

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040822\
 Data File : VX028031.D
 Acq On : 08 Apr 2022 16:44
 Operator : JC/MD
 Sample : N2334-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17

Quant Time: Apr 11 01:18:12 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)

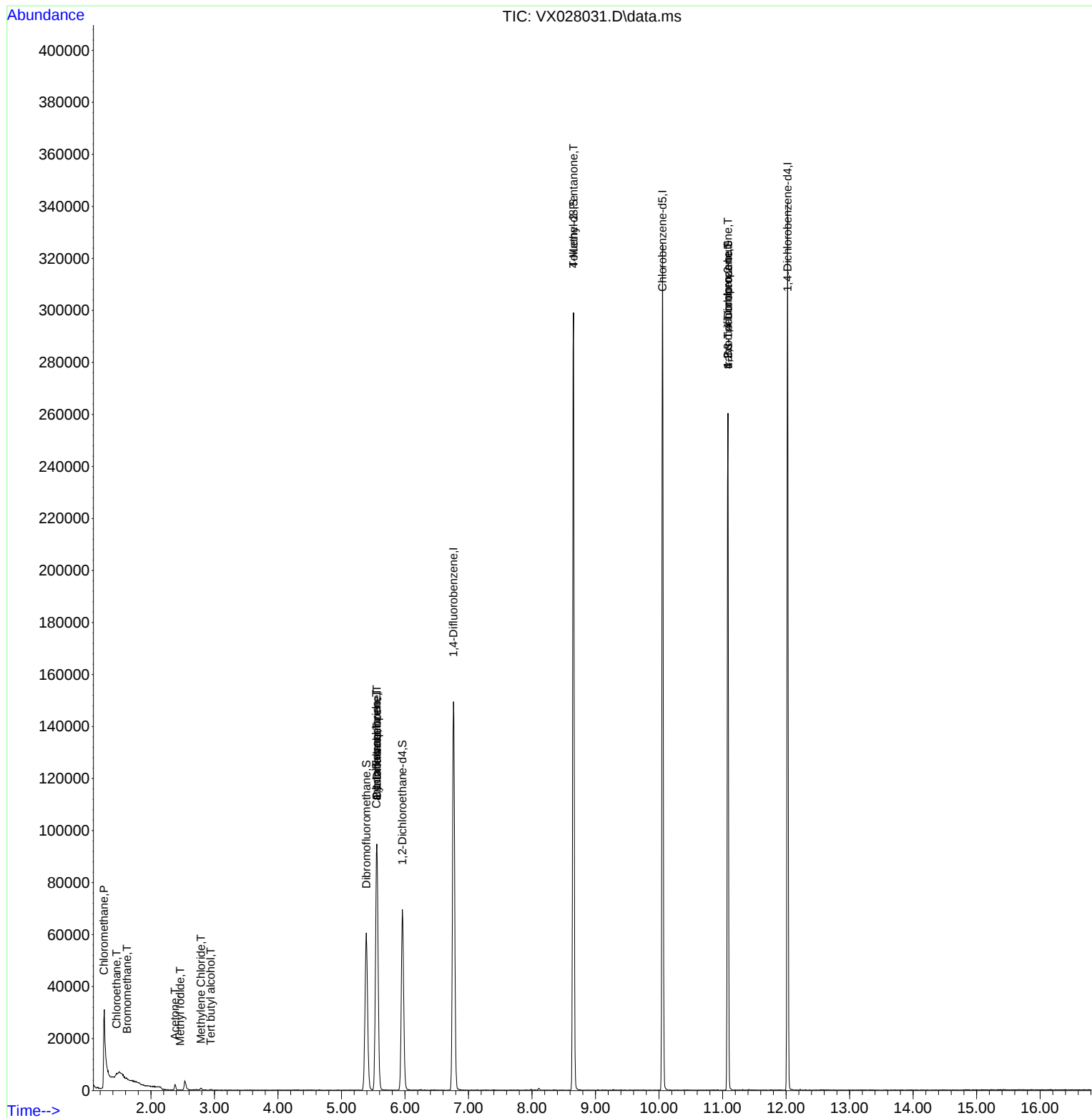
Internal Standards						
1) Pentafluorobenzene	5.555	168	79364	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	140341	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70571	58.577	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 117.160%	
35) Dibromofluoromethane	5.391	113	49927	52.999	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 106.000%	
50) Toluene-d8	8.652	98	167430	49.812	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 99.620%	
62) 4-Bromofluorobenzene	11.085	95	68622	48.025	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 96.060%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.257	50	1474	3.088	ug/l #	42
5) Bromomethane	1.623	94	124	1.003	ug/l	98
6) Chloroethane	1.459	64	1668	4.542	ug/l #	50
10) Methyl Iodide	2.458	142	74	6.863	ug/l #	41
11) Tert butyl alcohol	2.940	59	180	0.848	ug/l #	72
16) Acetone	2.379	43	2362	1.388	ug/l #	83
17) Carbon Disulfide	2.519	76	318	Below Cal	#	75
20) Methylene Chloride	2.788	84	204	2.544	ug/l #	77
31) Cyclohexane	5.555	56	2252	1.542	ug/l #	4
36) 1,1-Dichloropropene	5.555	75	7808	5.637	ug/l #	48
38) Carbon Tetrachloride	5.549	117	9817	6.548	ug/l #	13
51) 4-Methyl-2-Pentanone	8.652	43	985	0.616	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	40501	26.334	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	40501	81.475	ug/l #	15

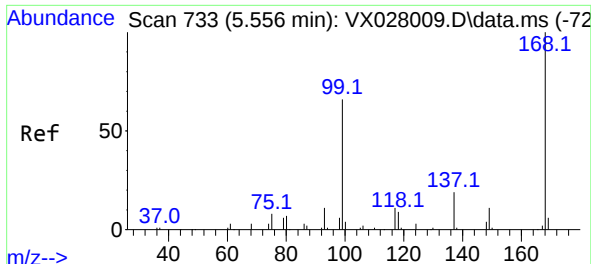
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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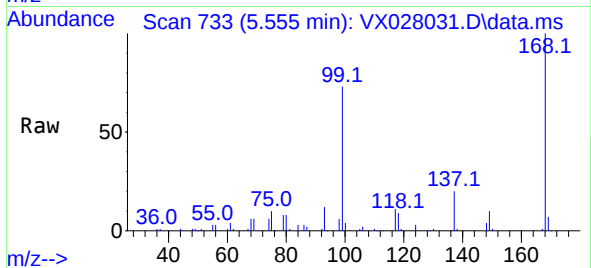
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040722W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 07 18:12:28 2022
Response via : Initial Calibration



