

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040822\
 Data File : VX028037.D
 Acq On : 08 Apr 2022 19:04
 Operator : JC/MD
 Sample : N2334-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19D

Quant Time: Apr 11 01:19:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 07 18:12:28 2022
 Response via : Initial Calibration

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

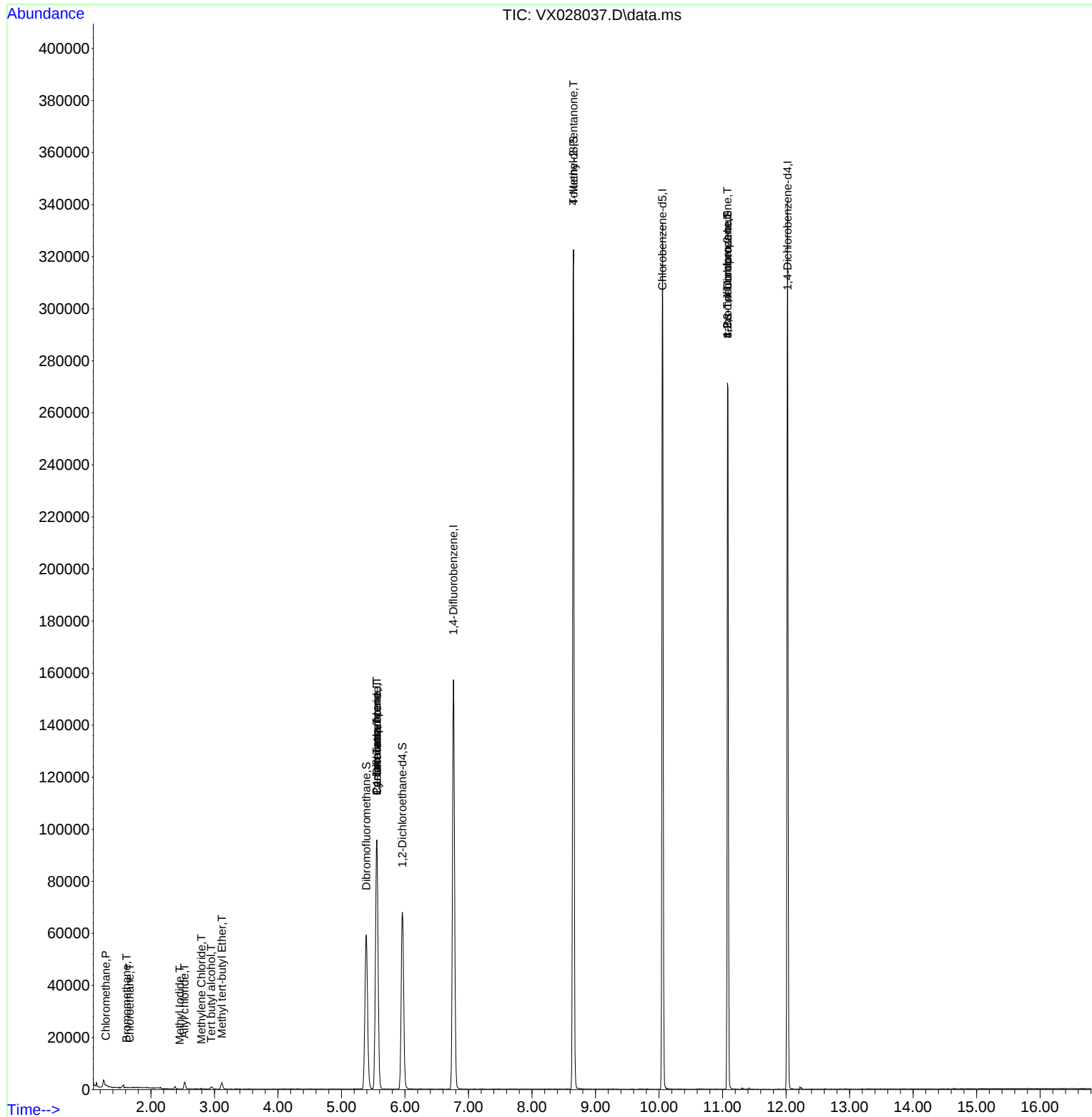
Internal Standards						
1) Pentafluorobenzene	5.556	168	80518	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	145493	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72359	59.200	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	118.400%
35) Dibromofluoromethane	5.391	113	50578	51.789	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.580%
50) Toluene-d8	8.653	98	188664	54.141	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	108.280%
62) 4-Bromofluorobenzene	11.079	95	76290	51.501	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.000%
Target Compounds						
						Qvalue
3) Chloromethane	1.288	50	62	1.528	ug/l #	42
5) Bromomethane	1.618	94	99	0.938	ug/l #	3
6) Chloroethane	1.666	64	88	1.705	ug/l #	43
10) Methyl Iodide	2.453	142	20	6.821	ug/l #	41
11) Tert butyl alcohol	2.947	59	1061	4.927	ug/l #	77
14) Allyl chloride	2.526	41	308	0.213	ug/l #	50
16) Acetone	2.380	43	1009	Below Cal	#	84
17) Carbon Disulfide	2.508	76	161	Below Cal	#	75
19) Methyl tert-butyl Ether	3.117	73	2458	0.823	ug/l #	87
20) Methylene Chloride	2.794	84	158	2.494	ug/l #	61
31) Cyclohexane	5.556	56	2435	1.643	ug/l #	23
36) 1,1-Dichloropropene	5.556	75	7887	5.492	ug/l #	51
38) Carbon Tetrachloride	5.556	117	9630	6.196	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	917	0.553	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	36774	20.918	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	36774	65.871	ug/l #	15

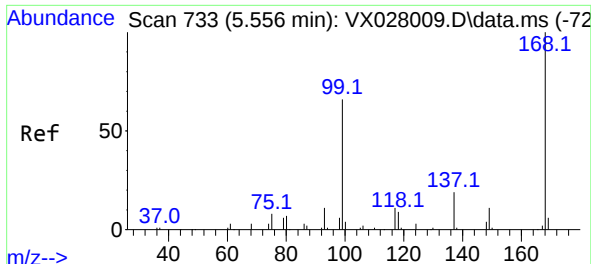
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 11 01:19:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040722W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 07 18:12:28 2022
Response via : Initial Calibration

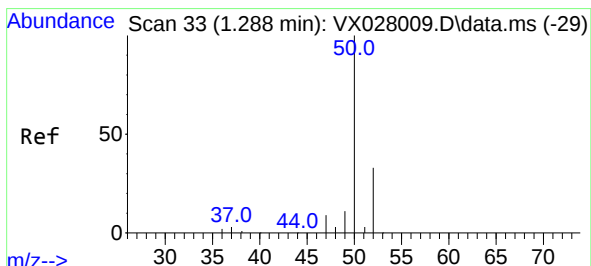
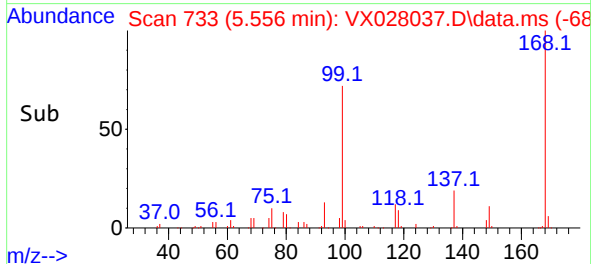
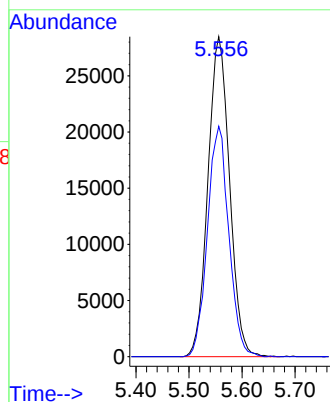
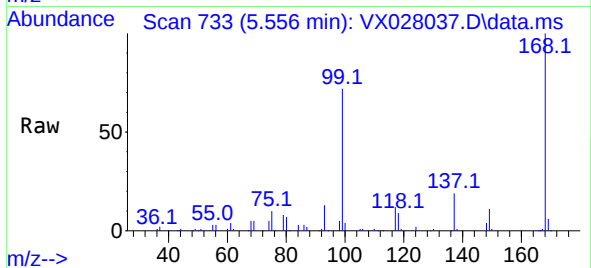




