-Dichloropropene	5.550	75	20263	4.536	ug/l #	49
38) Carbon Tetrachloride	5.556	117	26962	5.997	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2308	0.480	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	106776	23.427	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	106776	68.348	ug/l #	15

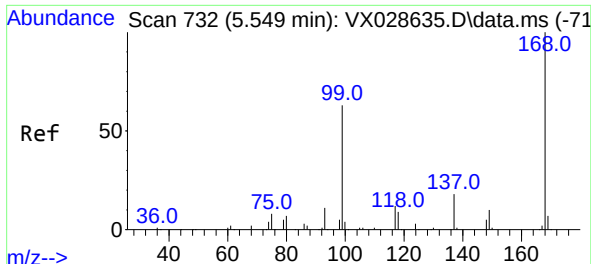
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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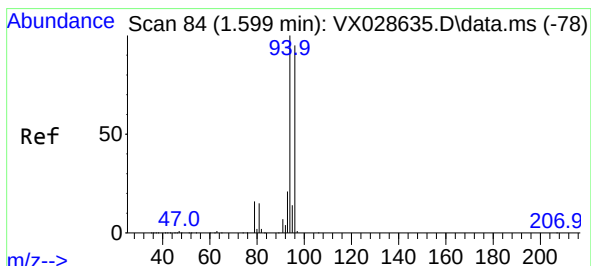
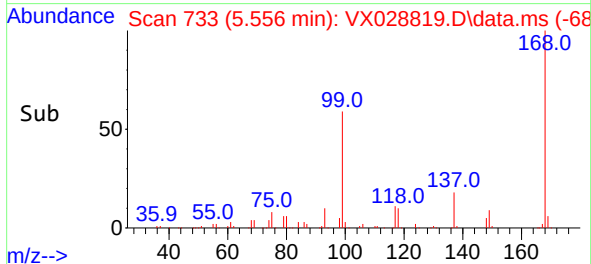
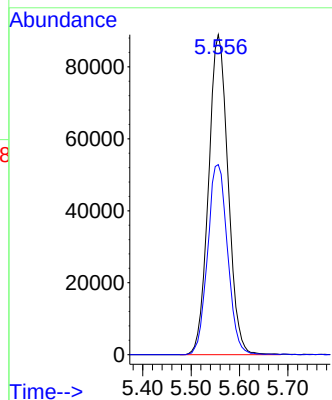
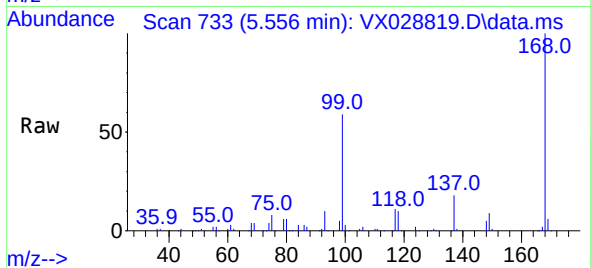




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028819.D
Acq: 19 May 2022 12:49

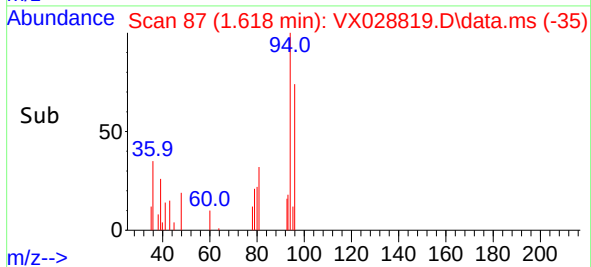
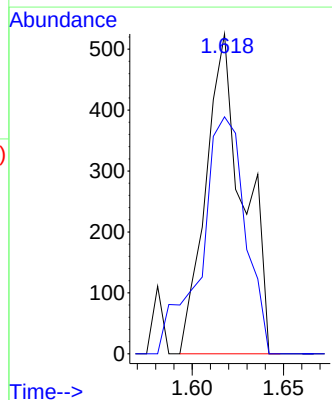
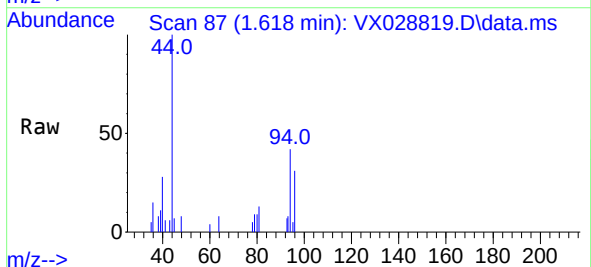
Instrument :
MSVOA_X
ClientSampleId :
TB01-20220518

Tgt Ion:168 Resp: 249586
Ion Ratio Lower Upper
168 100
99 59.4 41.7 62.5

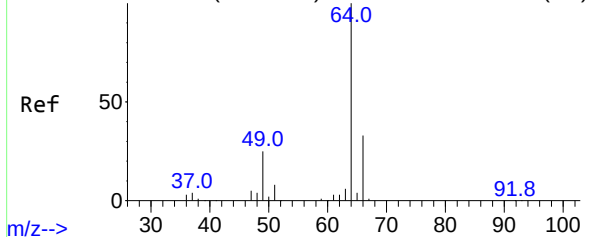


#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX028819.D
Acq: 19 May 2022 12:49

Tgt Ion: 94 Resp: 751
Ion Ratio Lower Upper
94 100
96 74.1 75.3 112.9#

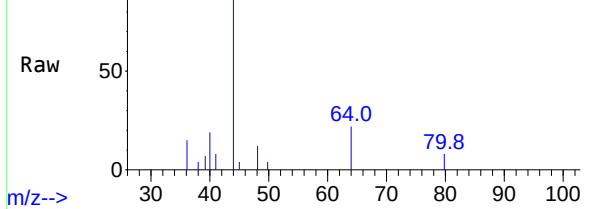


Abundance Scan 97 (1.678 min): VX028635.D\data.ms (-90)



