

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
 Data File : VX033005.D
 Acq On : 23 Nov 2022 01:40
 Operator : JC/MD
 Sample : N5741-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-18R

Quant Time: Nov 23 05:52:56 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)

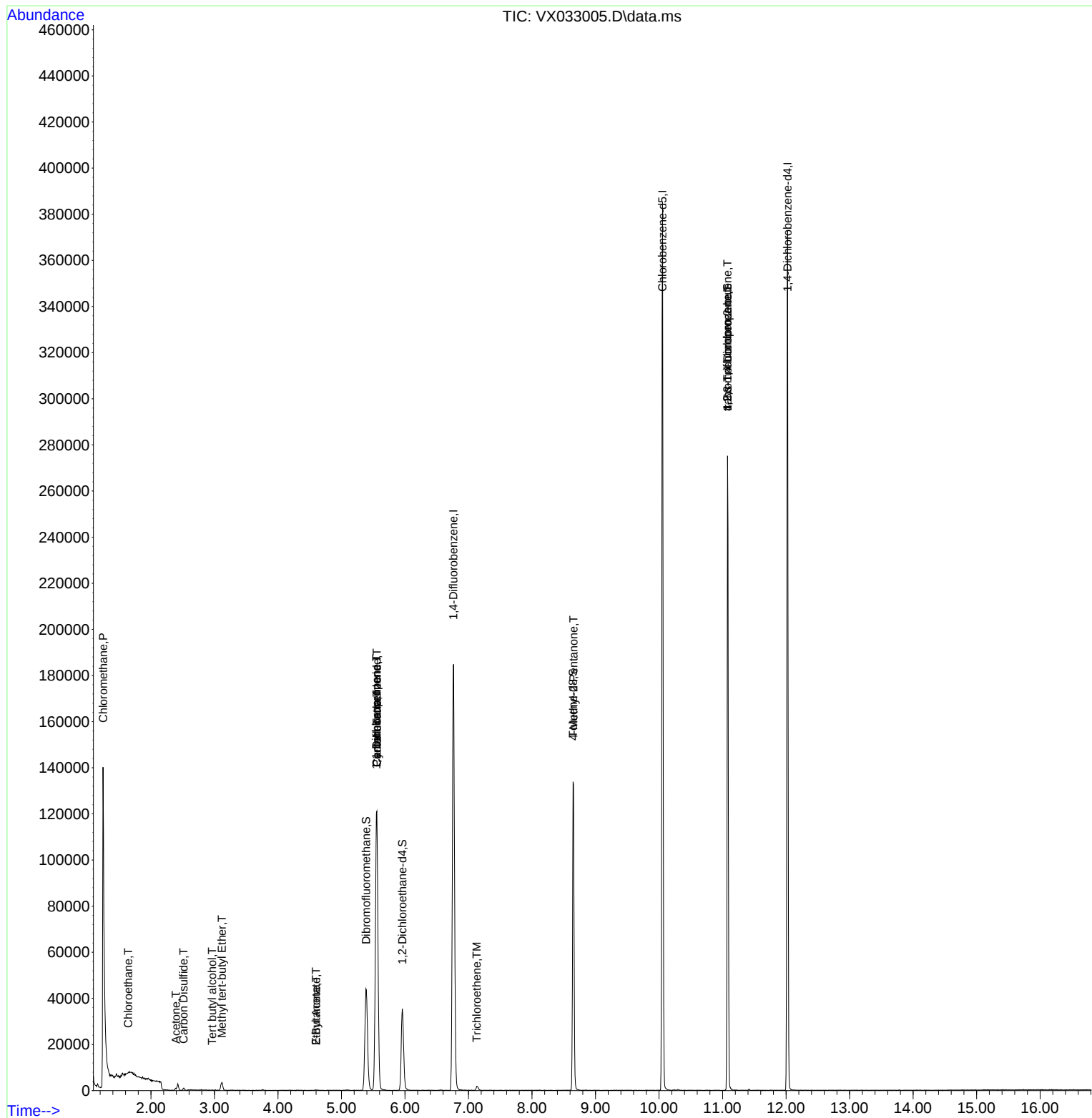
Internal Standards						
1) Pentafluorobenzene	5.556	168	113875	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	186829	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	168698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	35658	30.845	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	61.700%#
35) Dibromofluoromethane	5.385	113	38820	36.857	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	73.720%#
50) Toluene-d8	8.647	98	81941	24.767	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	49.540%#
62) 4-Bromofluorobenzene	11.079	95	68711	49.662	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.320%
Target Compounds						
					Qvalue	
3) Chloromethane	1.246	50	3971	4.228	ug/l #	43
6) Chloroethane	1.642	64	370	0.435	ug/l #	48
11) Tert butyl alcohol	2.965	59	46	0.262	ug/l #	72
16) Acetone	2.392	43	1408	2.719	ug/l #	85
17) Carbon Disulfide	2.514	76	1299	0.473	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	3795	1.101	ug/l	98
20) Methylene Chloride	2.788	84	103	Below Cal	#	28
25) 2-Butanone	4.599	43	390	0.546	ug/l #	47
31) Cyclohexane	5.556	56	2531	1.409	ug/l #	37
36) 1,1-Dichloropropene	5.550	75	8840	5.249	ug/l #	50
37) Ethyl Acetate	4.599	43	390	0.265	ug/l #	67
38) Carbon Tetrachloride	5.556	117	11898	6.368	ug/l #	16
44) Trichloroethene	7.129	130	695	0.525	ug/l	85
51) 4-Methyl-2-Pentanone	8.653	43	360	0.240	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	36483	24.979	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	36483	81.193	ug/l #	6

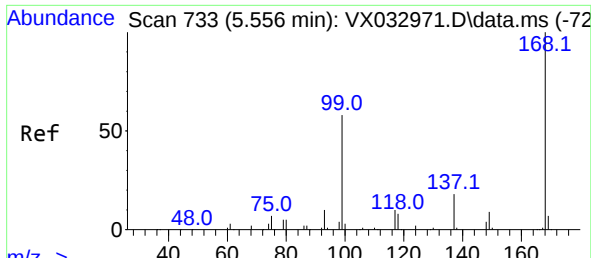
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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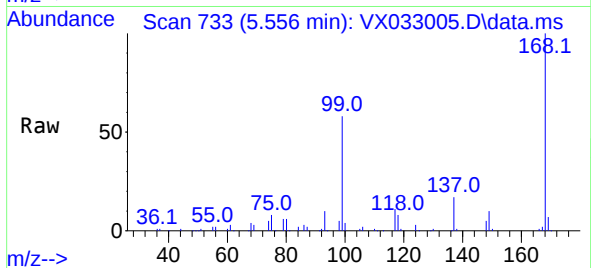
Quant Time: Nov 23 05:52:56 2022
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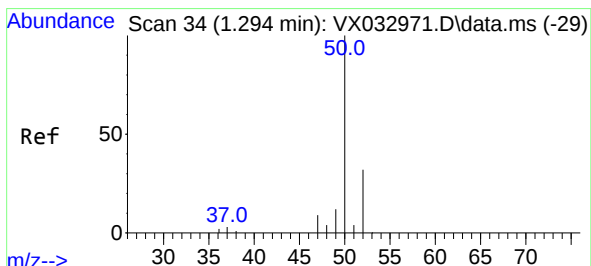
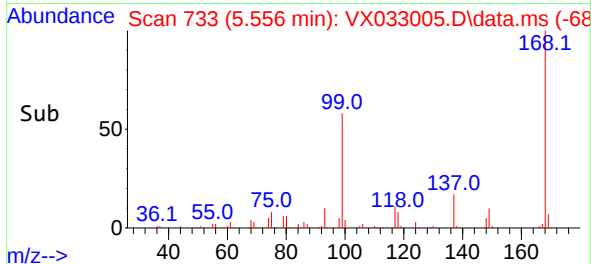
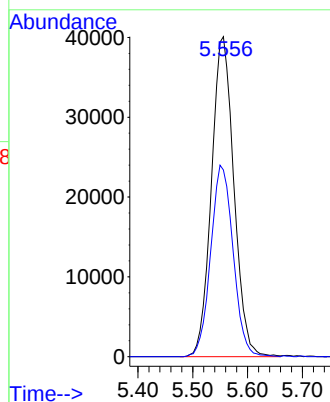


