

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
 Data File : VX033004.D
 Acq On : 23 Nov 2022 01:17
 Operator : JC/MD
 Sample : N5741-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-16R

Quant Time: Nov 23 05:52:48 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)

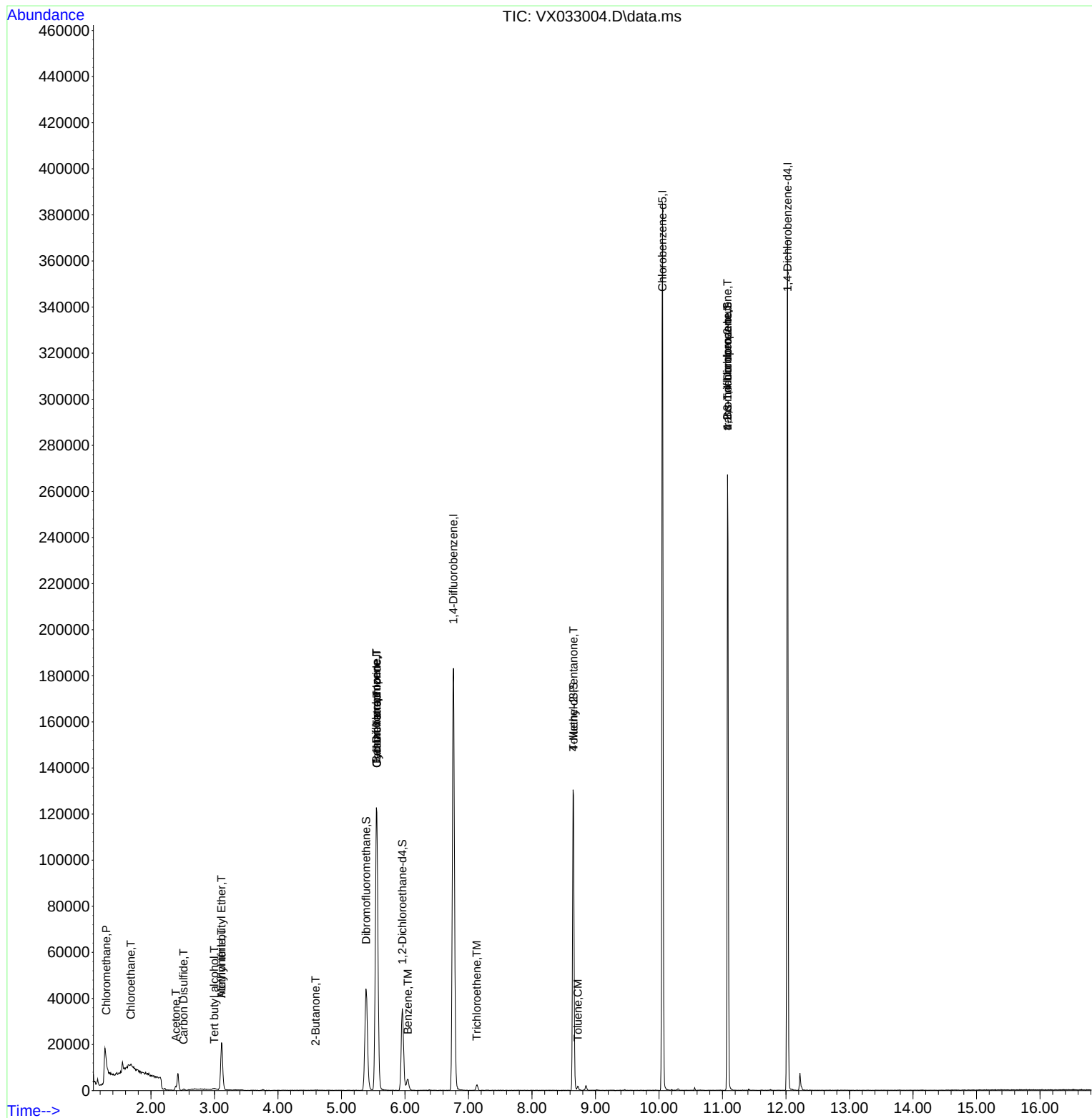
Internal Standards						
1) Pentafluorobenzene	5.550	168	116353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	187305	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	167955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	35456	29.928	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	59.860%#
35) Dibromofluoromethane	5.385	113	38370	36.337	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	72.680%#
50) Toluene-d8	8.653	98	79965	24.049	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	48.100%#
62) 4-Bromofluorobenzene	11.079	95	67983	49.011	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.020%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	729	0.760	ug/l #	43
6) Chloroethane	1.685	64	1171	1.346	ug/l #	47
11) Tert butyl alcohol	2.995	59	630	3.507	ug/l #	72
15) Acrylonitrile	3.111	53	257	0.506	ug/l #	17
16) Acetone	2.392	43	2354	4.448	ug/l	95
17) Carbon Disulfide	2.514	76	913	0.325	ug/l #	74
19) Methyl tert-butyl Ether	3.111	73	21801	6.191	ug/l	97
20) Methylene Chloride	2.800	84	19	Below Cal	#	56
25) 2-Butanone	4.593	43	150	0.206	ug/l #	47
31) Cyclohexane	5.556	56	2615	1.424	ug/l #	35
36) 1,1-Dichloropropene	5.550	75	9090	5.384	ug/l #	51
38) Carbon Tetrachloride	5.556	117	12094	6.457	ug/l #	15
40) Benzene	6.044	78	5849	1.236	ug/l	96
44) Trichloroethene	7.129	130	1014	0.763	ug/l	91
51) 4-Methyl-2-Pentanone	8.653	43	387	0.257	ug/l #	1
52) Toluene	8.720	92	740	0.238	ug/l	90
76) 1,2,3-Trichloropropane	11.079	75	36541	25.232	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	36541	82.015	ug/l #	6