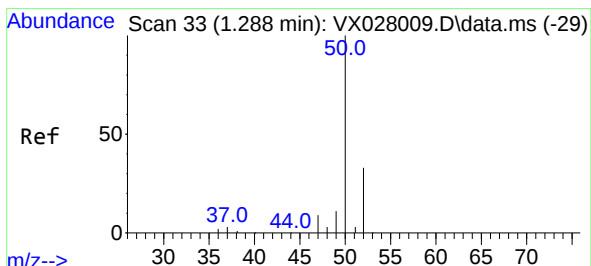
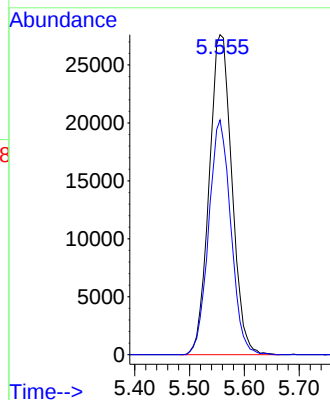


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX028031.D
Acq: 08 Apr 2022 16:44

Instrument :
MSVOA_X
ClientSampleId :
MW-17

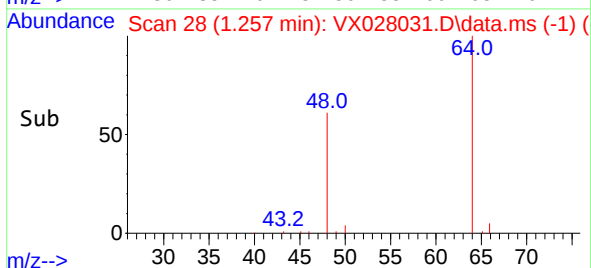
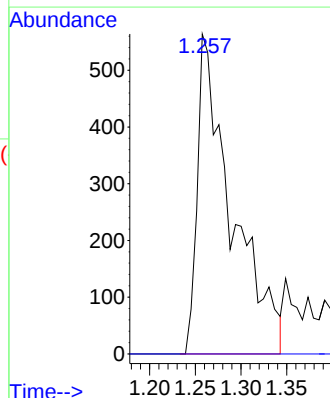
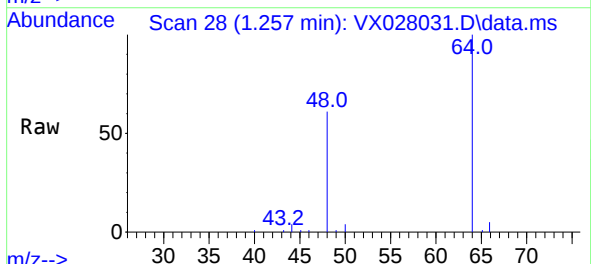


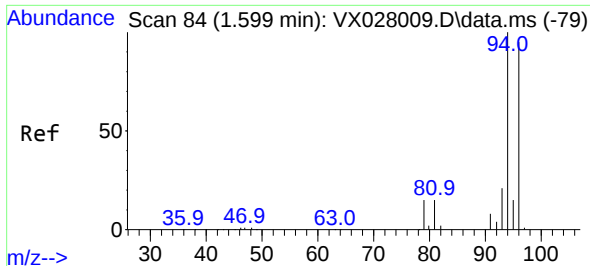
Tgt Ion:168 Resp: 79364
Ion Ratio Lower Upper
168 100
99 73.3 41.7 62.5#



#3
Chloromethane
Concen: 3.088 ug/l
RT: 1.257 min Scan# 28
Delta R.T. -0.031 min
Lab File: VX028031.D
Acq: 08 Apr 2022 16:44

Tgt Ion: 50 Resp: 1474
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

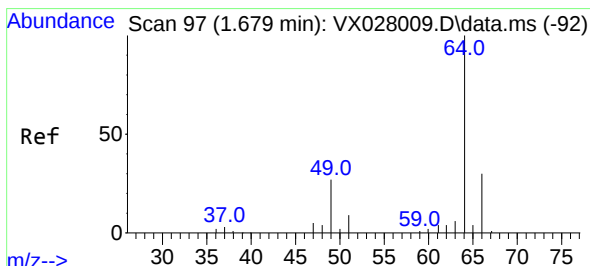
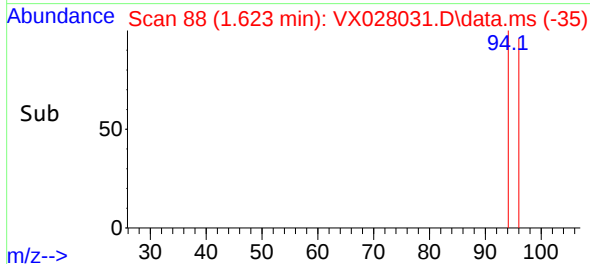
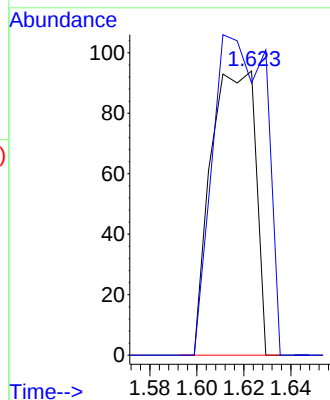
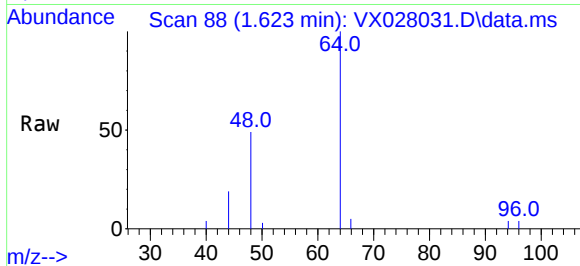




#5
Bromomethane
Concen: 1.003 ug/l
RT: 1.623 min Scan# 84
Delta R.T. 0.024 min
Lab File: VX028031.D
Acq: 08 Apr 2022 16:44

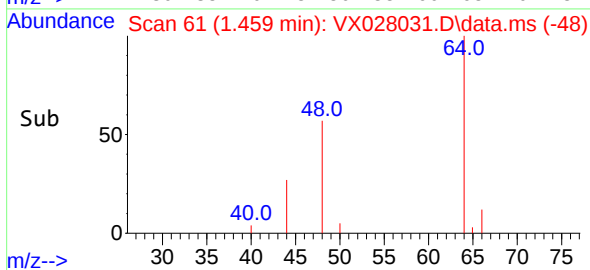
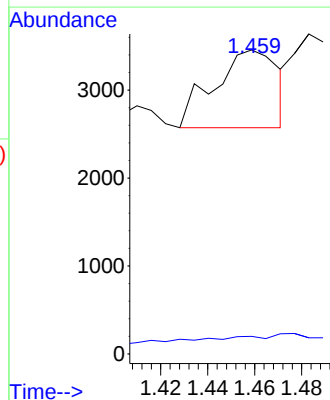
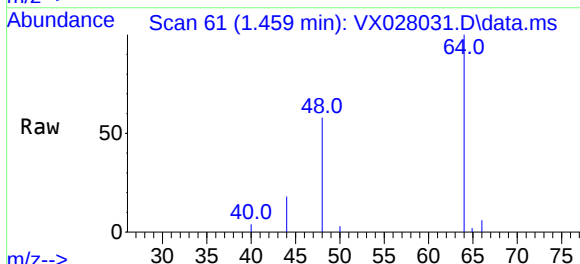
Instrument :
MSVOA_X
ClientSampleId :
MW-17

