

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
 Data File : VX033048.D
 Acq On : 24 Nov 2022 08:45
 Operator : JC/MD
 Sample : N5742-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-42

Quant Time: Nov 25 06:38:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

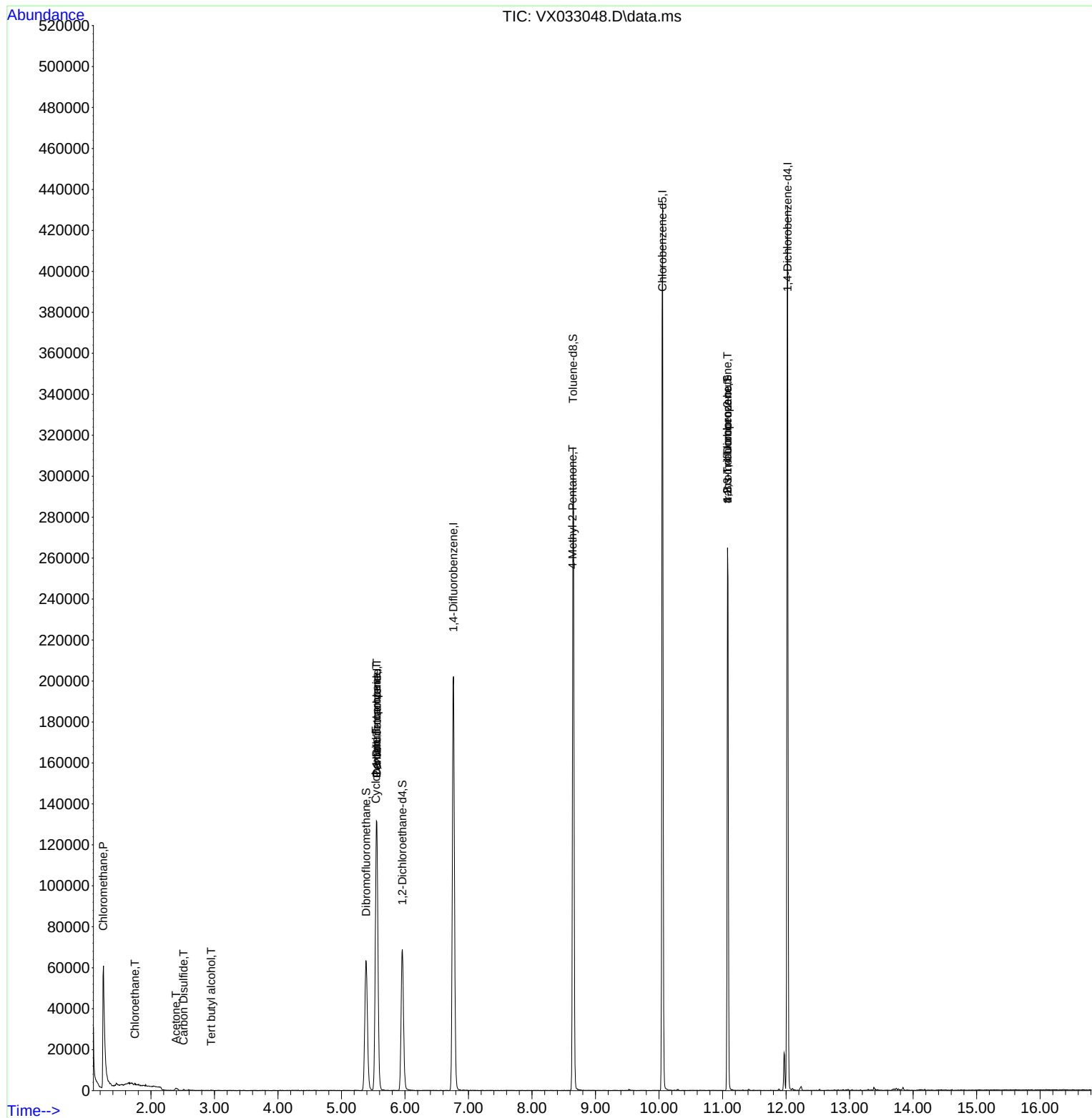
Internal Standards						
1) Pentafluorobenzene	5.556	168	126331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	206240	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69487	56.711	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 113.420%	
35) Dibromofluoromethane	5.385	113	55113	47.401	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.800%	
50) Toluene-d8	8.647	98	188730	54.126	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 108.260%	
62) 4-Bromofluorobenzene	11.079	95	68772	45.027	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.060%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.246	50	2039	1.957	ug/l #	43
6) Chloroethane	1.746	64	303	0.321	ug/l #	42
11) Tert butyl alcohol	2.947	59	49	0.251	ug/l #	72
16) Acetone	2.392	43	1561	2.717	ug/l	92
17) Carbon Disulfide	2.514	76	651	0.214	ug/l #	74
31) Cyclohexane	5.544	56	2839	1.424	ug/l #	32
36) 1,1-Dichloropropene	5.550	75	9577	5.151	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13197	6.399	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	772	0.466	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37117	22.441	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	37117	72.943	ug/l #	6