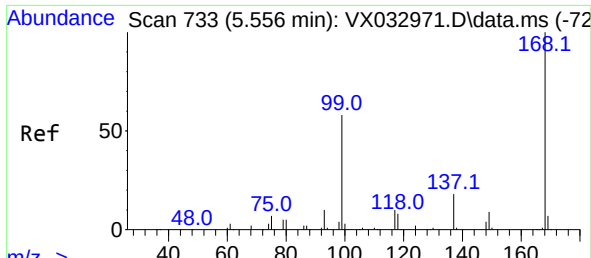
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
Data File : VX033004.D
Acq On : 23 Nov 2022 01:17
Operator : JC/MD
Sample : N5741-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-16R

Quant Time: Nov 23 05:52:48 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

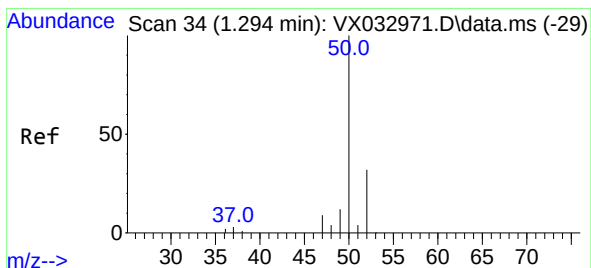
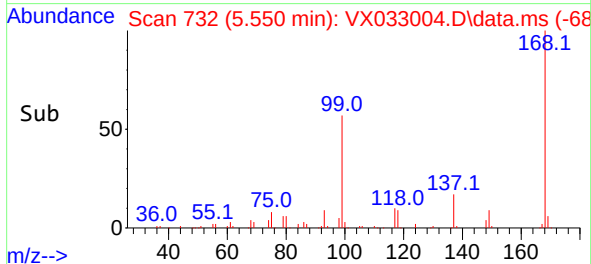
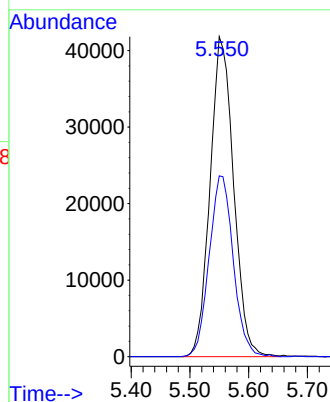
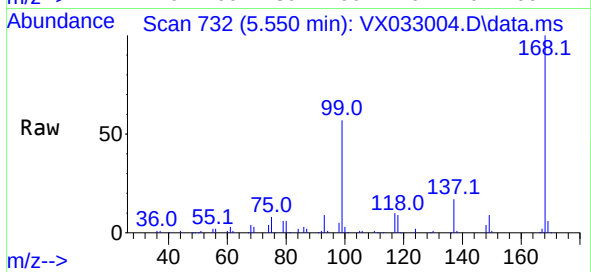




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033004.D
Acq: 23 Nov 2022 01:17