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028037.D
Acq: 08 Apr 2022 19:04

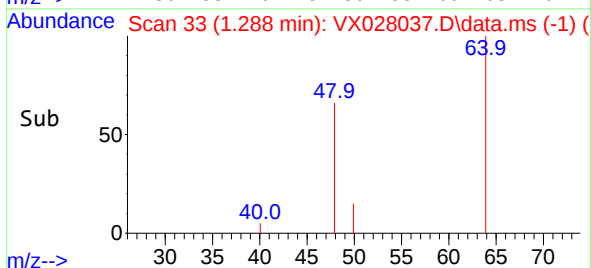
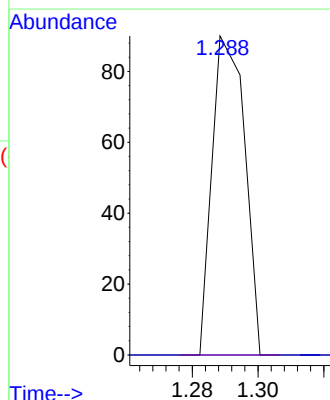
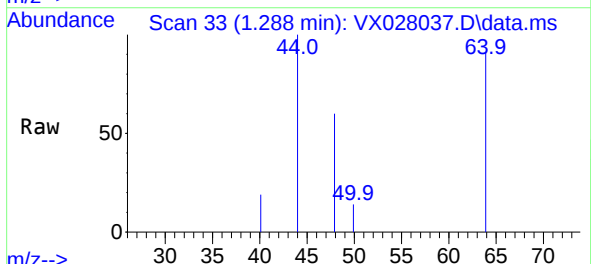
Instrument :
MSVOA_X
ClientSampleId :
MW-19D

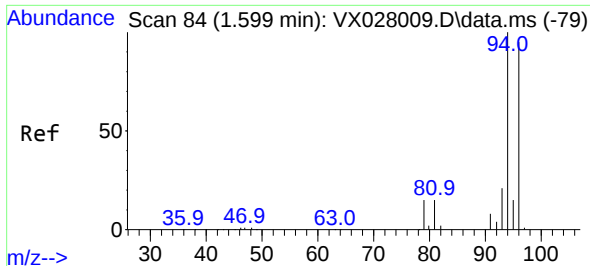
Tgt Ion:168 Resp: 80518
Ion Ratio Lower Upper
168 100
99 72.0 41.7 62.5#



#3
Chloromethane
Concen: 1.528 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX028037.D
Acq: 08 Apr 2022 19:04

Tgt Ion: 50 Resp: 62
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

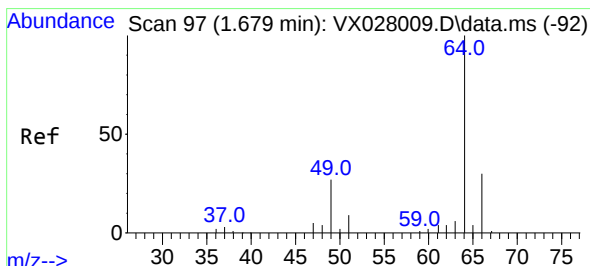
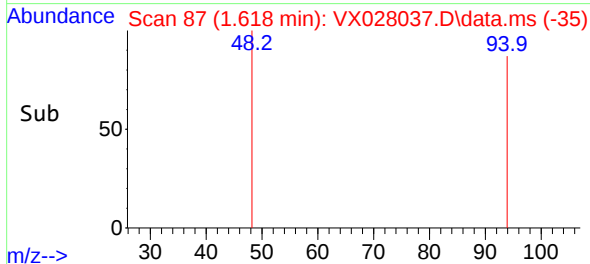
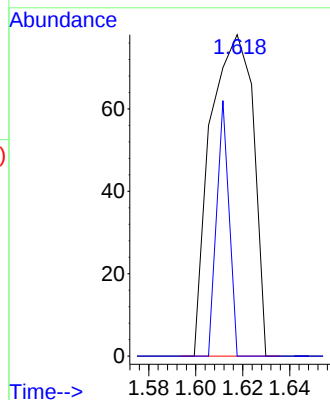
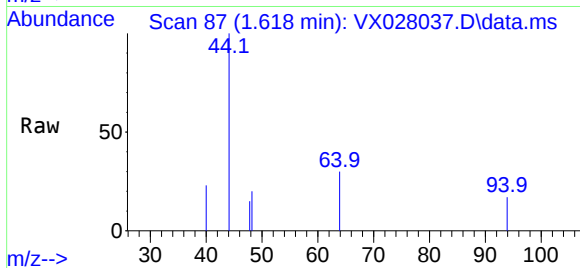




#5
Bromomethane
Concen: 0.938 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX028037.D
Acq: 08 Apr 2022 19:04

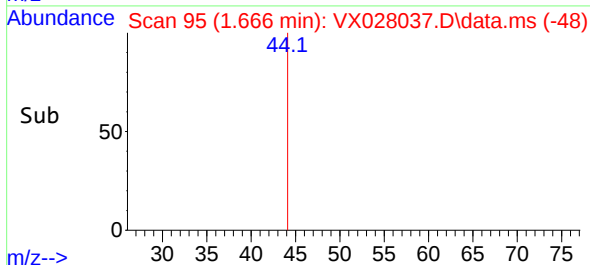
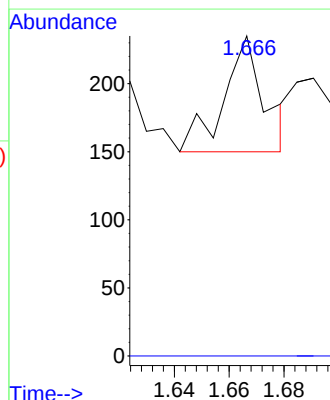
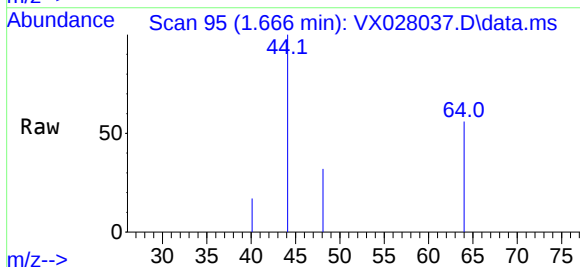
Instrument :
MSVOA_X
ClientSampleId :
MW-19D

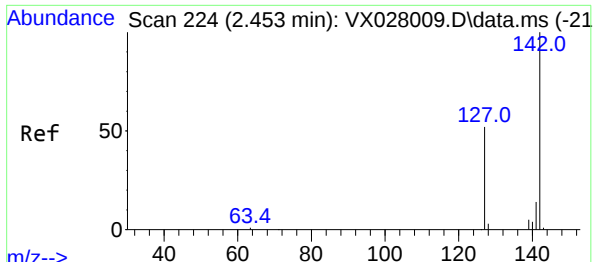
Tgt Ion: 94 Resp: 99
Ion Ratio Lower Upper
94 100
96 0.0 75.3 112.9#



