

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030122\
 Data File : VX027247.D
 Acq On : 01 Mar 2022 14:43
 Operator : JC/MD
 Sample : N1688-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-26

Quant Time: Mar 02 00:35:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	86460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	145952	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	131891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62693	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	52822	50.869	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.740%	
35) Dibromofluoromethane	5.391	113	45248	49.945	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.900%	
50) Toluene-d8	8.653	98	167291	49.385	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.780%	
62) 4-Bromofluorobenzene	11.079	95	63727	49.010	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.020%	

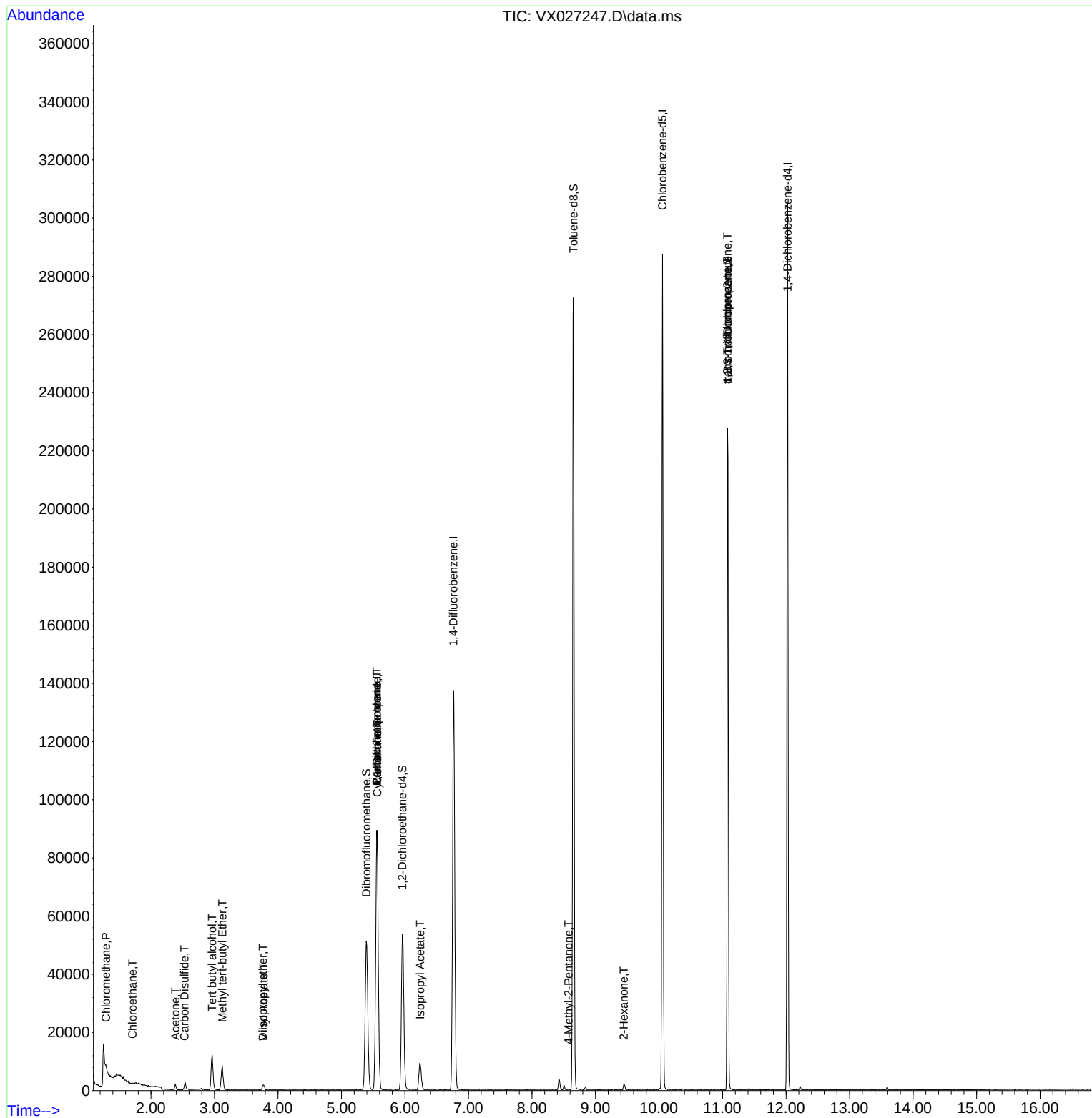
Target Compounds					Qvalue	
3) Chloromethane	1.295	50	301	0.375	ug/l #	42
5) Bromomethane	1.618	94	66	Below Cal	#	2
6) Chloroethane	1.709	64	291	0.592	ug/l #	87
11) Tert butyl alcohol	2.965	59	13036	64.523	ug/l	97
16) Acetone	2.386	43	1997	4.380	ug/l	95
17) Carbon Disulfide	2.526	76	790	0.361	ug/l #	74
19) Methyl tert-butyl Ether	3.123	73	8675	3.004	ug/l	98
22) Diisopropyl ether	3.764	45	1903	0.659	ug/l #	75
23) Vinyl Acetate	3.776	43	1000	0.410	ug/l #	73
31) Cyclohexane	5.562	56	1483	0.954	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6172	4.668	ug/l #	50
38) Carbon Tetrachloride	5.556	117	8552	6.202	ug/l #	17
43) Isopropyl Acetate	6.239	43	2308	1.034	ug/l #	62
51) 4-Methyl-2-Pentanone	8.574	43	399	0.275	ug/l #	76
59) 2-Hexanone	9.445	43	338	0.305	ug/l #	25
76) 1,2,3-Trichloropropane	11.079	75	30553	24.195	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	30553	68.685	ug/l #	3

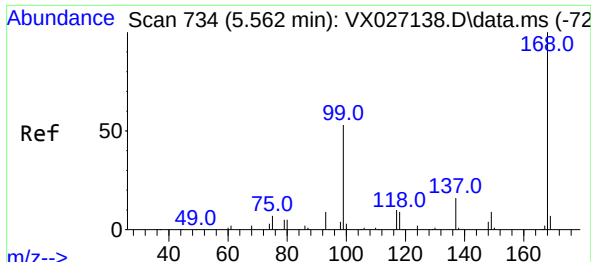
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 23 13:06:57 2022
Response via : Initial Calibration

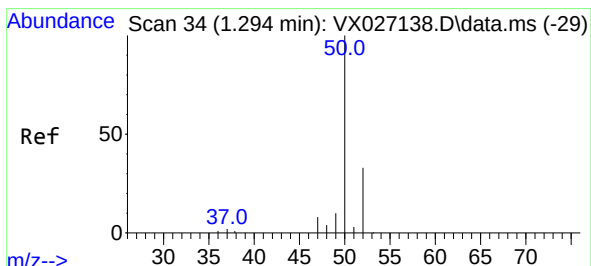
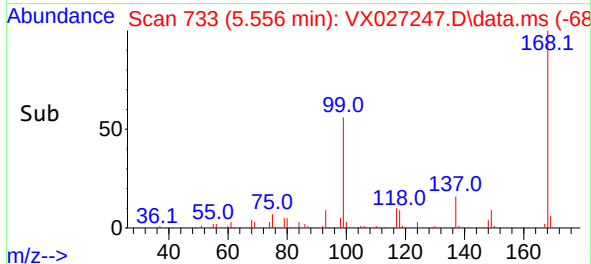
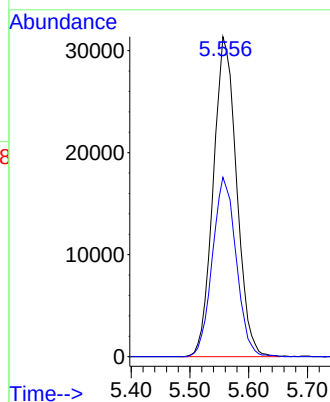
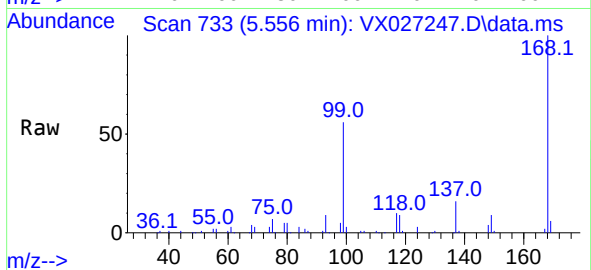