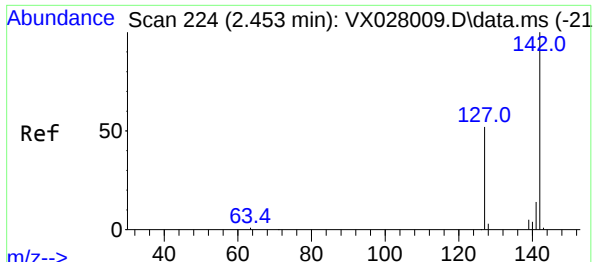
Tgt Ion: 94 Resp: 124
Ion Ratio Lower Upper
94 100
96 95.7 75.3 112.9



#6
Chloroethane
Concen: 4.542 ug/l
RT: 1.459 min Scan# 61
Delta R.T. -0.220 min
Lab File: VX028031.D
Acq: 08 Apr 2022 16:44

Tgt Ion: 64 Resp: 1668
Ion Ratio Lower Upper
64 100
66 3.7 25.3 37.9#

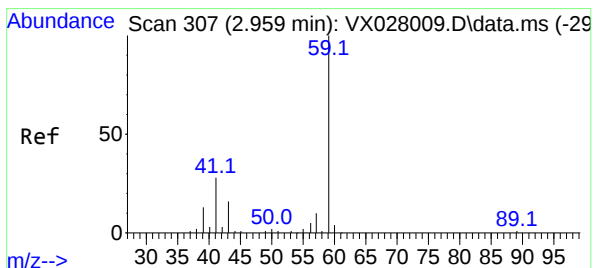
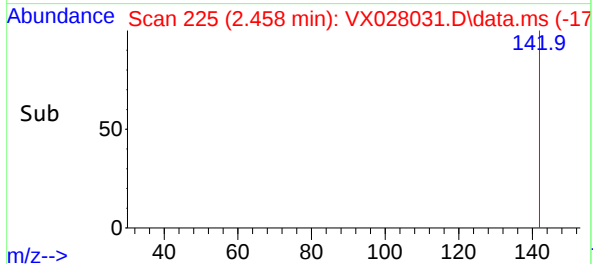
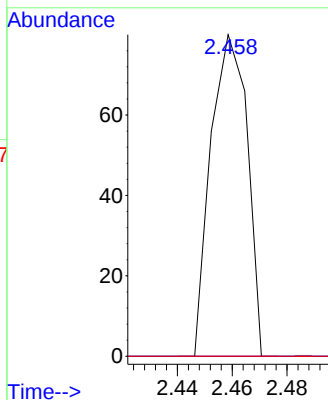
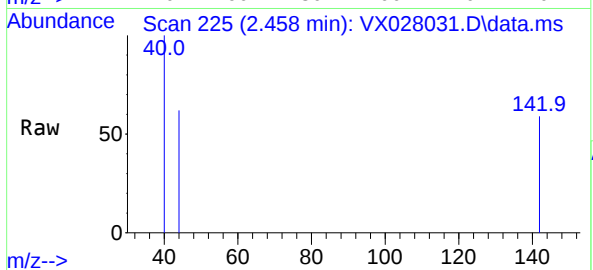




#10
Methyl Iodide
Concen: 6.863 ug/l
RT: 2.458 min Scan# 21
Delta R.T. 0.005 min
Lab File: VX028031.D
Acq: 08 Apr 2022 16:44

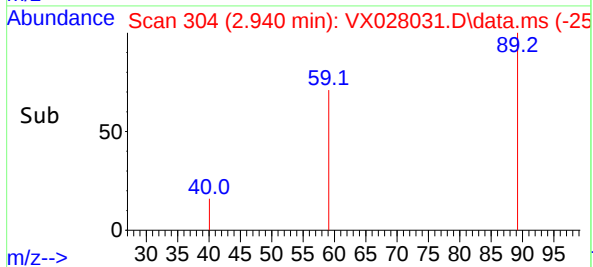
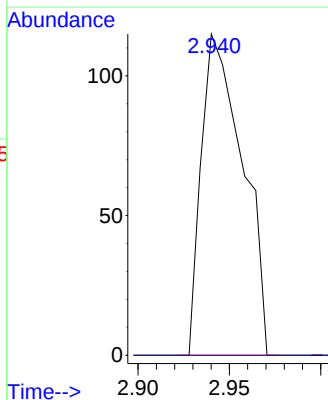
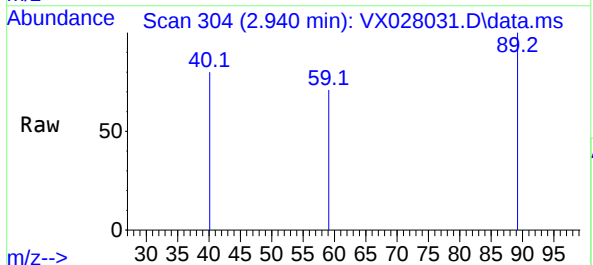
Instrument :
MSVOA_X
ClientSampleId :
MW-17

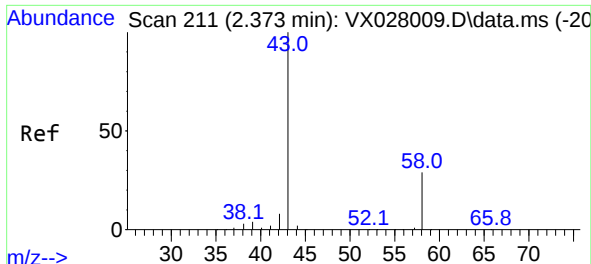
Tgt Ion:142 Resp: 74
Ion Ratio Lower Upper
142 100
127 0.0 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 0.848 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.019 min
Lab File: VX028031.D
Acq: 08 Apr 2022 16:44