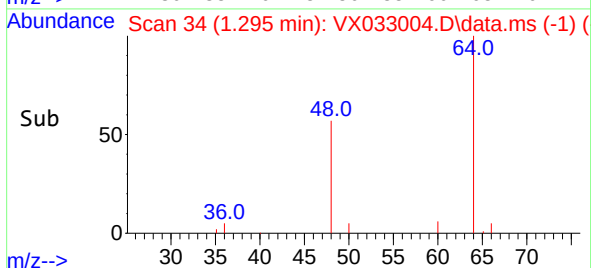
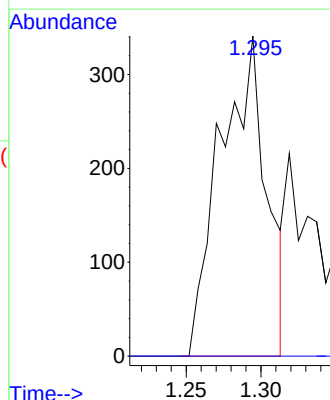
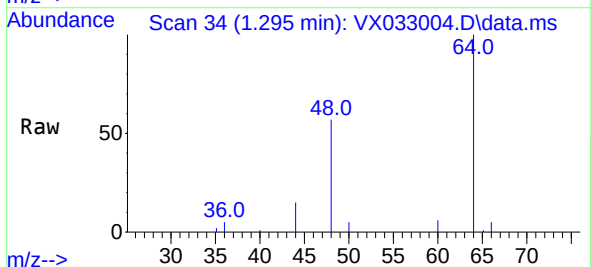
Instrument :
MSVOA_X
ClientSampleId :
MW-16R

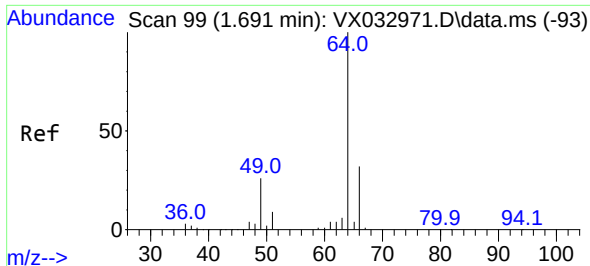
Tgt Ion:168 Resp: 116353
Ion Ratio Lower Upper
168 100
99 56.5 46.1 69.1



#3
Chloromethane
Concen: 0.760 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX033004.D
Acq: 23 Nov 2022 01:17

Tgt Ion: 50 Resp: 729
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

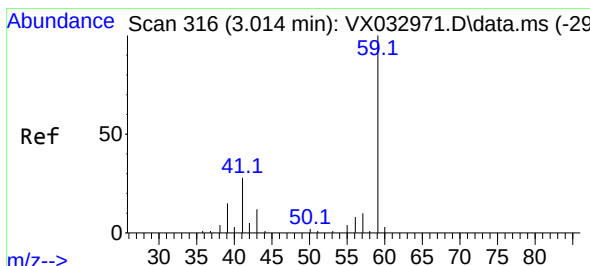
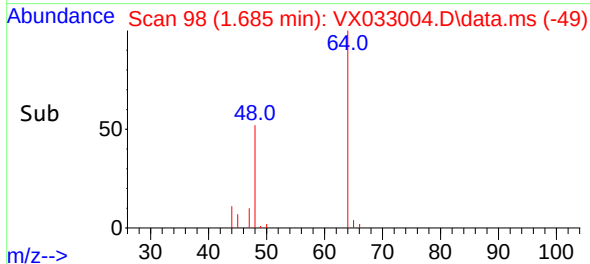
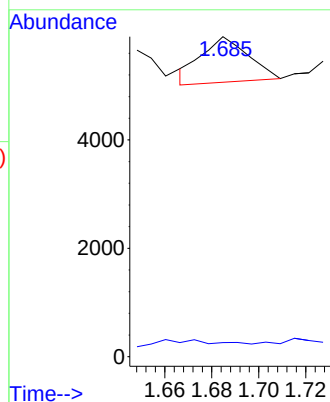
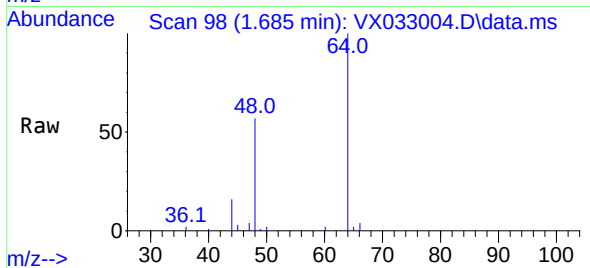




#6
Chloroethane
Concen: 1.346 ug/l
RT: 1.685 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033004.D
Acq: 23 Nov 2022 01:17