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027247.D
Acq: 01 Mar 2022 14:43

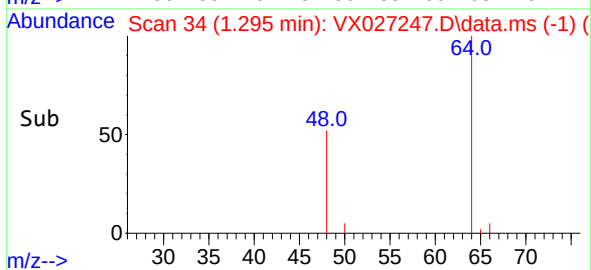
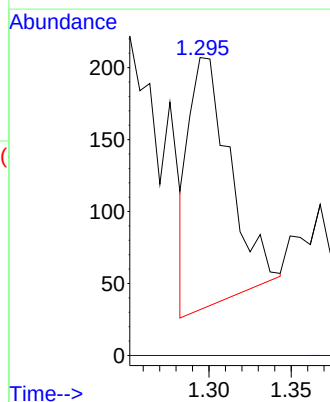
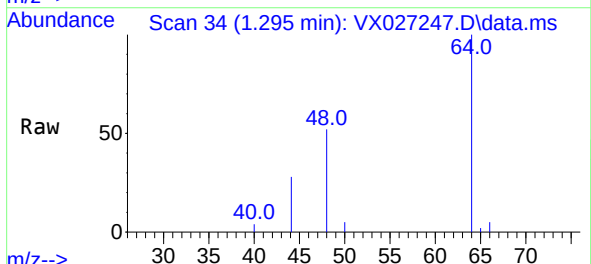
Instrument :
MSVOA_X
ClientSampleId :
MW-26

Tgt Ion:168 Resp: 86460
Ion Ratio Lower Upper
168 100
99 56.1 50.3 75.5

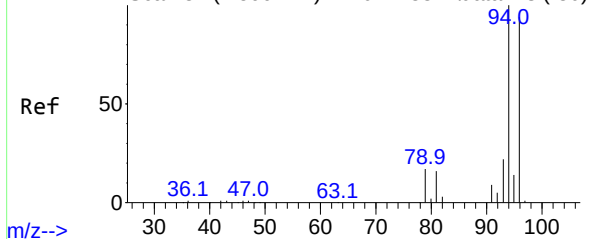


#3
Chloromethane
Concen: 0.375 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX027247.D
Acq: 01 Mar 2022 14:43

Tgt Ion: 50 Resp: 301
Ion Ratio Lower Upper
50 100
52 0.0 26.1 39.1#



Abundance Scan 84 (1.599 min): VX027138.D\data.ms (-80)



#5

Bromomethane

Concen: Below Cal

RT: 1.618 min Scan# 81

Delta R.T. 0.019 min

Lab File: VX027247.D

Acq: 01 Mar 2022 14:43

Instrument :

MSVOA_X

ClientSampleId :

MW-26

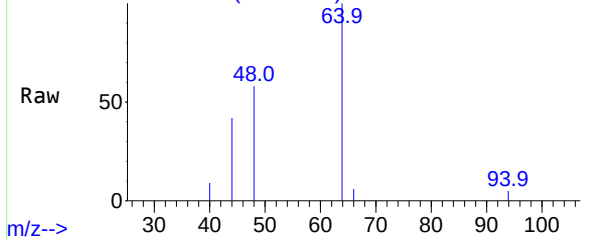
Tgt Ion: 94 Resp: 66

Ion Ratio Lower Upper

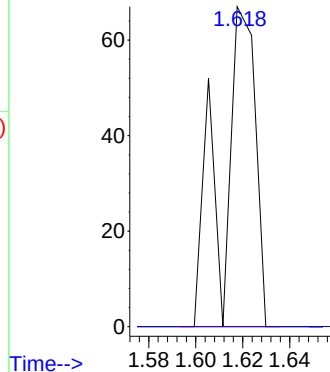
94 100

96 0.0 75.9 113.9#

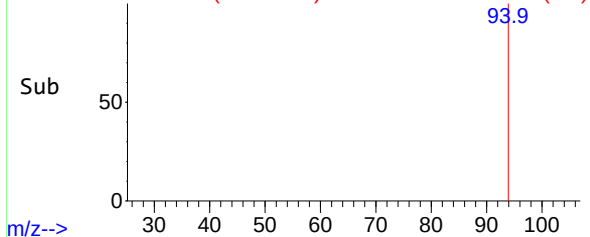
Abundance Scan 87 (1.618 min): VX027247.D\data.ms



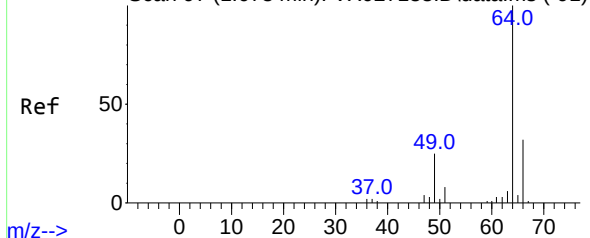
Abundance



Abundance Scan 87 (1.618 min): VX027247.D\data.ms (-35)



Abundance Scan 97 (1.678 min): VX027138.D\data.ms (-91)



#6

Chloroethane

Concen: 0.592 ug/l

RT: 1.709 min Scan# 102

Delta R.T. 0.031 min

Lab File: VX027247.D

Acq: 01 Mar 2022 14:43

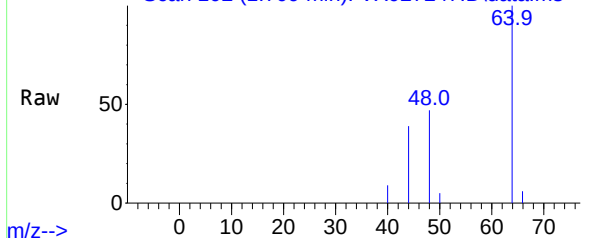
Tgt Ion: 64 Resp: 291

Ion Ratio Lower Upper

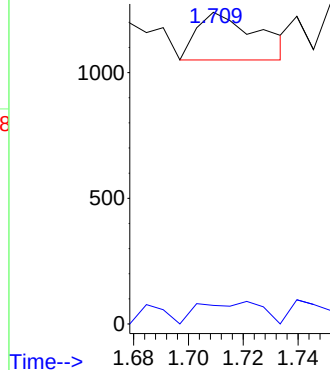
64 100

66 38.9 25.4 38.2#

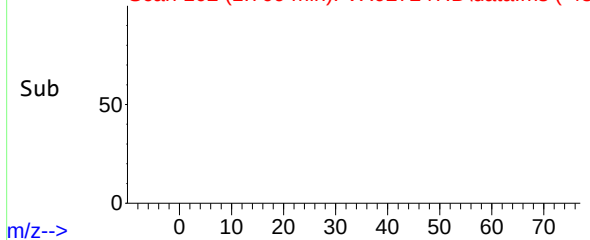
Abundance Scan 102 (1.709 min): VX027247.D\data.ms

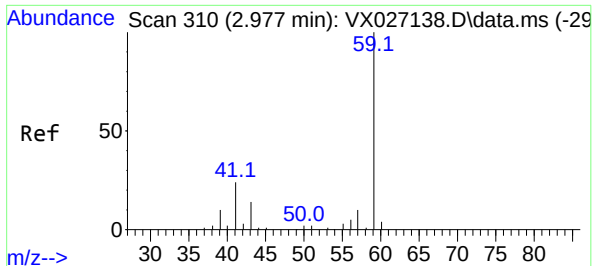


Abundance



Abundance Scan 102 (1.709 min): VX027247.D\data.ms (-48)