Tgt Ion: 59 Resp: 180
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

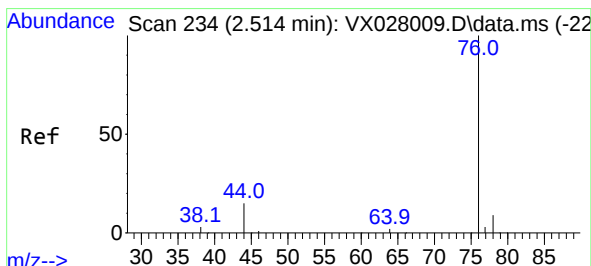
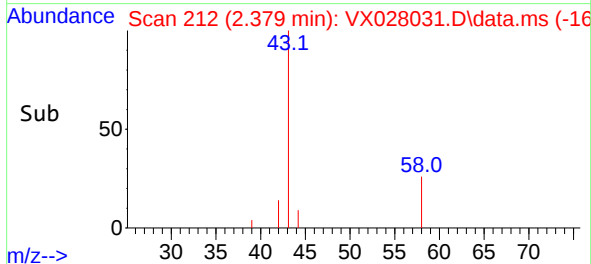
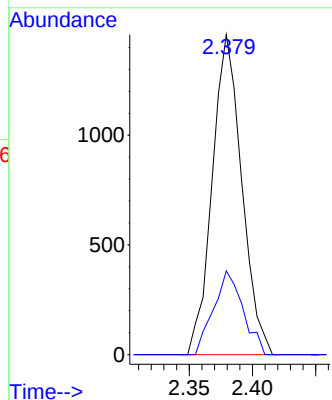
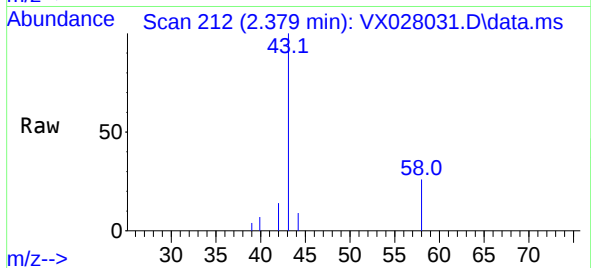




#16
Acetone
Concen: 1.388 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX028031.D
Acq: 08 Apr 2022 16:44

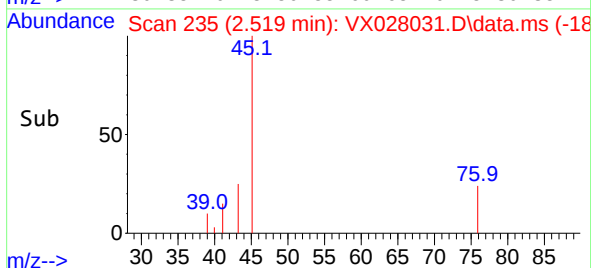
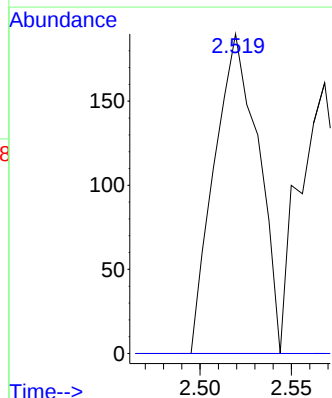
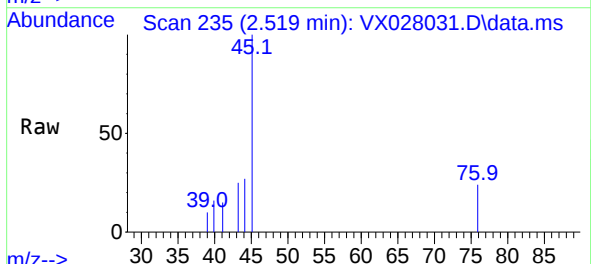
Instrument :
MSVOA_X
ClientSampleId :
MW-17

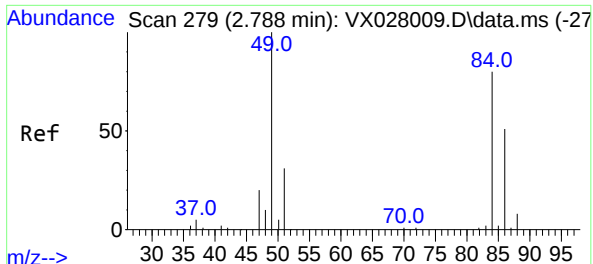
Tgt Ion: 43 Resp: 2362
Ion Ratio Lower Upper
43 100
58 26.2 28.8 43.2#



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.519 min Scan# 235
Delta R.T. 0.005 min
Lab File: VX028031.D
Acq: 08 Apr 2022 16:44

Tgt Ion: 76 Resp: 318
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 2.544 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX028031.D

Acq: 08 Apr 2022 16:44

Instrument :

MSVOA_X

ClientSampleId :

MW-17

Tgt Ion: 84 Resp: 204

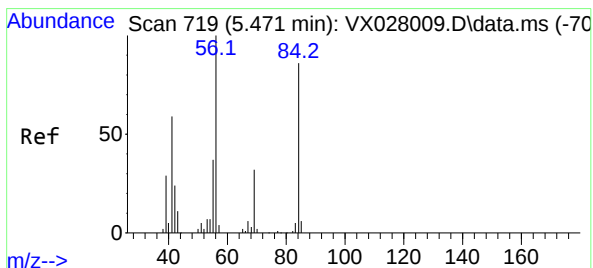
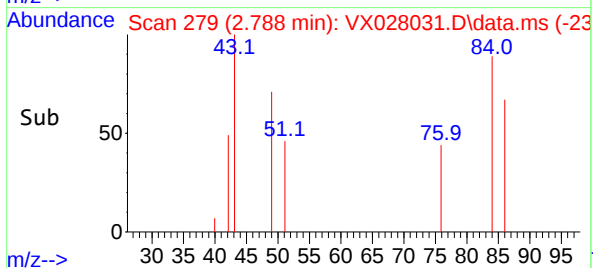
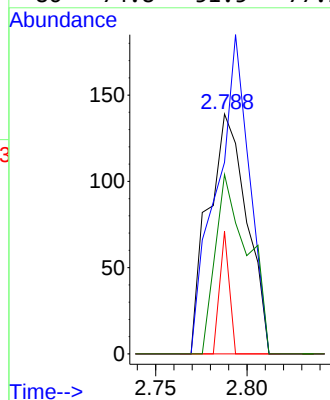
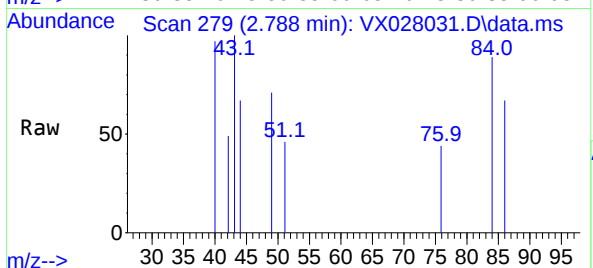
Ion Ratio Lower Upper