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033005.D
Acq: 23 Nov 2022 01:40

Instrument :
MSVOA_X
ClientSampleId :
MW-18R

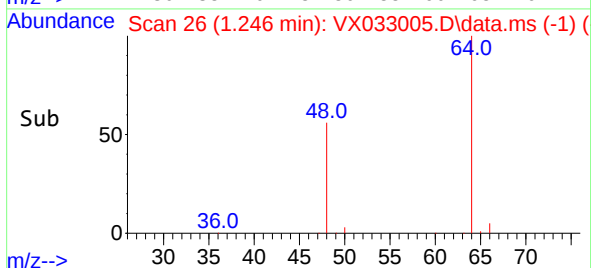
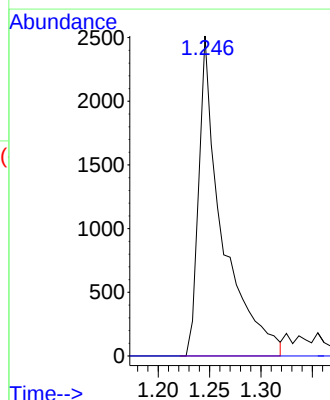
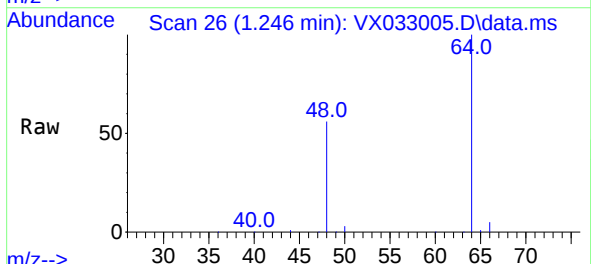


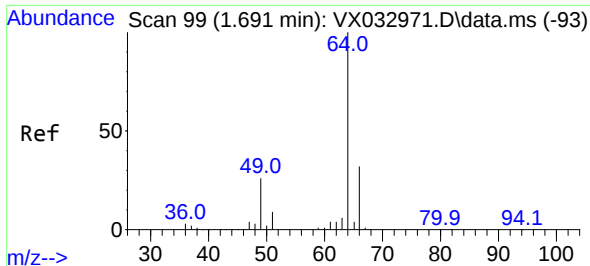
Tgt Ion:168 Resp: 113875
Ion Ratio Lower Upper
168 100
99 58.3 46.1 69.1



#3
Chloromethane
Concen: 4.228 ug/l
RT: 1.246 min Scan# 26
Delta R.T. -0.048 min
Lab File: VX033005.D
Acq: 23 Nov 2022 01:40

Tgt Ion: 50 Resp: 3971
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

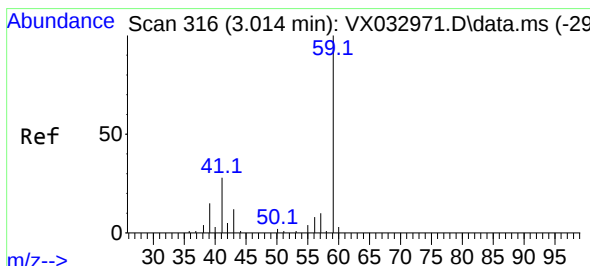
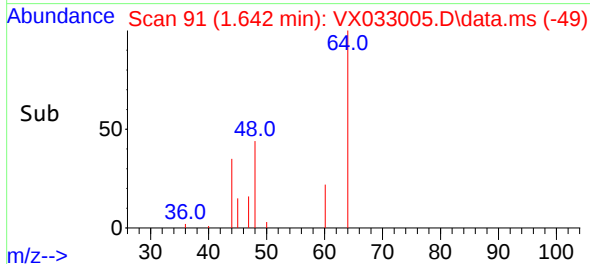
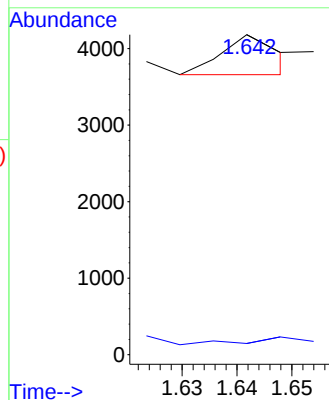
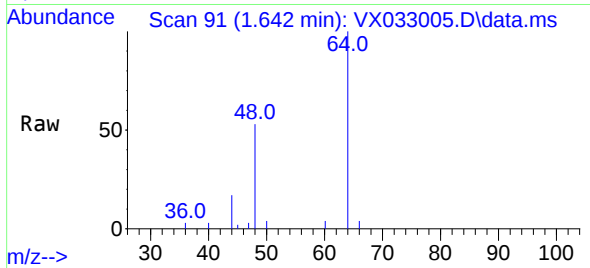




#6
Chloroethane
Concen: 0.435 ug/l
RT: 1.642 min Scan# 91
Delta R.T. -0.043 min
Lab File: VX033005.D
Acq: 23 Nov 2022 01:40

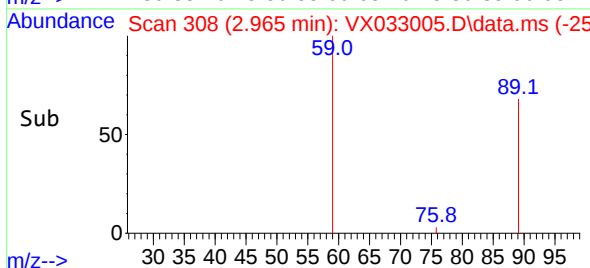
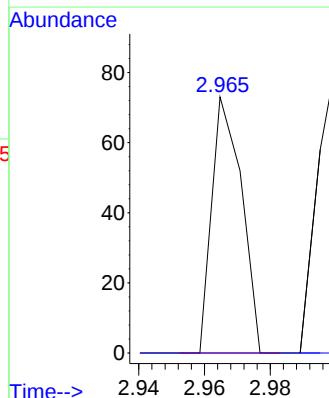
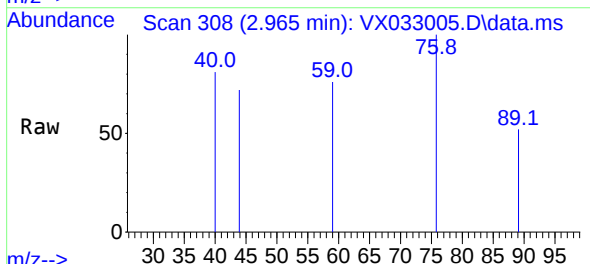
Instrument :
MSVOA_X
ClientSampleId :
MW-18R