#11

Tert butyl alcohol

Concen: 64.523 ug/l

RT: 2.965 min Scan# 30

Delta R.T. -0.012 min

Lab File: VX027247.D

Acq: 01 Mar 2022 14:43

Instrument :

MSVOA_X

ClientSampleId :

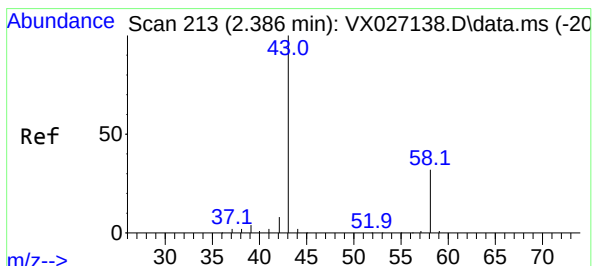
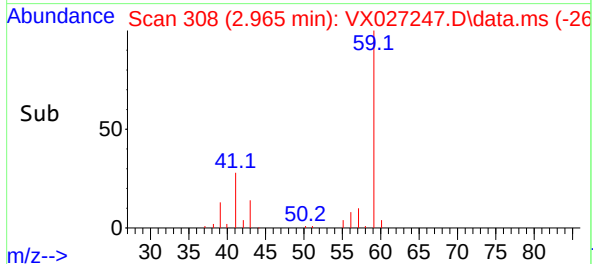
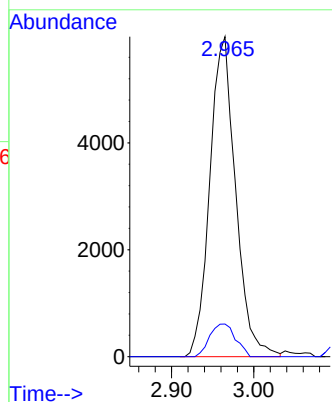
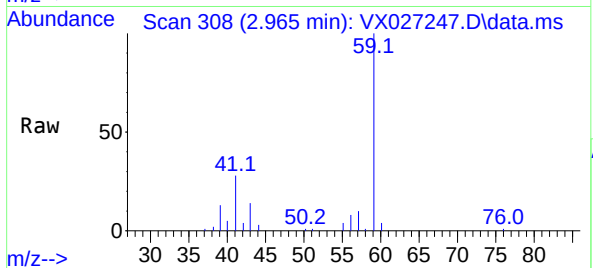
MW-26

Tgt Ion: 59 Resp: 13036

Ion Ratio Lower Upper

59 100

57 10.2 7.2 10.8



#16

Acetone

Concen: 4.380 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX027247.D

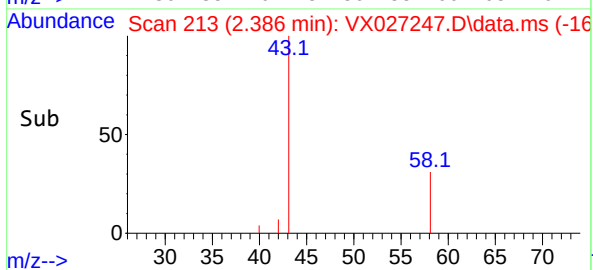
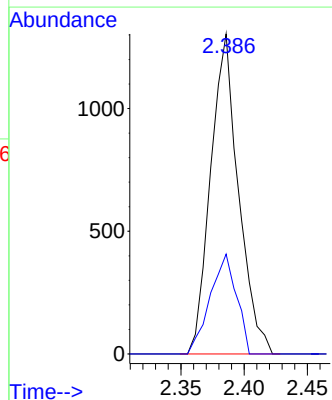
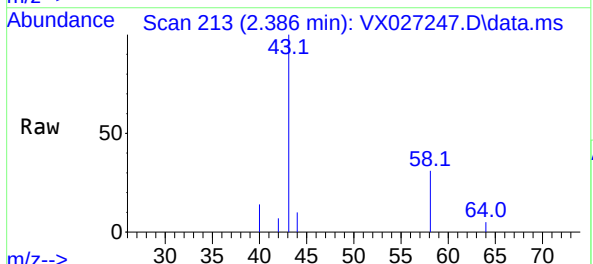
Acq: 01 Mar 2022 14:43

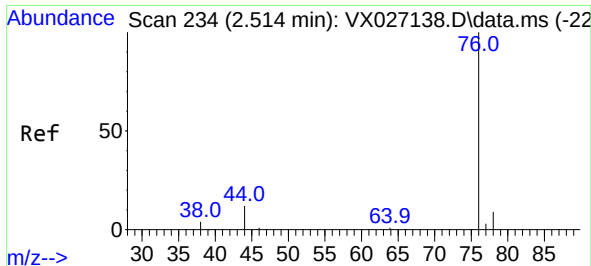
Tgt Ion: 43 Resp: 1997

Ion Ratio Lower Upper

43 100

58 31.2 23.0 34.6

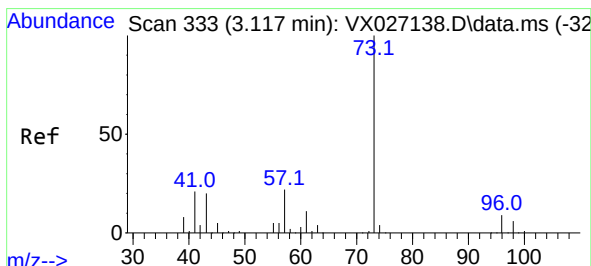
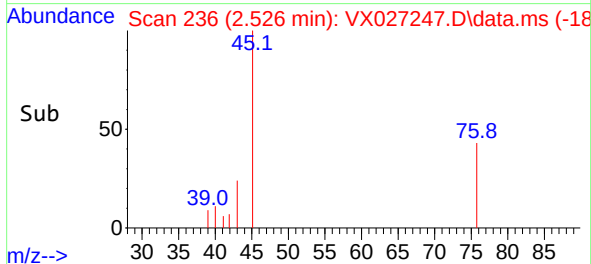
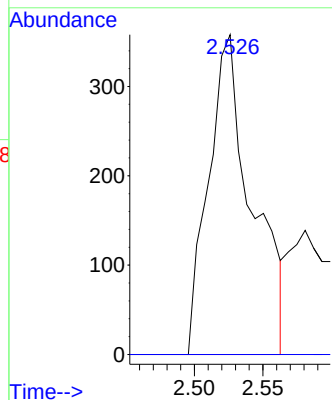
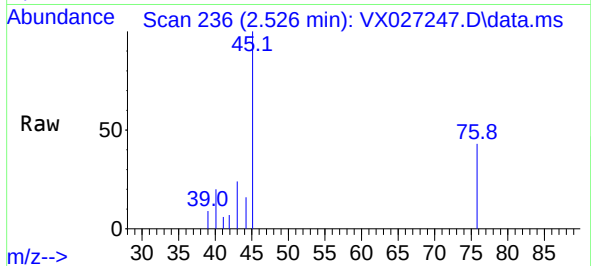




#17
Carbon Disulfide
Concen: 0.361 ug/l
RT: 2.526 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX027247.D
Acq: 01 Mar 2022 14:43