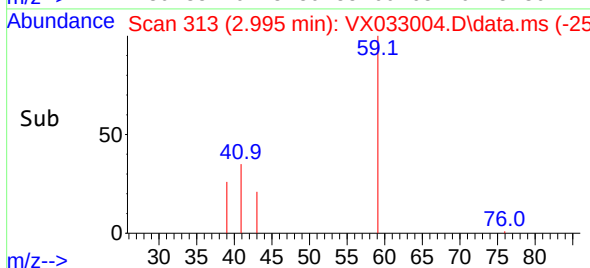
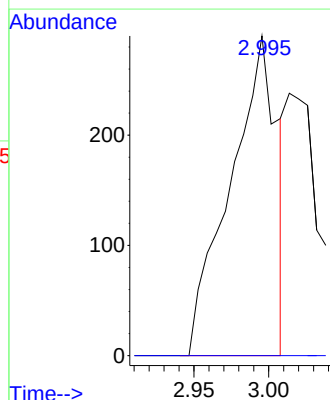
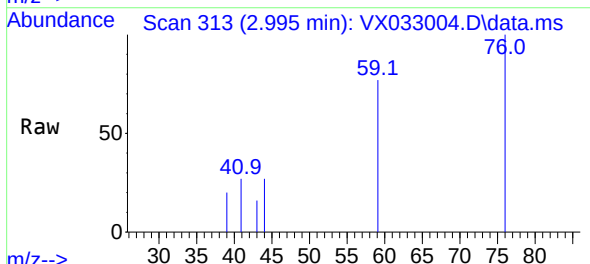
Instrument :
MSVOA_X
ClientSampleId :
MW-16R

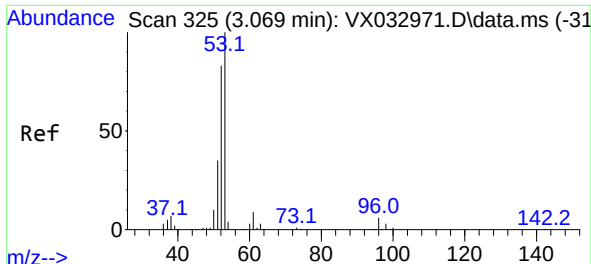
Tgt Ion: 64 Resp: 1171
Ion Ratio Lower Upper
64 100
66 2.6 26.0 39.0#



#11
Tert butyl alcohol
Concen: 3.507 ug/l
RT: 2.995 min Scan# 313
Delta R.T. 0.030 min
Lab File: VX033004.D
Acq: 23 Nov 2022 01:17

Tgt Ion: 59 Resp: 630
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

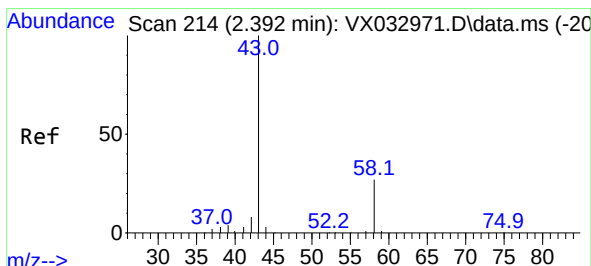
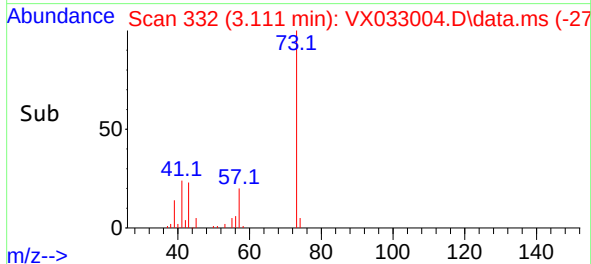
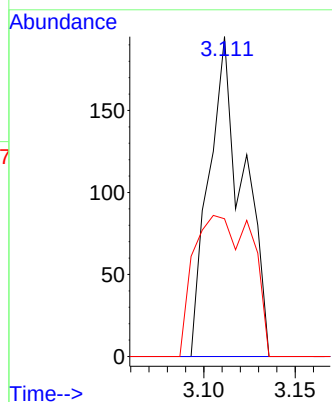
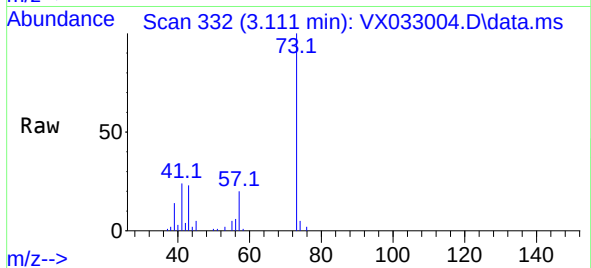




#15
Acrylonitrile
Concen: 0.506 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.049 min
Lab File: VX033004.D
Acq: 23 Nov 2022 01:17