#6
Chloroethane
Concen: 1.705 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.013 min
Lab File: VX028037.D
Acq: 08 Apr 2022 19:04

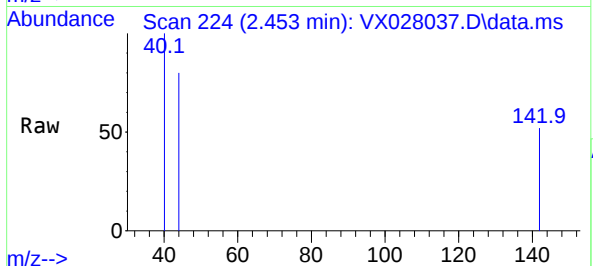
Tgt Ion: 64 Resp: 88
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



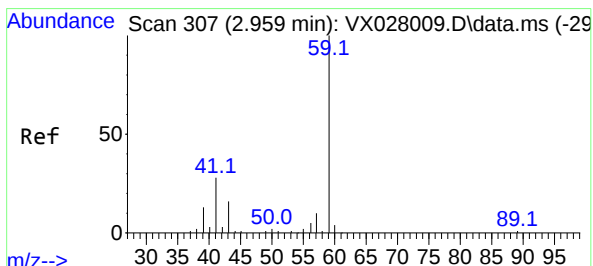
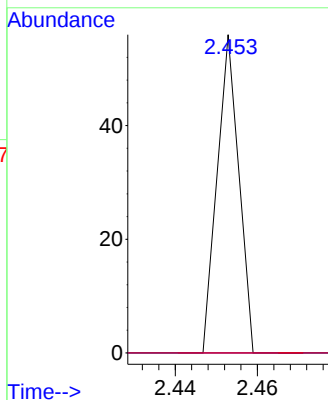
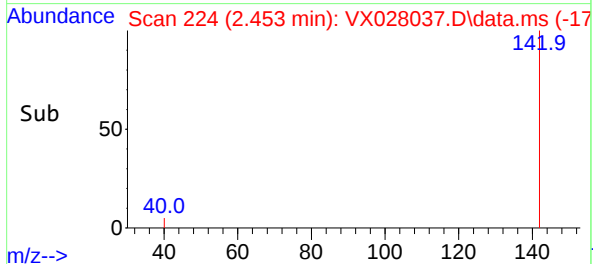


#10
Methyl Iodide
Concen: 6.821 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX028037.D
Acq: 08 Apr 2022 19:04

Instrument :
MSVOA_X
ClientSampleId :
MW-19D

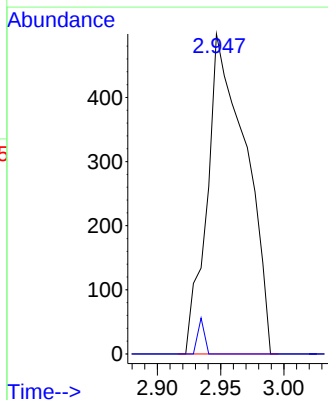
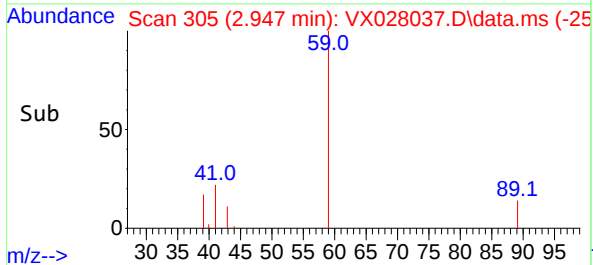
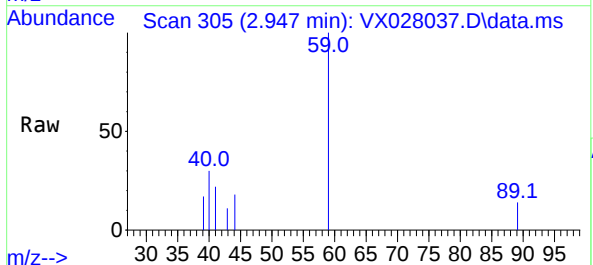


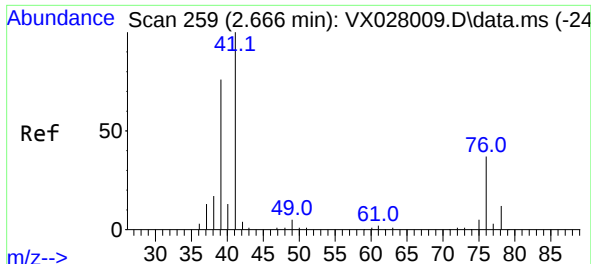
Tgt Ion:142 Resp: 20
Ion Ratio Lower Upper
142 100
127 0.0 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 4.927 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX028037.D
Acq: 08 Apr 2022 19:04

Tgt Ion: 59 Resp: 1061
Ion Ratio Lower Upper
59 100
57 1.9 8.3 12.5#

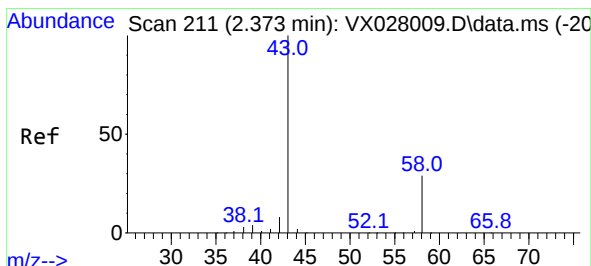
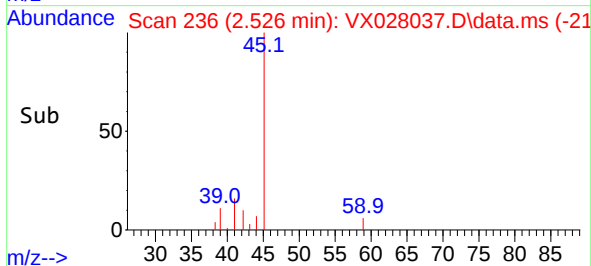
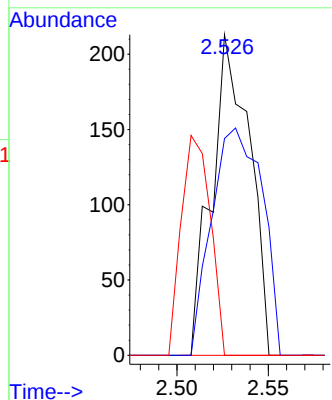
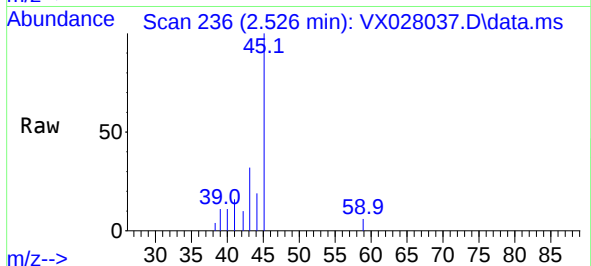




#14
Allyl chloride
Concen: 0.213 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.140 min
Lab File: VX028037.D
Acq: 08 Apr 2022 19:04