84 100

49 79.9 85.5 128.3#

51 51.1 26.6 39.8#

86 74.8 51.5 77.3



#31

Cyclohexane

Concen: 1.542 ug/l

RT: 5.555 min Scan# 733

Delta R.T. 0.084 min

Lab File: VX028031.D

Acq: 08 Apr 2022 16:44

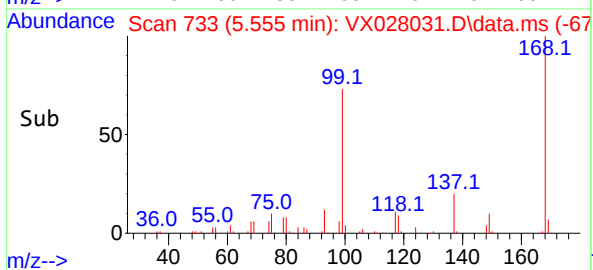
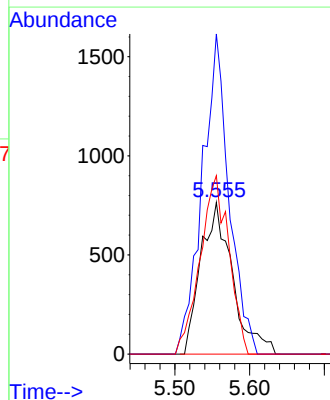
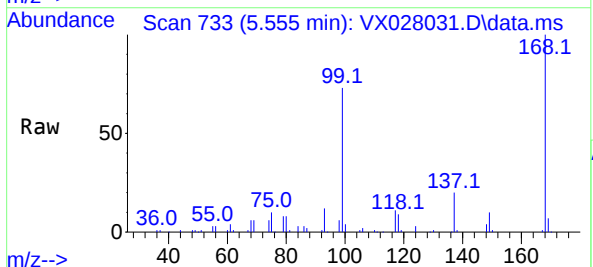
Tgt Ion: 56 Resp: 2252

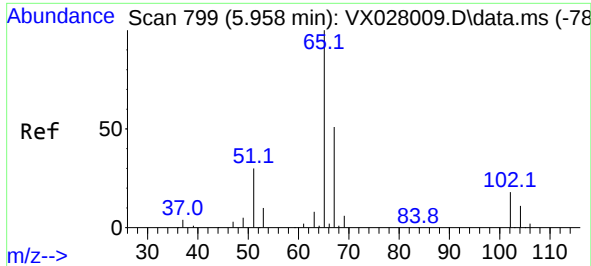
Ion Ratio Lower Upper

56 100

69 211.1 26.7 40.1#

84 117.6 77.2 115.8#

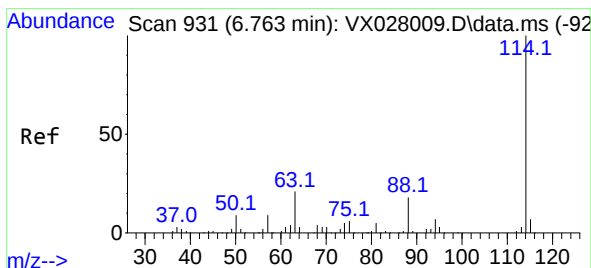
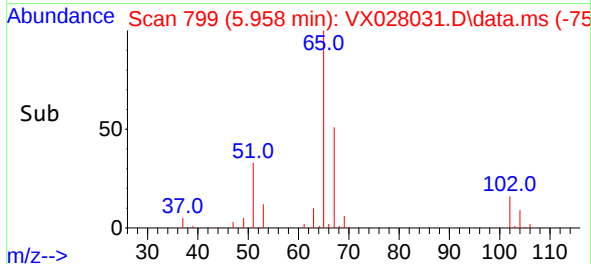
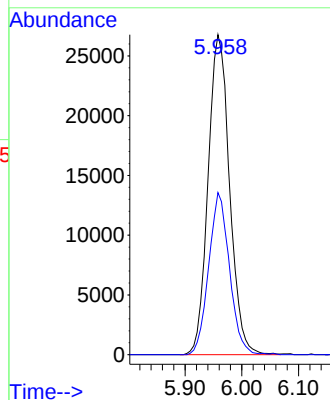
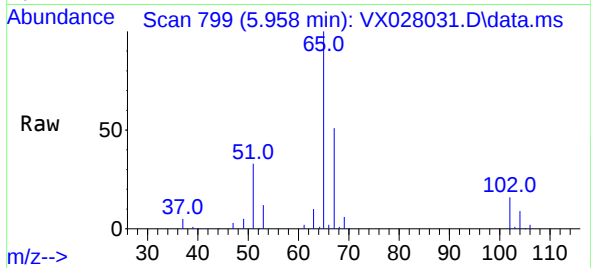




#33
 1,2-Dichloroethane-d4
 Concen: 58.577 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX028031.D
 Acq: 08 Apr 2022 16:44

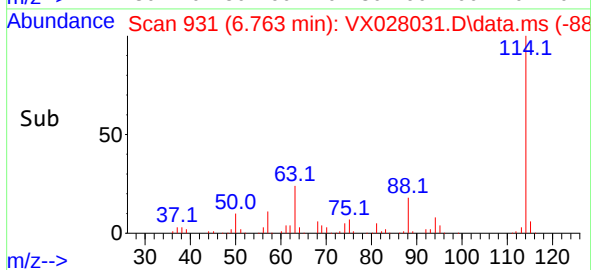
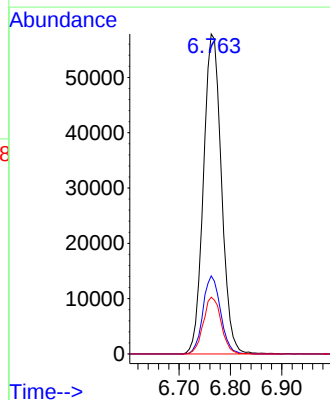
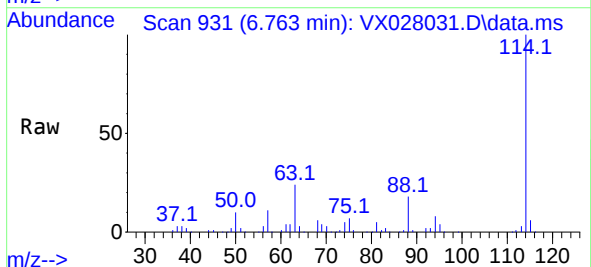
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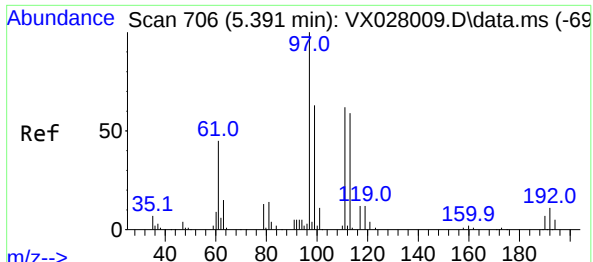
Tgt Ion: 65 Resp: 70571
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX028031.D
 Acq: 08 Apr 2022 16:44

Tgt Ion: 114 Resp: 140341
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 36.8
 88 17.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 52.999 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX028031.D

Acq: 08 Apr 2022 16:44

Instrument :

MSVOA_X

ClientSampleId :