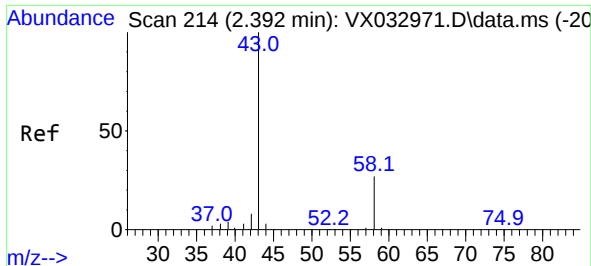
Tgt Ion: 64 Resp: 370
Ion Ratio Lower Upper
64 100
66 3.1 26.0 39.0#



#11
Tert butyl alcohol
Concen: 0.262 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.000 min
Lab File: VX033005.D
Acq: 23 Nov 2022 01:40

Tgt Ion: 59 Resp: 46
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

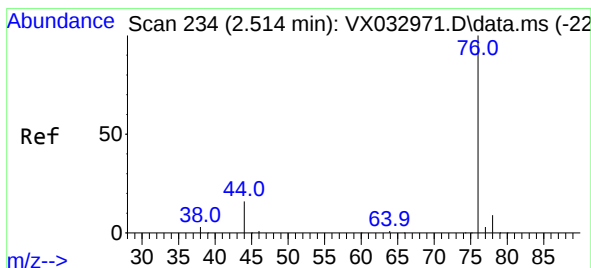
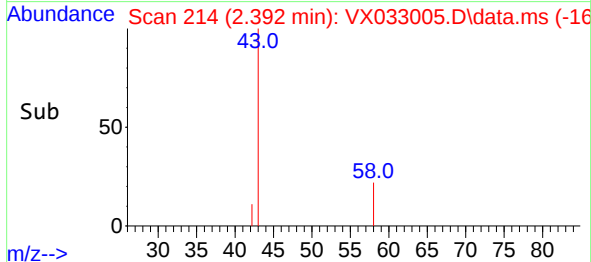
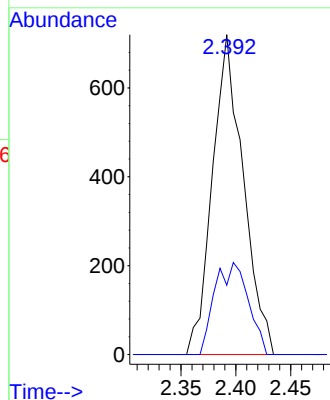
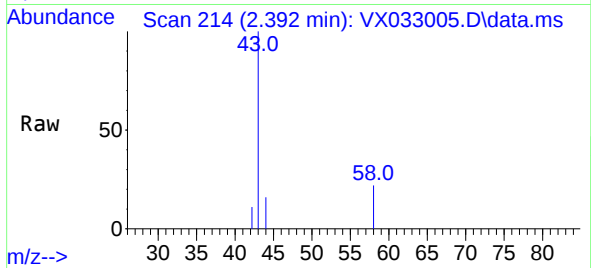




#16
Acetone
Concen: 2.719 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX033005.D
Acq: 23 Nov 2022 01:40

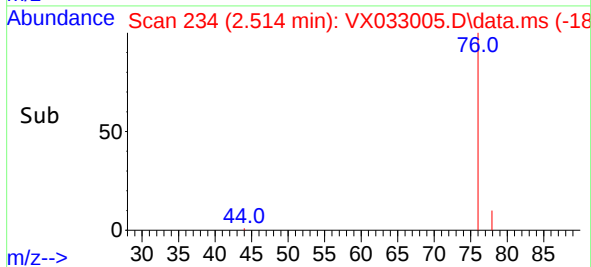
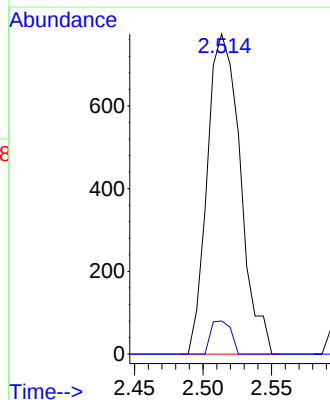
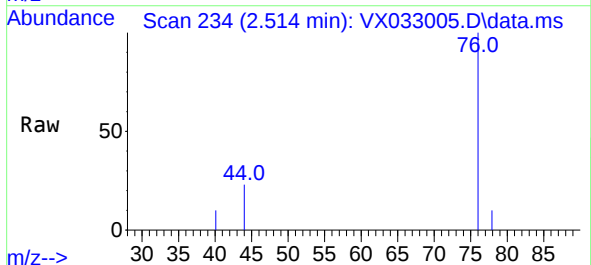
Instrument : MSVOA_X
ClientSampleId : MW-18R

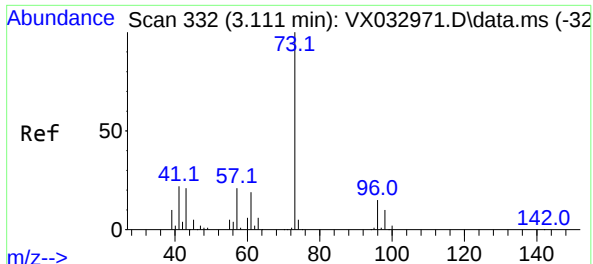
Tgt Ion: 43 Resp: 1408
Ion Ratio Lower Upper
43 100
58 21.7 23.8 35.8#



#17
Carbon Disulfide
Concen: 0.473 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033005.D
Acq: 23 Nov 2022 01:40

Tgt Ion: 76 Resp: 1299
Ion Ratio Lower Upper
76 100
78 10.3 7.5 11.3





#19

Methyl tert-butyl Ether

Concen: 1.101 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX033005.D

Acq: 23 Nov 2022 01:40

Instrument :

MSVOA_X

ClientSampleId :

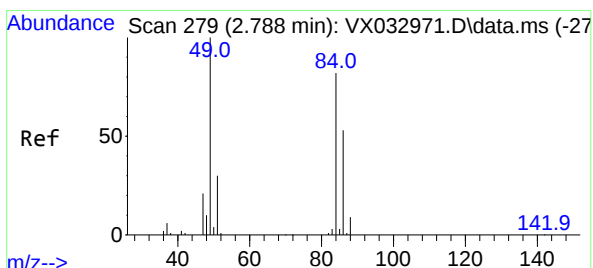
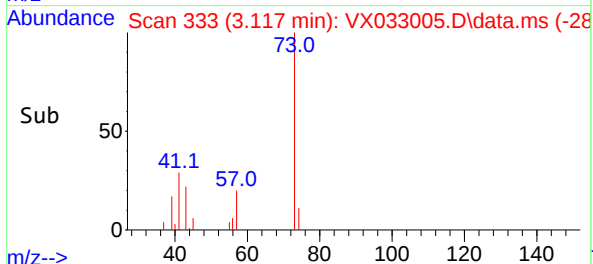
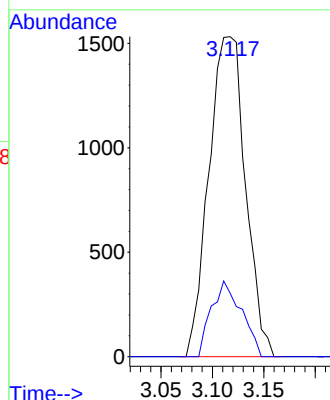
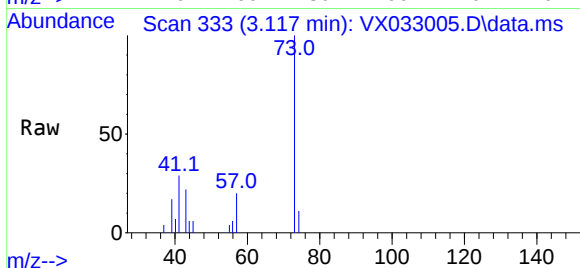
MW-18R