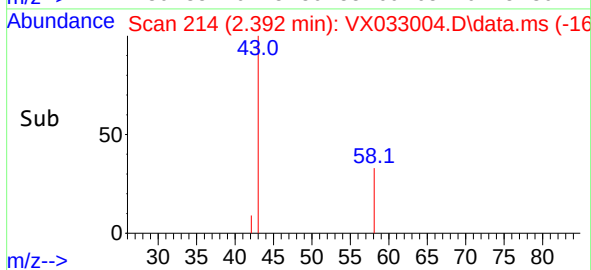
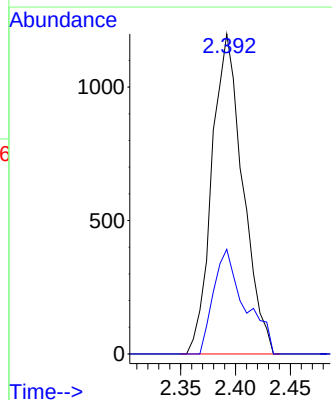
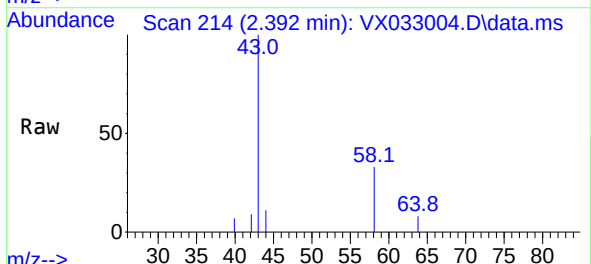
Instrument :
MSVOA_X
ClientSampleId :
MW-16R

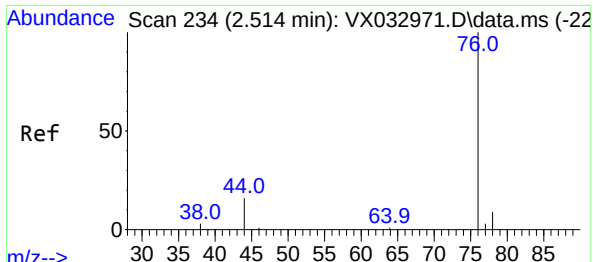
Tgt Ion: 53 Resp: 257
Ion Ratio Lower Upper
53 100
52 0.0 67.4 101.0#
51 73.9 30.3 45.5#



#16
Acetone
Concen: 4.448 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX033004.D
Acq: 23 Nov 2022 01:17

Tgt Ion: 43 Resp: 2354
Ion Ratio Lower Upper
43 100
58 32.7 23.8 35.8

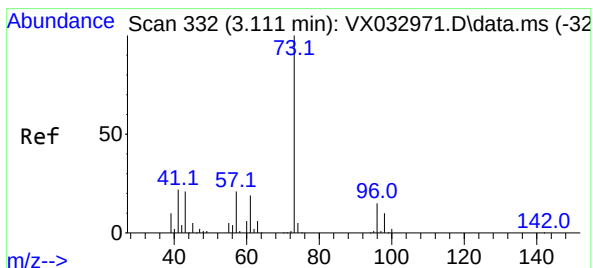
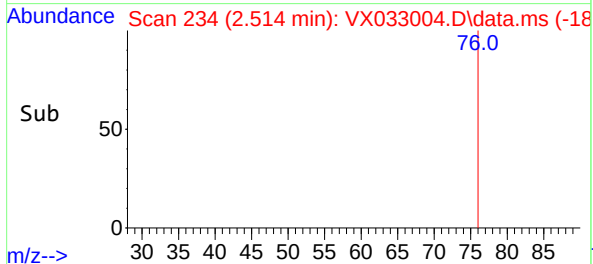
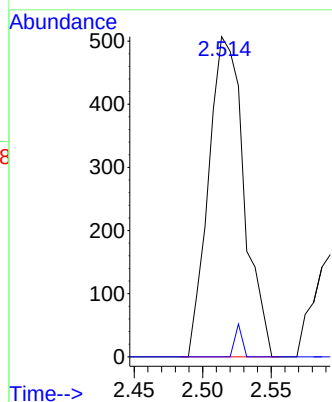
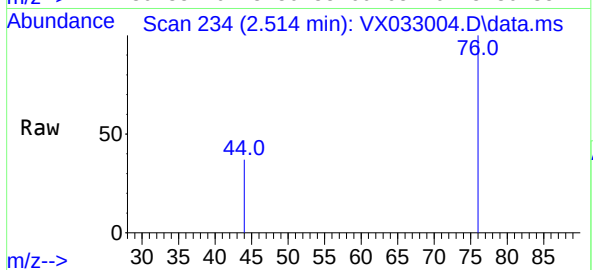




#17
Carbon Disulfide
Concen: 0.325 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033004.D
Acq: 23 Nov 2022 01:17