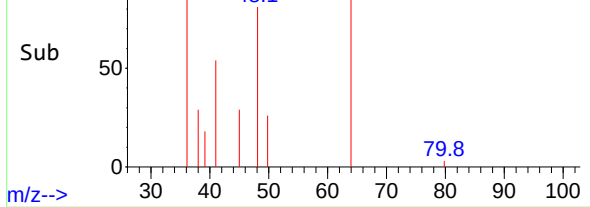
m/z-->

Abundance Scan 100 (1.697 min): VX028819.D\data.ms



m/z-->

Abundance Scan 100 (1.697 min): VX028819.D\data.ms (-48)



m/z-->

#6

Chloroethane

Concen: Below Cal

RT: 1.697 min Scan# 10

Delta R.T. 0.019 min

Lab File: VX028819.D

Acq: 19 May 2022 12:49

Instrument :

MSVOA_X

ClientSampleId :

TB01-20220518

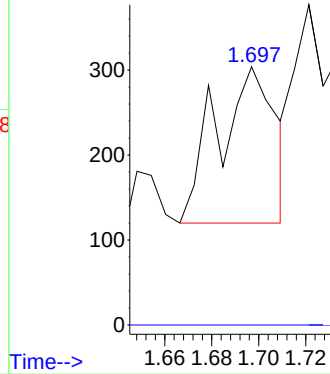
Tgt Ion: 64 Resp: 315

Ion Ratio Lower Upper

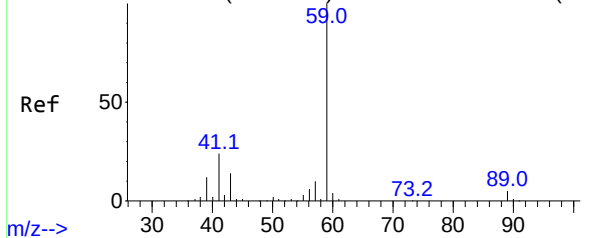
64 100

66 0.0 25.3 37.9#

Abundance

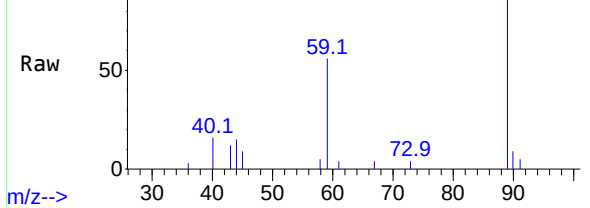


Abundance Scan 307 (2.958 min): VX028635.D\data.ms (-29)



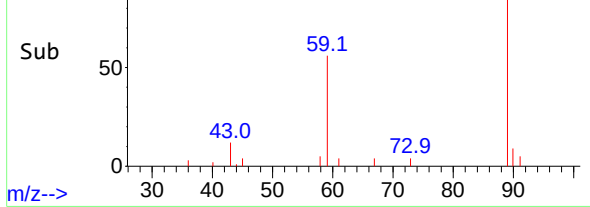
m/z-->

Abundance Scan 304 (2.941 min): VX028819.D\data.ms



m/z-->

Abundance Scan 304 (2.941 min): VX028819.D\data.ms (-25)



m/z-->

#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.941 min Scan# 304

Delta R.T. -0.017 min

Lab File: VX028819.D

Acq: 19 May 2022 12:49

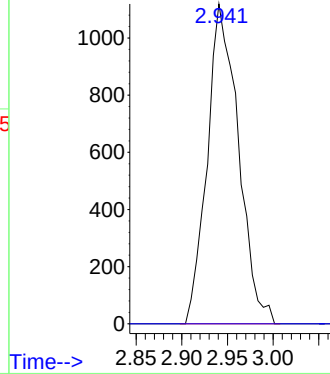
Tgt Ion: 59 Resp: 2657

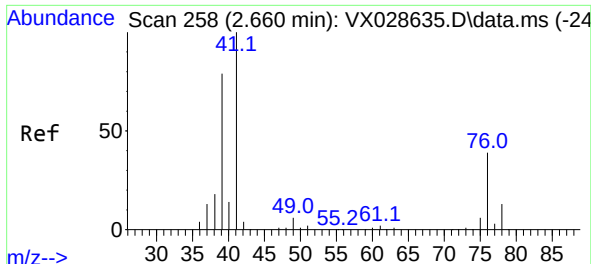
Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#

Abundance

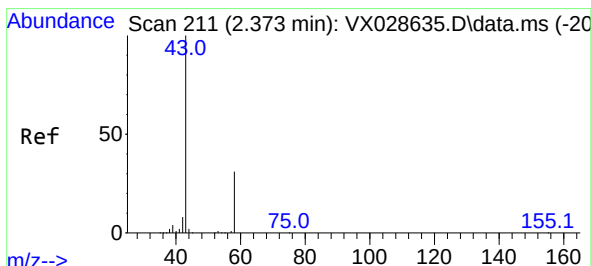
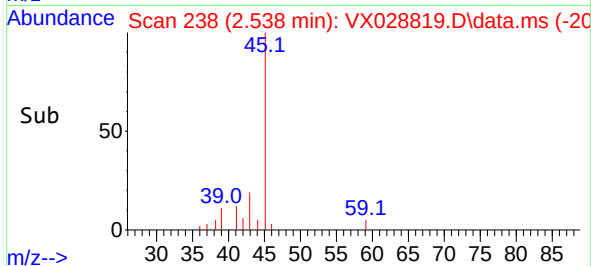
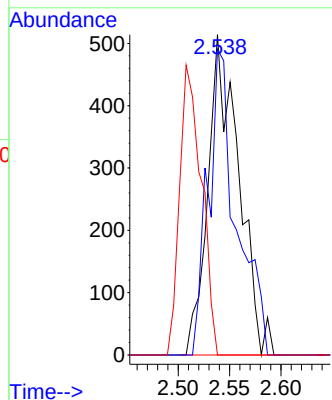
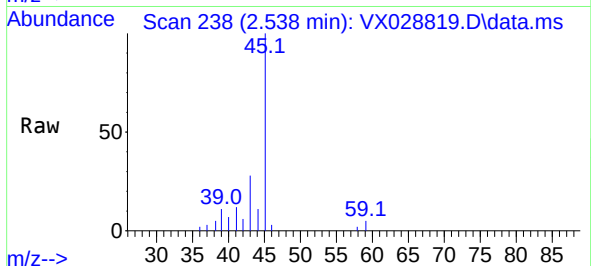