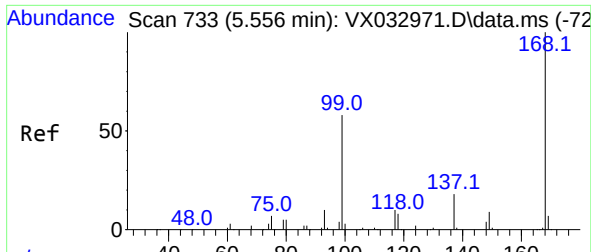
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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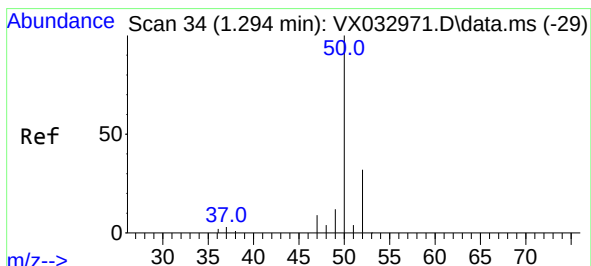
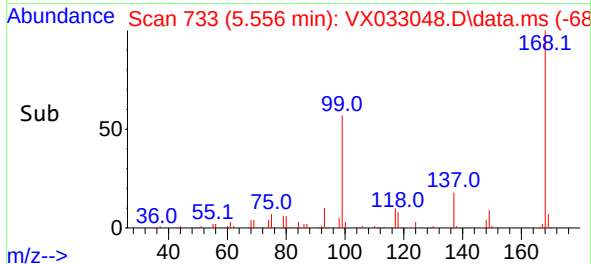
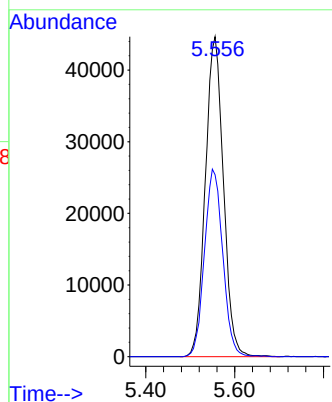
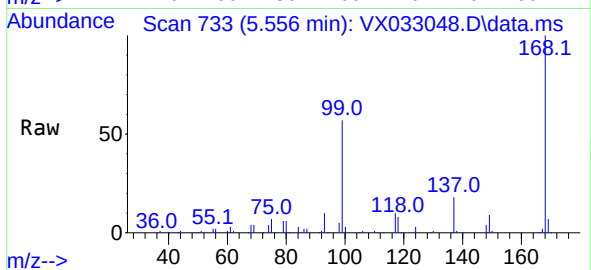




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033048.D
Acq: 24 Nov 2022 08:45

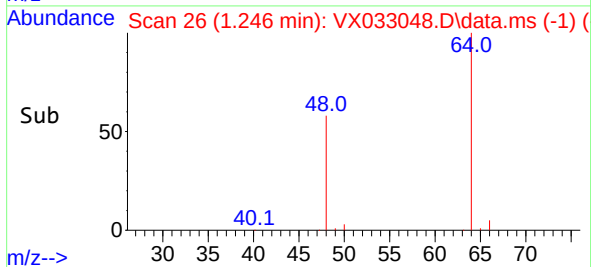
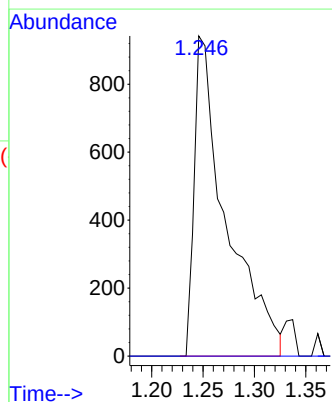
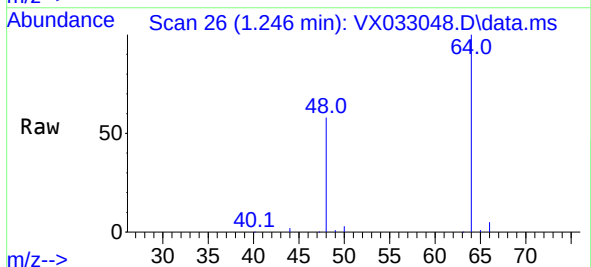
Instrument :
MSVOA_X
ClientSampleId :
MW-42

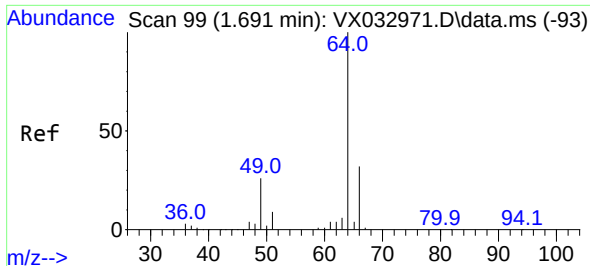
Tgt Ion:168 Resp: 126331
Ion Ratio Lower Upper
168 100
99 56.8 46.1 69.1



#3
Chloromethane
Concen: 1.957 ug/l
RT: 1.246 min Scan# 26
Delta R.T. -0.048 min
Lab File: VX033048.D
Acq: 24 Nov 2022 08:45

Tgt Ion: 50 Resp: 2039
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

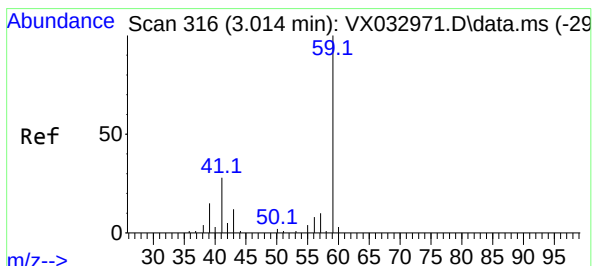
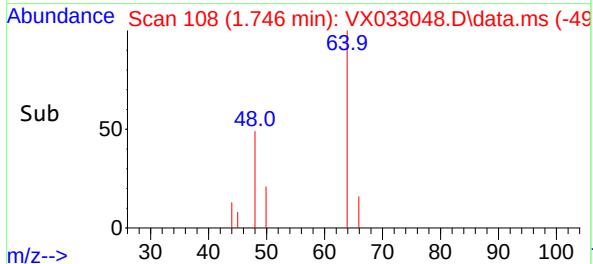
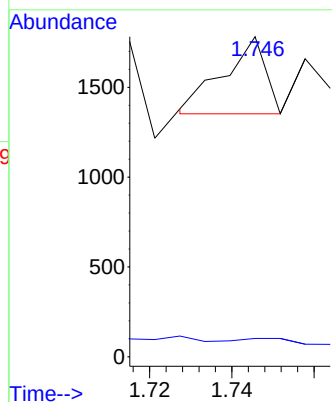
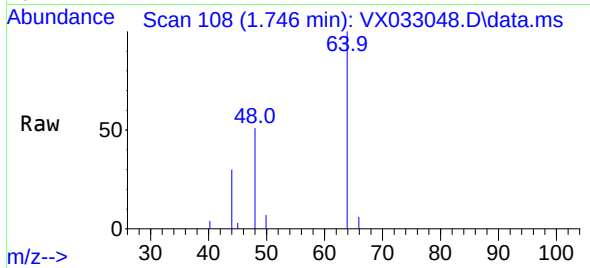