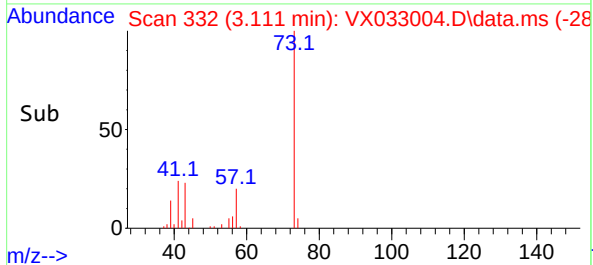
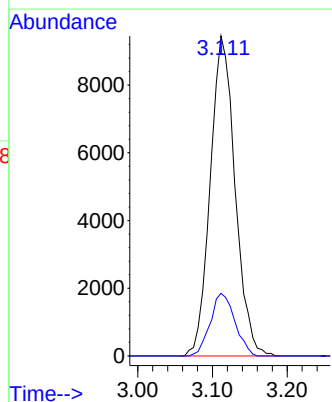
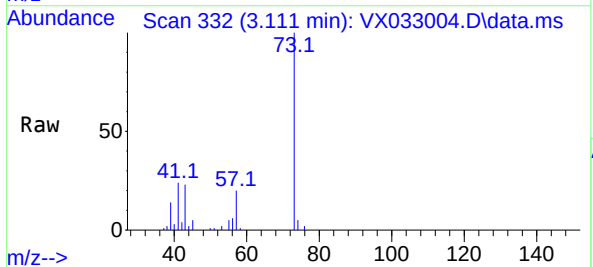
Instrument :
MSVOA_X
ClientSampleId :
MW-16R

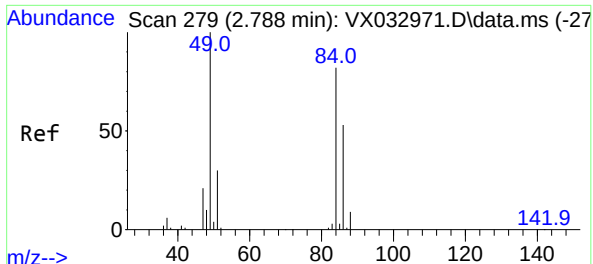
Tgt Ion: 76 Resp: 913
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#19
Methyl tert-butyl Ether
Concen: 6.191 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX033004.D
Acq: 23 Nov 2022 01:17

Tgt Ion: 73 Resp: 21801
Ion Ratio Lower Upper
73 100
57 19.5 16.6 25.0



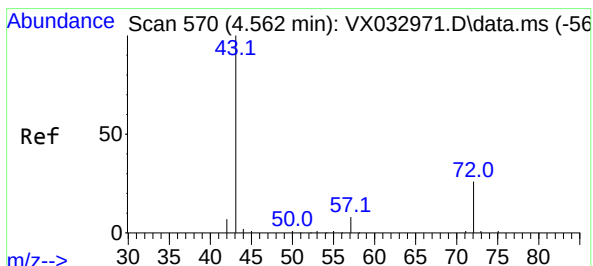
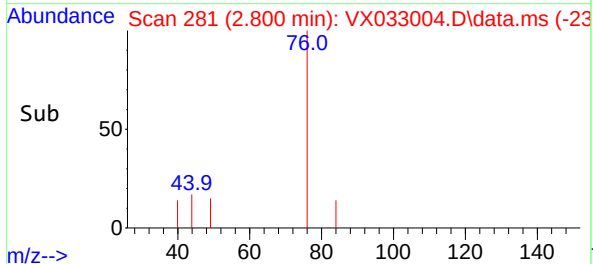
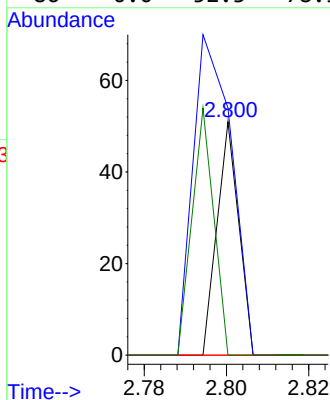
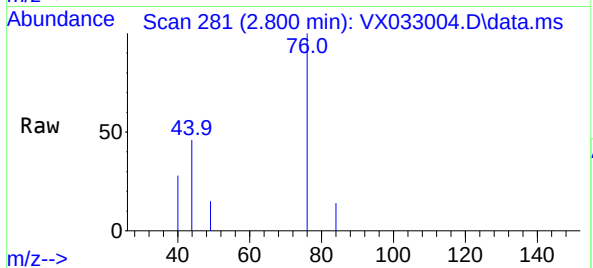


#20
Methylene Chloride
Concen: Below Cal
RT: 2.800 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX033004.D
Acq: 23 Nov 2022 01:17