Tgt Ion: 73 Resp: 3795

Ion Ratio Lower Upper

73 100

57 19.8 16.6 25.0



#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX033005.D

Acq: 23 Nov 2022 01:40

Tgt Ion: 84 Resp: 103

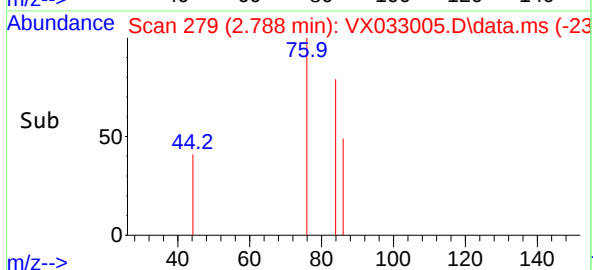
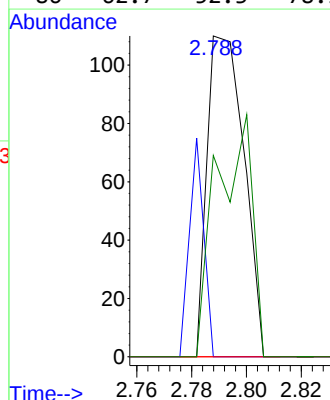
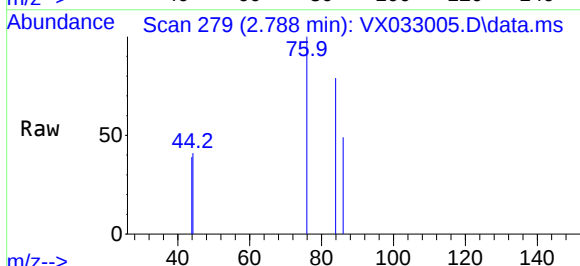
Ion Ratio Lower Upper

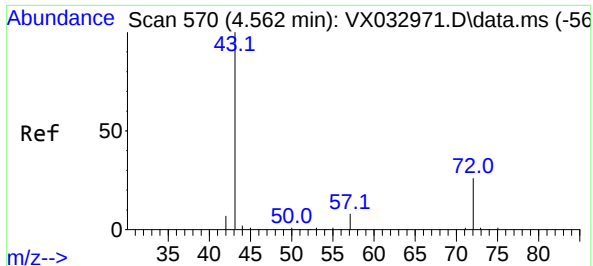
84 100

49 0.0 101.0 151.6#

51 0.0 31.1 46.7#

86 62.7 52.3 78.5

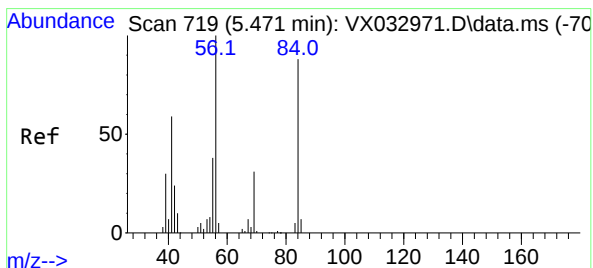
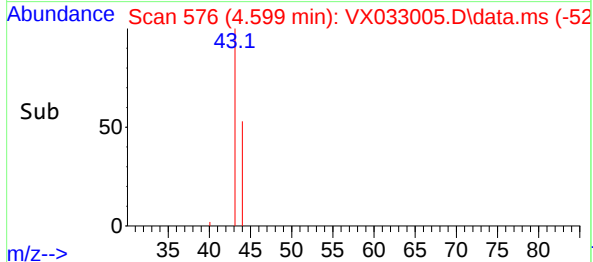
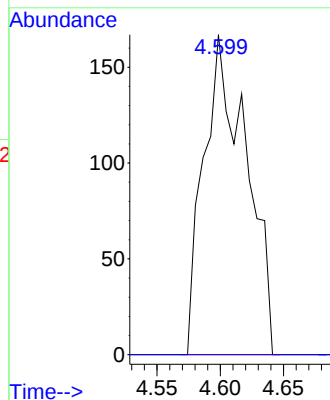
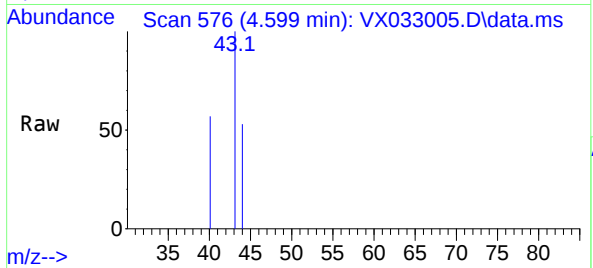




#25
2-Butanone
Concen: 0.546 ug/l
RT: 4.599 min Scan# 51
Delta R.T. 0.043 min
Lab File: VX033005.D
Acq: 23 Nov 2022 01:40

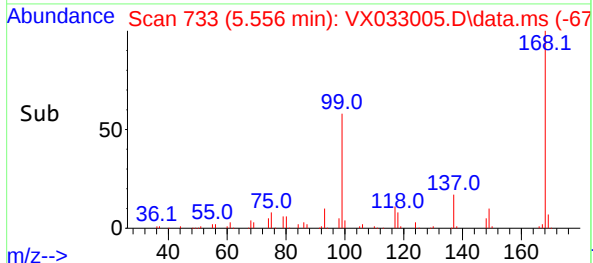
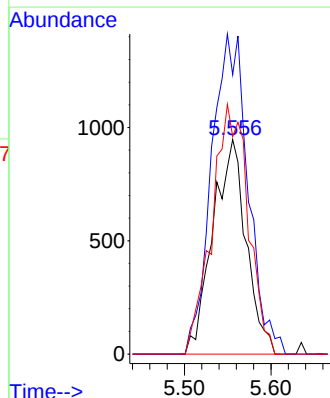
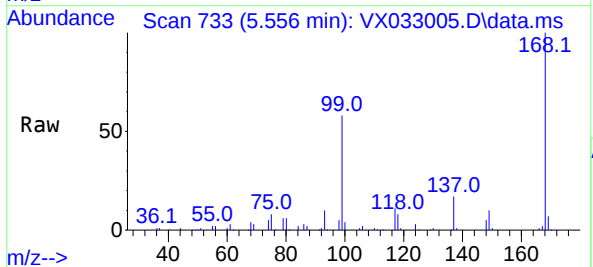
Instrument :
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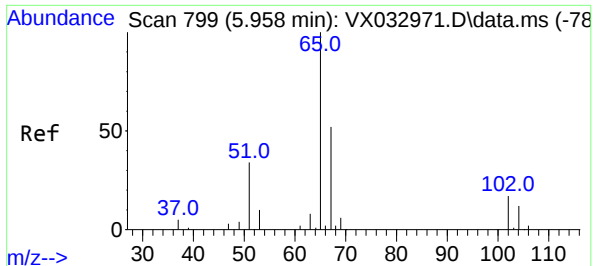
Tgt Ion: 43 Resp: 390
Ion Ratio Lower Upper
43 100
72 0.0 22.2 33.2#



#31
Cyclohexane
Concen: 1.409 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX033005.D
Acq: 23 Nov 2022 01:40

Tgt Ion: 56 Resp: 2531
Ion Ratio Lower Upper
56 100
69 130.2 24.1 36.1#
84 101.4 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 30.845 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033005.D

Acq: 23 Nov 2022 01:40

Instrument :

MSVOA_X

ClientSampleId :