#6
Chloroethane
Concen: 0.321 ug/l
RT: 1.746 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX033048.D
Acq: 24 Nov 2022 08:45

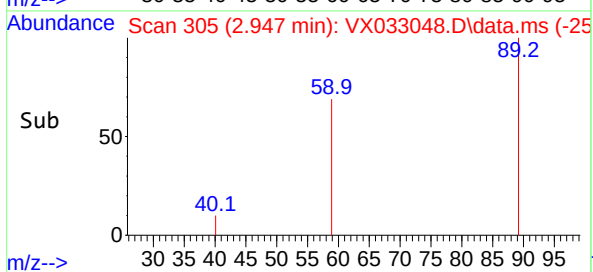
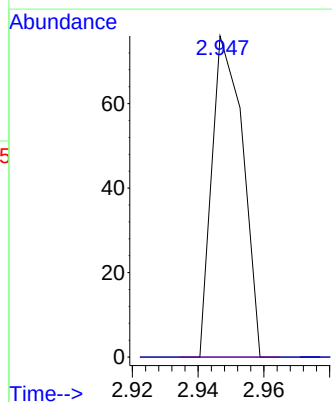
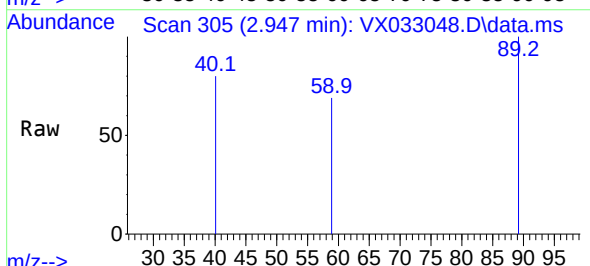
Instrument :
MSVOA_X
ClientSampleId :
MW-42

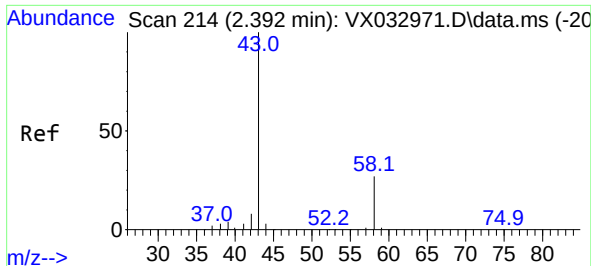
Tgt Ion: 64 Resp: 303
Ion Ratio Lower Upper
64 100
66 0.0 26.0 39.0#



#11
Tert butyl alcohol
Concen: 0.251 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX033048.D
Acq: 24 Nov 2022 08:45

Tgt Ion: 59 Resp: 49
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

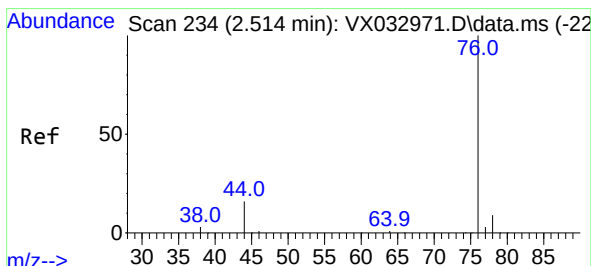
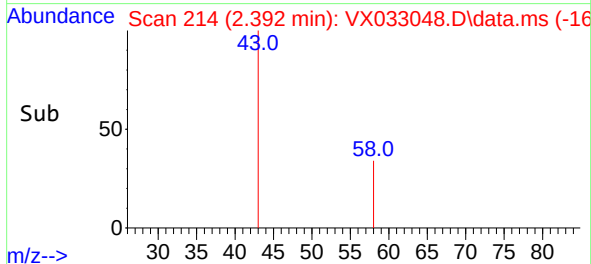
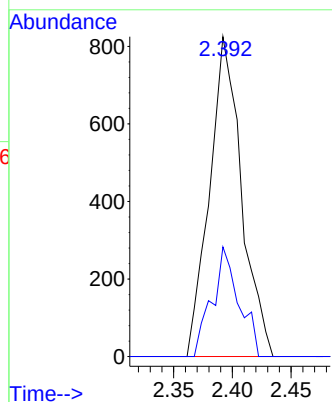
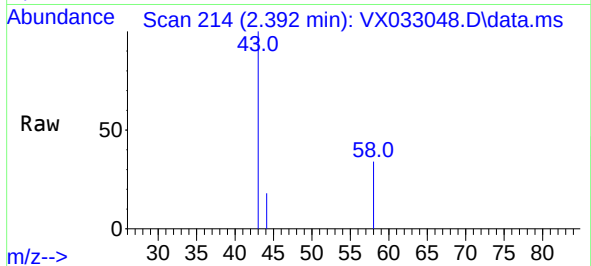




#16
Acetone
Concen: 2.717 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX033048.D
Acq: 24 Nov 2022 08:45