Instrument :
MSVOA_X
ClientSampleId :
MW-16R

Tgt Ion: 84 Resp: 19

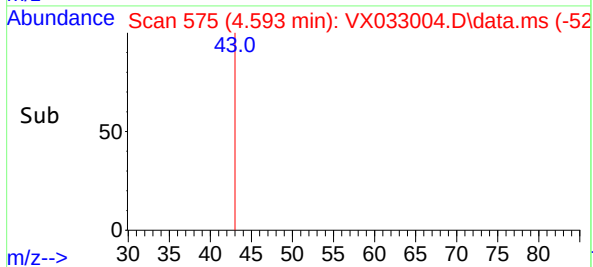
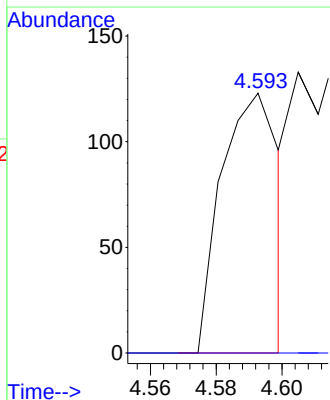
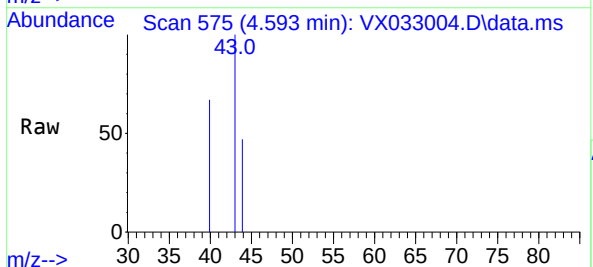
Ion	Ratio	Lower	Upper
84	100		
49	105.9	101.0	151.6
51	0.0	31.1	46.7#
86	0.0	52.3	78.5#

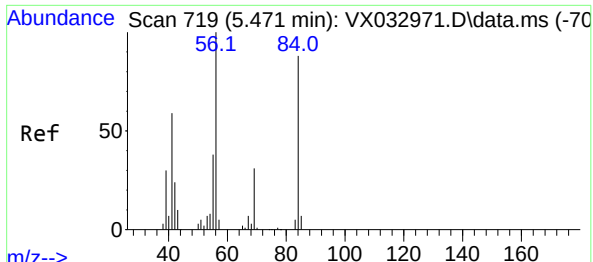


#25
2-Butanone
Concen: 0.206 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.037 min
Lab File: VX033004.D
Acq: 23 Nov 2022 01:17

Tgt Ion: 43 Resp: 150

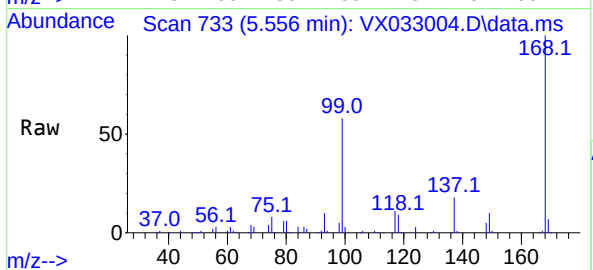
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.2	33.2#



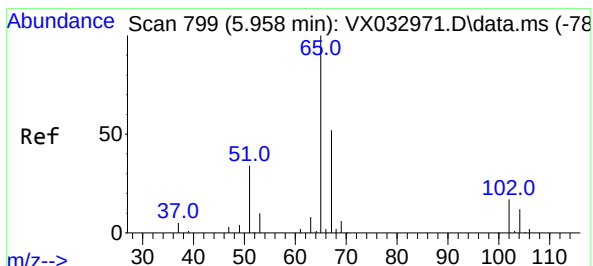
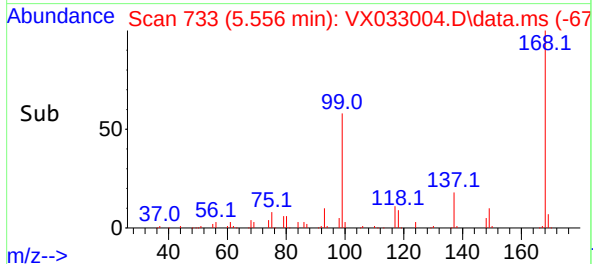
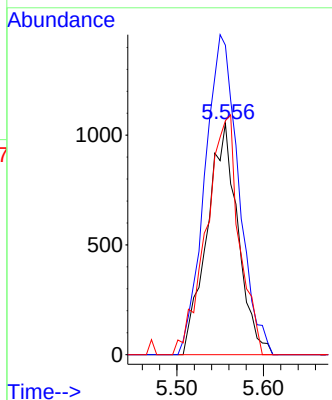


#31
Cyclohexane
Concen: 1.424 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX033004.D
Acq: 23 Nov 2022 01:17

