

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
 Data File : VX033006.D
 Acq On : 23 Nov 2022 02:03
 Operator : JC/MD
 Sample : N5741-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-24

Quant Time: Nov 23 05:53:04 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)

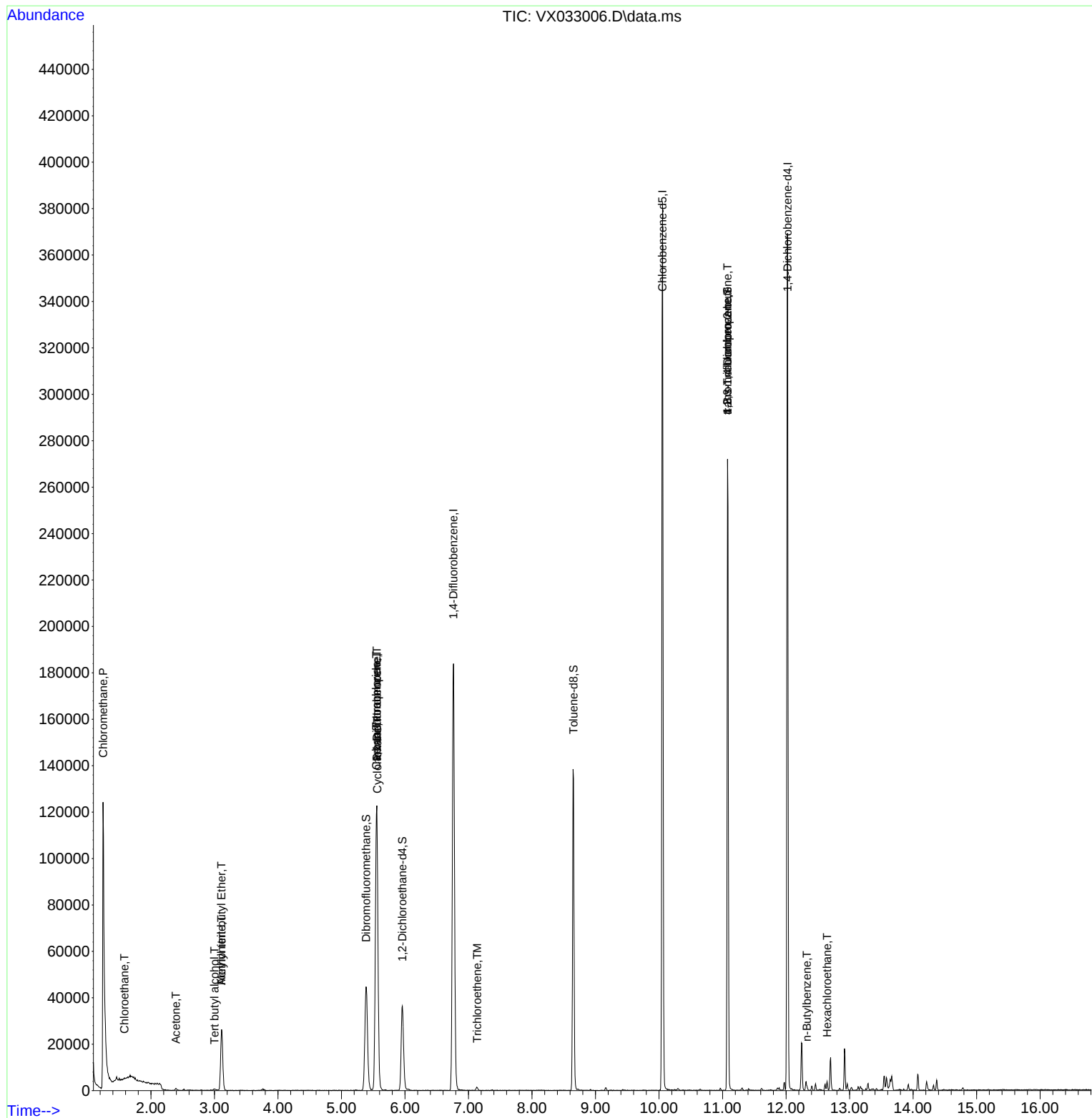
Internal Standards						
1) Pentafluorobenzene	5.556	168	114951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	188578	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	168419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	36562	31.384	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	62.760%#
35) Dibromofluoromethane	5.385	113	39650	37.295	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	74.600%#
50) Toluene-d8	8.653	98	82548	24.715	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	49.420%#
62) 4-Bromofluorobenzene	11.079	95	69840	50.009	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.020%
Target Compounds						
					Qvalue	
3) Chloromethane	1.246	50	4014	4.234	ug/l #	43
6) Chloroethane	1.581	64	1050	1.222	ug/l #	56
11) Tert butyl alcohol	3.001	59	704	3.967	ug/l #	72
15) Acrylonitrile	3.111	53	388	0.773	ug/l #	20
16) Acetone	2.392	43	1092	2.089	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	28817	8.283	ug/l	99
31) Cyclohexane	5.562	56	2667	1.470	ug/l #	46
36) 1,1-Dichloropropene	5.556	75	9310	5.477	ug/l #	50
38) Carbon Tetrachloride	5.550	117	12282	6.513	ug/l #	16
44) Trichloroethene	7.135	130	628	0.470	ug/l	87
76) 1,2,3-Trichloropropane	11.079	75	38322	25.881	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	38322	84.125	ug/l #	6
89) n-Butylbenzene	12.329	91	1021	0.250	ug/l #	55
90) Hexachloroethane	12.646	117	1573	2.022	ug/l #	12

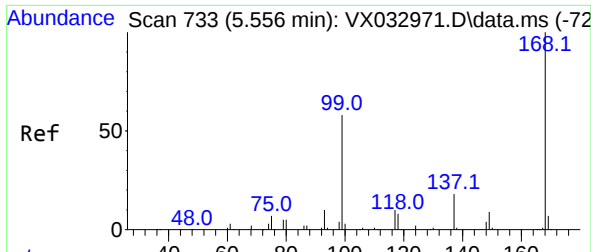
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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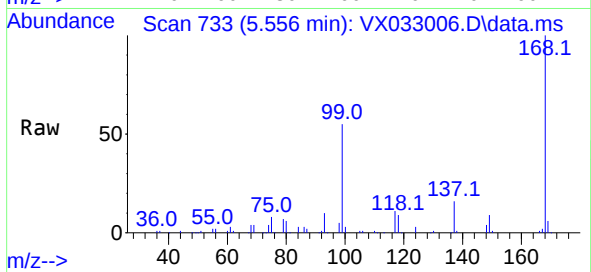
Quant Time: Nov 23 05:53:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 22 13:58:46 2022
Response via : Initial Calibration