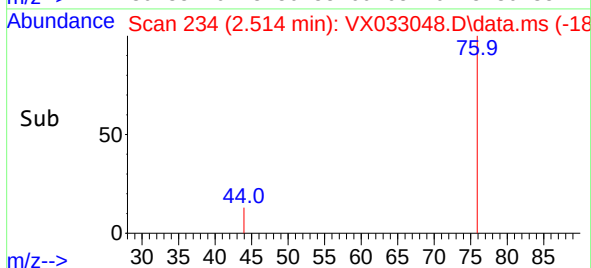
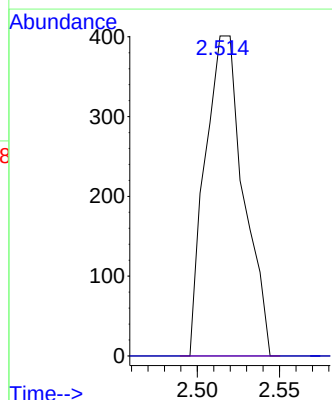
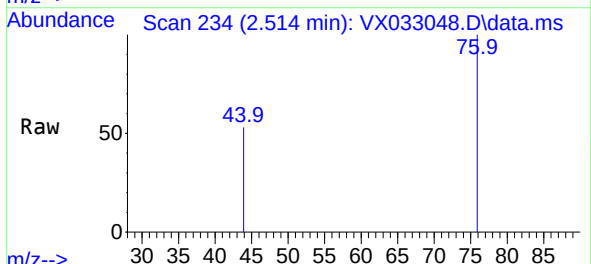
Instrument :
MSVOA_X
ClientSampleId :
MW-42

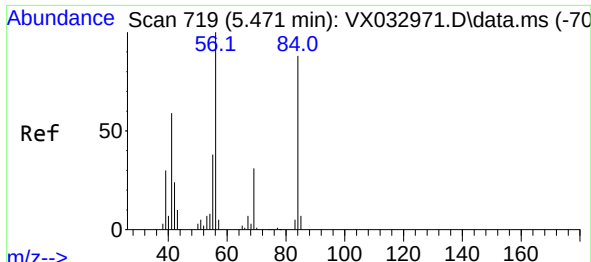
Tgt Ion: 43 Resp: 1561
Ion Ratio Lower Upper
43 100
58 34.3 23.8 35.8



#17
Carbon Disulfide
Concen: 0.214 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033048.D
Acq: 24 Nov 2022 08:45

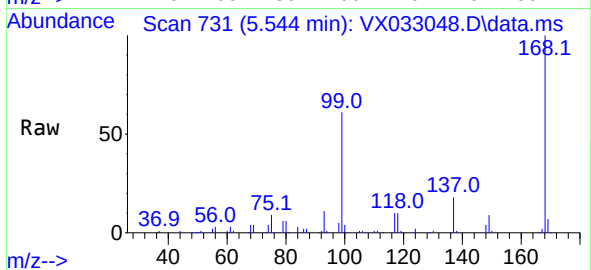
Tgt Ion: 76 Resp: 651
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#





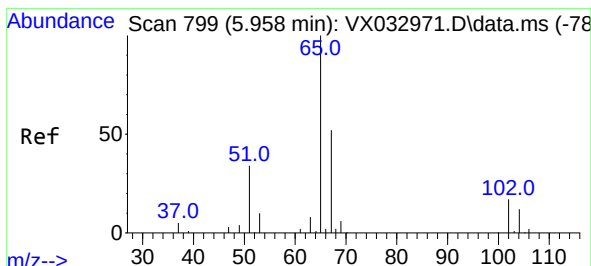
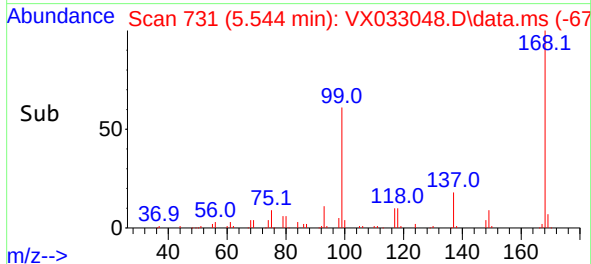
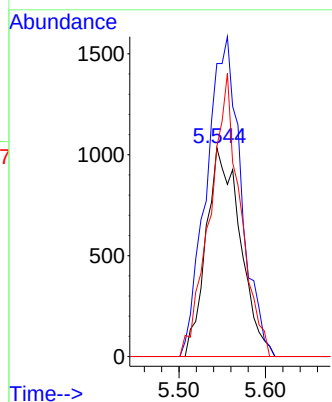
#31
Cyclohexane
Concen: 1.424 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX033048.D
Acq: 24 Nov 2022 08:45

Instrument :
MSVOA_X
ClientSampleId :
MW-42



Tgt Ion: 56 Resp: 2839

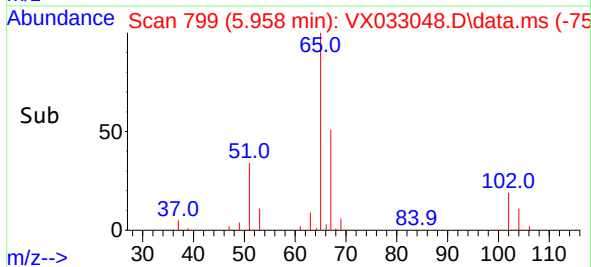
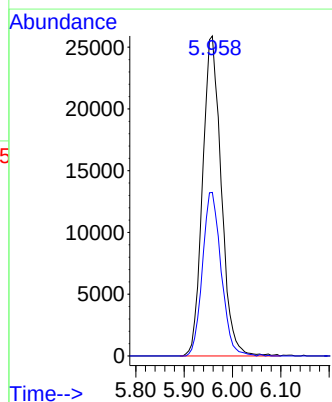
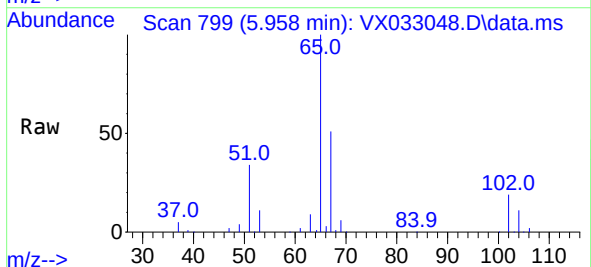
Ion	Ratio	Lower	Upper
56	100		
69	140.4	24.1	36.1#
84	100.6	66.9	100.3#