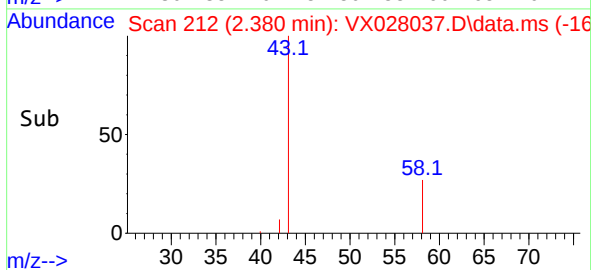
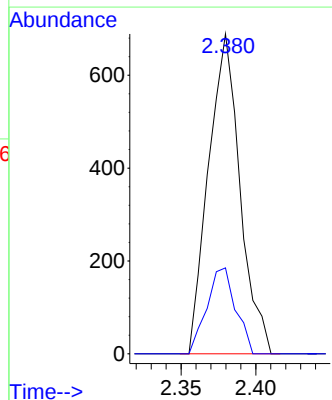
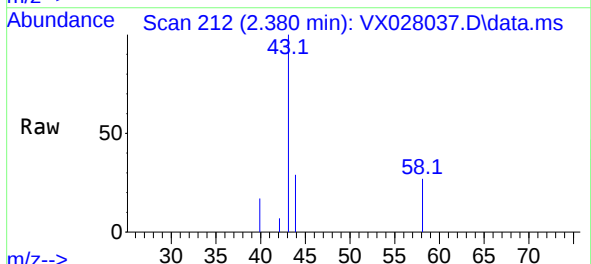
Instrument :
MSVOA_X
ClientSampleId :
MW-19D

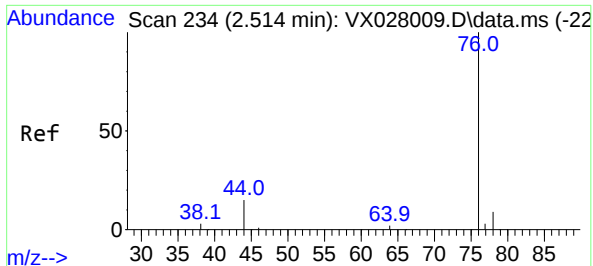
Tgt Ion: 41 Resp: 308
Ion Ratio Lower Upper
41 100
39 94.5 50.4 75.6#
76 0.0 32.7 49.1#



#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028037.D
Acq: 08 Apr 2022 19:04

Tgt Ion: 43 Resp: 1009
Ion Ratio Lower Upper
43 100
58 26.9 28.8 43.2#

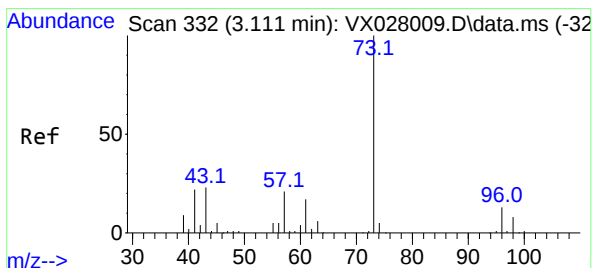
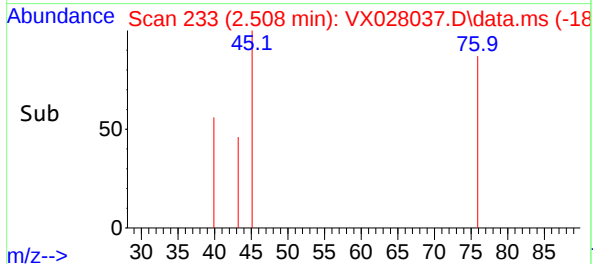
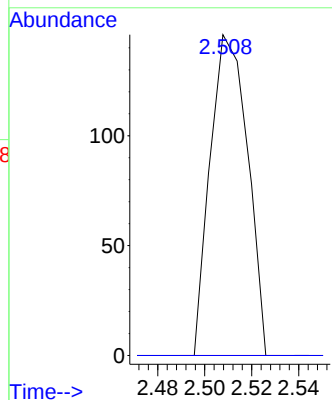
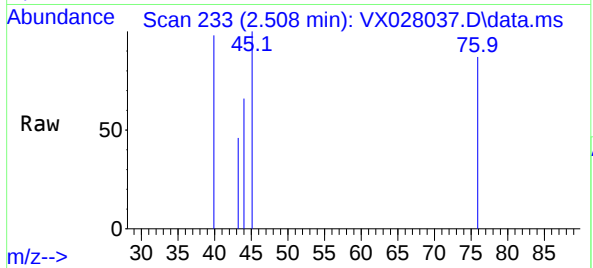




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX028037.D
Acq: 08 Apr 2022 19:04

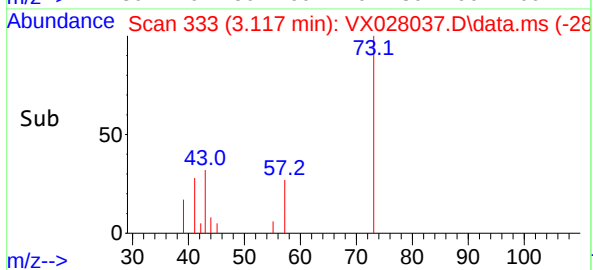
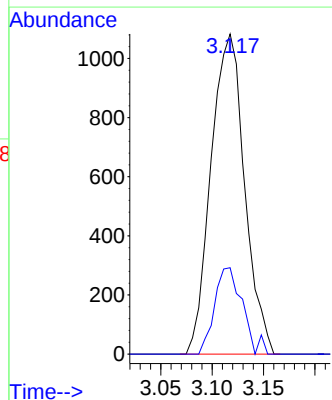
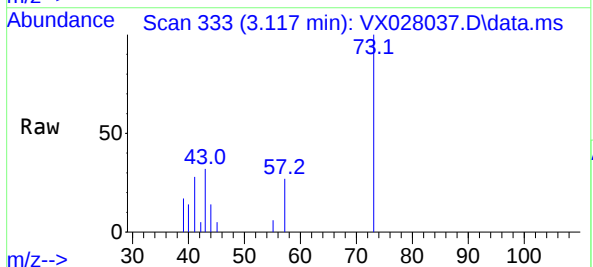
Instrument :
MSVOA_X
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MW-19D

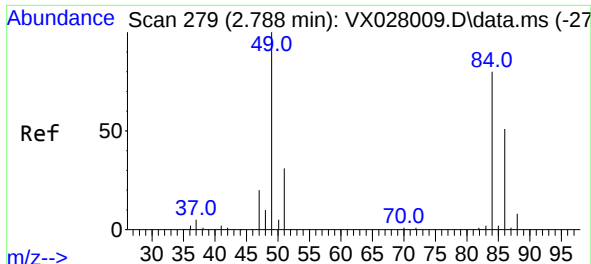
Tgt Ion: 76 Resp: 161
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#19
Methyl tert-butyl Ether
Concen: 0.823 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX028037.D
Acq: 08 Apr 2022 19:04