MW-17

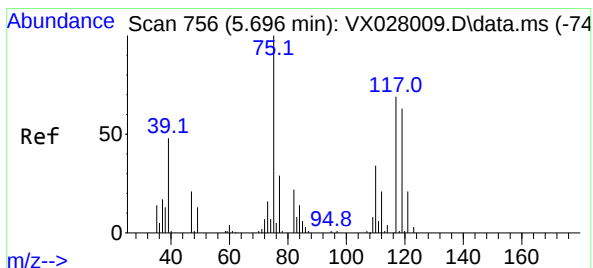
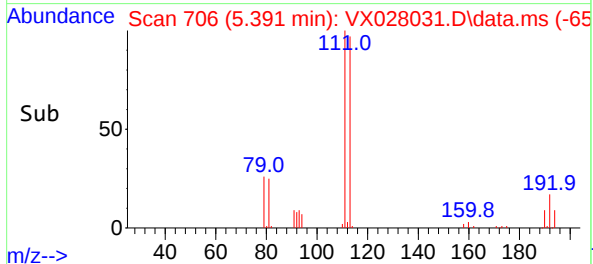
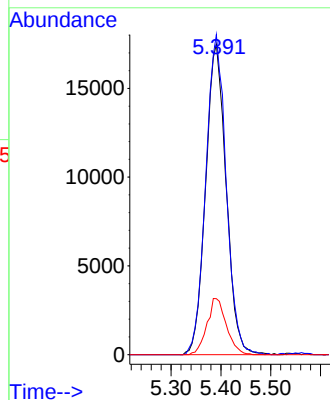
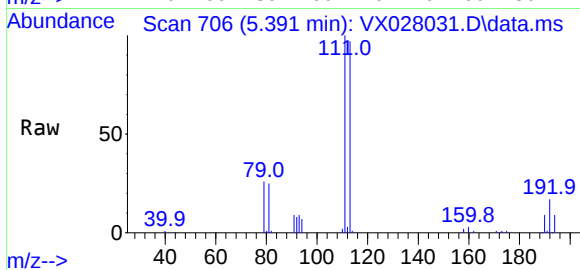
Tgt Ion:113 Resp: 49927

Ion Ratio Lower Upper

113 100

111 102.8 82.8 124.2

192 17.2 16.9 25.3



#36

1,1-Dichloropropene

Concen: 5.637 ug/l

RT: 5.555 min Scan# 733

Delta R.T. -0.141 min

Lab File: VX028031.D

Acq: 08 Apr 2022 16:44

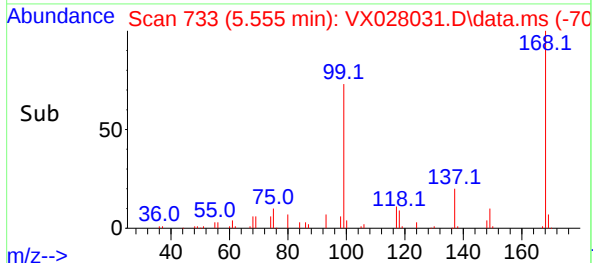
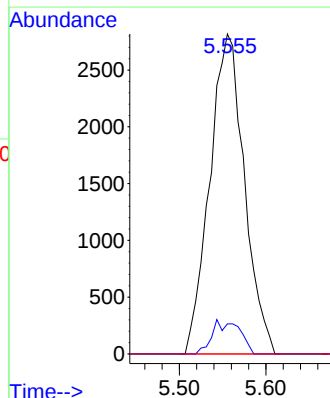
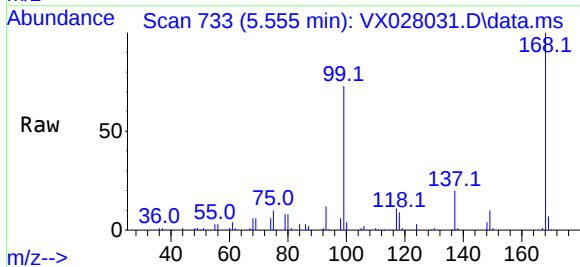
Tgt Ion: 75 Resp: 7808

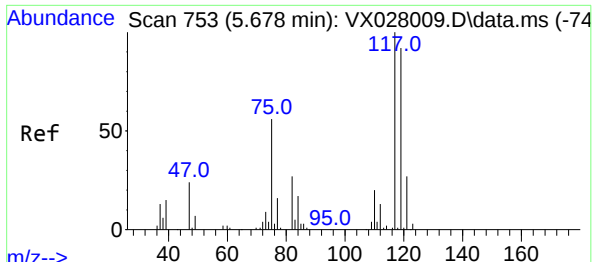
Ion Ratio Lower Upper

75 100

110 8.4 18.3 54.8#

77 0.0 24.8 37.2#

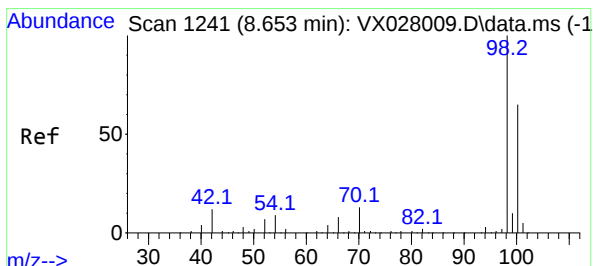
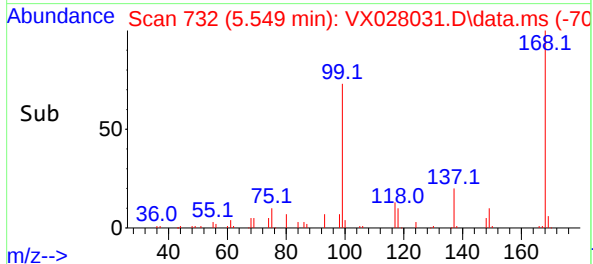
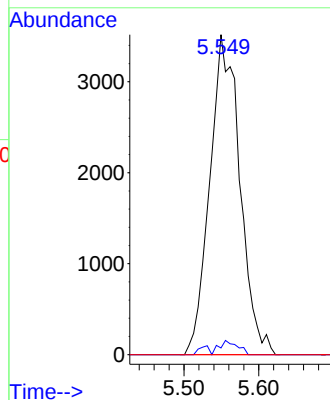
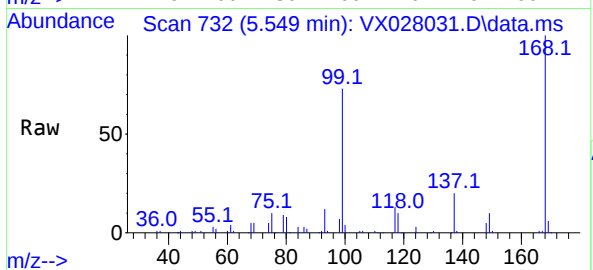




#38
Carbon Tetrachloride
Concen: 6.548 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.129 min
Lab File: VX028031.D
Acq: 08 Apr 2022 16:44