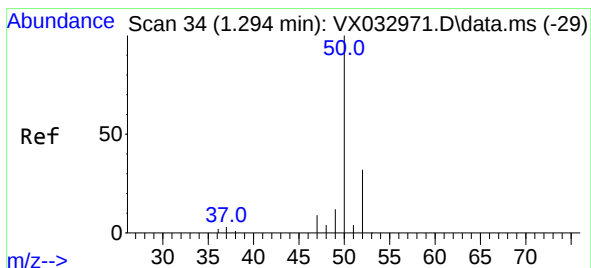
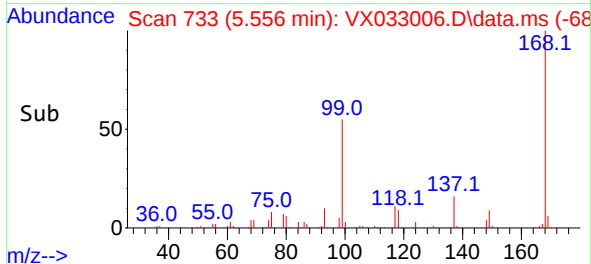
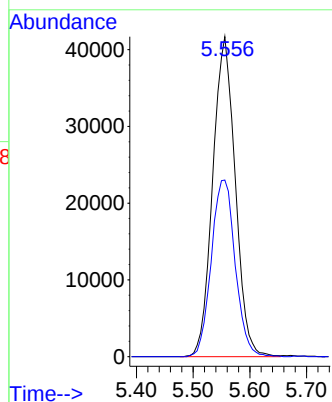


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033006.D
Acq: 23 Nov 2022 02:03

Instrument :
MSVOA_X
ClientSampleId :
MW-24

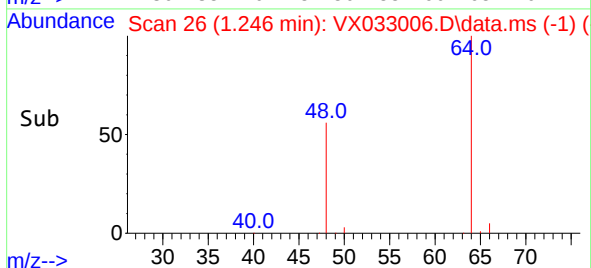
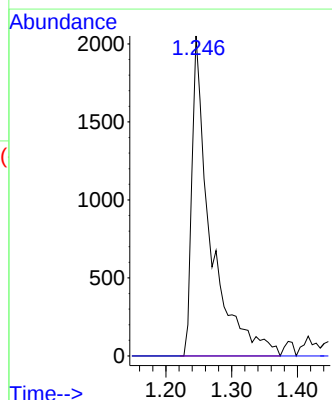
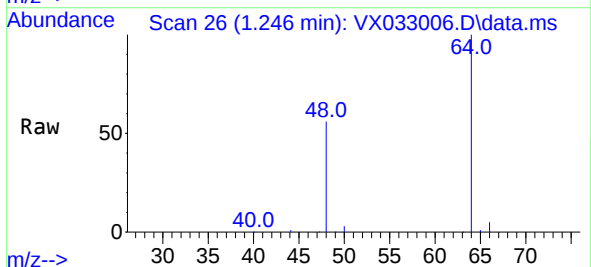


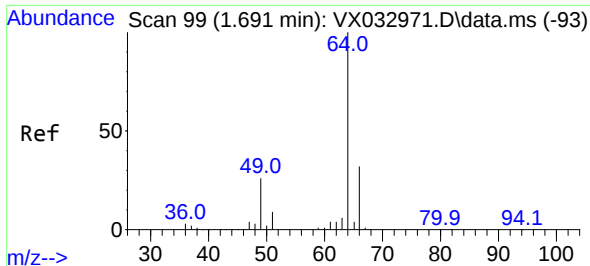
Tgt Ion:168 Resp: 114951
Ion Ratio Lower Upper
168 100
99 55.2 46.1 69.1



#3
Chloromethane
Concen: 4.234 ug/l
RT: 1.246 min Scan# 26
Delta R.T. -0.048 min
Lab File: VX033006.D
Acq: 23 Nov 2022 02:03

Tgt Ion: 50 Resp: 4014
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

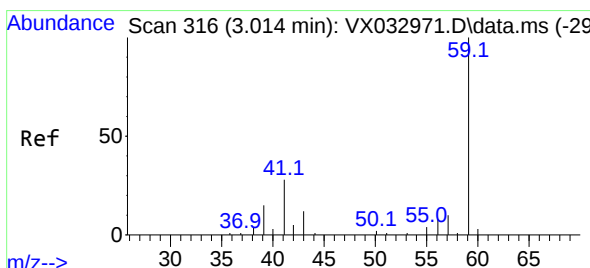
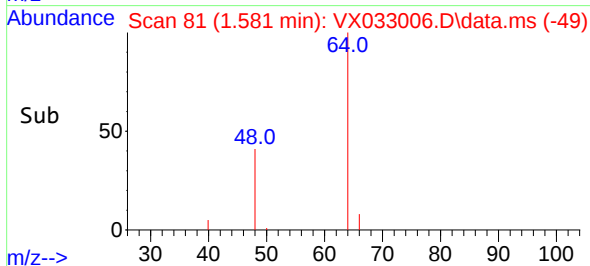
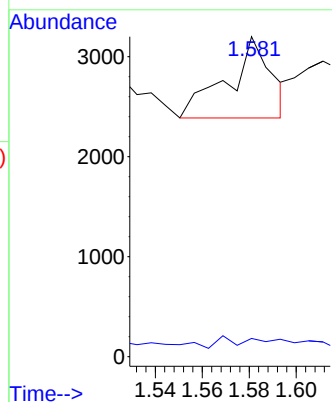
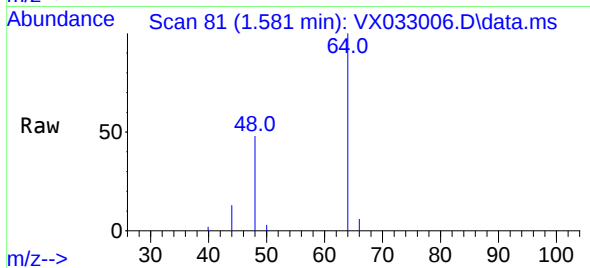




#6
Chloroethane
Concen: 1.222 ug/l
RT: 1.581 min Scan# 81
Delta R.T. -0.104 min
Lab File: VX033006.D
Acq: 23 Nov 2022 02:03

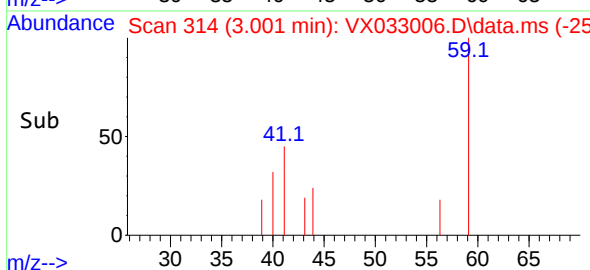
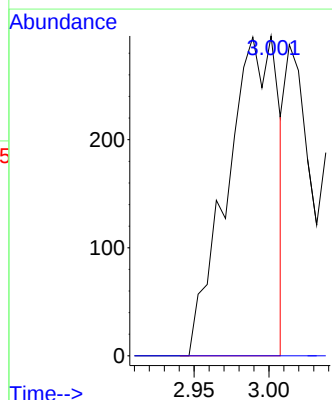
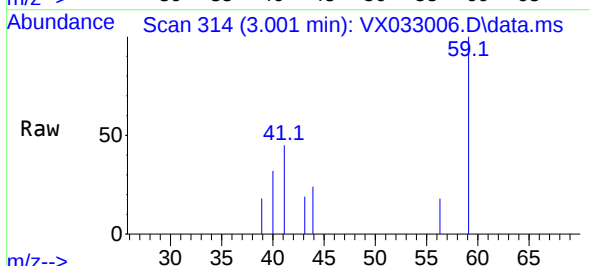
Instrument :
MSVOA_X
ClientSampleId :
MW-24