#14
 Allyl chloride
 Concen: 0.259 ug/l
 RT: 2.538 min Scan# 212
 Delta R.T. -0.122 min
 Lab File: VX028819.D
 Acq: 19 May 2022 12:49

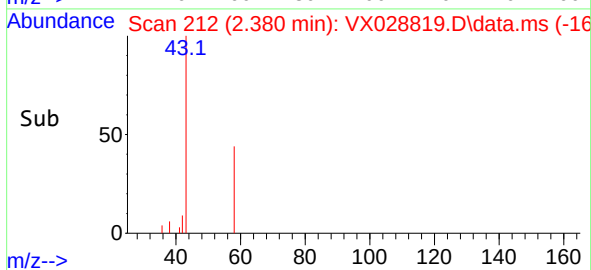
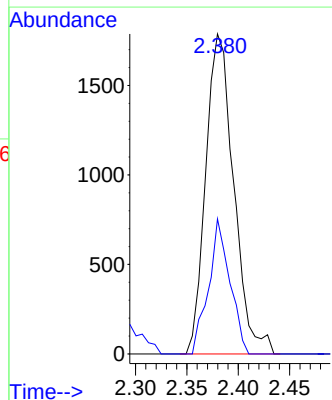
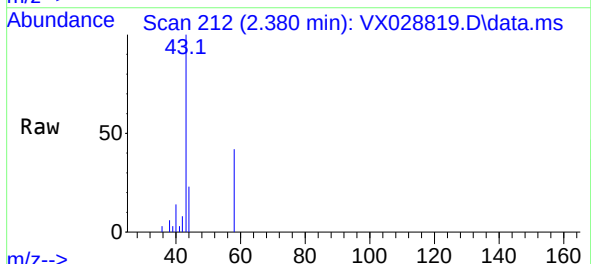
Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20220518

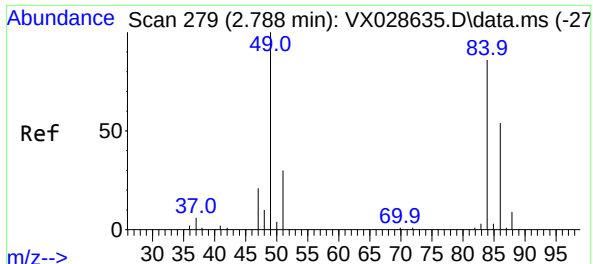
Tgt Ion: 41 Resp: 1071
 Ion Ratio Lower Upper
 41 100
 39 87.6 50.4 75.6#
 76 0.0 32.7 49.1#



#16
 Acetone
 Concen: 2.309 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. 0.007 min
 Lab File: VX028819.D
 Acq: 19 May 2022 12:49

Tgt Ion: 43 Resp: 3391
 Ion Ratio Lower Upper
 43 100
 58 42.2 28.8 43.2



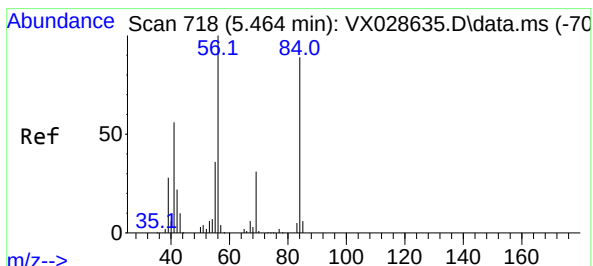
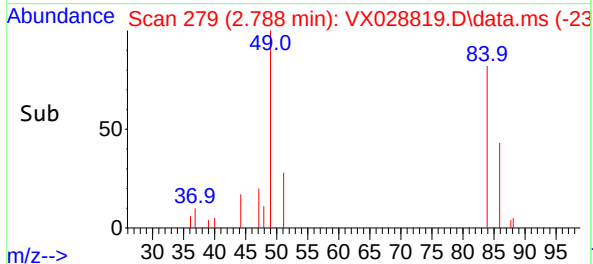
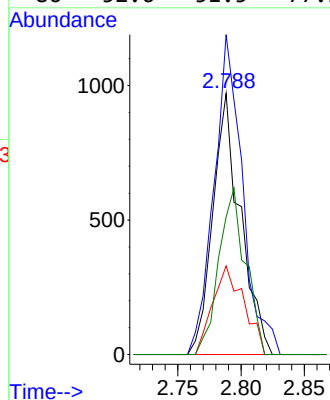
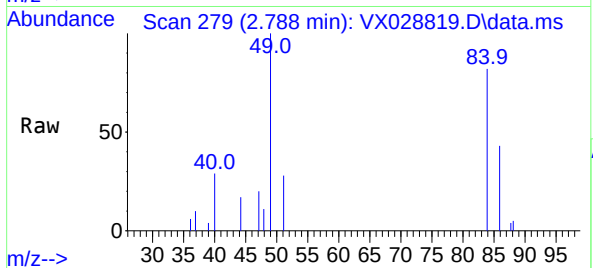