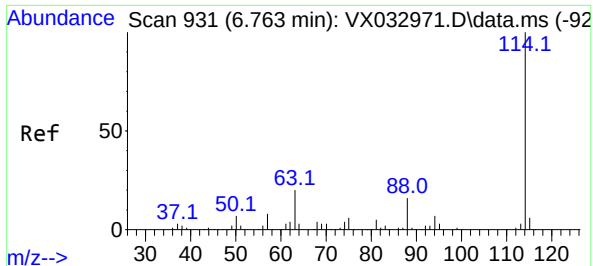


#33
1,2-Dichloroethane-d4
Concen: 56.711 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033048.D
Acq: 24 Nov 2022 08:45

Tgt Ion: 65 Resp: 69487

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033048.D

Acq: 24 Nov 2022 08:45

Instrument :

MSVOA_X

ClientSampleId :

MW-42

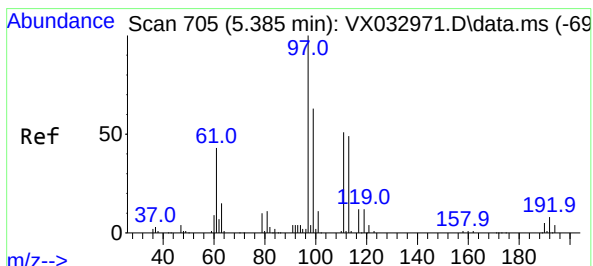
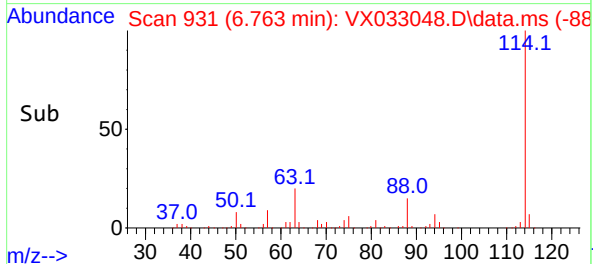
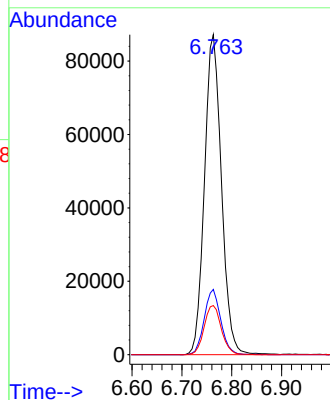
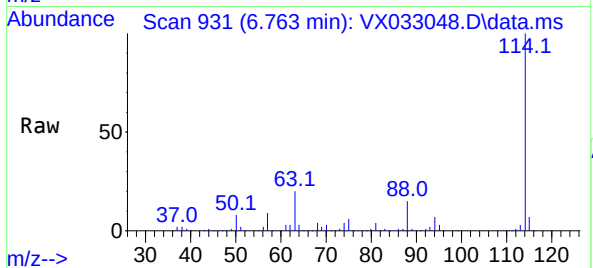
Tgt Ion:114 Resp: 206240

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.6

88 15.3 0.0 33.4



#35

Dibromofluoromethane

Concen: 47.401 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX033048.D

Acq: 24 Nov 2022 08:45

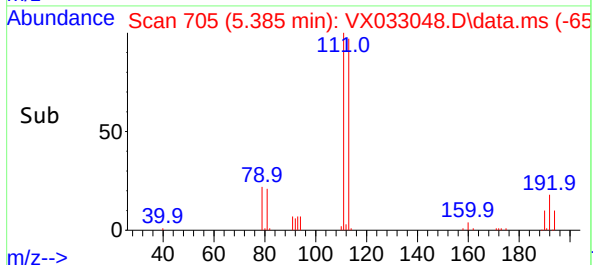
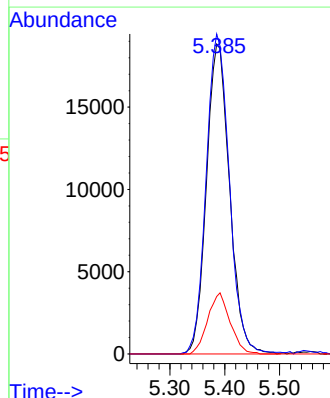
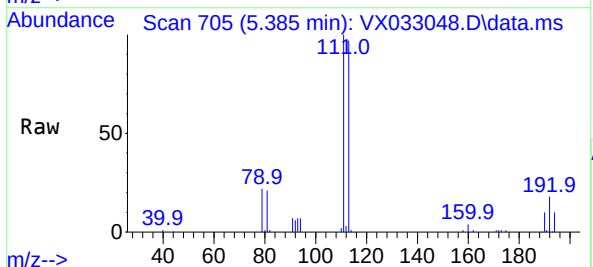
Tgt Ion:113 Resp: 55113