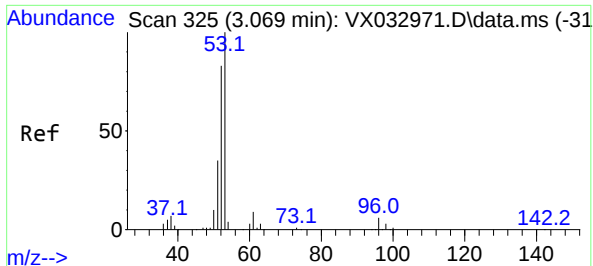
Tgt Ion: 64 Resp: 1050
Ion Ratio Lower Upper
64 100
66 7.8 26.0 39.0#



#11
Tert butyl alcohol
Concen: 3.967 ug/l
RT: 3.001 min Scan# 314
Delta R.T. 0.036 min
Lab File: VX033006.D
Acq: 23 Nov 2022 02:03

Tgt Ion: 59 Resp: 704
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

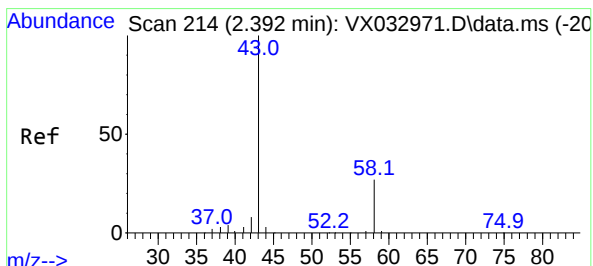
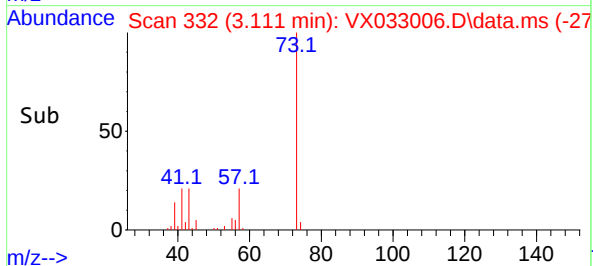
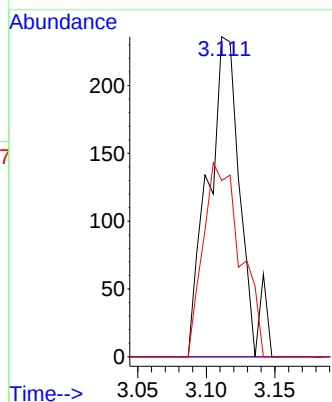
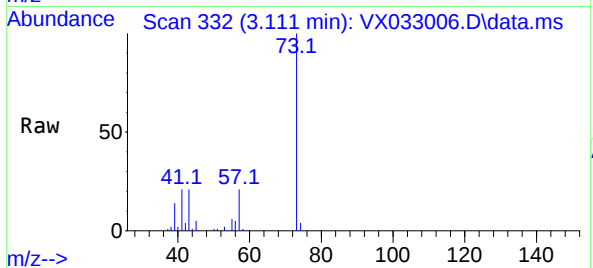




#15
Acrylonitrile
Concen: 0.773 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.049 min
Lab File: VX033006.D
Acq: 23 Nov 2022 02:03

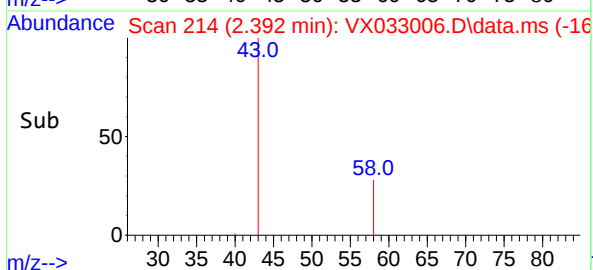
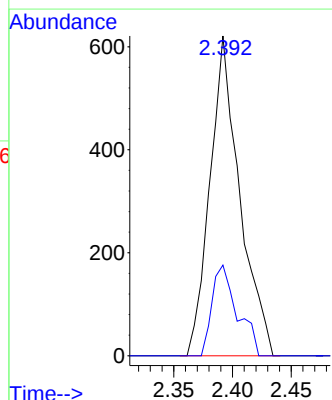
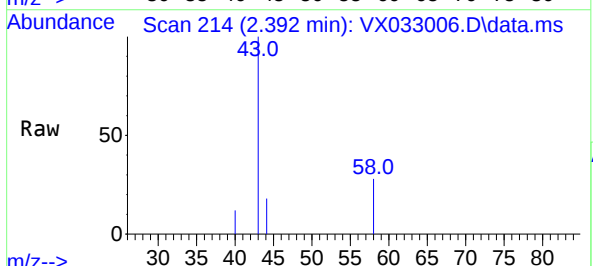
Instrument :
MSVOA_X
ClientSampleId :
MW-24

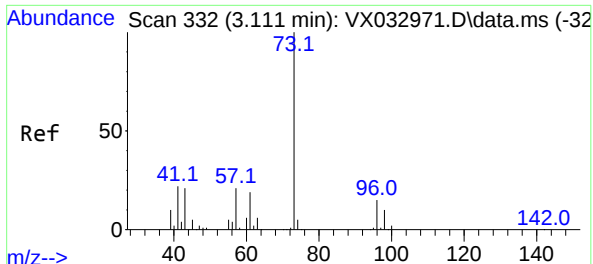
Tgt Ion: 53 Resp: 388
Ion Ratio Lower Upper
53 100
52 0.0 67.4 101.0#
51 69.8 30.3 45.5#



#16
Acetone
Concen: 2.089 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX033006.D
Acq: 23 Nov 2022 02:03

Tgt Ion: 43 Resp: 1092
Ion Ratio Lower Upper
43 100
58 28.3 23.8 35.8





#19

Methyl tert-butyl Ether

Concen: 8.283 ug/l

RT: 3.111 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX033006.D

Acq: 23 Nov 2022 02:03

Instrument :

MSVOA_X

ClientSampleId :