#20
Methylene Chloride
Concen: 0.478 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX028819.D
Acq: 19 May 2022 12:49

Instrument :
MSVOA_X
ClientSampleId :
TB01-20220518

Tgt Ion: 84 Resp: 1471

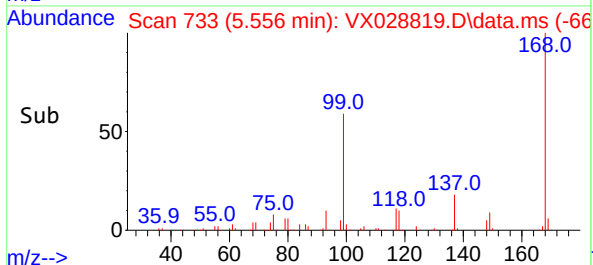
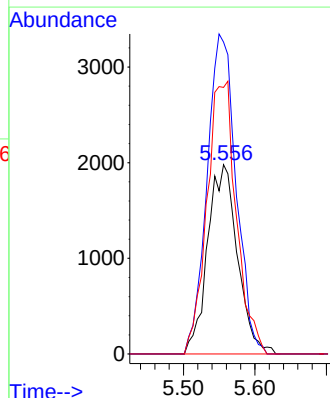
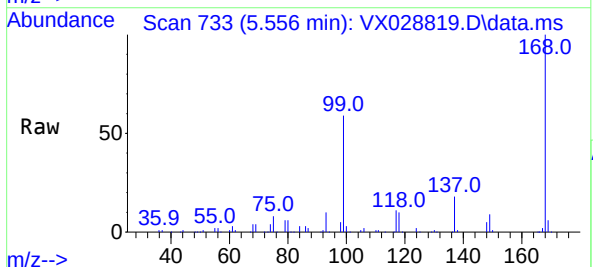
Ion	Ratio	Lower	Upper
84	100		
49	122.5	85.5	128.3
51	34.0	26.6	39.8
86	52.6	51.5	77.3

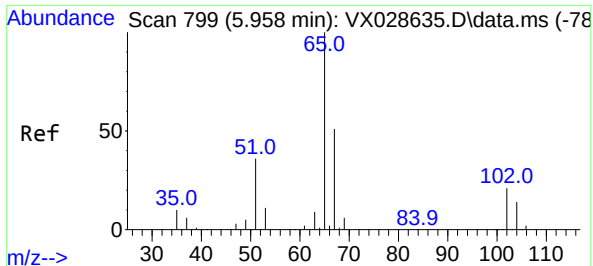


#31
Cyclohexane
Concen: 1.213 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.092 min
Lab File: VX028819.D
Acq: 19 May 2022 12:49

Tgt Ion: 56 Resp: 5761

Ion	Ratio	Lower	Upper
56	100		
69	164.6	26.7	40.1#
84	140.8	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 51.639 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028819.D

Acq: 19 May 2022 12:49

Instrument :

MSVOA_X

ClientSampleId :

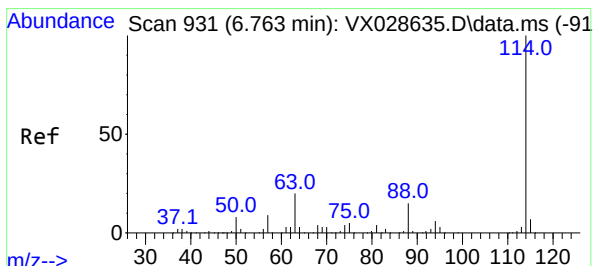
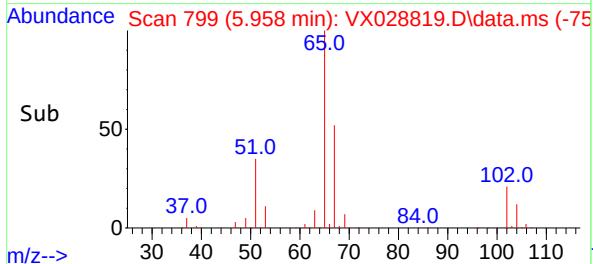
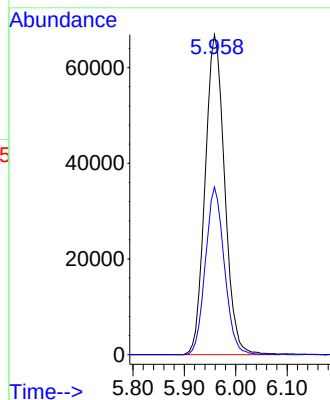
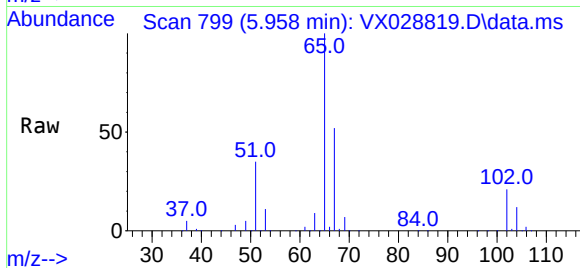
TB01-20220518