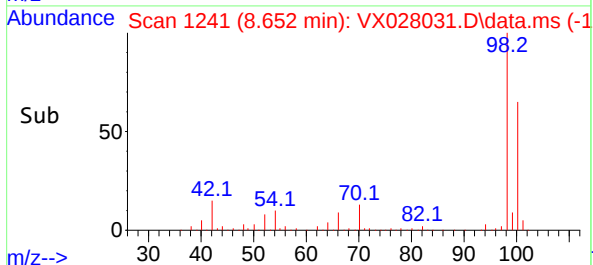
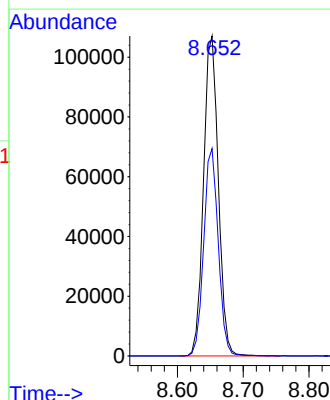
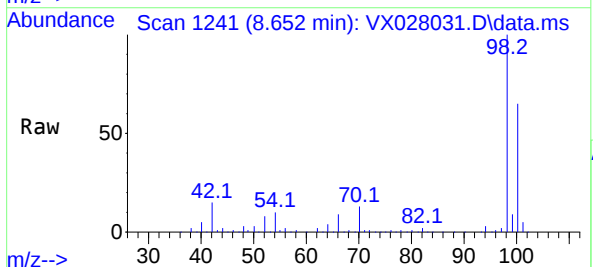
Instrument :
MSVOA_X
ClientSampleId :
MW-17

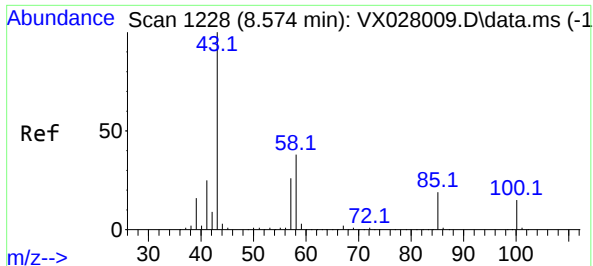
Tgt Ion:117 Resp: 9817
Ion Ratio Lower Upper
117 100
119 2.1 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.812 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. -0.001 min
Lab File: VX028031.D
Acq: 08 Apr 2022 16:44

Tgt Ion: 98 Resp: 167430
Ion Ratio Lower Upper
98 100
100 63.8 52.6 78.8

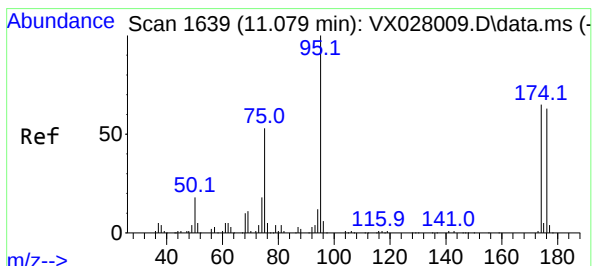
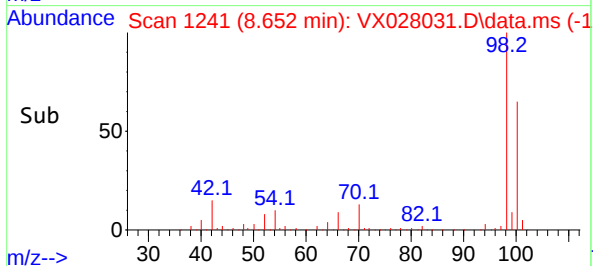
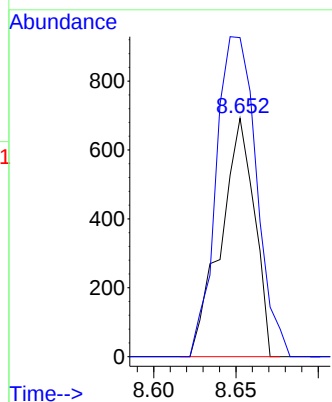
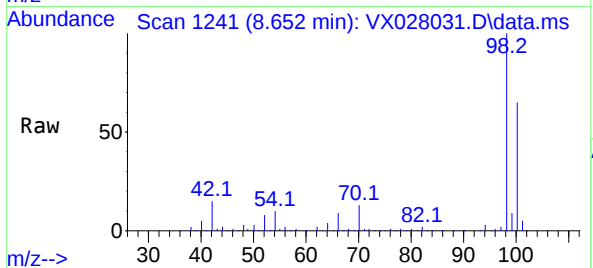




#51
4-Methyl-2-Pentanone
Concen: 0.616 ug/l
RT: 8.652 min Scan# 11
Delta R.T. 0.078 min
Lab File: VX028031.D
Acq: 08 Apr 2022 16:44

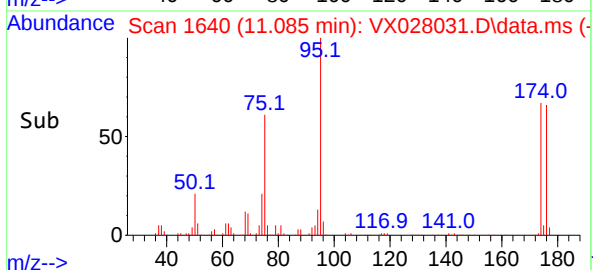
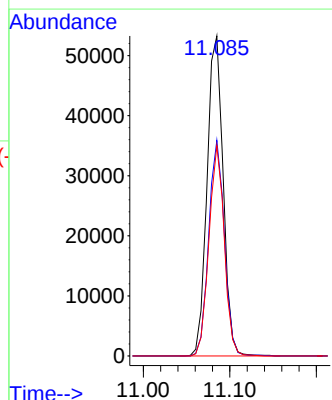
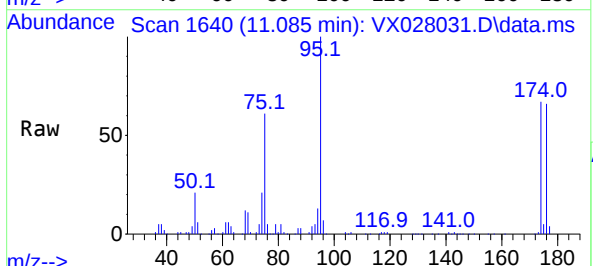
Instrument :
MSVOA_X
ClientSampleId :
MW-17

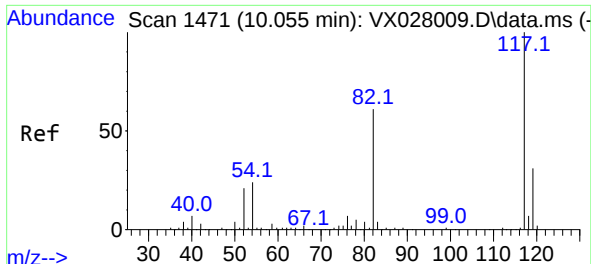
Tgt Ion: 43 Resp: 985
Ion Ratio Lower Upper
43 100
58 161.0 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 48.025 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX028031.D
Acq: 08 Apr 2022 16:44

Tgt Ion: 95 Resp: 68622
Ion Ratio Lower Upper
95 100
174 65.8 0.0 163.0
176 62.7 0.0 155.0