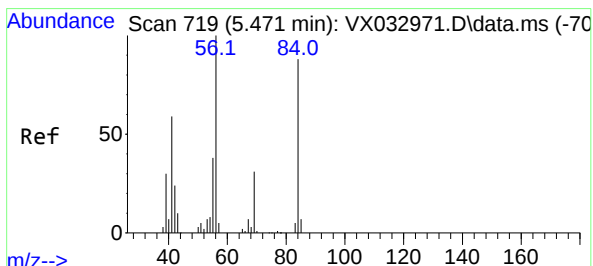
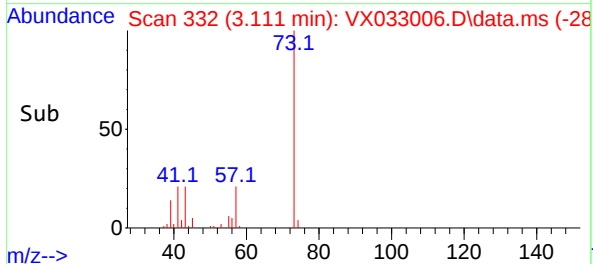
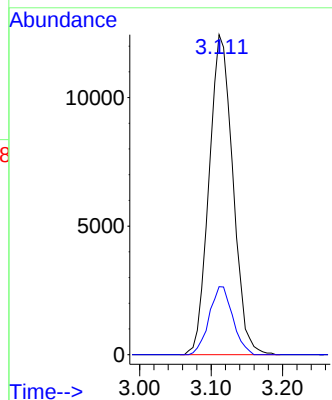
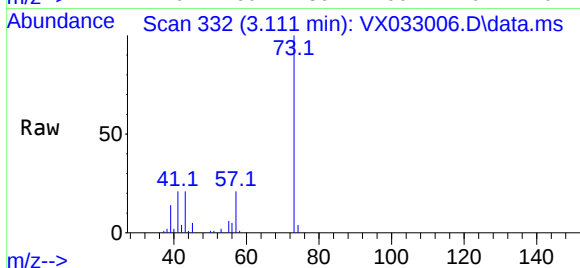
MW-24

Tgt Ion: 73 Resp: 28817

Ion Ratio Lower Upper

73 100

57 21.2 16.6 25.0



#31

Cyclohexane

Concen: 1.470 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.092 min

Lab File: VX033006.D

Acq: 23 Nov 2022 02:03

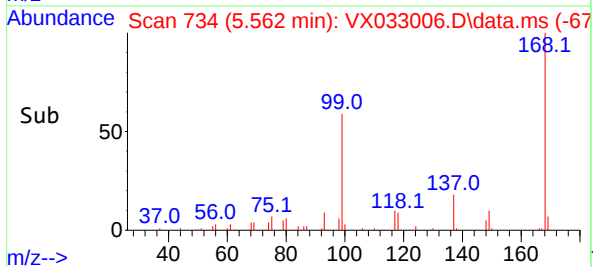
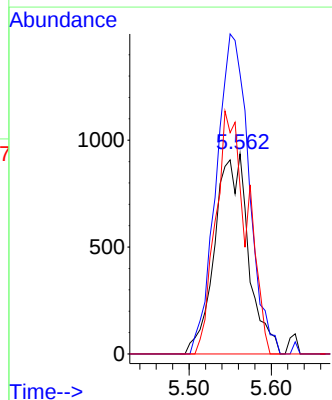
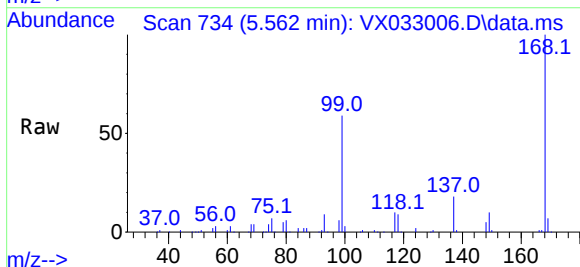
Tgt Ion: 56 Resp: 2667

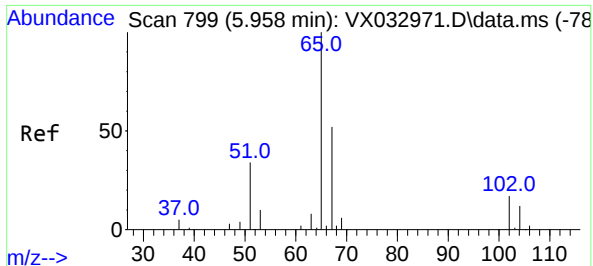
Ion Ratio Lower Upper

56 100

69 140.0 24.1 36.1#

84 83.5 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 31.384 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033006.D

Acq: 23 Nov 2022 02:03

Instrument :

MSVOA_X

ClientSampleId :

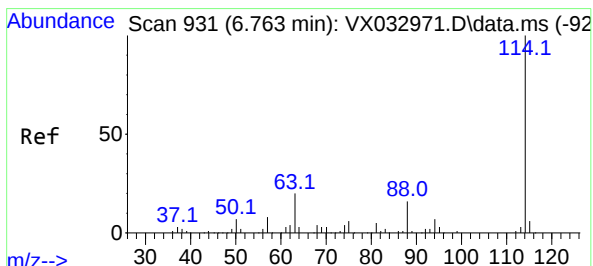
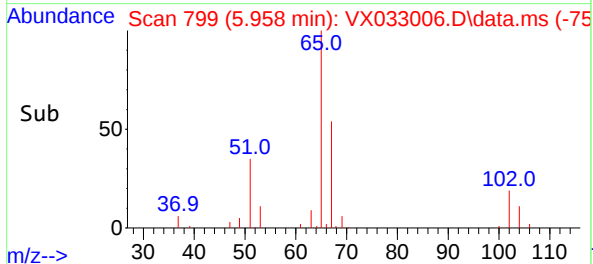
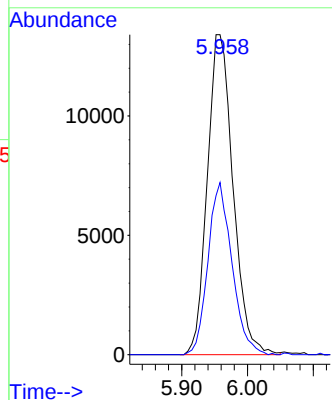
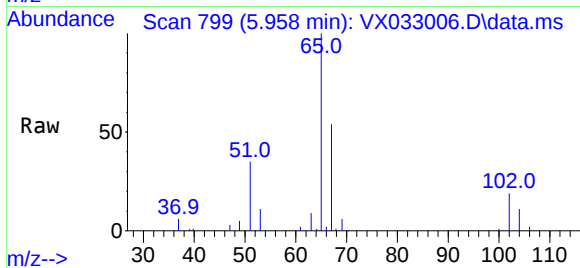
MW-24