Tgt Ion: 73 Resp: 2458
Ion Ratio Lower Upper
73 100
57 27.0 16.8 25.2#

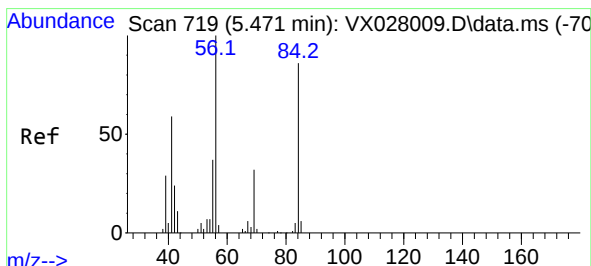
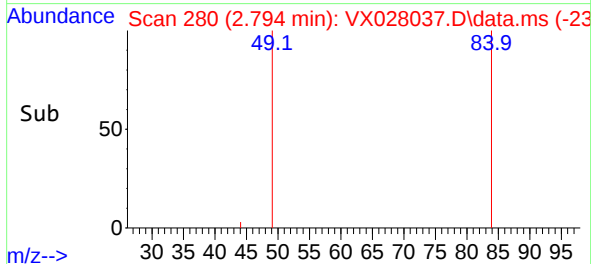
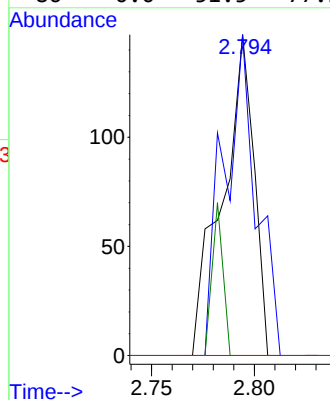
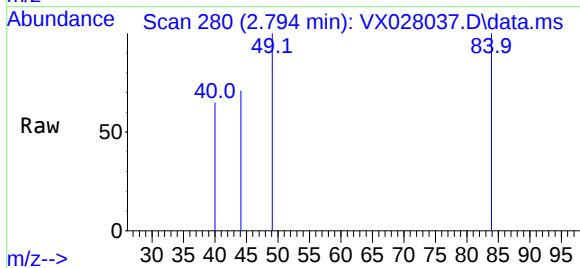




#20
Methylene Chloride
Concen: 2.494 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028037.D
Acq: 08 Apr 2022 19:04

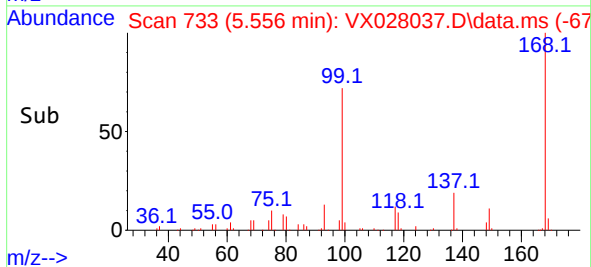
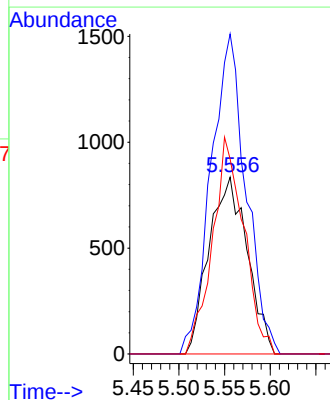
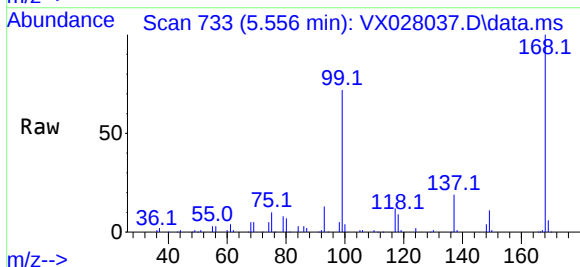
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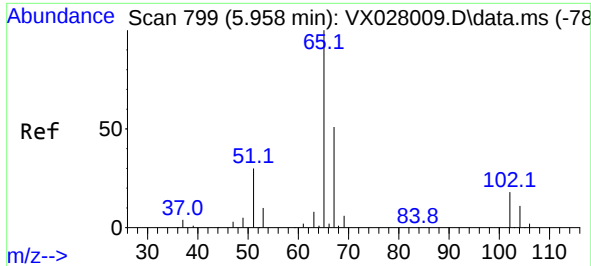
Tgt Ion: 84	Resp:	158	
Ion	Ratio	Lower	Upper
84	100		
49	100.0	85.5	128.3
51	0.0	26.6	39.8#
86	0.0	51.5	77.3#



#31
Cyclohexane
Concen: 1.643 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX028037.D
Acq: 08 Apr 2022 19:04

Tgt Ion: 56	Resp:	2435	
Ion	Ratio	Lower	Upper
56	100		
69	181.0	26.7	40.1#
84	110.2	77.2	115.8

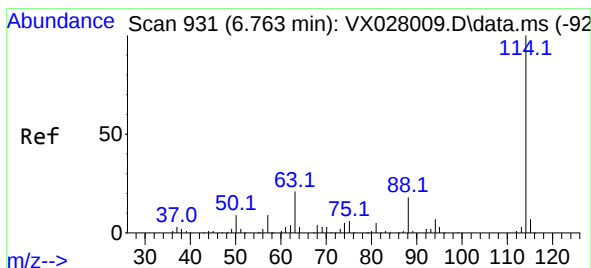
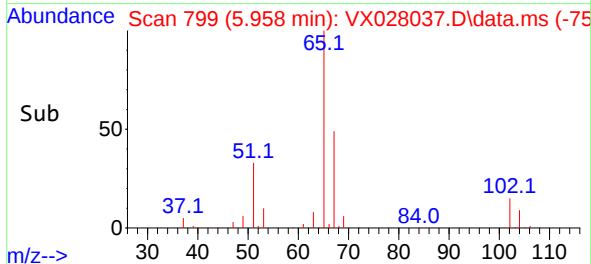
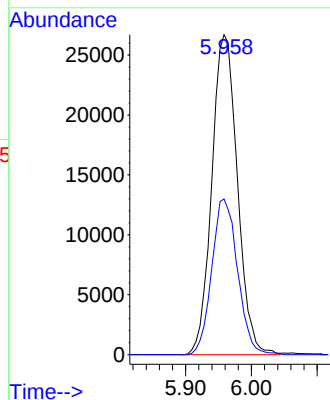
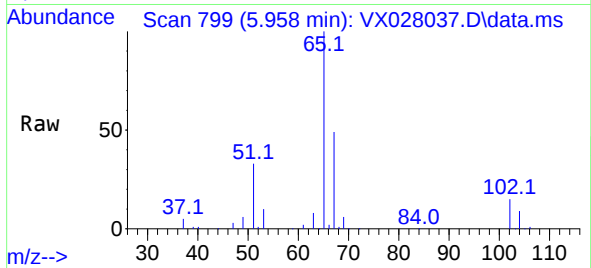




#33
1,2-Dichloroethane-d4
Concen: 59.200 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028037.D
Acq: 08 Apr 2022 19:04