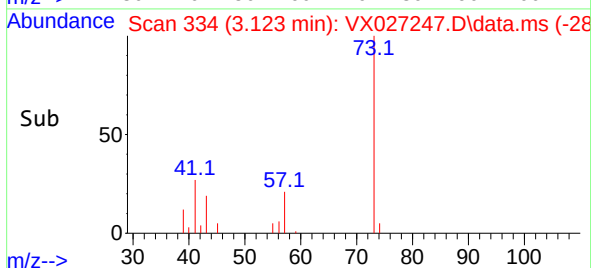
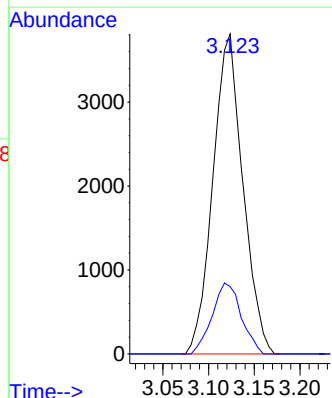
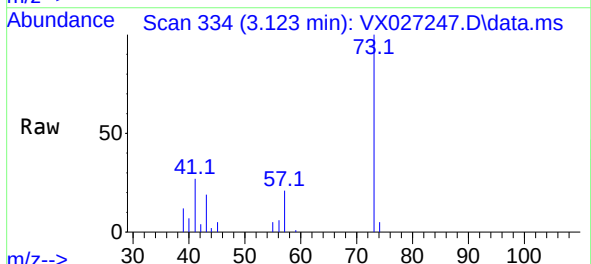
Instrument :
MSVOA_X
ClientSampleId :
MW-26

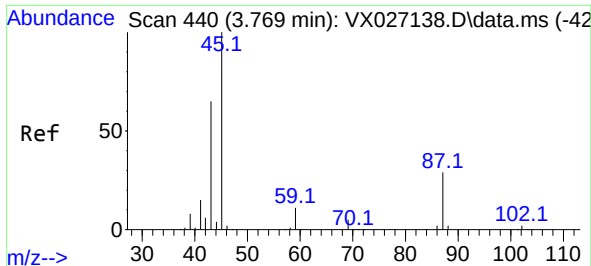
Tgt Ion: 76 Resp: 790
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#19
Methyl tert-butyl Ether
Concen: 3.004 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX027247.D
Acq: 01 Mar 2022 14:43

Tgt Ion: 73 Resp: 8675
Ion Ratio Lower Upper
73 100
57 21.1 17.4 26.2

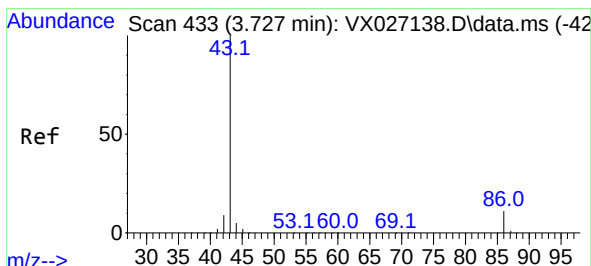
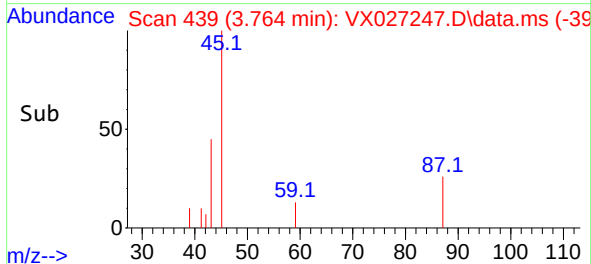
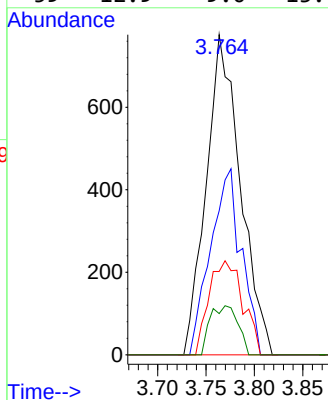
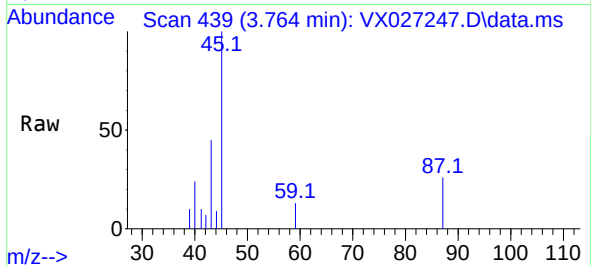




#22
Diisopropyl ether
Concen: 0.659 ug/l
RT: 3.764 min Scan# 41
Delta R.T. -0.005 min
Lab File: VX027247.D
Acq: 01 Mar 2022 14:43

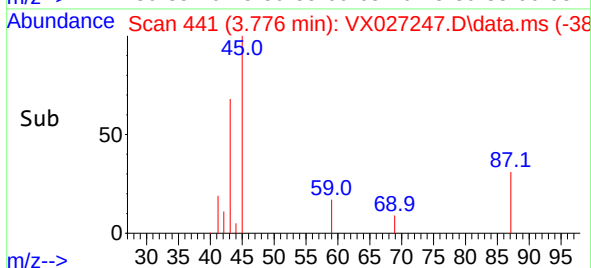
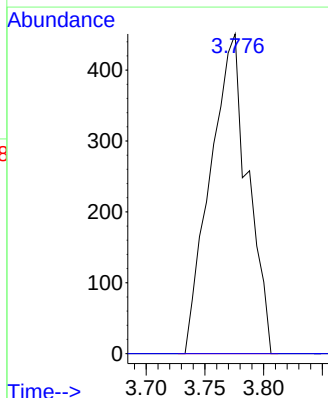
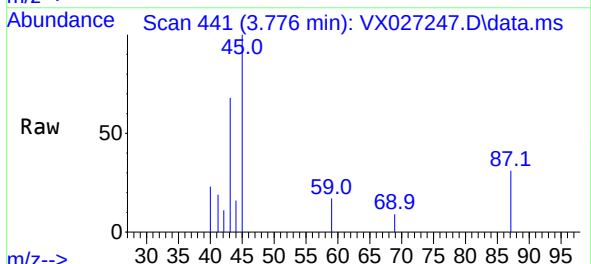
Instrument :
MSVOA_X
ClientSampleId :
MW-26

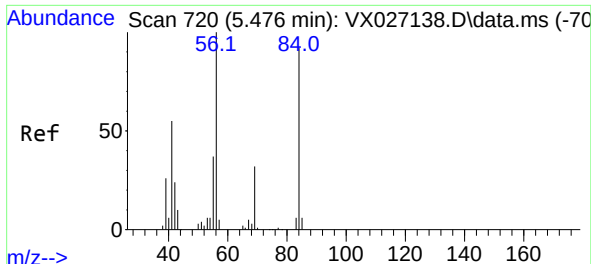
Tgt Ion:	45	Resp:	1903
Ion	Ratio	Lower	Upper
45	100		
43	45.0	60.6	91.0#
87	26.0	22.0	33.0
59	12.9	9.0	13.4



#23
Vinyl Acetate
Concen: 0.410 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.049 min
Lab File: VX027247.D
Acq: 01 Mar 2022 14:43

Tgt Ion:	43	Resp:	1000
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.1	12.1#

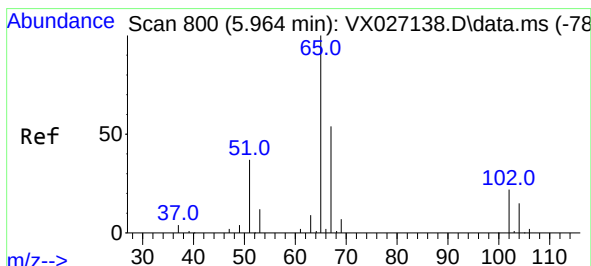
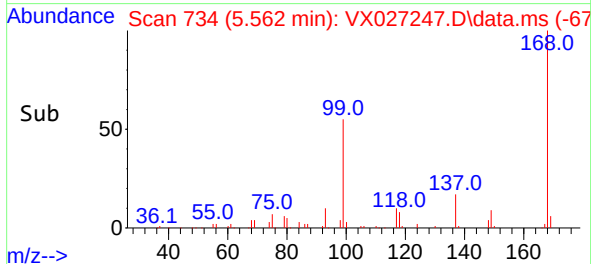
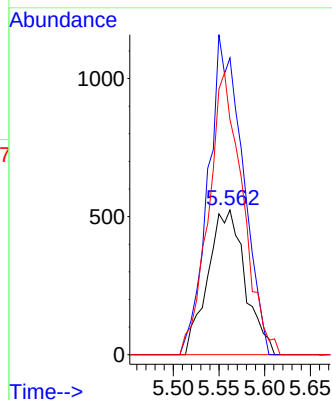
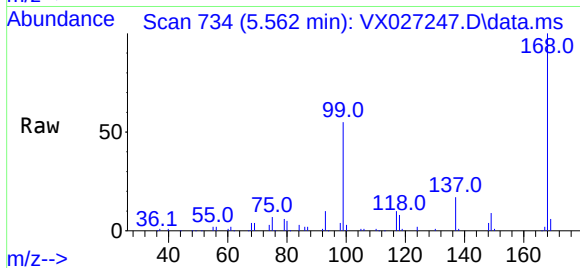