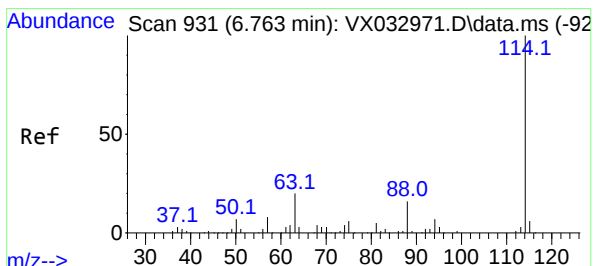
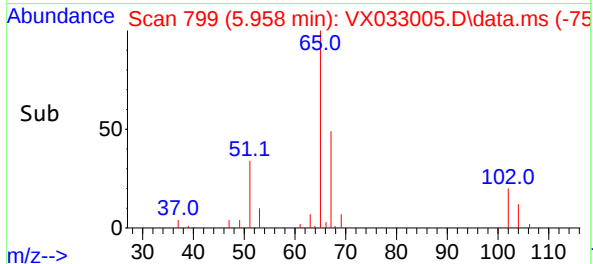
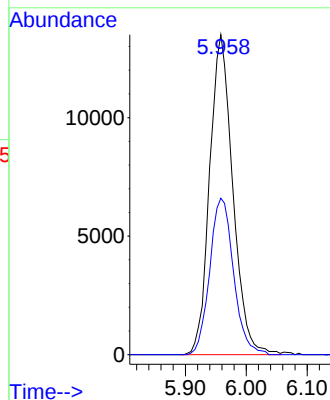
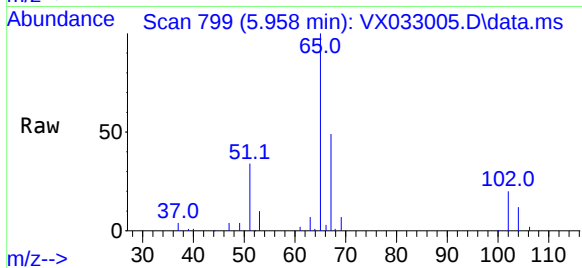
MW-18R

Tgt Ion: 65 Resp: 35658

Ion Ratio Lower Upper

65 100

67 50.4 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: VX033005.D

Acq: 23 Nov 2022 01:40

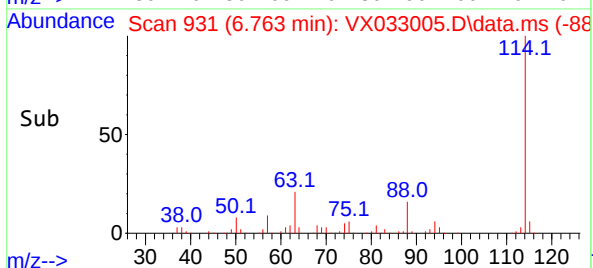
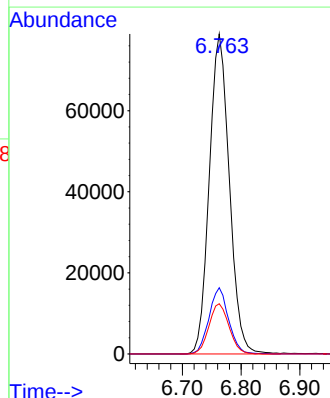
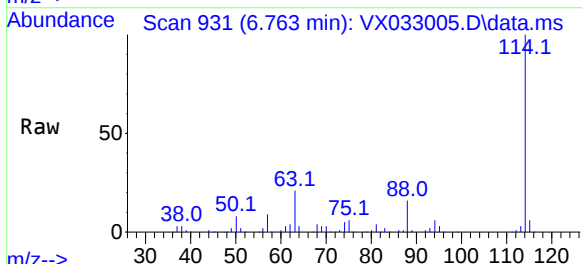
Tgt Ion: 114 Resp: 186829

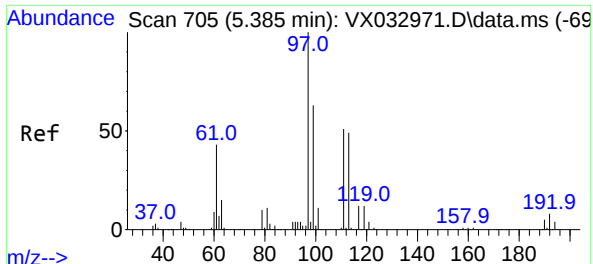
Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.6

88 15.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 36.857 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX033005.D

Acq: 23 Nov 2022 01:40

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MW-18R

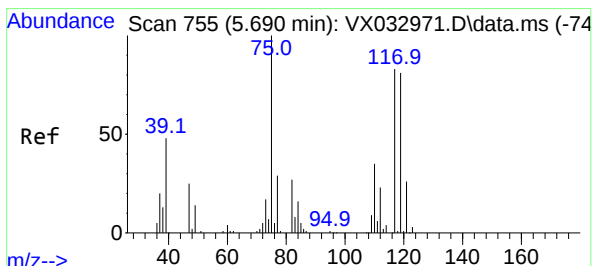
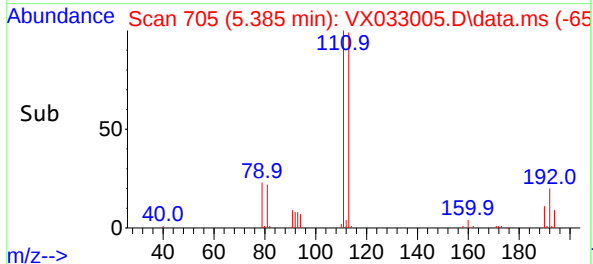
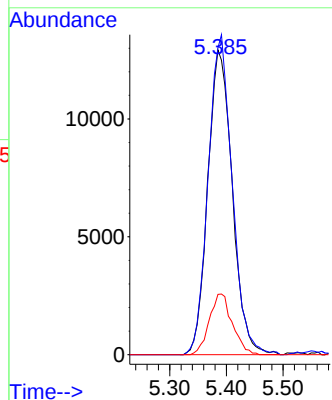
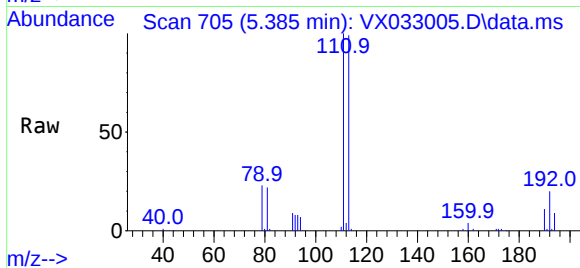
Tgt Ion:113 Resp: 38820

Ion Ratio Lower Upper

113 100

111 102.8 82.4 123.6

192 18.7 15.4 23.2



#36

1,1-Dichloropropene

Concen: 5.249 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX033005.D

Acq: 23 Nov 2022 01:40

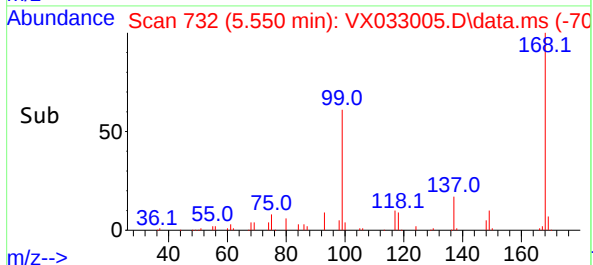
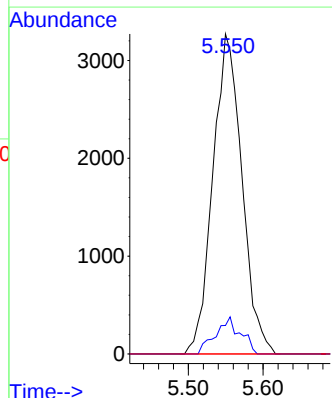
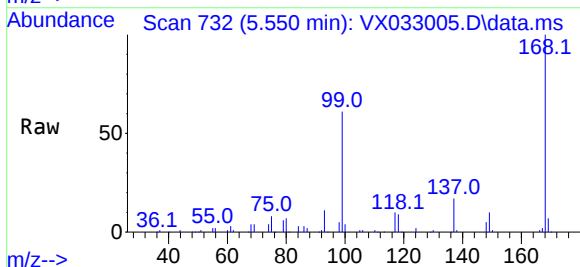
Tgt Ion: 75 Resp: 8840