Tgt Ion: 65 Resp: 176670

Ion Ratio Lower Upper

65 100

67 50.9 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX028819.D

Acq: 19 May 2022 12:49

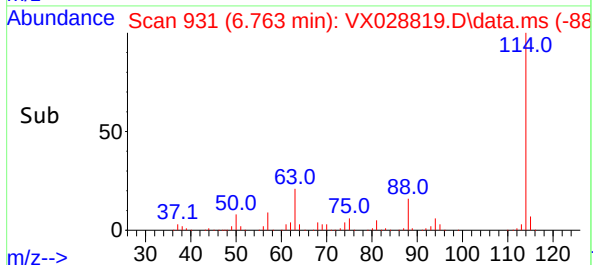
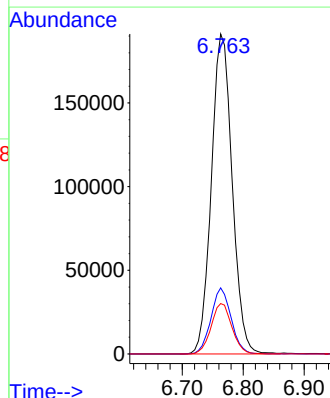
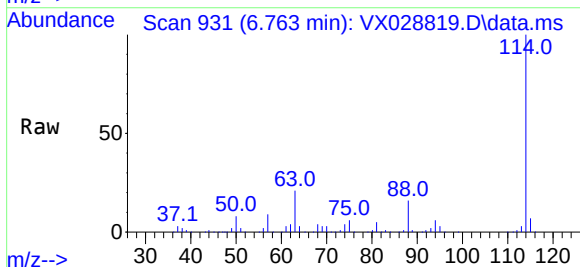
Tgt Ion: 114 Resp: 453938

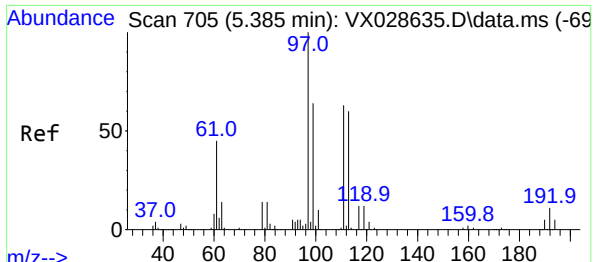
Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.8

88 15.7 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.259 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028819.D

Acq: 19 May 2022 12:49

Instrument :

MSVOA_X

ClientSampleId :

TB01-20220518

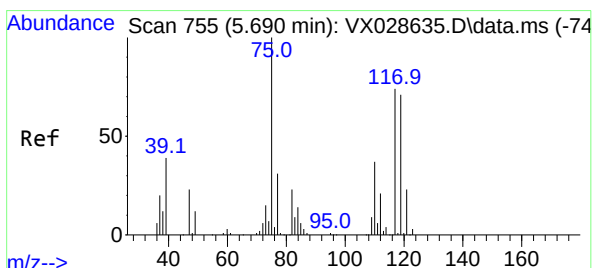
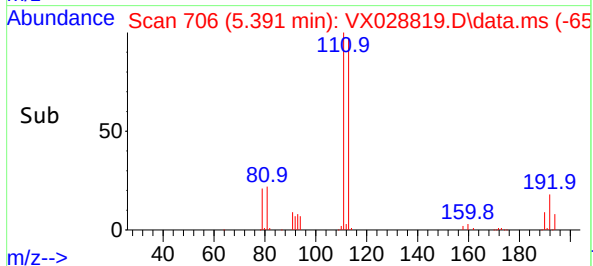
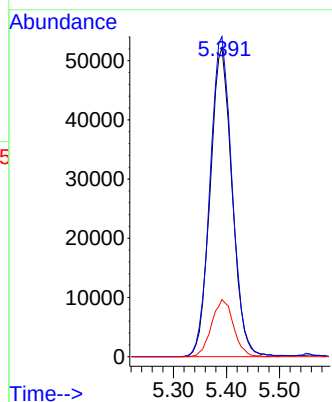
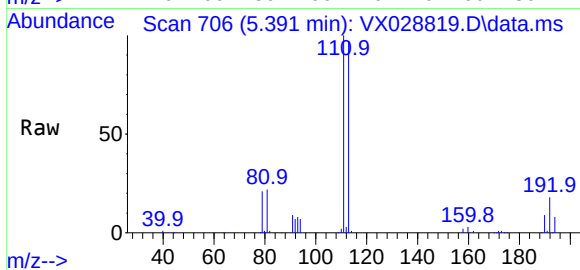
Tgt Ion:113 Resp: 149476

Ion Ratio Lower Upper

113 100

111 104.4 82.8 124.2

192 18.5 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.536 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX028819.D

Acq: 19 May 2022 12:49

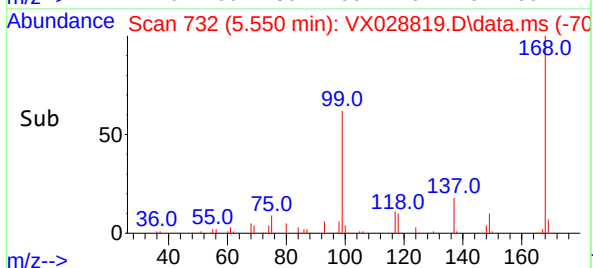
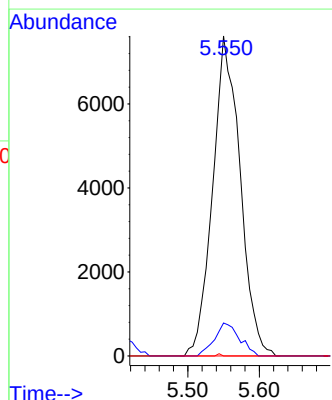
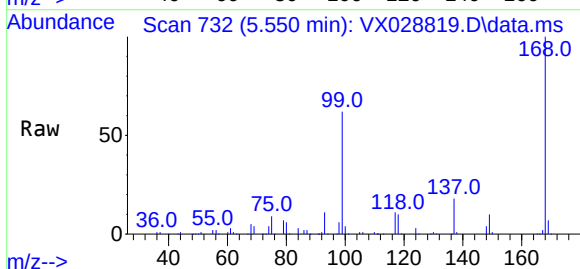
Tgt Ion: 75 Resp: 20263