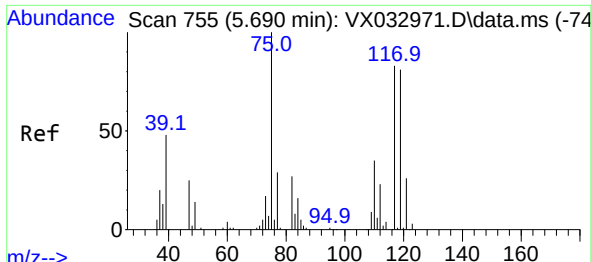
Ion Ratio Lower Upper

113 100

111 103.8 82.4 123.6

192 19.1 15.4 23.2

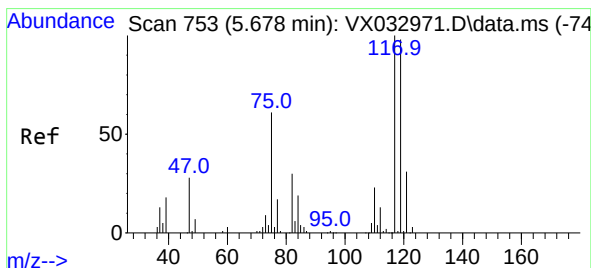
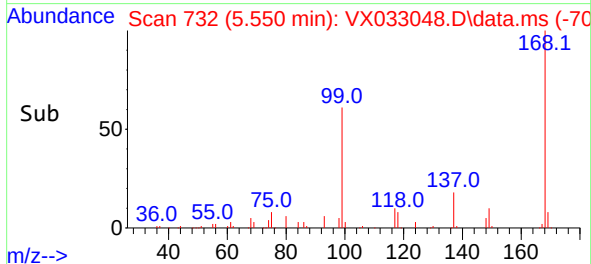
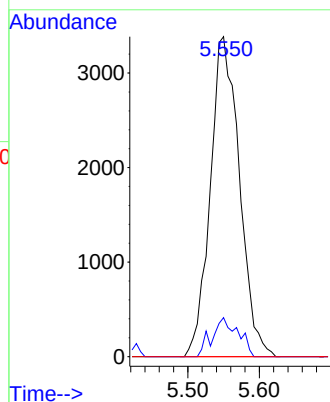
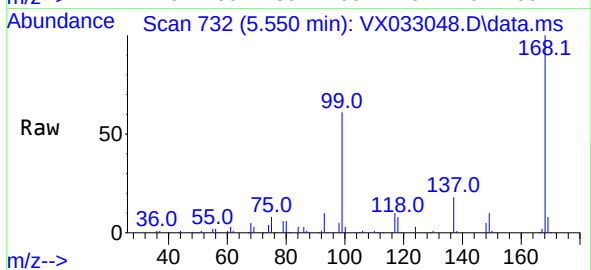




#36
1,1-Dichloropropene
Concen: 5.151 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX033048.D
Acq: 24 Nov 2022 08:45

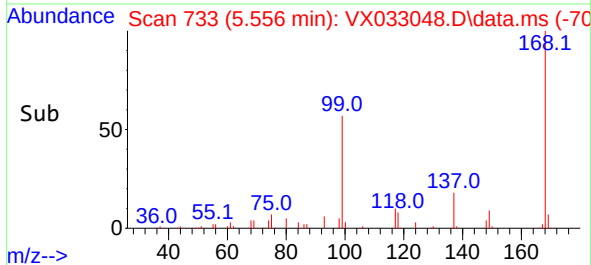
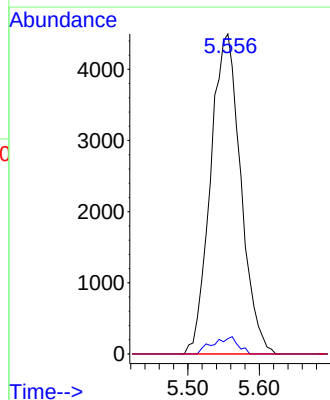
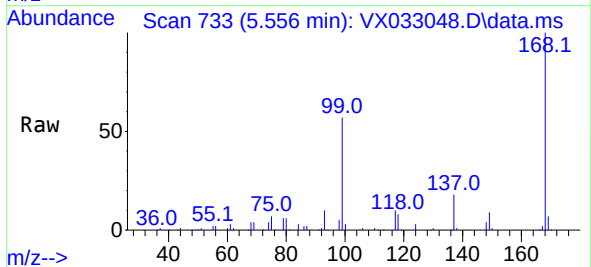
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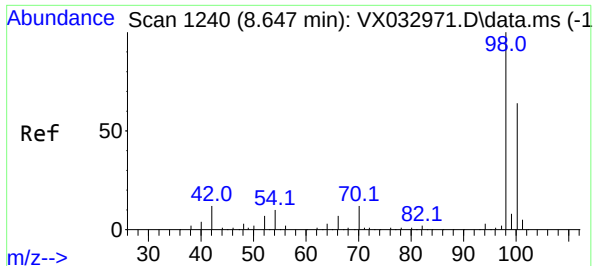
Tgt Ion: 75 Resp: 9577
Ion Ratio Lower Upper
75 100
110 10.9 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.399 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX033048.D
Acq: 24 Nov 2022 08:45

Tgt Ion: 117 Resp: 13197
Ion Ratio Lower Upper
117 100
119 4.8 77.2 115.8#
121 0.0 25.8 38.6#

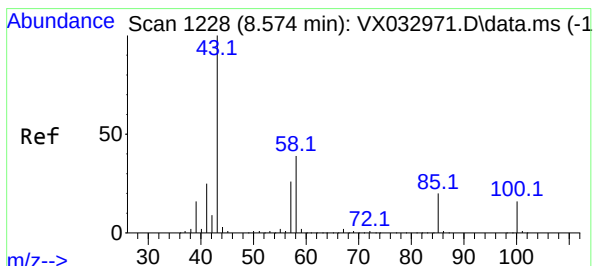
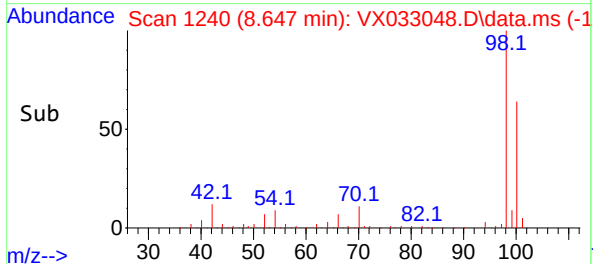
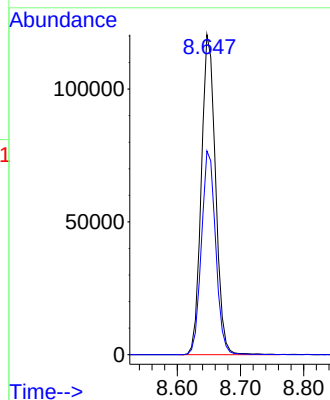
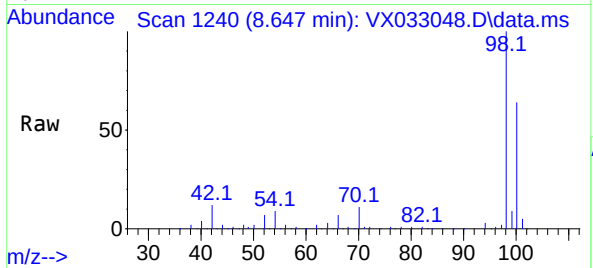