Tgt Ion: 65 Resp: 36562

Ion Ratio Lower Upper

65 100

67 50.2 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: VX033006.D

Acq: 23 Nov 2022 02:03

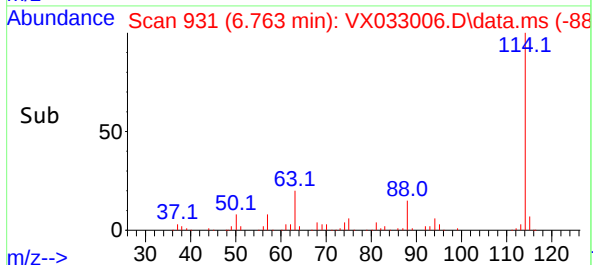
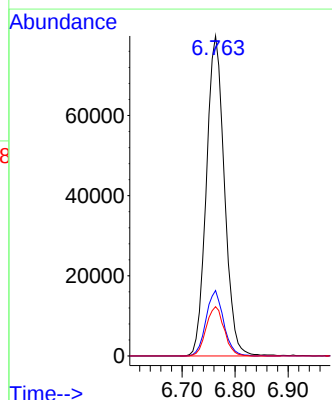
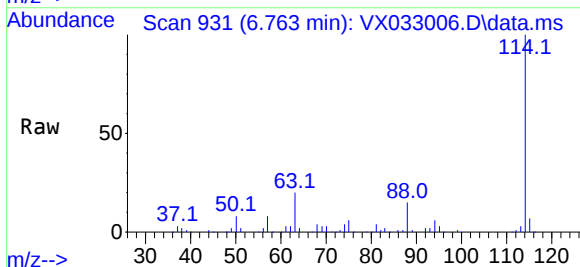
Tgt Ion: 114 Resp: 188578

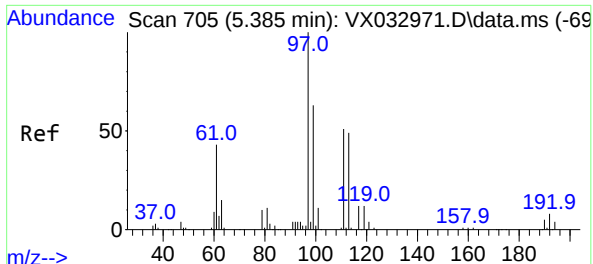
Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.6

88 15.4 0.0 33.4

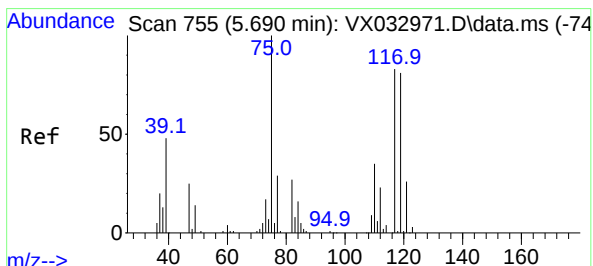
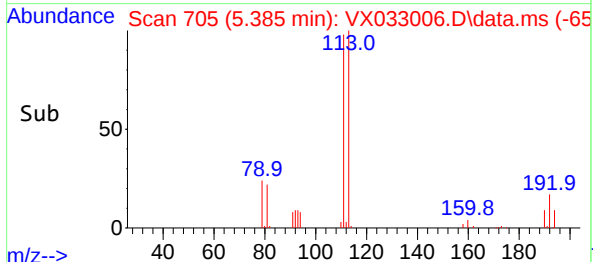
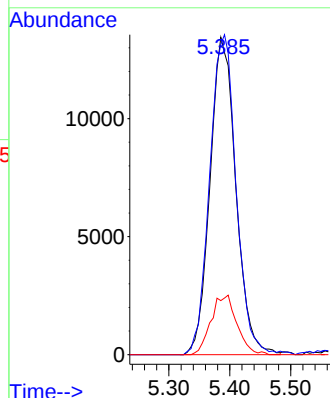
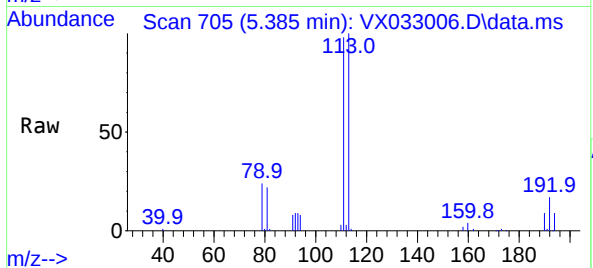




#35
Dibromofluoromethane
Concen: 37.295 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033006.D
Acq: 23 Nov 2022 02:03

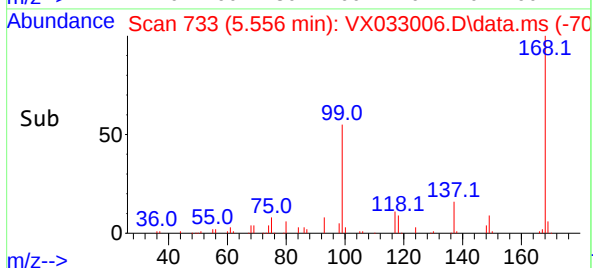
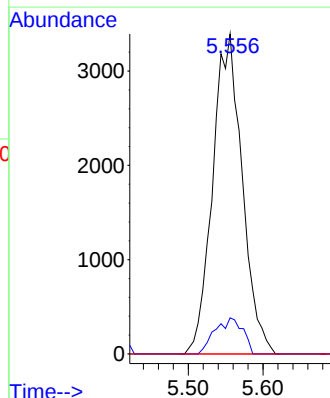
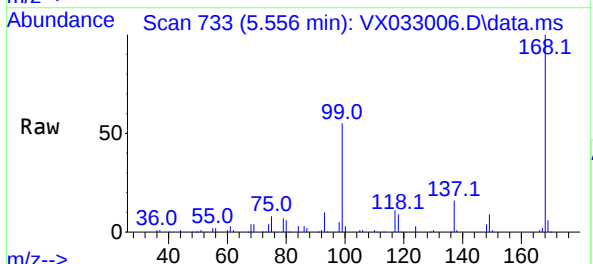
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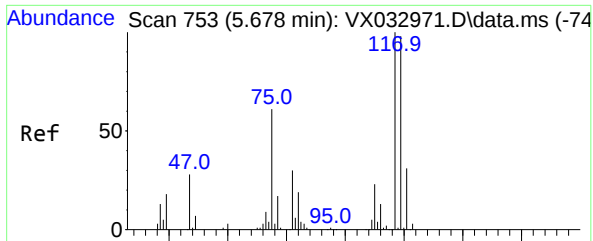
Tgt Ion:113 Resp: 39650
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 18.8 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.477 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX033006.D
Acq: 23 Nov 2022 02:03

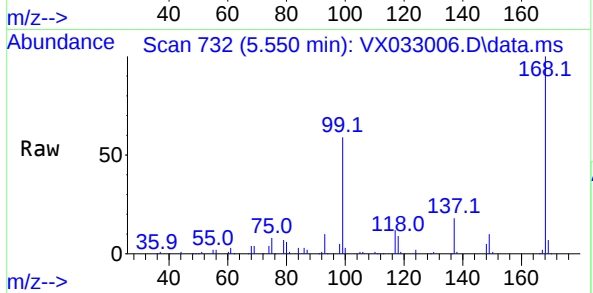
Tgt Ion: 75 Resp: 9310
Ion Ratio Lower Upper
75 100
110 10.6 18.4 55.2#
77 0.0 24.5 36.7#