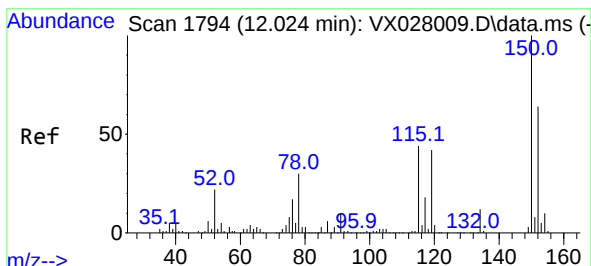
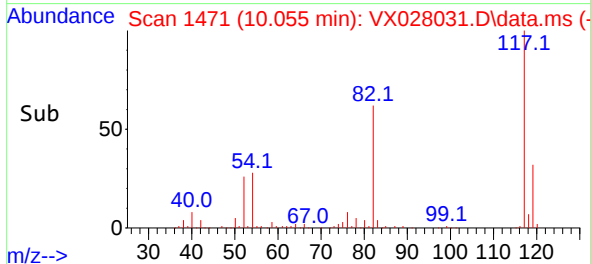
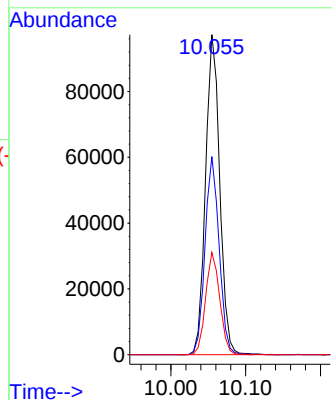
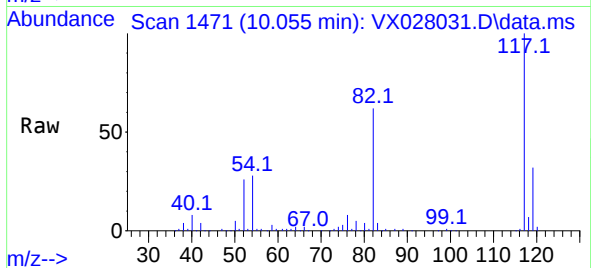




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028031.D
Acq: 08 Apr 2022 16:44

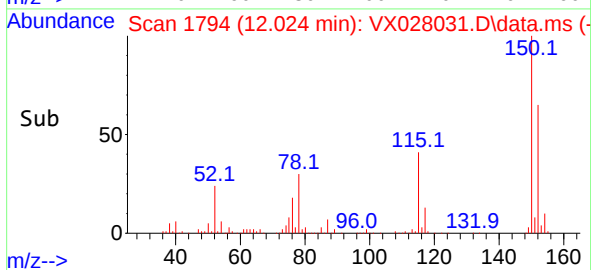
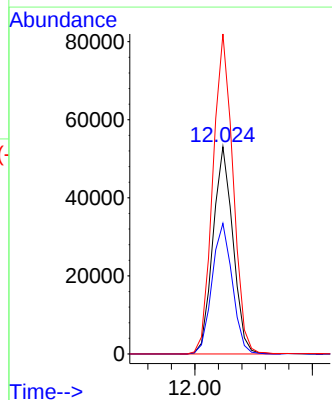
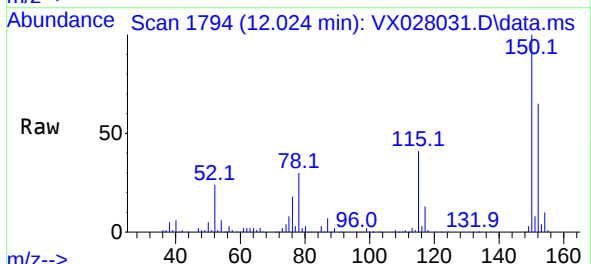
Instrument :
MSVOA_X
ClientSampleId :
MW-17

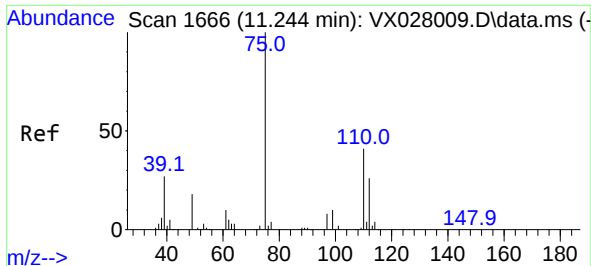
Tgt Ion:117 Resp: 128147
Ion Ratio Lower Upper
117 100
82 61.9 41.8 62.8
119 31.9 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX028031.D
Acq: 08 Apr 2022 16:44

Tgt Ion:152 Resp: 62698
Ion Ratio Lower Upper
152 100
115 63.9 37.5 112.7
150 155.9 0.0 338.2

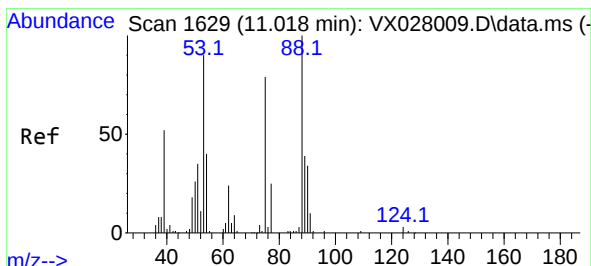
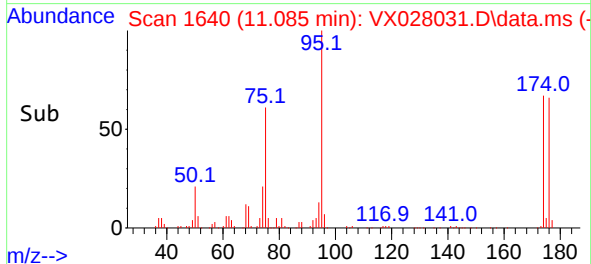
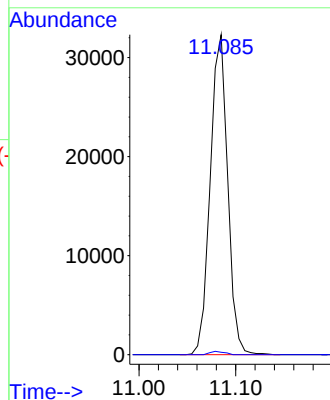
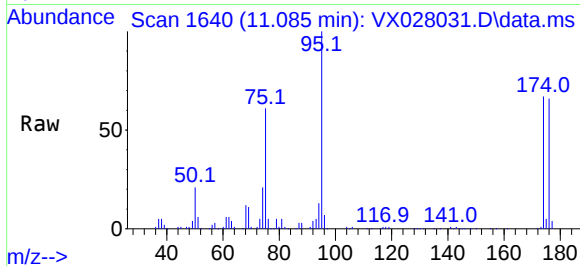




#76
1,2,3-Trichloropropane
Concen: 26.334 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX028031.D
Acq: 08 Apr 2022 16:44

Instrument :
MSVOA_X
ClientSampleId :
MW-17

Tgt Ion: 75 Resp: 40501
Ion Ratio Lower Upper
75 100
77 0.9 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.475 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX028031.D
Acq: 08 Apr 2022 16:44

Tgt Ion: 75 Resp: 40501
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