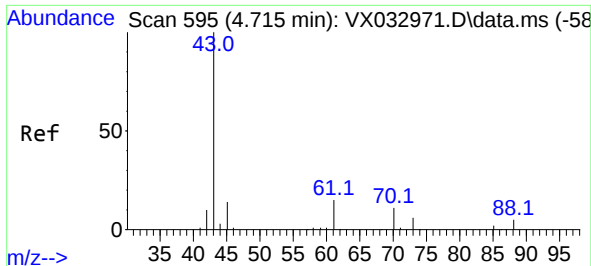
Ion Ratio Lower Upper

75 100

110 9.9 18.4 55.2#

77 0.0 24.5 36.7#





#37

Ethyl Acetate

Concen: 0.265 ug/l

RT: 4.599 min Scan# 51

Delta R.T. -0.116 min

Lab File: VX033005.D

Acq: 23 Nov 2022 01:40

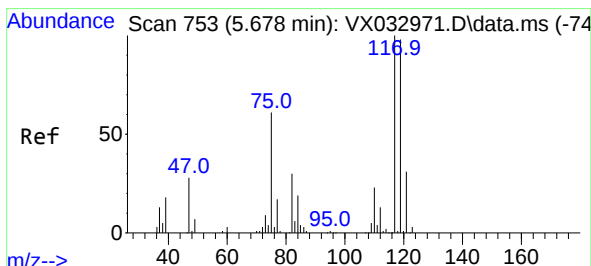
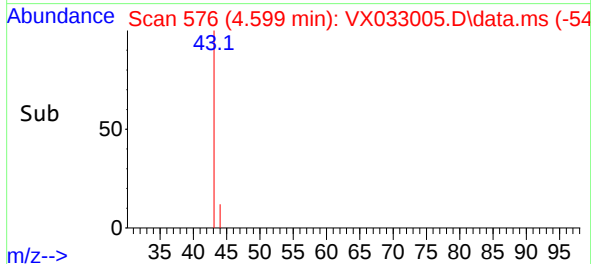
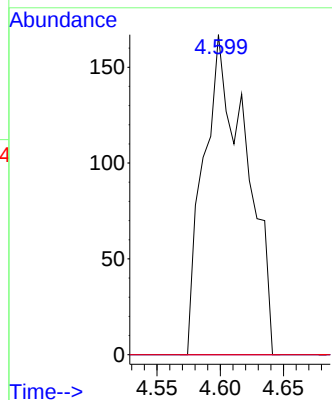
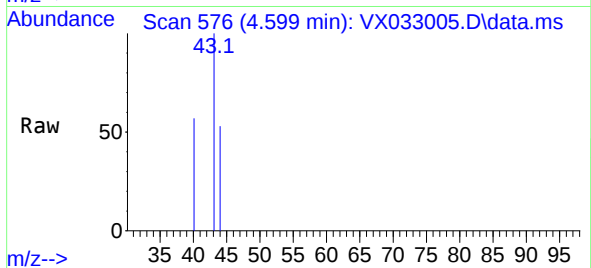
Instrument :

MSVOA_X

ClientSampleId :

MW-18R

Tgt Ion:	43	Resp:	390
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.5	17.3#
70	0.0	9.1	13.7#



#38

Carbon Tetrachloride

Concen: 6.368 ug/l

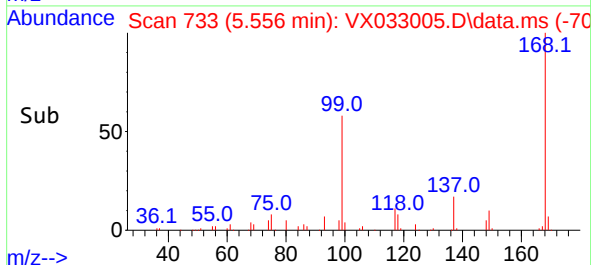
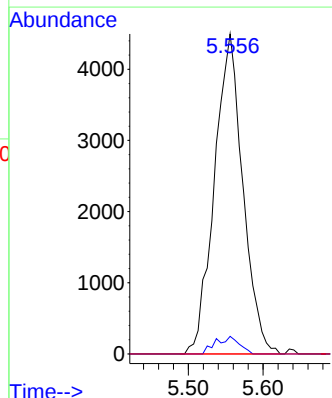
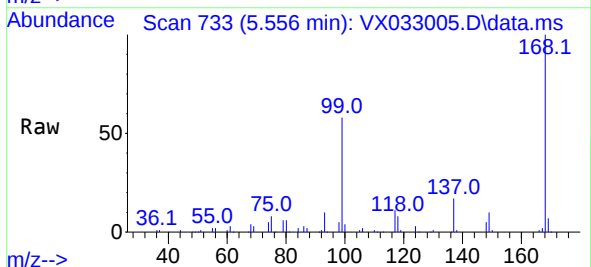
RT: 5.556 min Scan# 733

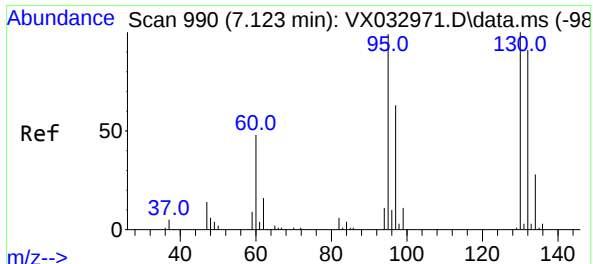
Delta R.T. -0.128 min

Lab File: VX033005.D

Acq: 23 Nov 2022 01:40

Tgt Ion:	117	Resp:	11898
Ion	Ratio	Lower	Upper
117	100		
119	5.5	77.2	115.8#
121	0.0	25.8	38.6#

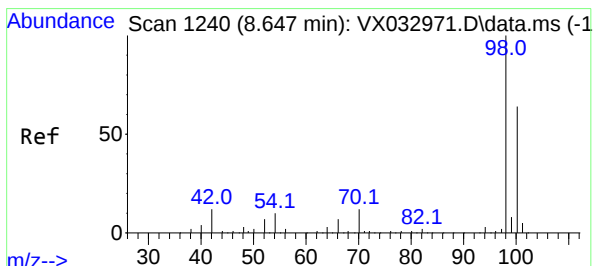
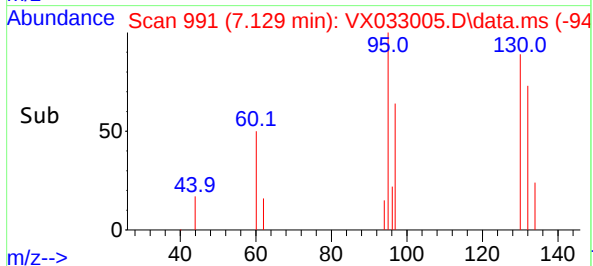
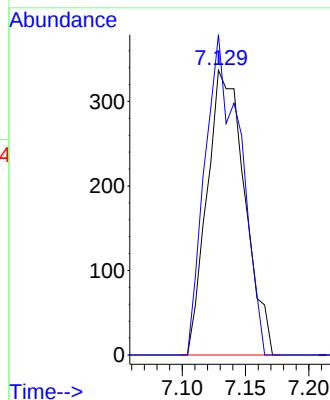
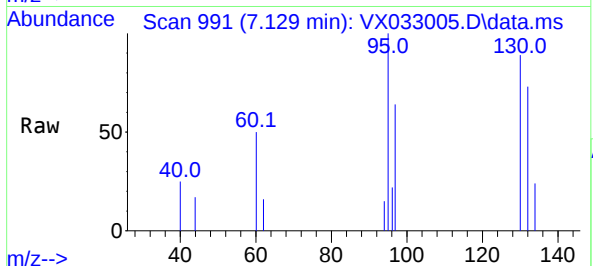