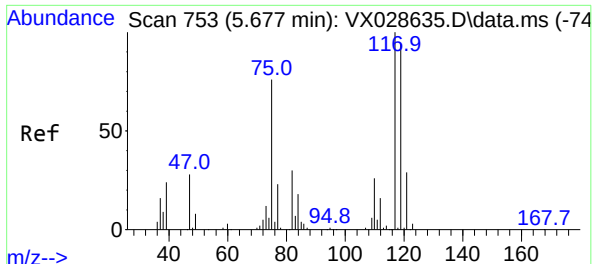
Ion Ratio Lower Upper

75 100

110 9.4 18.3 54.8#

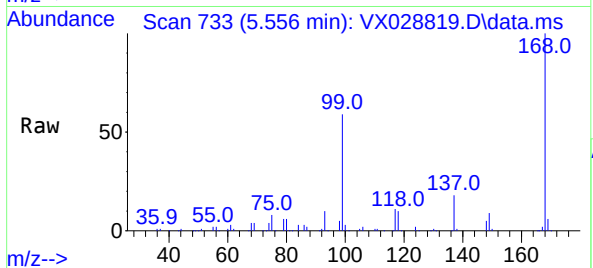
77 0.1 24.8 37.2#



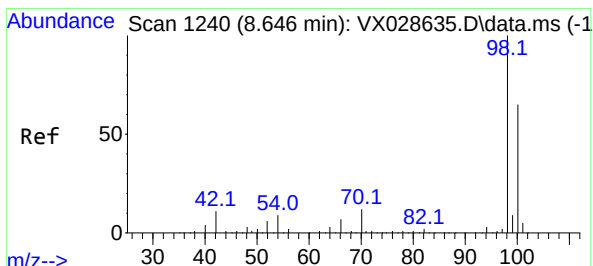
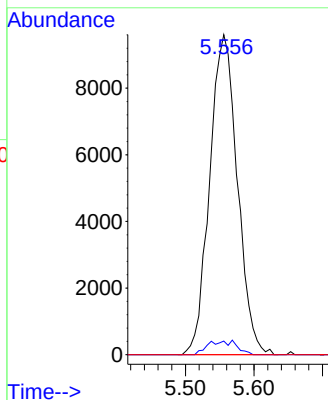
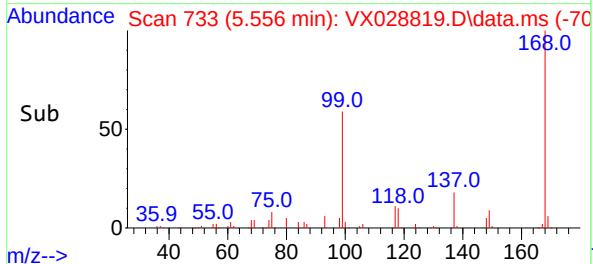


#38
Carbon Tetrachloride
Concen: 5.997 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX028819.D
Acq: 19 May 2022 12:49

Instrument :
MSVOA_X
ClientSampleId :
TB01-20220518

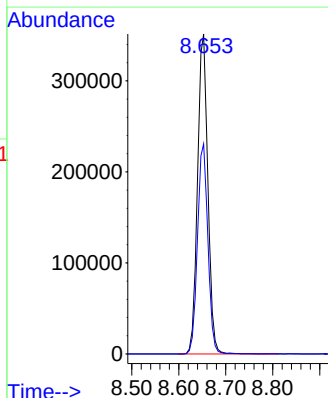
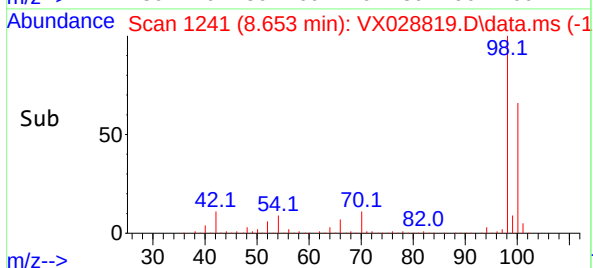
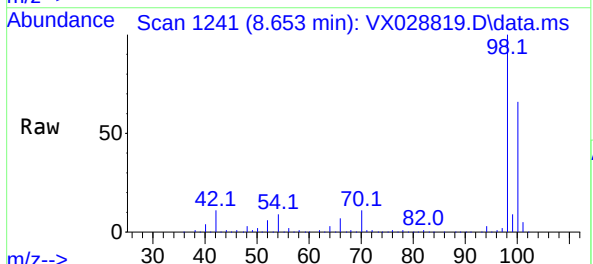


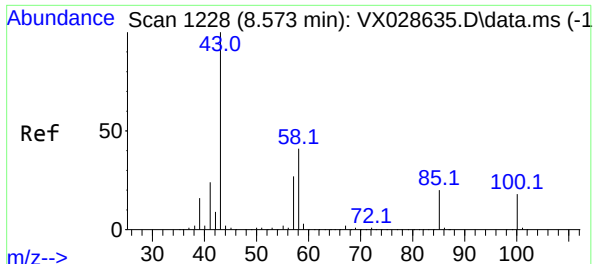
Tgt Ion:117 Resp: 26962
Ion Ratio Lower Upper
117 100
119 4.2 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.096 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028819.D
Acq: 19 May 2022 12:49