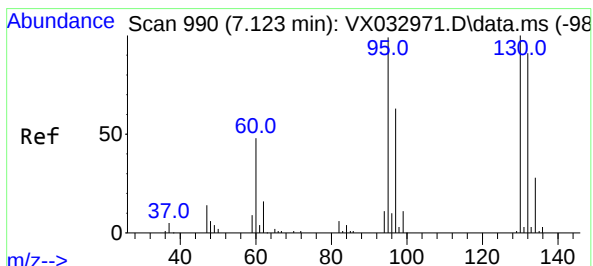
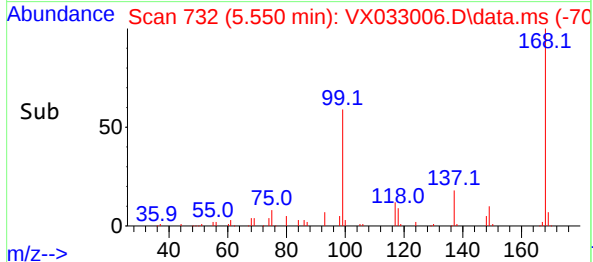
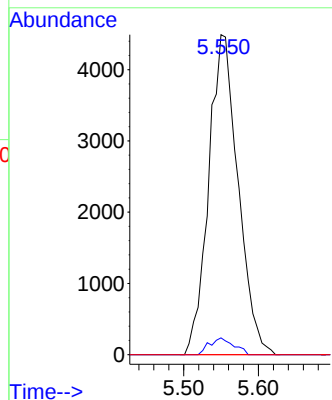


#38
Carbon Tetrachloride
Concen: 6.513 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX033006.D
Acq: 23 Nov 2022 02:03

Instrument :
MSVOA_X
ClientSampleId :
MW-24

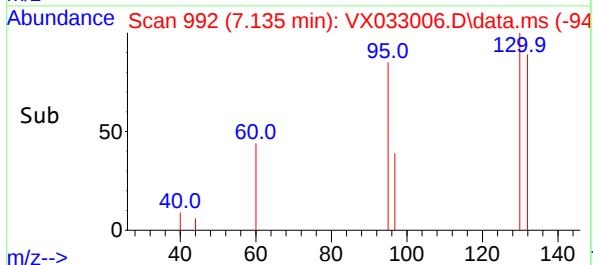
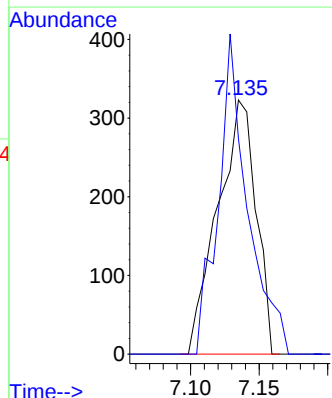
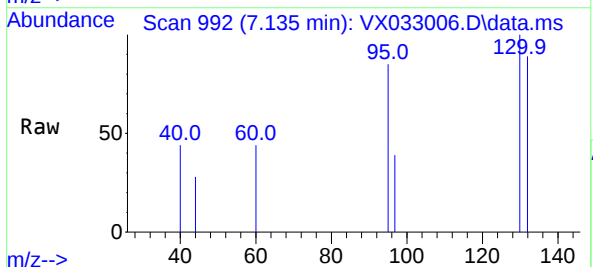


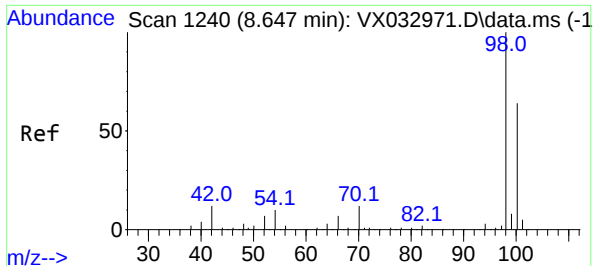
Tgt Ion:117 Resp: 12282
Ion Ratio Lower Upper
117 100
119 5.2 77.2 115.8#
121 0.0 25.8 38.6#



#44
Trichloroethene
Concen: 0.470 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX033006.D
Acq: 23 Nov 2022 02:03

Tgt Ion:130 Resp: 628
Ion Ratio Lower Upper
130 100
95 84.8 0.0 195.2

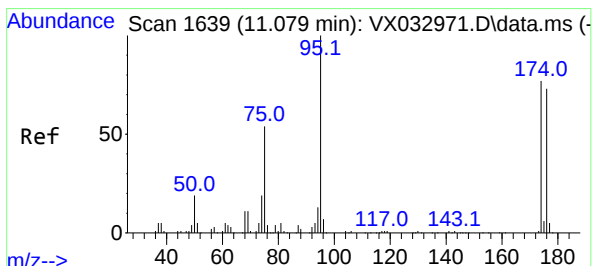
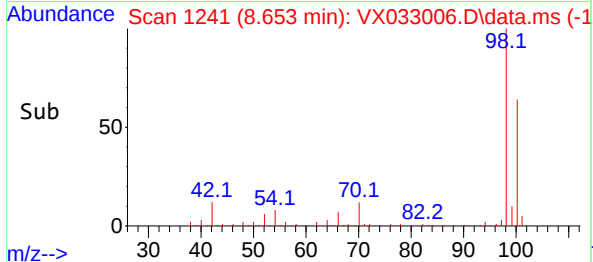
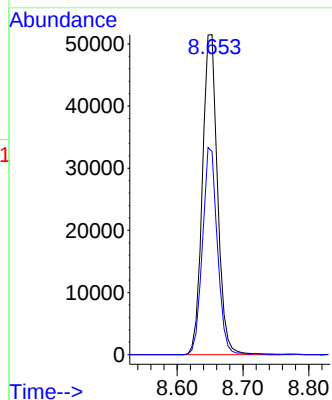
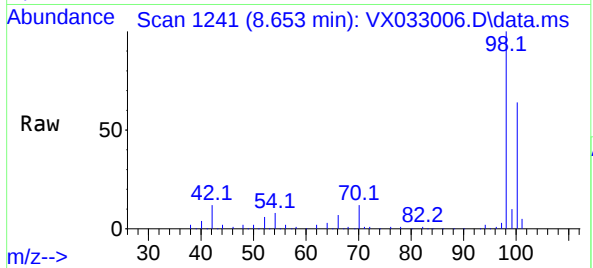




#50
Toluene-d8
Concen: 24.715 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033006.D
Acq: 23 Nov 2022 02:03