#44
Trichloroethene
Concen: 0.525 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX033005.D
Acq: 23 Nov 2022 01:40

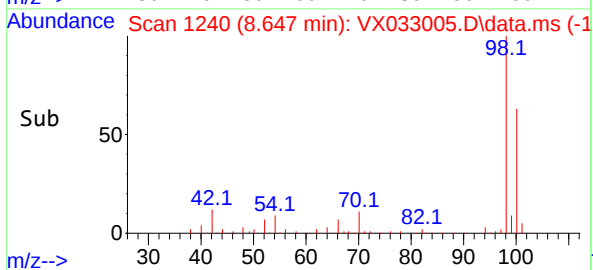
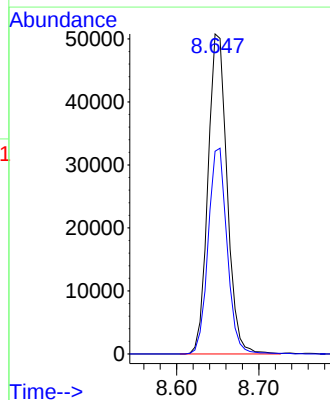
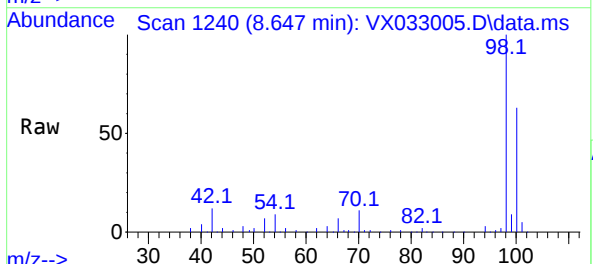
Instrument :
MSVOA_X
ClientSampleId :
MW-18R

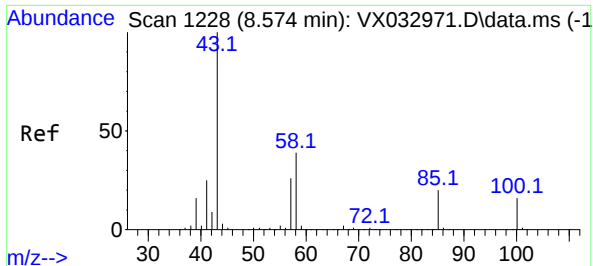
Tgt Ion:130 Resp: 695
Ion Ratio Lower Upper
130 100
95 112.5 0.0 195.2



#50
Toluene-d8
Concen: 24.767 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033005.D
Acq: 23 Nov 2022 01:40

Tgt Ion: 98 Resp: 81941
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.240 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX033005.D

Acq: 23 Nov 2022 01:40

Instrument :

MSVOA_X

ClientSampleId :

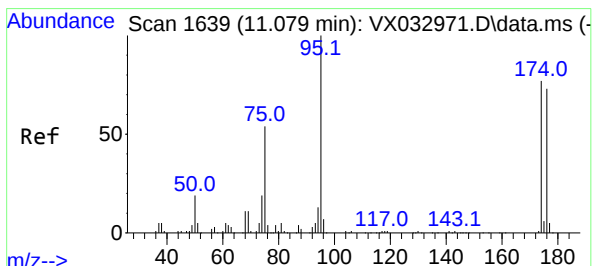
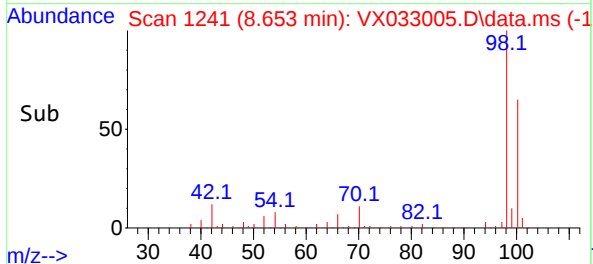
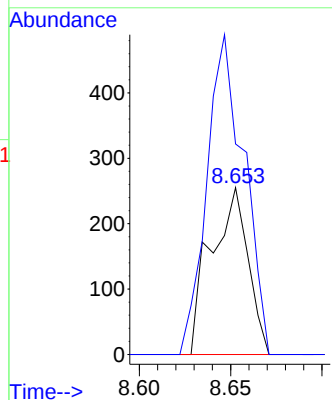
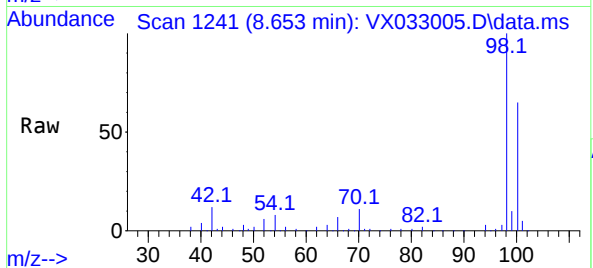
MW-18R

Tgt Ion: 43 Resp: 360

Ion Ratio Lower Upper

43 100

58 192.2 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 49.662 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX033005.D

Acq: 23 Nov 2022 01:40

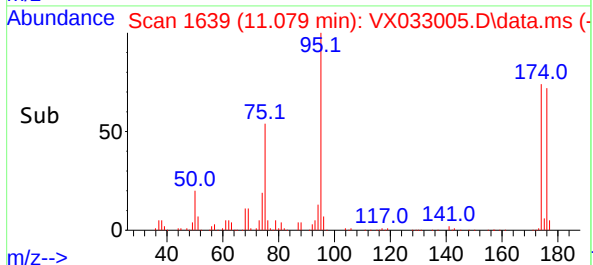
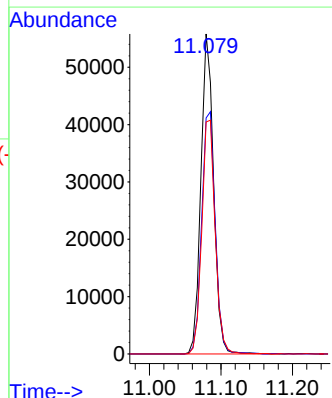
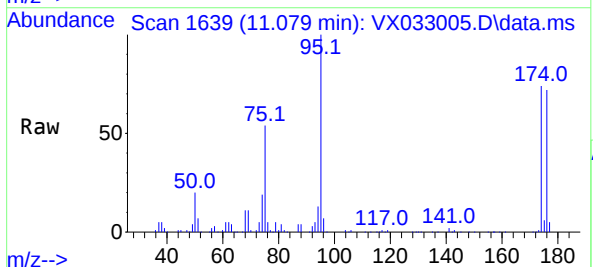
Tgt Ion: 95 Resp: 68711