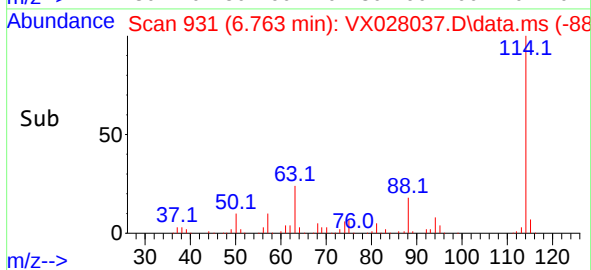
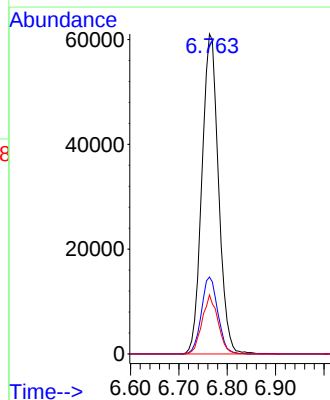
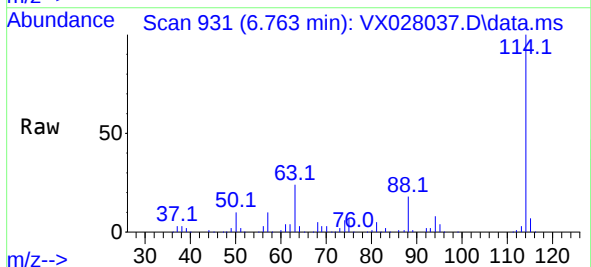
Instrument :
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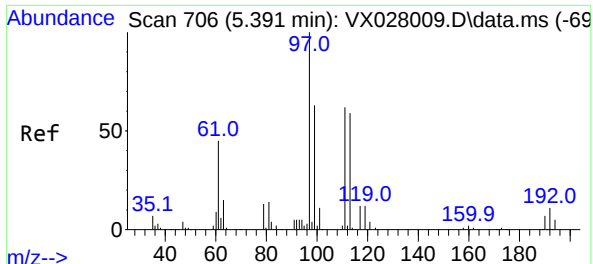
Tgt Ion: 65 Resp: 72359
Ion Ratio Lower Upper
65 100
67 49.0 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX028037.D
Acq: 08 Apr 2022 19:04

Tgt Ion: 114 Resp: 145493
Ion Ratio Lower Upper
114 100
63 24.0 0.0 36.8
88 18.5 0.0 32.4

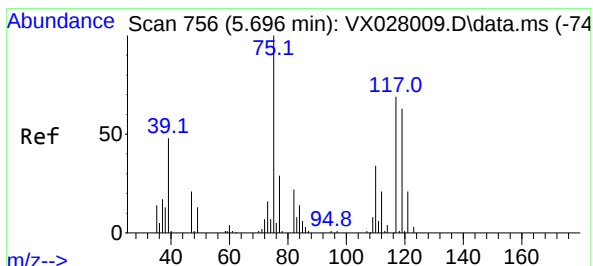
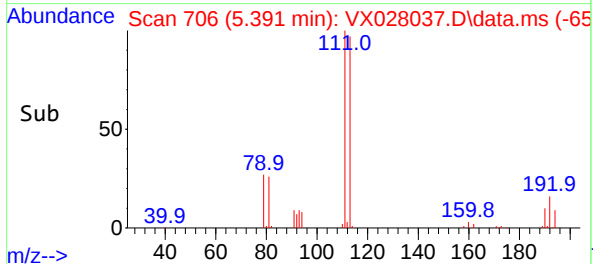
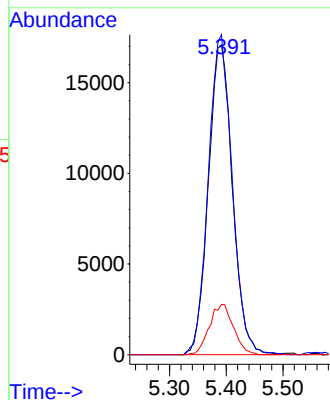
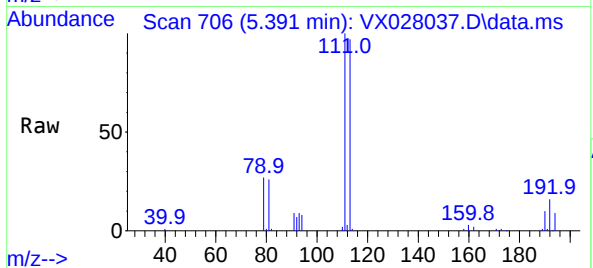




#35
Dibromofluoromethane
Concen: 51.789 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX028037.D
Acq: 08 Apr 2022 19:04

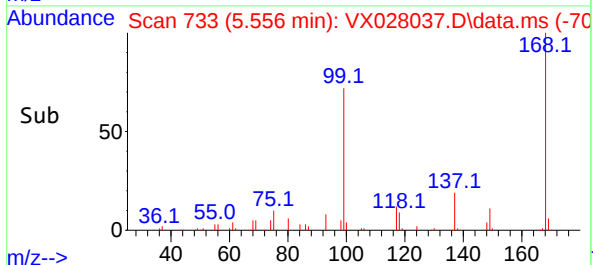
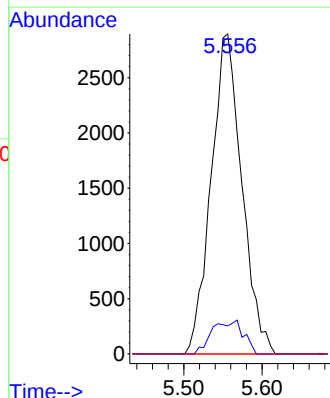
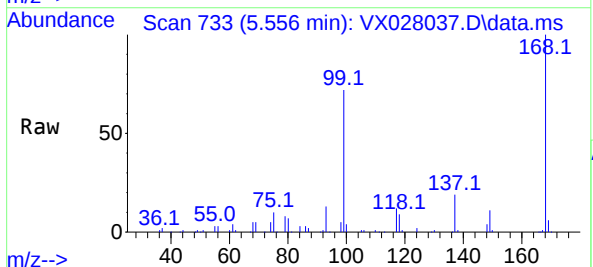
Instrument :
MSVOA_X
ClientSampleId :
MW-19D

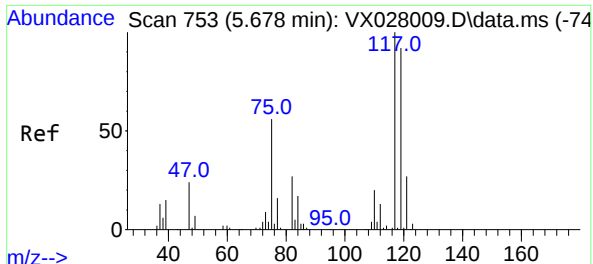
Tgt Ion:113 Resp: 50578
Ion Ratio Lower Upper
113 100
111 102.0 82.8 124.2
192 16.2 16.9 25.3#



#36
1,1-Dichloropropene
Concen: 5.492 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX028037.D
Acq: 08 Apr 2022 19:04

Tgt Ion: 75 Resp: 7887
Ion Ratio Lower Upper
75 100
110 10.7 18.3 54.8#
77 0.0 24.8 37.2#

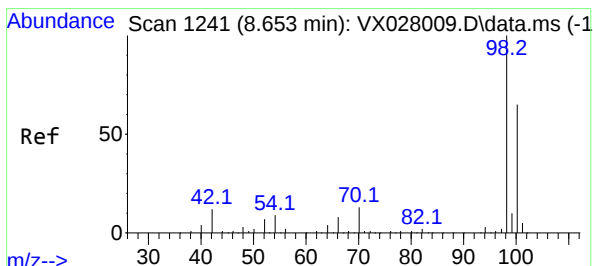
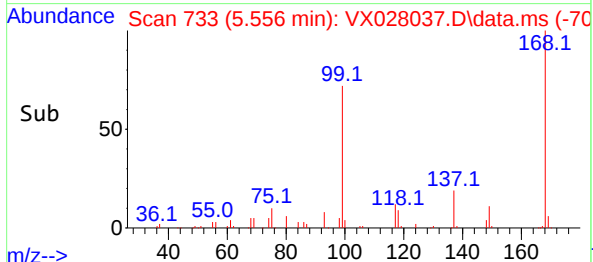
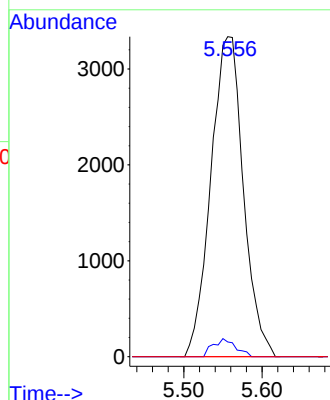
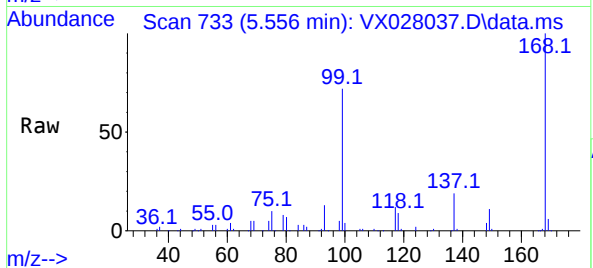