#31
Cyclohexane
Concen: 0.954 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.086 min
Lab File: VX027247.D
Acq: 01 Mar 2022 14:43

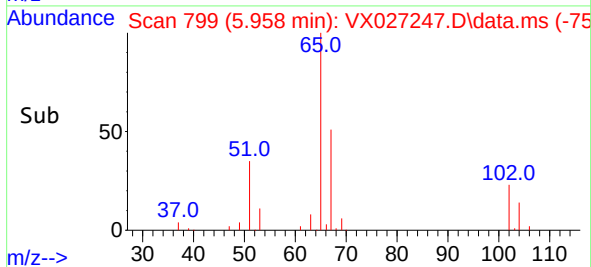
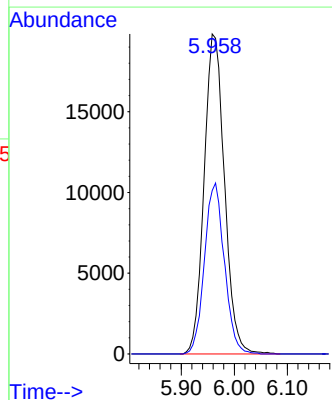
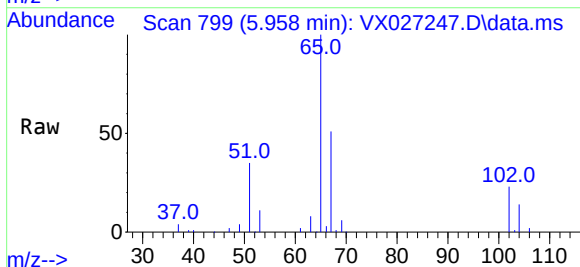
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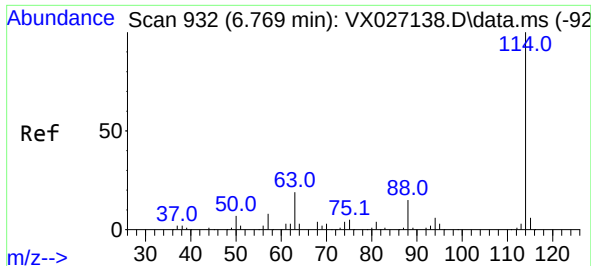
Tgt Ion: 56 Resp: 1483
Ion Ratio Lower Upper
56 100
69 205.2 25.8 38.6#
84 162.4 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 50.869 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX027247.D
Acq: 01 Mar 2022 14:43

Tgt Ion: 65 Resp: 52822
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.8

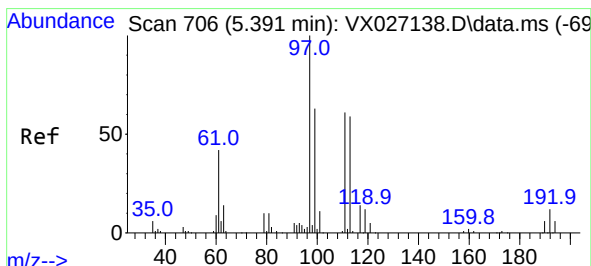
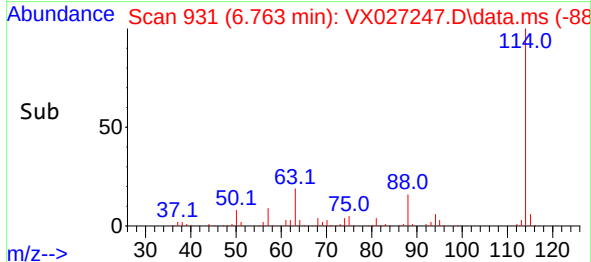
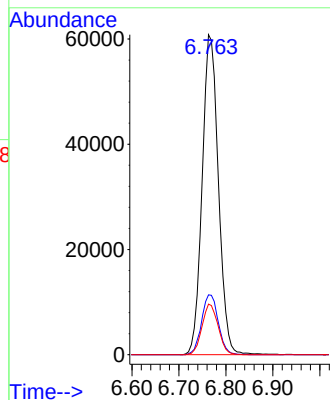
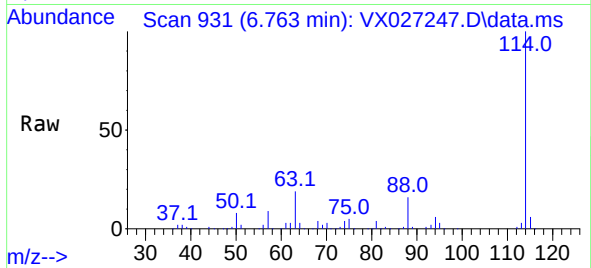




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX027247.D
Acq: 01 Mar 2022 14:43

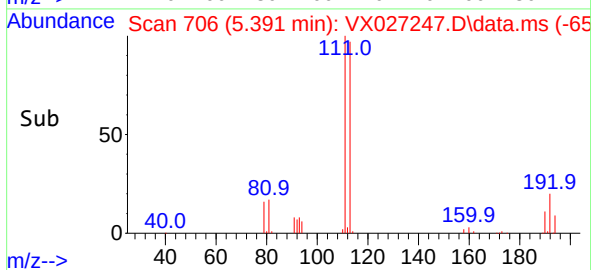
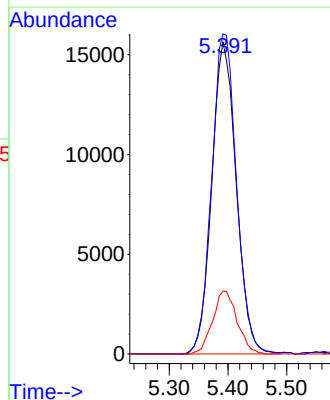
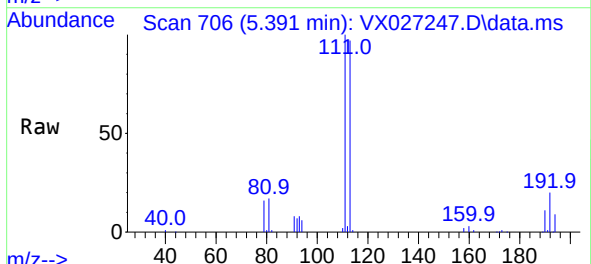
Instrument :
MSVOA_X
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MW-26

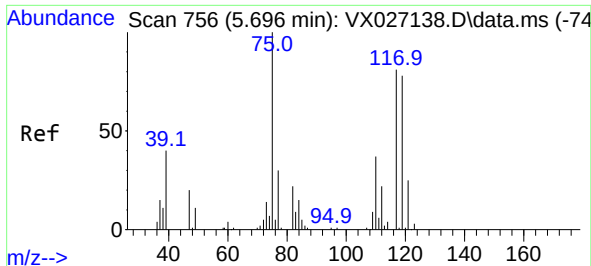
Tgt Ion:114 Resp: 145952
Ion Ratio Lower Upper
114 100
63 18.7 0.0 42.8
88 15.8 0.0 33.0



#35
Dibromofluoromethane
Concen: 49.945 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027247.D
Acq: 01 Mar 2022 14:43

Tgt Ion:113 Resp: 45248
Ion Ratio Lower Upper
113 100
111 104.3 81.2 121.8
192 20.1 15.0 22.4