Tgt Ion: 98 Resp: 539299
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8

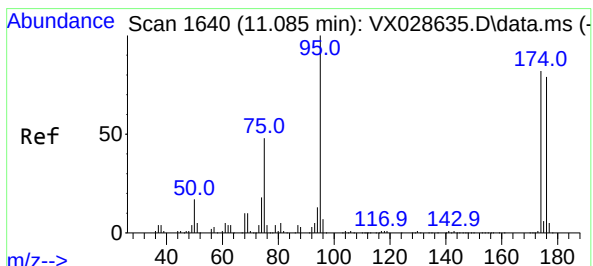
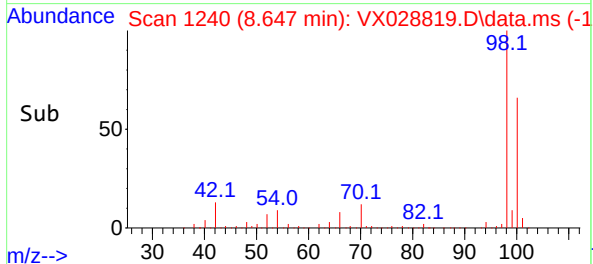
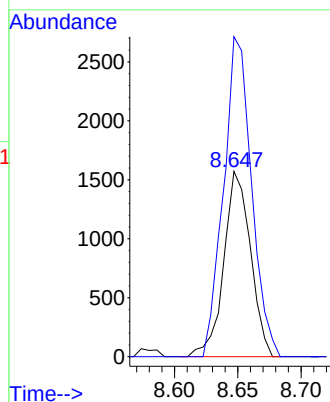
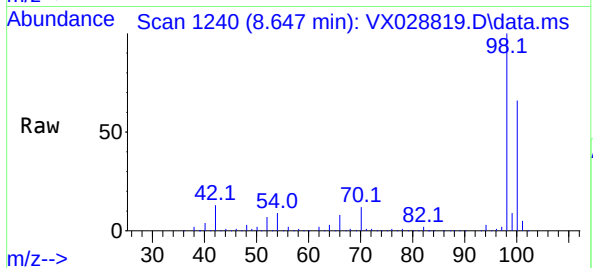




#51
4-Methyl-2-Pentanone
Concen: 0.480 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX028819.D
Acq: 19 May 2022 12:49

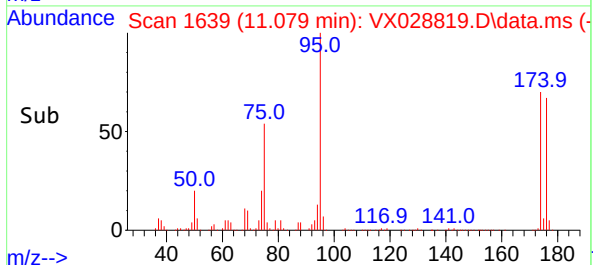
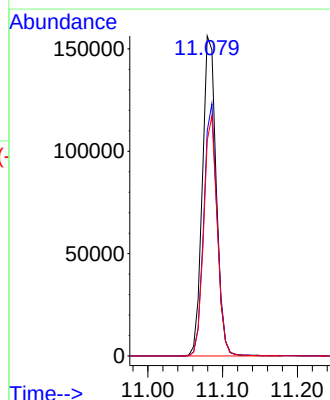
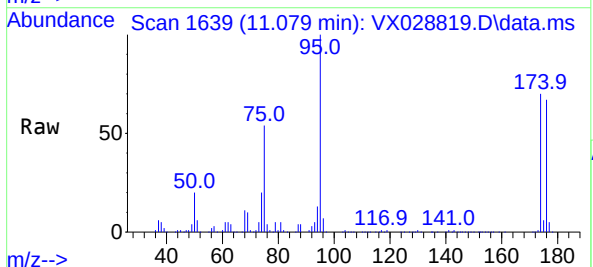
Instrument :
MSVOA_X
ClientSampleId :
TB01-20220518

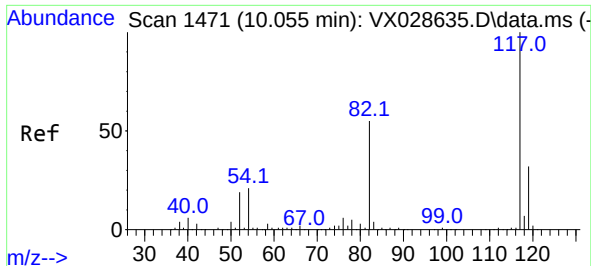
Tgt Ion: 43 Resp: 2308
Ion Ratio Lower Upper
43 100
58 181.0 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 47.954 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028819.D
Acq: 19 May 2022 12:49

Tgt Ion: 95 Resp: 200838
Ion Ratio Lower Upper
95 100
174 76.4 0.0 163.0
176 73.1 0.0 155.0

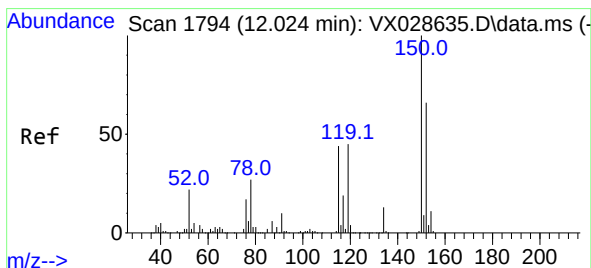
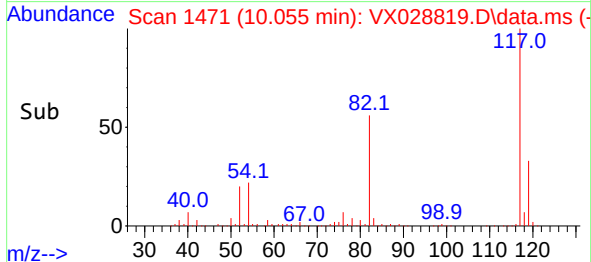
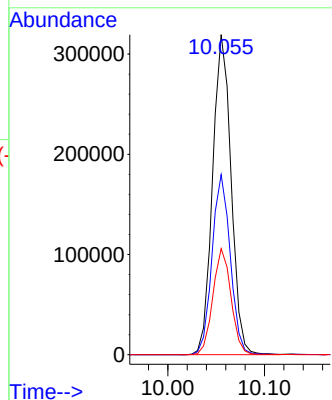
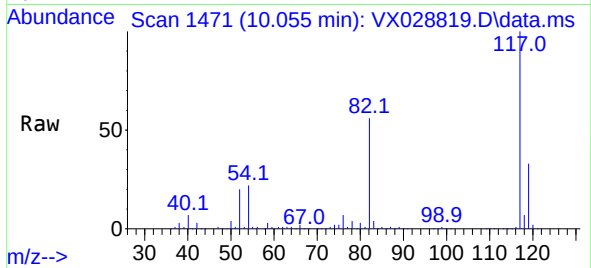