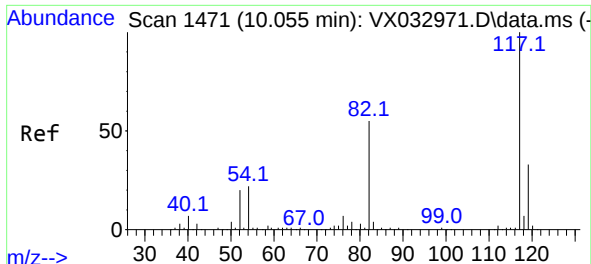
Ion Ratio Lower Upper

95 100

174 81.0 0.0 164.0

176 77.2 0.0 154.4

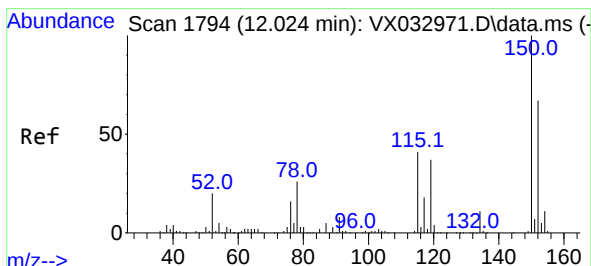
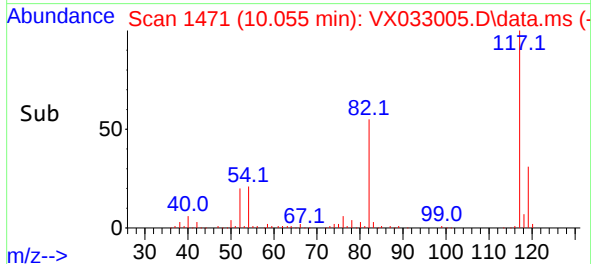
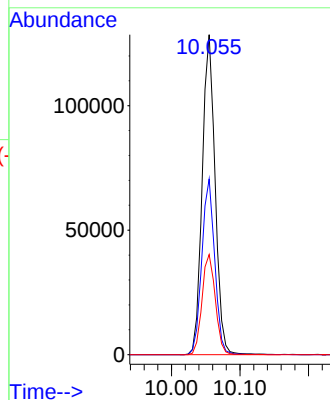
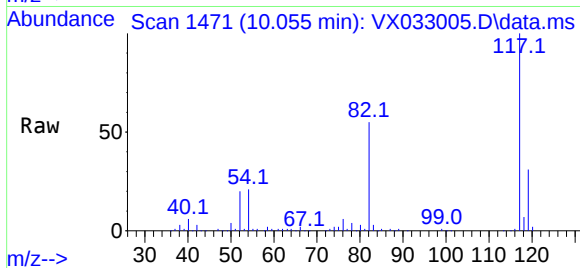




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033005.D
Acq: 23 Nov 2022 01:40

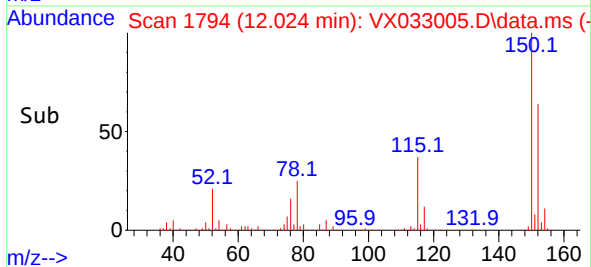
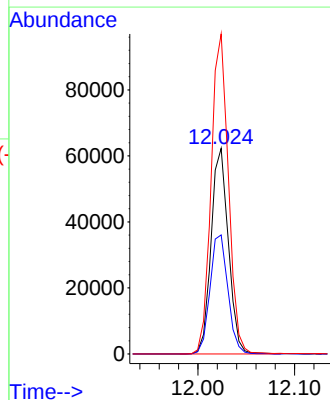
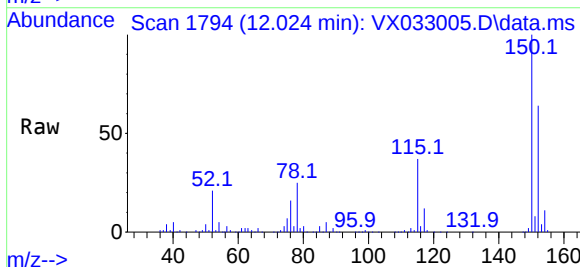
Instrument :
MSVOA_X
ClientSampleId :
MW-18R

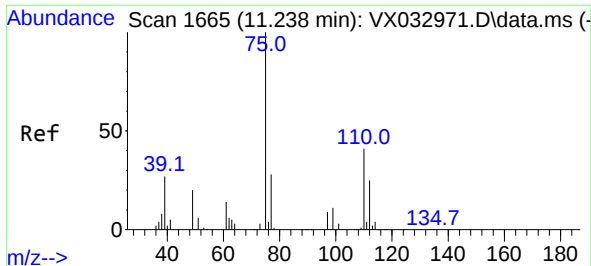
Tgt Ion:117 Resp: 168698
Ion Ratio Lower Upper
117 100
82 54.9 44.3 66.5
119 31.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033005.D
Acq: 23 Nov 2022 01:40

Tgt Ion:152 Resp: 77121
Ion Ratio Lower Upper
152 100
115 60.0 44.0 132.0
150 155.8 0.0 351.8

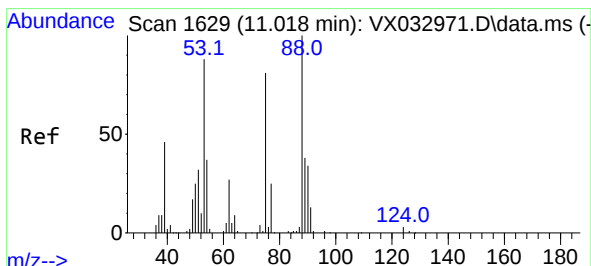
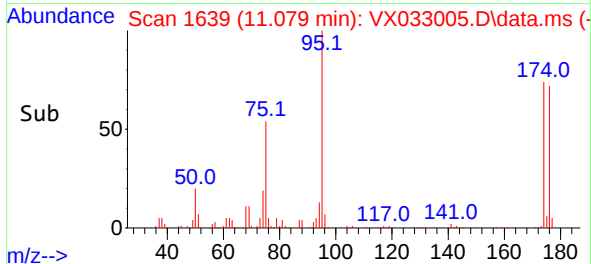
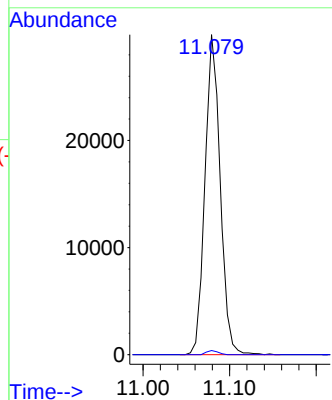
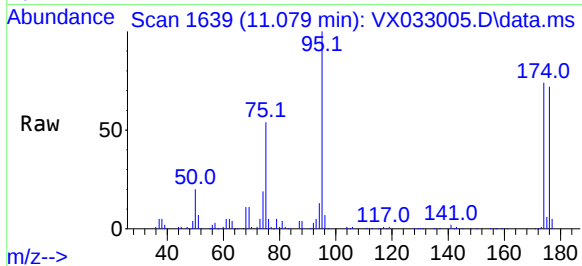




#76
1,2,3-Trichloropropane
Concen: 24.979 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033005.D
Acq: 23 Nov 2022 01:40

Instrument :
MSVOA_X
ClientSampleId :
MW-18R

Tgt Ion: 75 Resp: 36483
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.193 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033005.D
Acq: 23 Nov 2022 01:40

Tgt Ion: 75 Resp: 36483
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