#50
Toluene-d8
Concen: 54.126 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033048.D
Acq: 24 Nov 2022 08:45

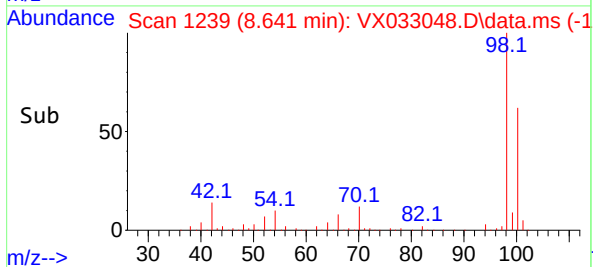
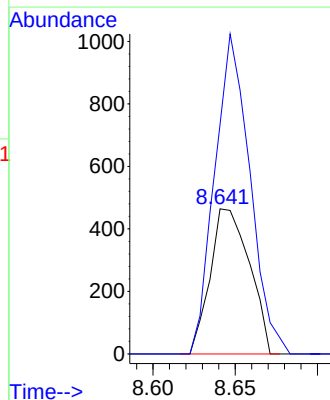
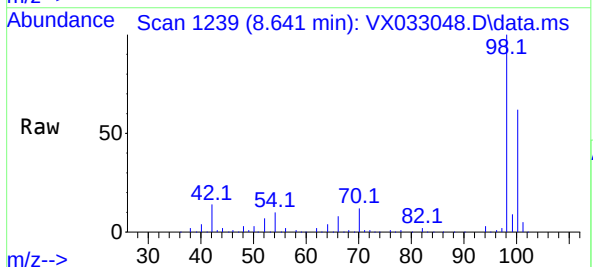
Instrument :
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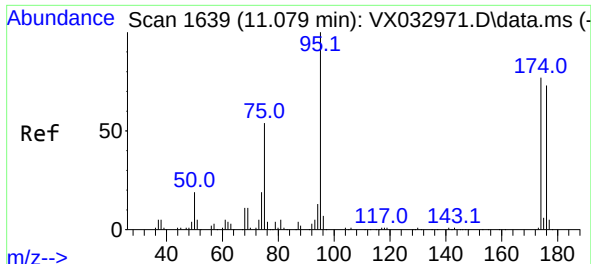
Tgt Ion: 98 Resp: 188730
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.466 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX033048.D
Acq: 24 Nov 2022 08:45

Tgt Ion: 43 Resp: 772
Ion Ratio Lower Upper
43 100
58 197.8 30.9 46.3#

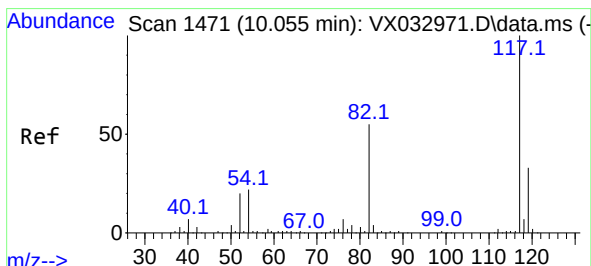
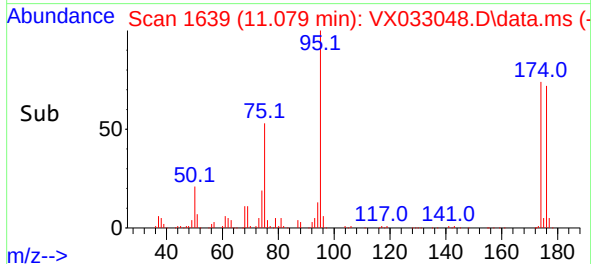
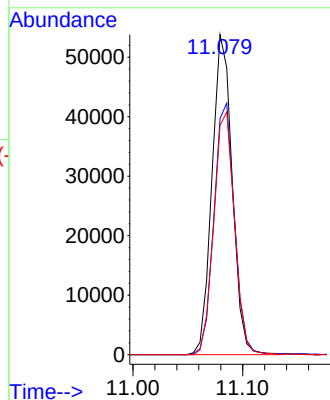
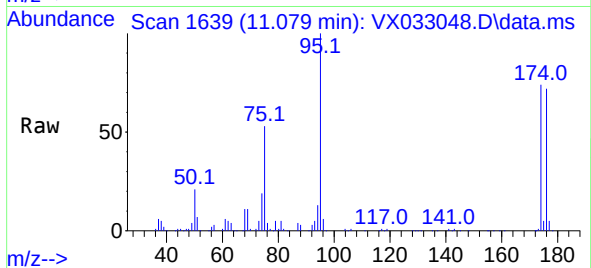




#62
4-Bromofluorobenzene
Concen: 45.027 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033048.D
Acq: 24 Nov 2022 08:45

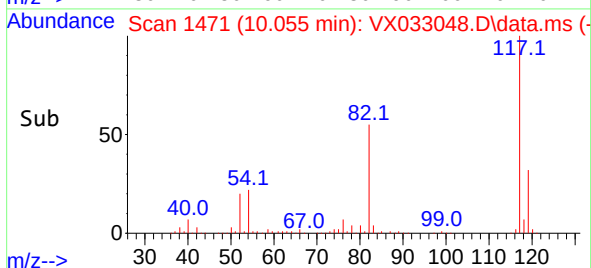
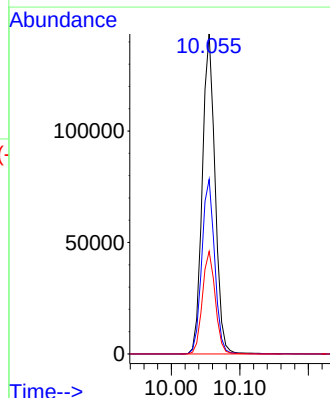
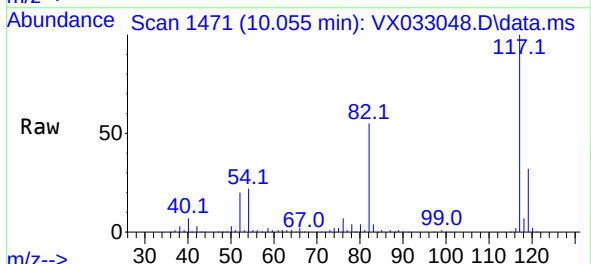
Instrument :
MSVOA_X
ClientSampleId :
MW-42