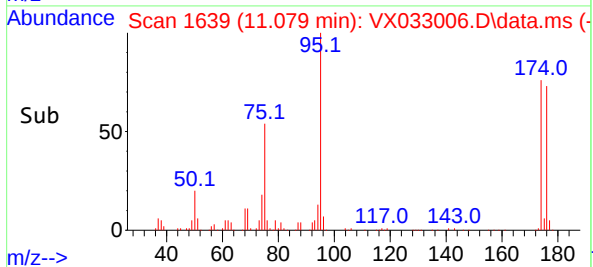
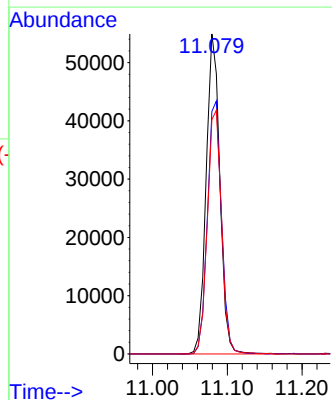
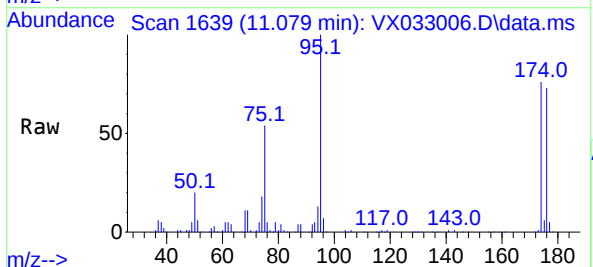
Instrument :
MSVOA_X
ClientSampleId :
MW-24

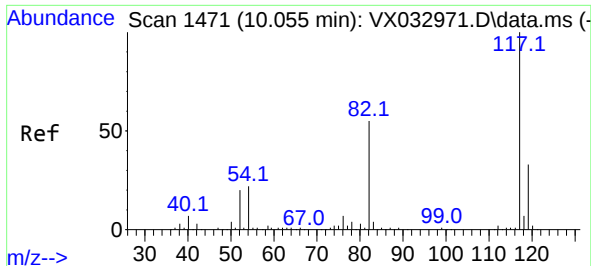
Tgt Ion: 98 Resp: 82548
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 50.009 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033006.D
Acq: 23 Nov 2022 02:03

Tgt Ion: 95 Resp: 69840
Ion Ratio Lower Upper
95 100
174 81.2 0.0 164.0
176 78.8 0.0 154.4

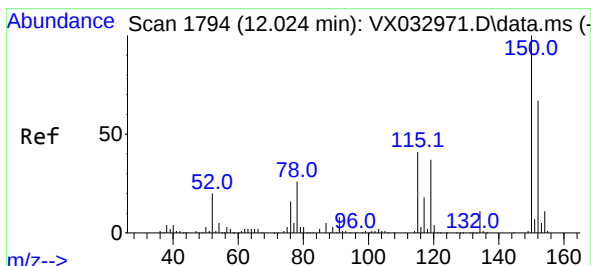
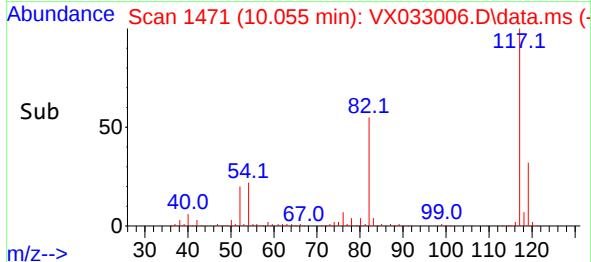
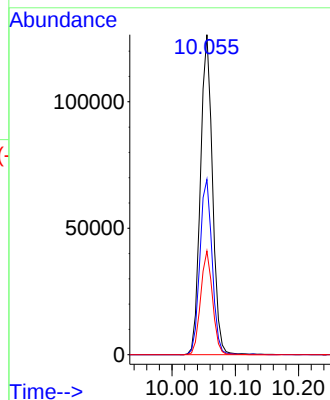
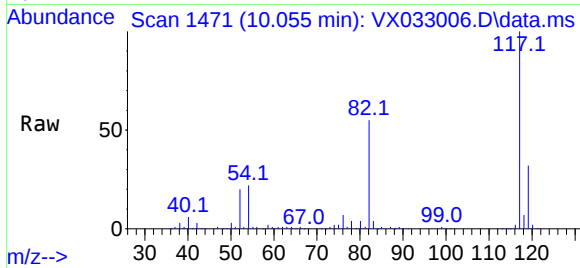




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033006.D
Acq: 23 Nov 2022 02:03

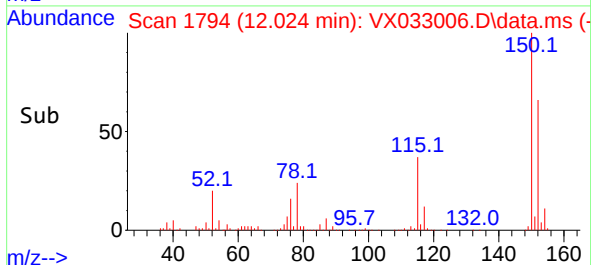
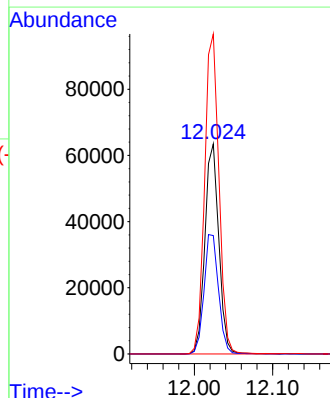
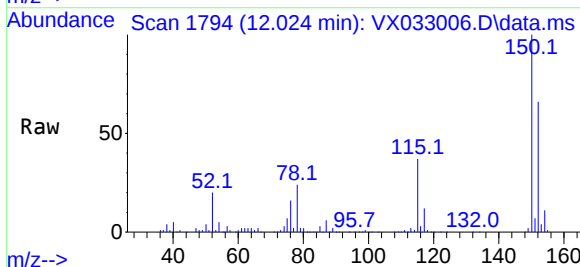
Instrument :
MSVOA_X
ClientSampleId :
MW-24

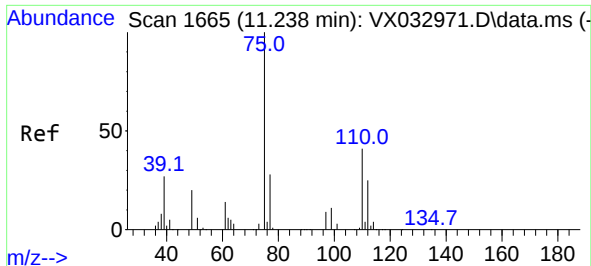
Tgt Ion:117 Resp: 168419
Ion Ratio Lower Upper
117 100
82 54.7 44.3 66.5
119 32.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033006.D
Acq: 23 Nov 2022 02:03

Tgt Ion:152 Resp: 78185
Ion Ratio Lower Upper
152 100
115 59.3 44.0 132.0
150 156.0 0.0 351.8