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028819.D
Acq: 19 May 2022 12:49

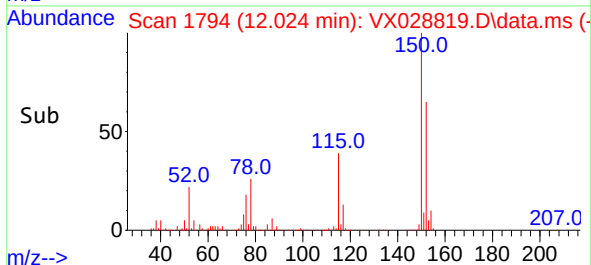
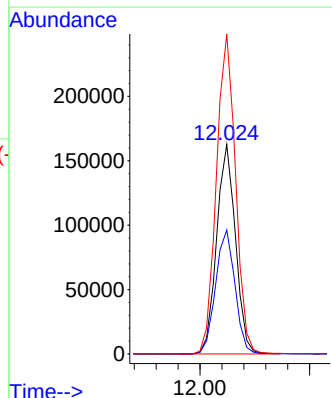
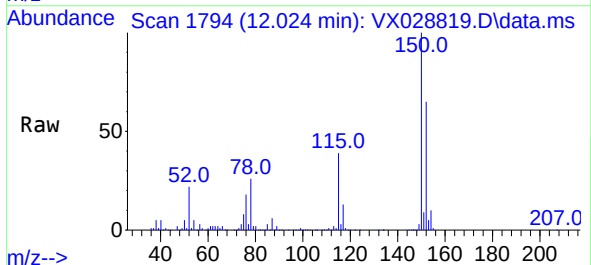
Instrument :
MSVOA_X
ClientSampleId :
TB01-20220518

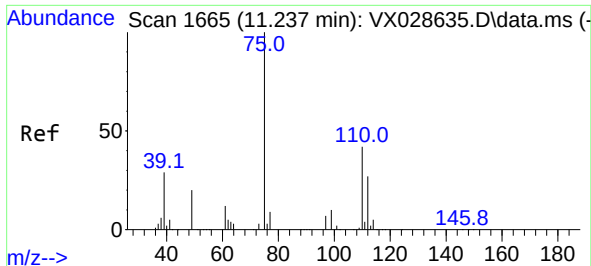
Tgt Ion:117 Resp: 424717
Ion Ratio Lower Upper
117 100
82 56.3 41.8 62.8
119 33.2 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028819.D
Acq: 19 May 2022 12:49

Tgt Ion:152 Resp: 194624
Ion Ratio Lower Upper
152 100
115 60.9 37.5 112.7
150 155.1 0.0 338.2

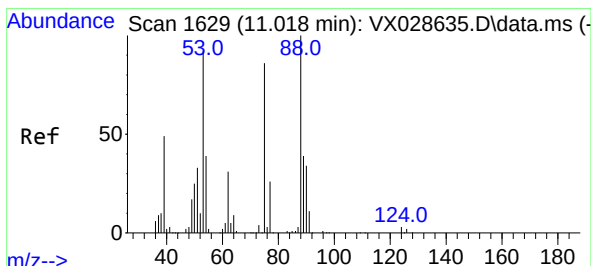
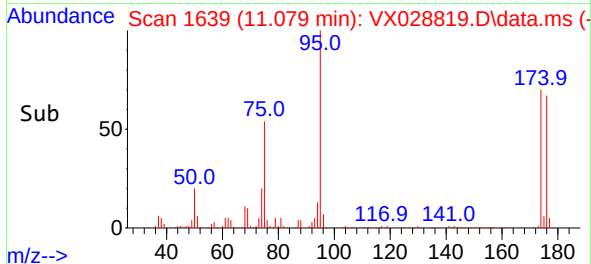
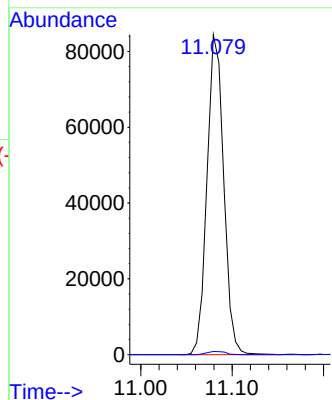
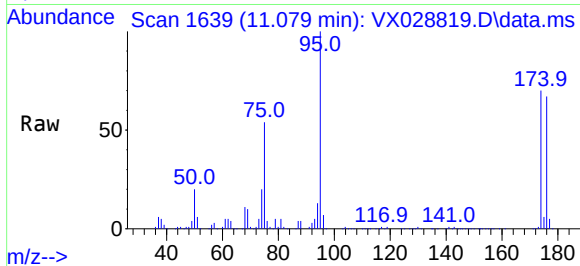




#76
1,2,3-Trichloropropane
Concen: 23.427 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028819.D
Acq: 19 May 2022 12:49

Instrument :
MSVOA_X
ClientSampleId :
TB01-20220518

Tgt Ion: 75 Resp: 106776
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.348 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028819.D
Acq: 19 May 2022 12:49

Tgt Ion: 75 Resp: 106776
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