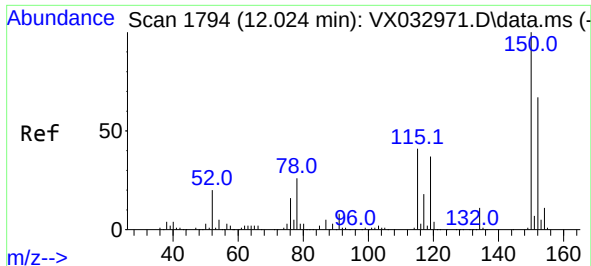
Tgt Ion: 95 Resp: 68772
Ion Ratio Lower Upper
95 100
174 80.2 0.0 164.0
176 78.1 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033048.D
Acq: 24 Nov 2022 08:45

Tgt Ion: 117 Resp: 186319
Ion Ratio Lower Upper
117 100
82 54.5 44.3 66.5
119 32.1 25.7 38.5

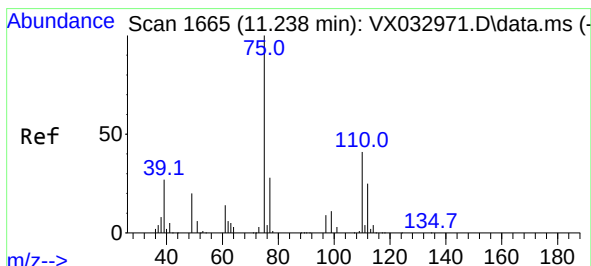
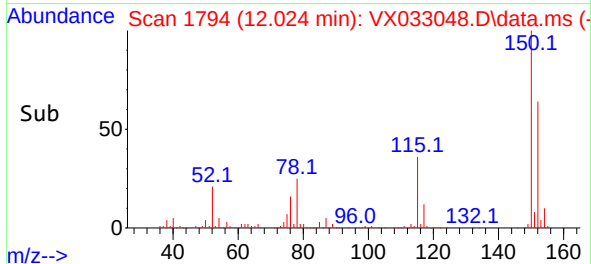
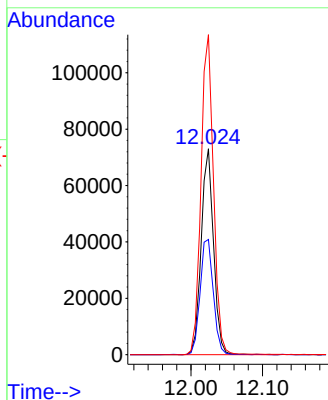
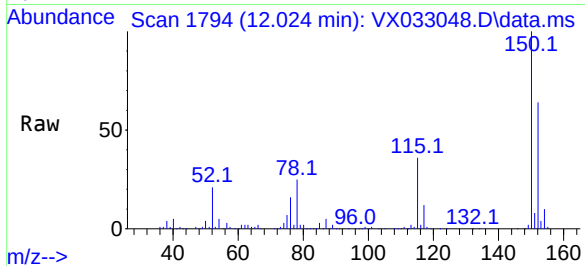




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033048.D
Acq: 24 Nov 2022 08:45

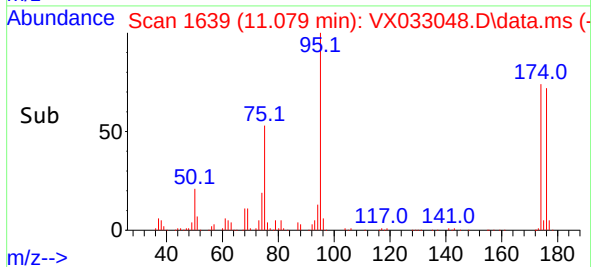
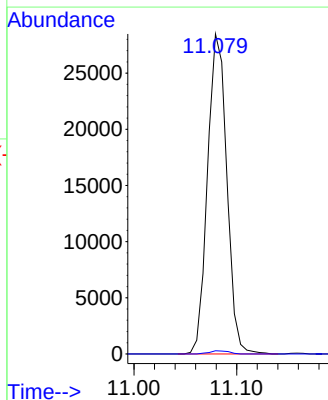
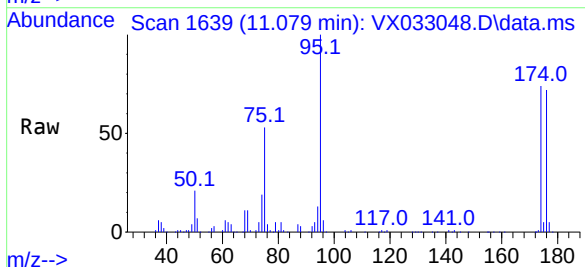
Instrument :
MSVOA_X
ClientSampleId :
MW-42

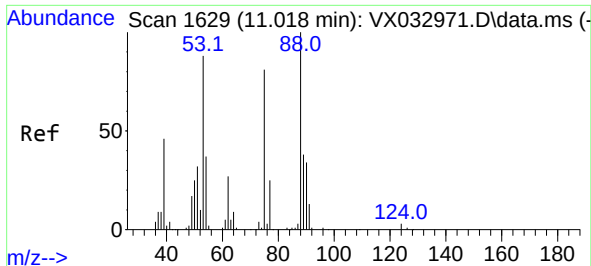
Tgt Ion:152 Resp: 87336
Ion Ratio Lower Upper
152 100
115 60.0 44.0 132.0
150 158.1 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 22.441 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033048.D
Acq: 24 Nov 2022 08:45

Tgt Ion: 75 Resp: 37117
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.943 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX033048.D
 Acq: 24 Nov 2022 08:45

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-42

Tgt Ion: 75 Resp: 37117
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