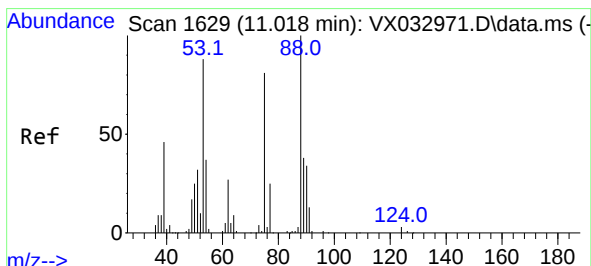
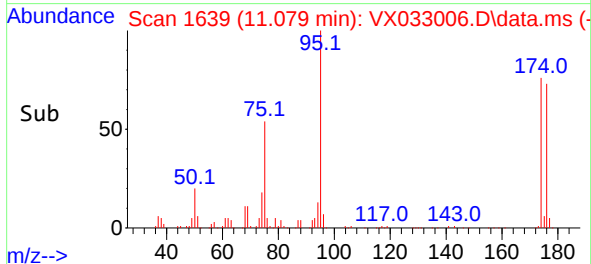
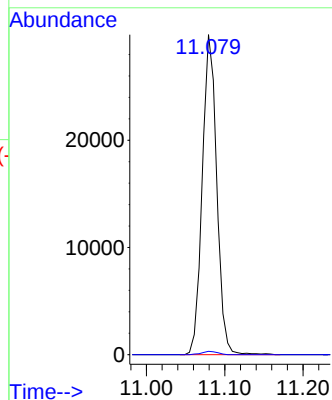
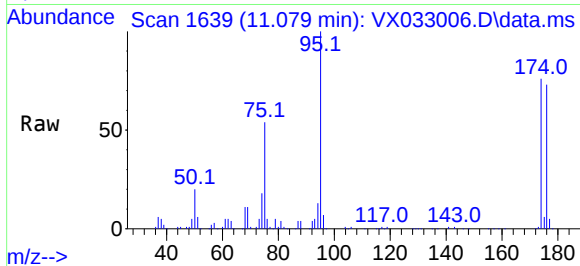




#76
1,2,3-Trichloropropane
Concen: 25.881 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033006.D
Acq: 23 Nov 2022 02:03

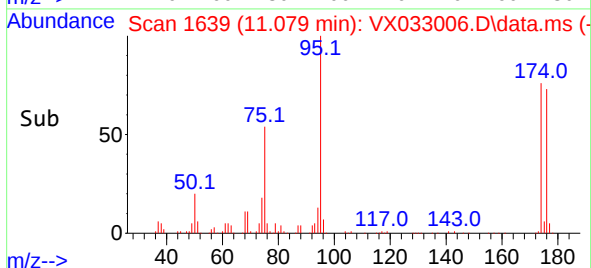
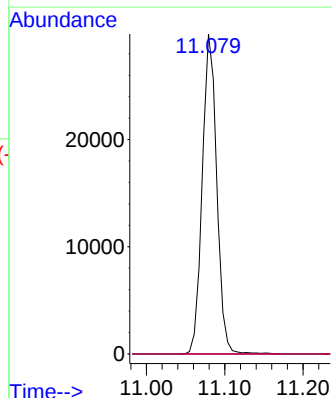
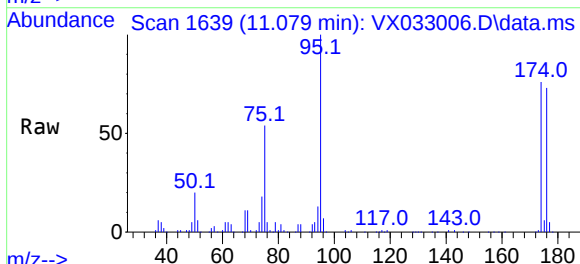
Instrument :
MSVOA_X
ClientSampleId :
MW-24

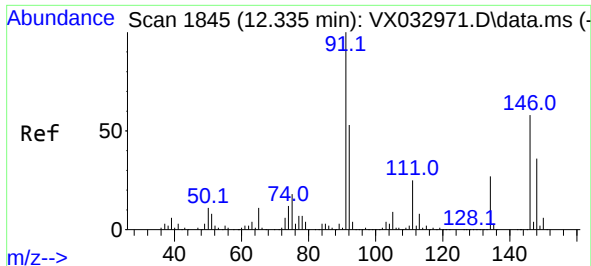
Tgt Ion: 75 Resp: 38322
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.125 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033006.D
Acq: 23 Nov 2022 02:03

Tgt Ion: 75 Resp: 38322
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#





#89

n-Butylbenzene

Concen: 0.250 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX033006.D

Acq: 23 Nov 2022 02:03

Instrument :

MSVOA_X

ClientSampleId :

MW-24

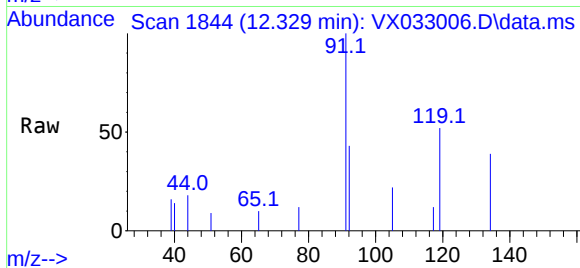
Tgt Ion: 91 Resp: 1021

Ion Ratio Lower Upper

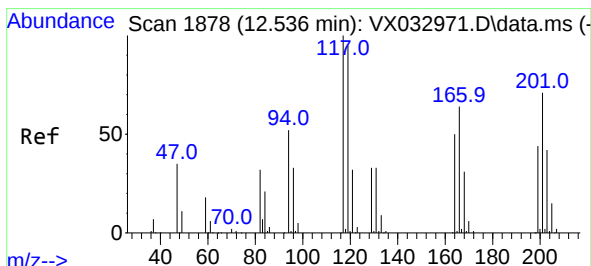
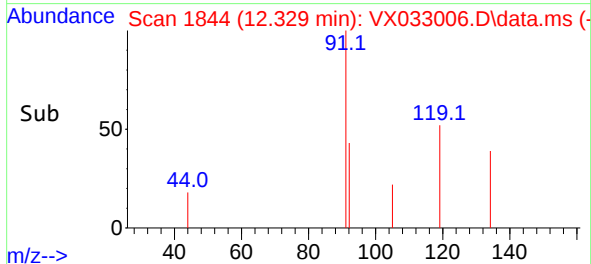
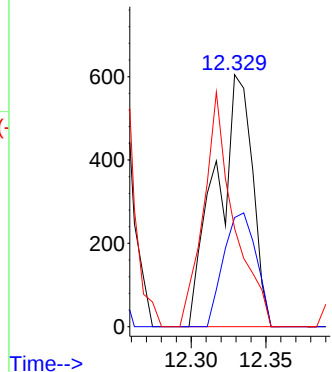
91 100

92 40.5 26.2 78.6

134 77.5 12.9 38.6#



Abundance



#90

Hexachloroethane

Concen: 2.022 ug/l

RT: 12.646 min Scan# 1896

Delta R.T. 0.104 min

Lab File: VX033006.D

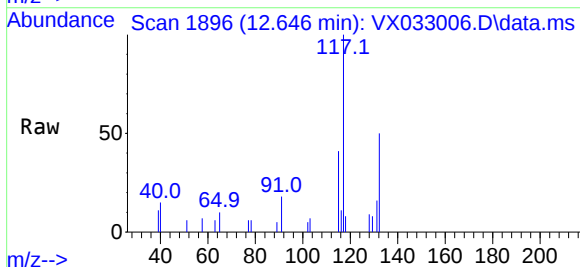
Acq: 23 Nov 2022 02:03

Tgt Ion: 117 Resp: 1573

Ion Ratio Lower Upper

117 100

201 0.0 37.6 112.9#



Abundance