#38
Carbon Tetrachloride
Concen: 6.196 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX028037.D
Acq: 08 Apr 2022 19:04

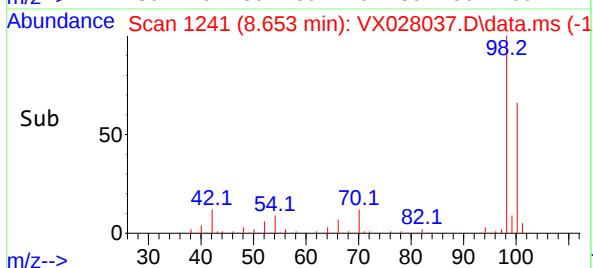
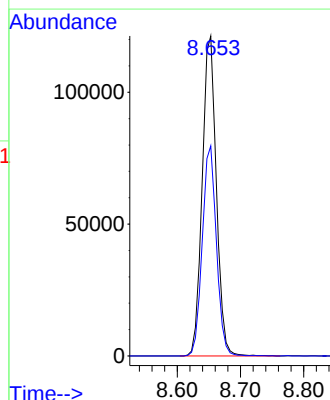
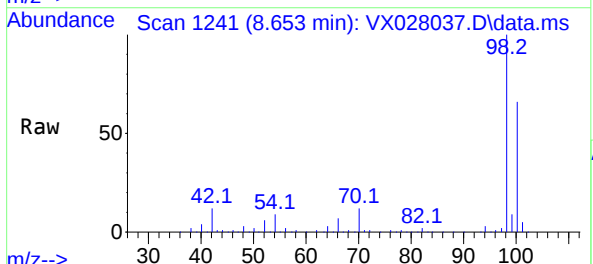
Instrument :
MSVOA_X
ClientSampleId :
MW-19D

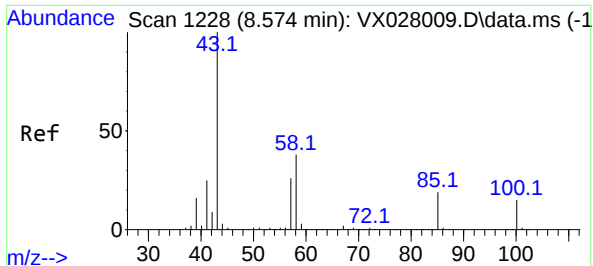
Tgt Ion:117 Resp: 9630
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 54.141 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028037.D
Acq: 08 Apr 2022 19:04

Tgt Ion: 98 Resp: 188664
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.553 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX028037.D

Acq: 08 Apr 2022 19:04

Instrument :

MSVOA_X

ClientSampleId :

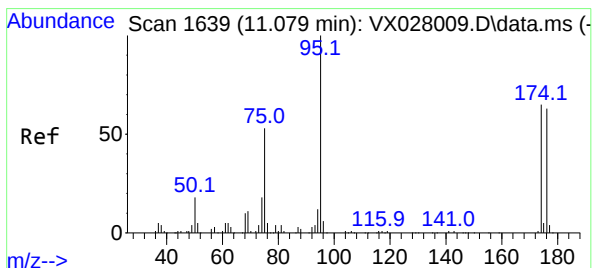
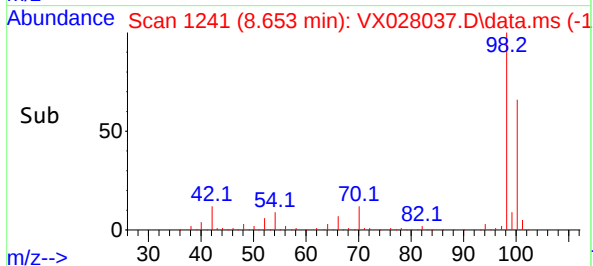
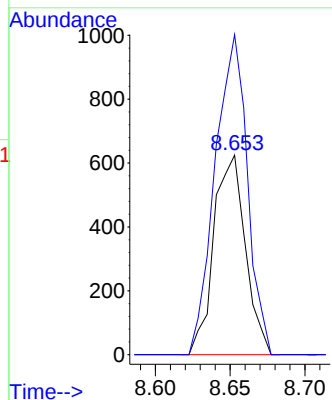
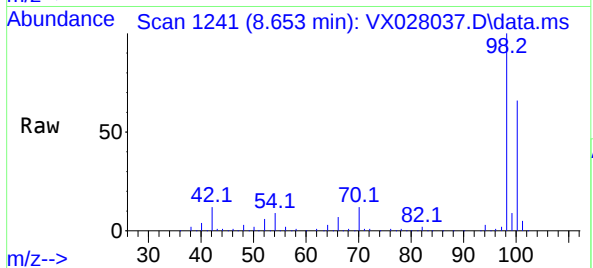
MW-19D

Tgt Ion: 43 Resp: 917

Ion Ratio Lower Upper

43 100

58 163.9 36.1 54.1#



#62

4-Bromofluorobenzene

Concen: 51.501 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX028037.D

Acq: 08 Apr 2022 19:04

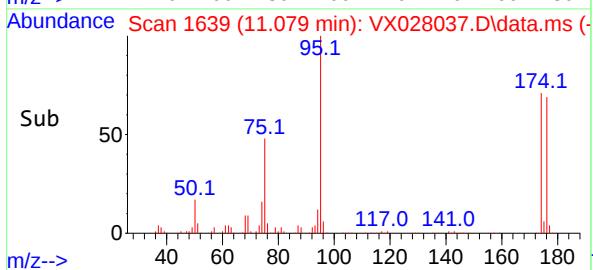
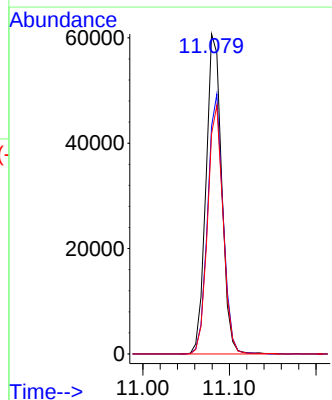
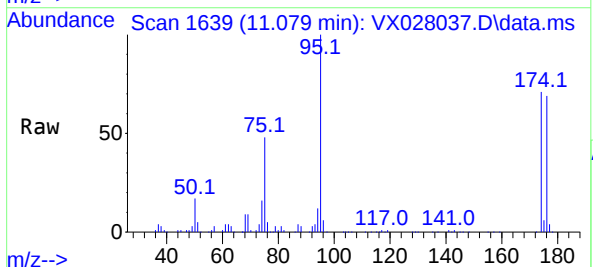
Tgt Ion: 95 Resp: 76290