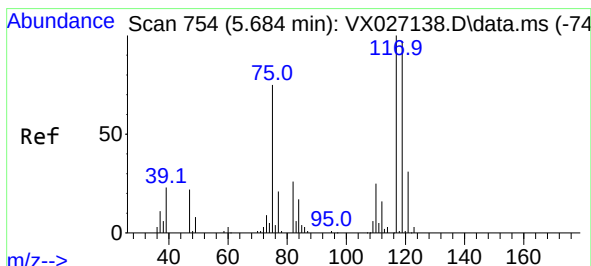
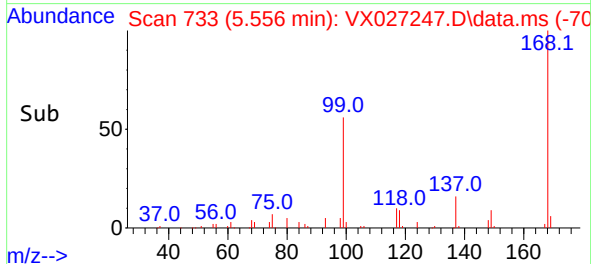
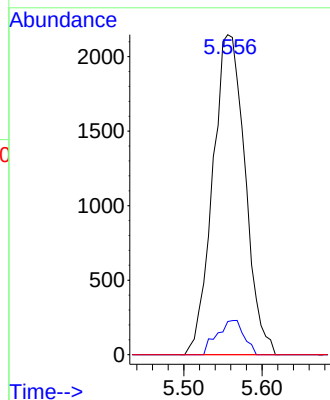
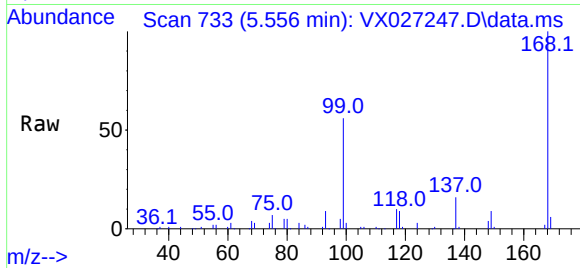




#36
1,1-Dichloropropene
Concen: 4.668 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX027247.D
Acq: 01 Mar 2022 14:43

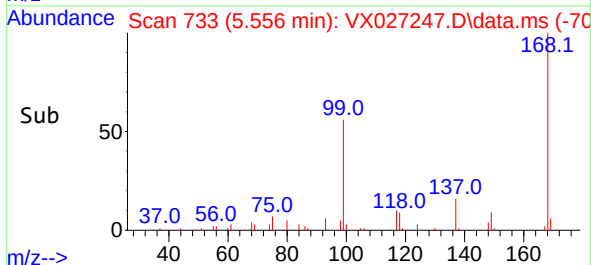
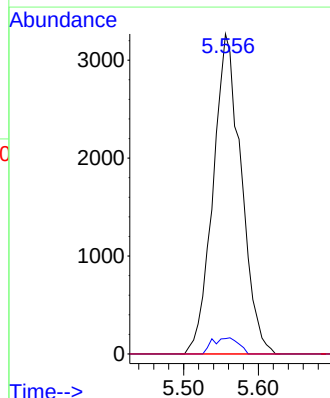
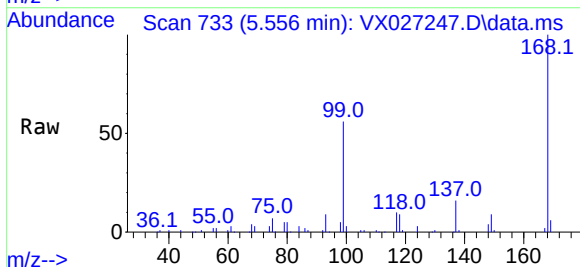
Instrument :
MSVOA_X
ClientSampleId :
MW-26

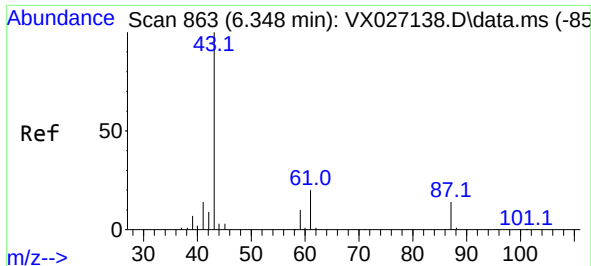
Tgt Ion: 75 Resp: 6172
Ion Ratio Lower Upper
75 100
110 8.9 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 6.202 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX027247.D
Acq: 01 Mar 2022 14:43

Tgt Ion: 117 Resp: 8552
Ion Ratio Lower Upper
117 100
119 4.8 74.7 112.1#
121 0.0 25.4 38.0#

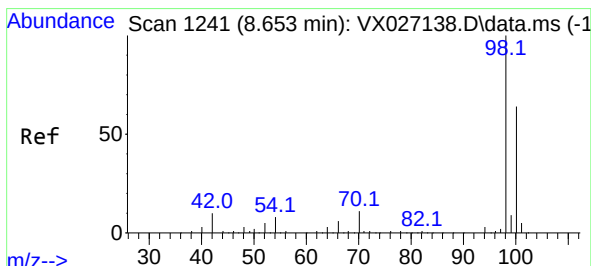
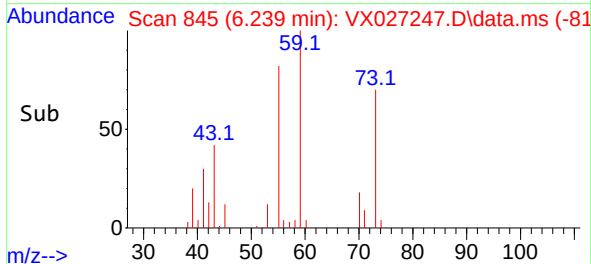
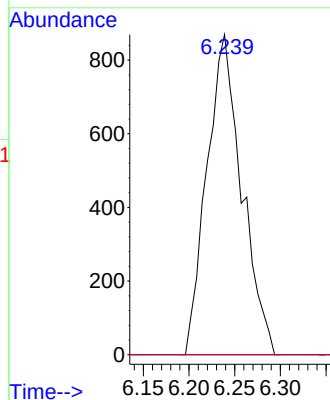
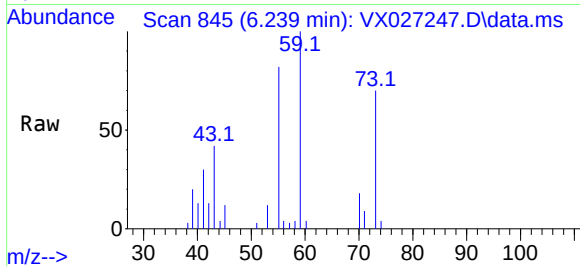




#43
Isopropyl Acetate
Concen: 1.034 ug/l
RT: 6.239 min Scan# 845
Delta R.T. -0.109 min
Lab File: VX027247.D
Acq: 01 Mar 2022 14:43

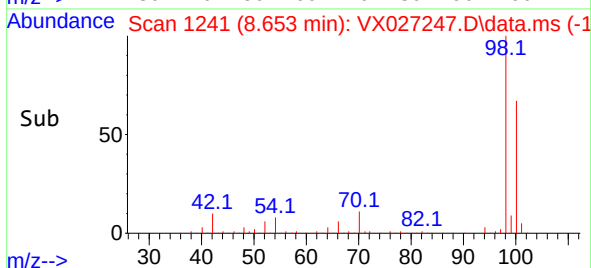
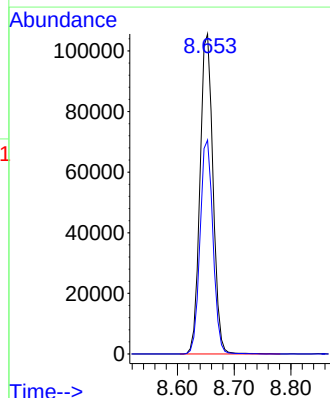
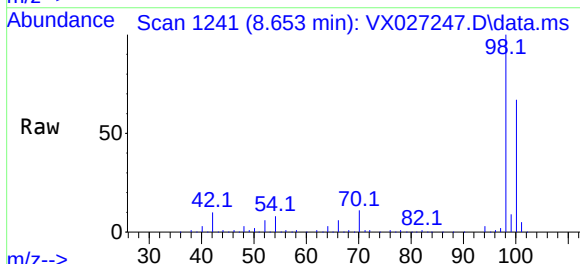
Instrument :
MSVOA_X
ClientSampleId :
MW-26

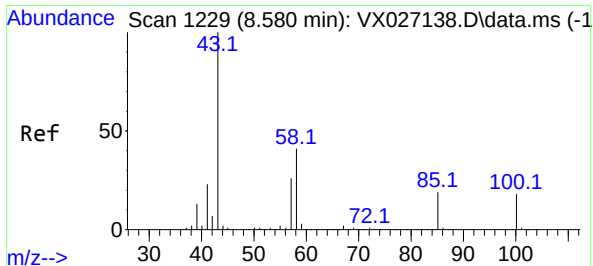
Tgt Ion: 43 Resp: 2308
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.0#
87 0.0 10.2 15.2#



#50
Toluene-d8
Concen: 49.385 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027247.D
Acq: 01 Mar 2022 14:43

Tgt Ion: 98 Resp: 167291
Ion Ratio Lower Upper
98 100
100 66.5 53.2 79.8

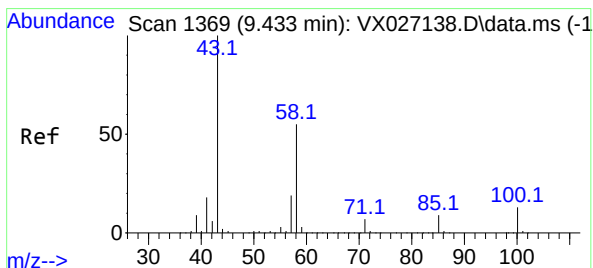
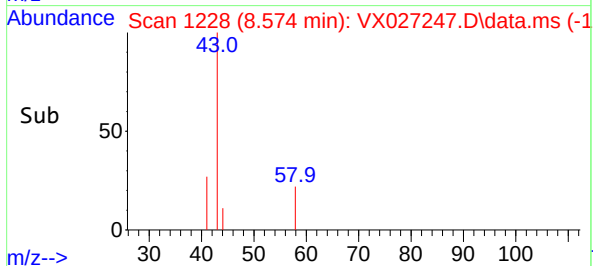
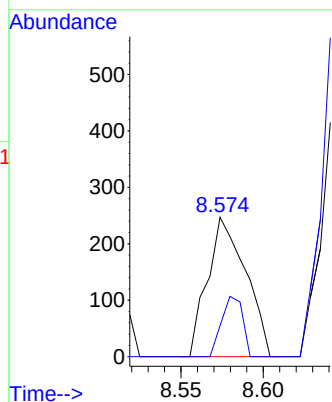
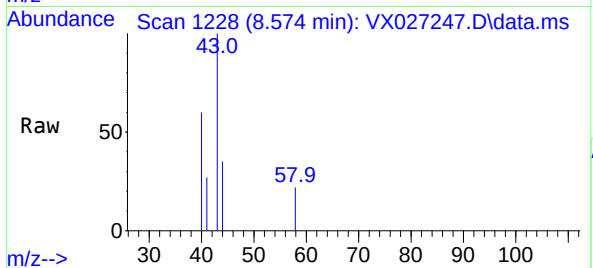




#51
4-Methyl-2-Pentanone
Concen: 0.275 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX027247.D
Acq: 01 Mar 2022 14:43

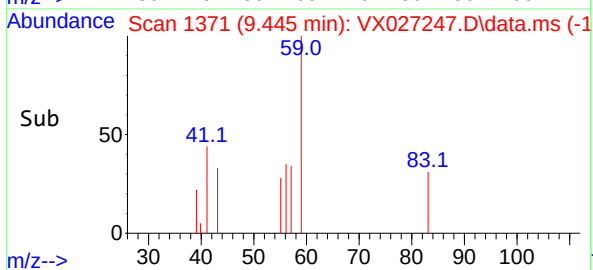
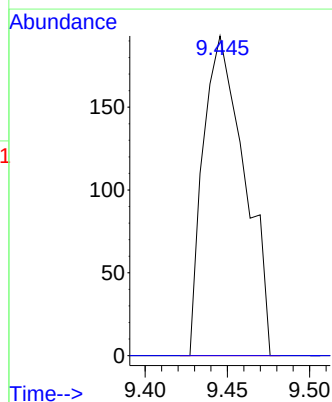
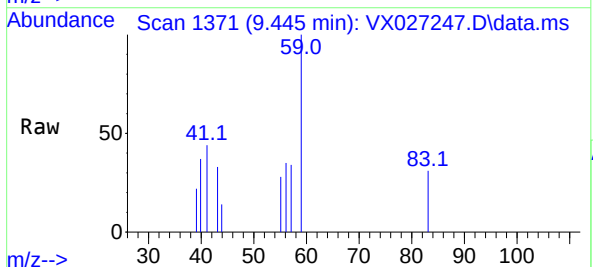
Instrument :
MSVOA_X
ClientSampleId :
MW-26

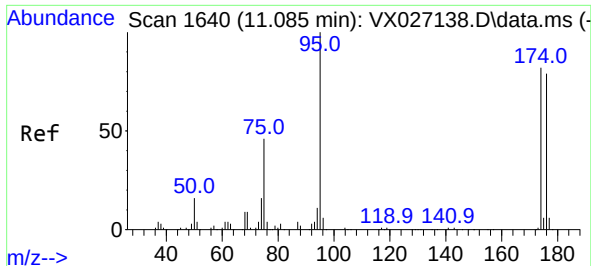
Tgt Ion: 43 Resp: 399
Ion Ratio Lower Upper
43 100
58 23.8 30.5 45.7#



#59
2-Hexanone
Concen: 0.305 ug/l
RT: 9.445 min Scan# 1371
Delta R.T. 0.012 min
Lab File: VX027247.D
Acq: 01 Mar 2022 14:43

Tgt Ion: 43 Resp: 338
Ion Ratio Lower Upper
43 100
58 0.0 26.4 79.2#

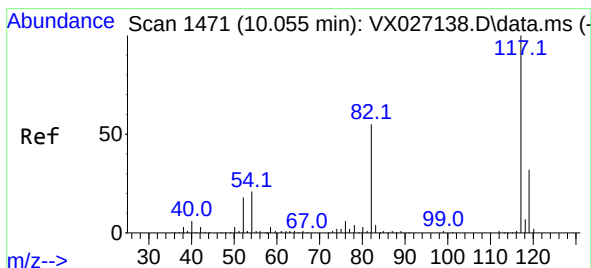
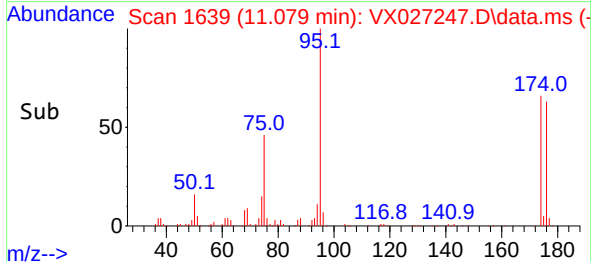
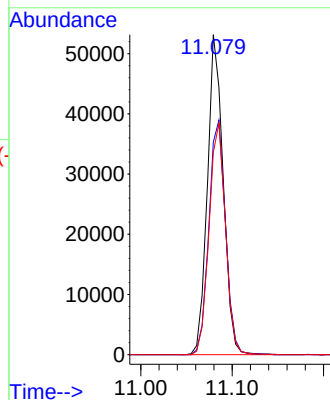
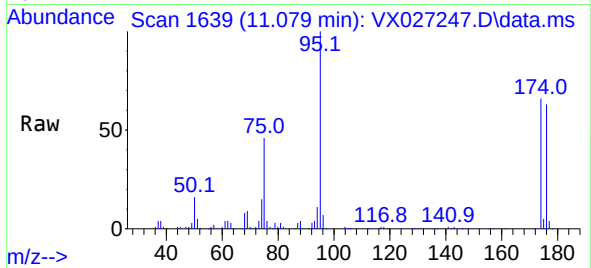