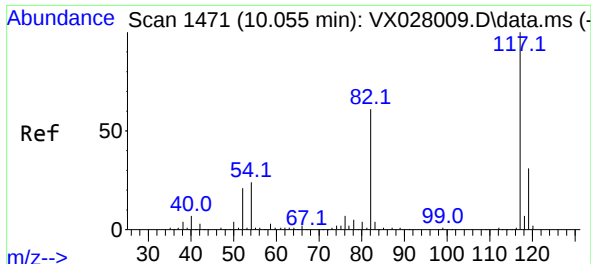
Ion Ratio Lower Upper

95 100

174 79.7 0.0 163.0

176 76.6 0.0 155.0

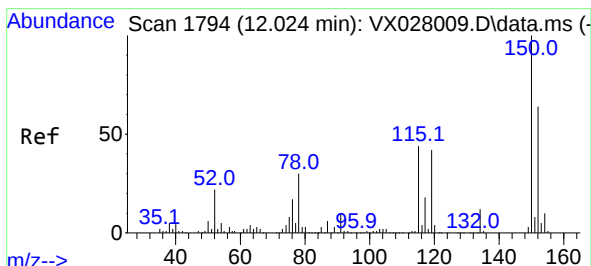
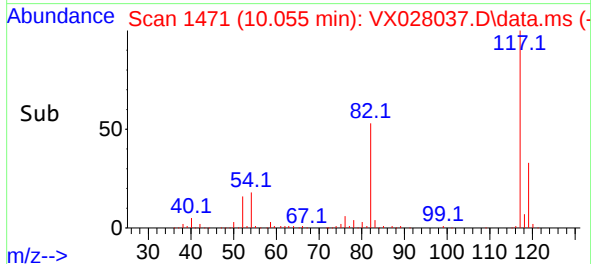
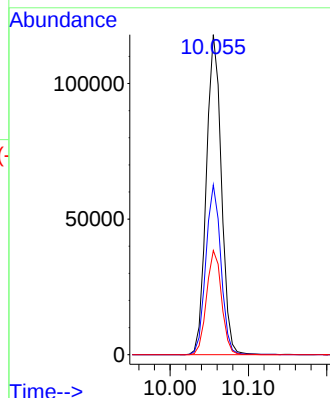
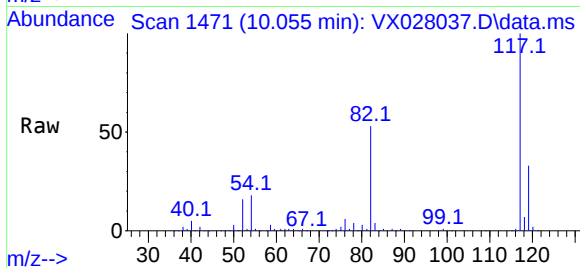




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028037.D
Acq: 08 Apr 2022 19:04

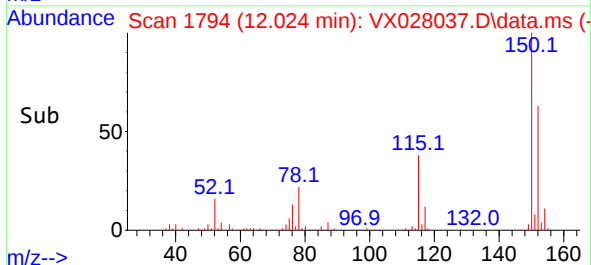
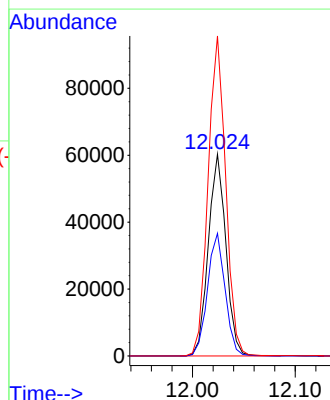
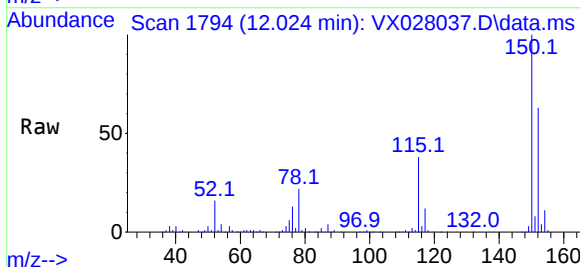
Instrument :
MSVOA_X
ClientSampleId :
MW-19D

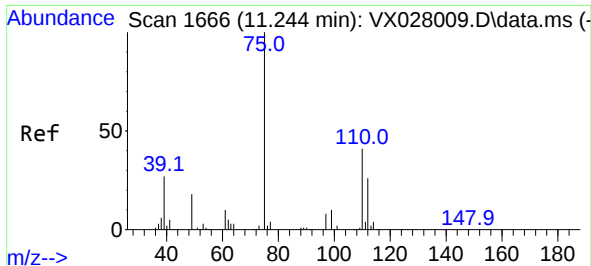
Tgt Ion:117 Resp: 156885
Ion Ratio Lower Upper
117 100
82 53.1 41.8 62.8
119 32.5 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028037.D
Acq: 08 Apr 2022 19:04

Tgt Ion:152 Resp: 71670
Ion Ratio Lower Upper
152 100
115 60.9 37.5 112.7
150 159.0 0.0 338.2

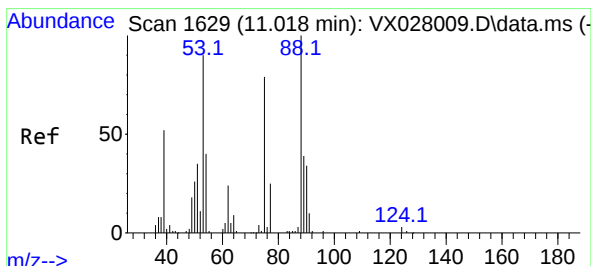
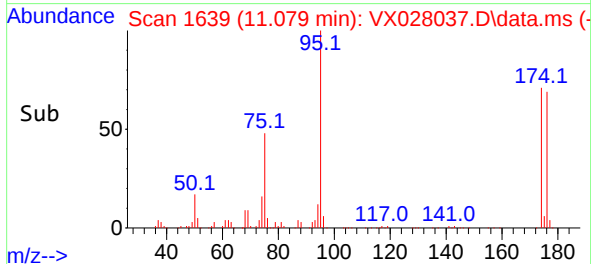
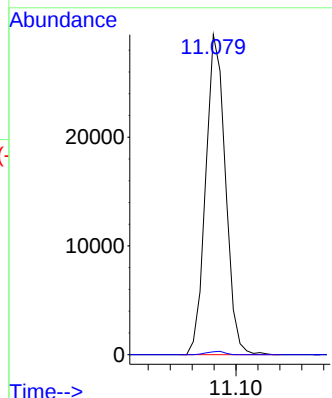
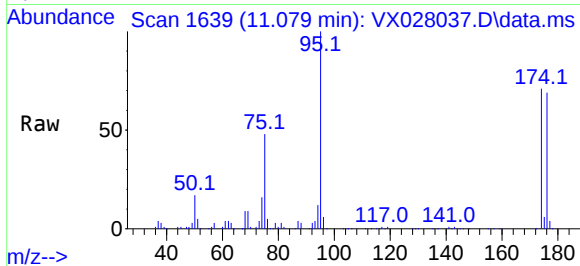




#76
1,2,3-Trichloropropane
Concen: 20.918 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028037.D
Acq: 08 Apr 2022 19:04

Instrument :
MSVOA_X
ClientSampleId :
MW-19D

Tgt Ion: 75 Resp: 36774
Ion Ratio Lower Upper
75 100
77 0.9 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.871 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028037.D
Acq: 08 Apr 2022 19:04

Tgt Ion: 75 Resp: 36774
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