#62
4-Bromofluorobenzene
Concen: 49.010 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027247.D
Acq: 01 Mar 2022 14:43

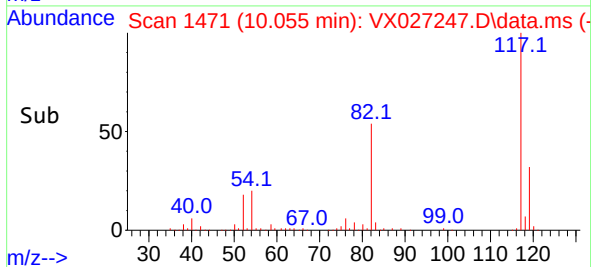
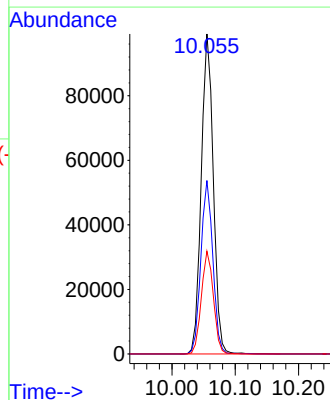
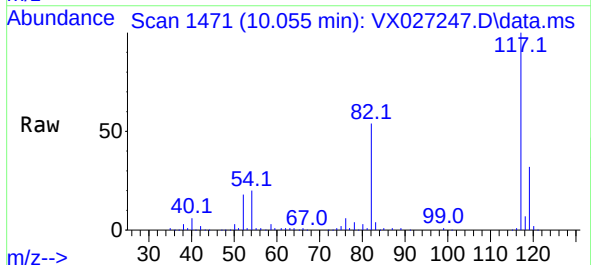
Instrument :
MSVOA_X
ClientSampleId :
MW-26

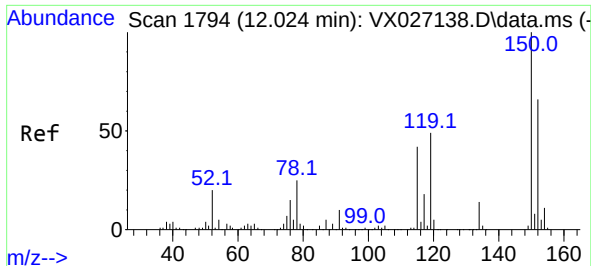
Tgt Ion: 95 Resp: 63727
Ion Ratio Lower Upper
95 100
174 77.3 0.0 148.6
176 74.9 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027247.D
Acq: 01 Mar 2022 14:43

Tgt Ion: 117 Resp: 131891
Ion Ratio Lower Upper
117 100
82 54.2 45.2 67.8
119 32.1 26.2 39.2

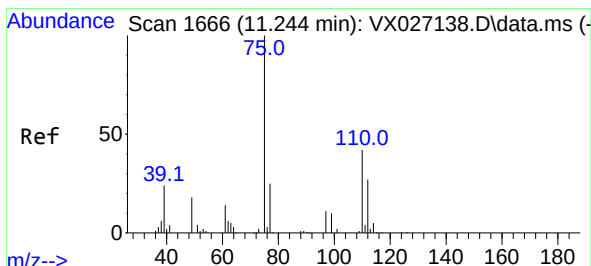
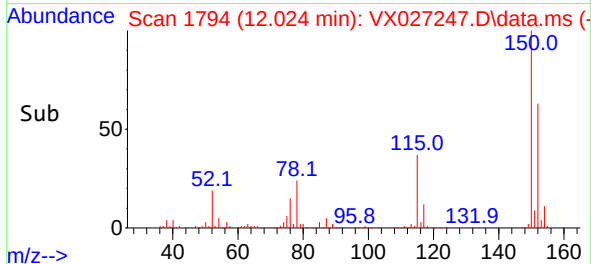
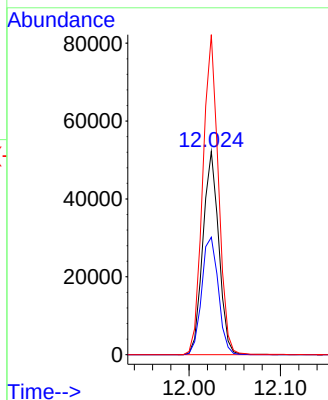
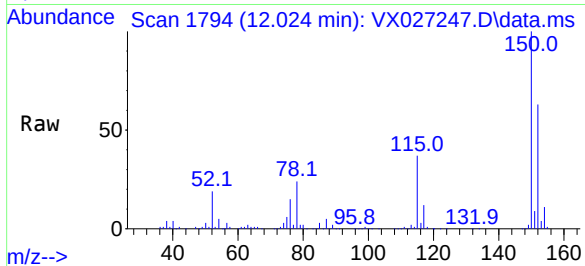




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027247.D
Acq: 01 Mar 2022 14:43

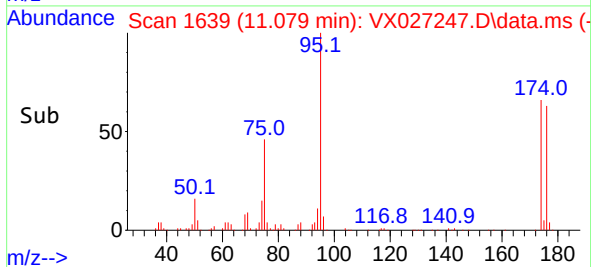
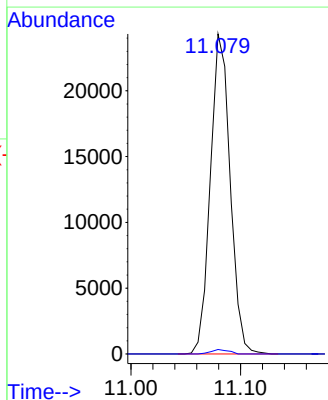
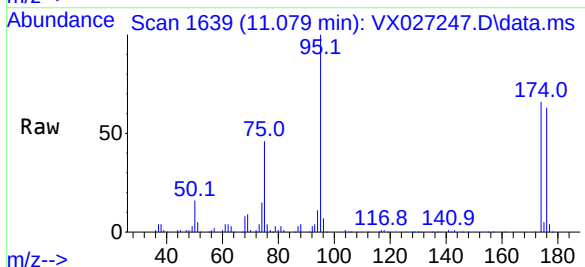
Instrument :
MSVOA_X
ClientSampleId :
MW-26

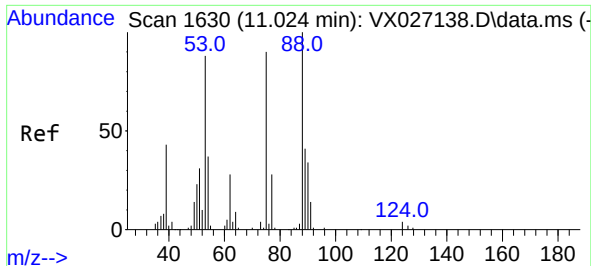
Tgt Ion:152 Resp: 62693
Ion Ratio Lower Upper
152 100
115 60.7 44.2 132.6
150 155.2 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 24.195 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027247.D
Acq: 01 Mar 2022 14:43

Tgt Ion: 75 Resp: 30553
Ion Ratio Lower Upper
75 100
77 1.2 18.3 54.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 68.685 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.055 min
Lab File: VX027247.D
Acq: 01 Mar 2022 14:43

Instrument :
MSVOA_X
ClientSampleId :
MW-26

Tgt Ion: 75 Resp: 30553
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