Instrument :
MSVOA_X
ClientSampleId :
MW-16R

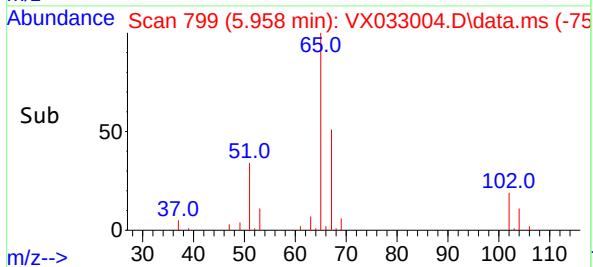
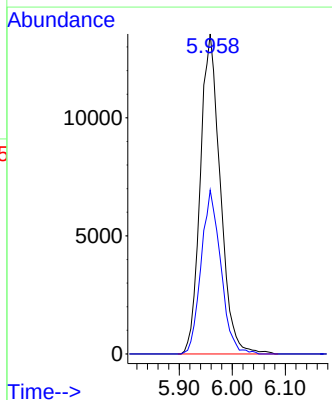
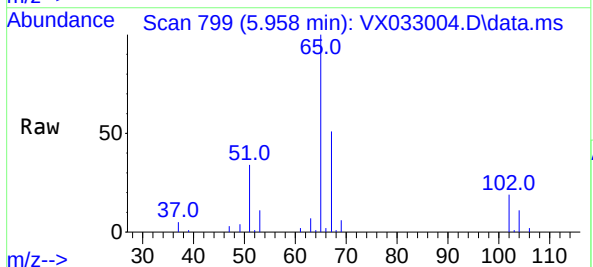


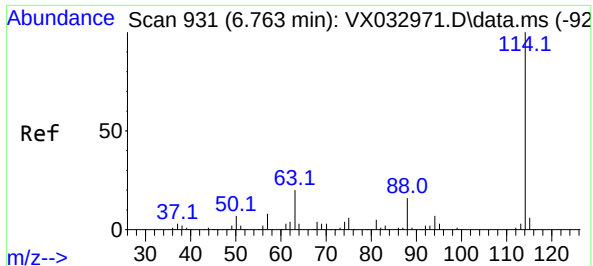
Tgt Ion: 56 Resp: 2615
Ion Ratio Lower Upper
56 100
69 133.8 24.1 36.1#
84 101.1 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 29.928 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033004.D
Acq: 23 Nov 2022 01:17

Tgt Ion: 65 Resp: 35456
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.8

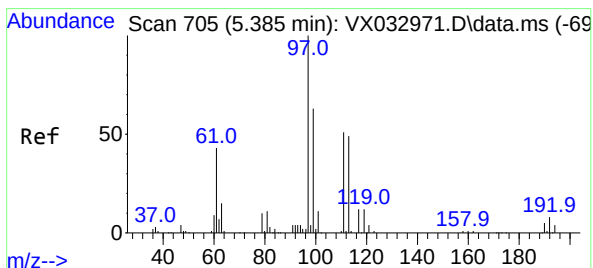
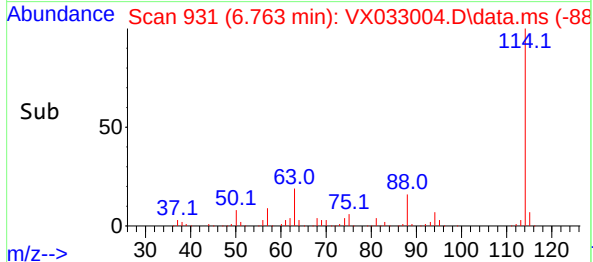
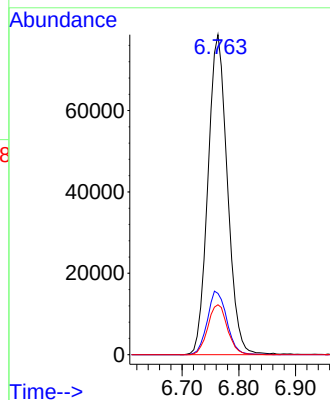
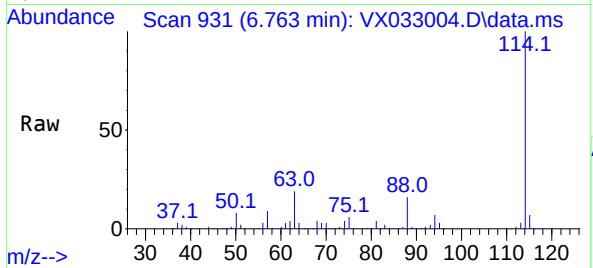




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX033004.D
Acq: 23 Nov 2022 01:17

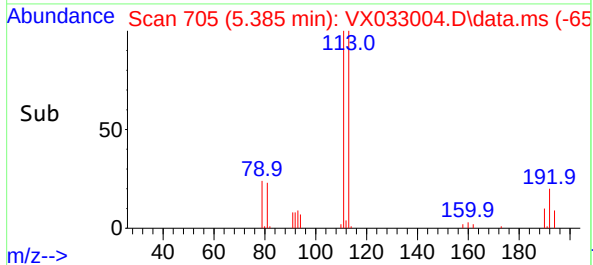
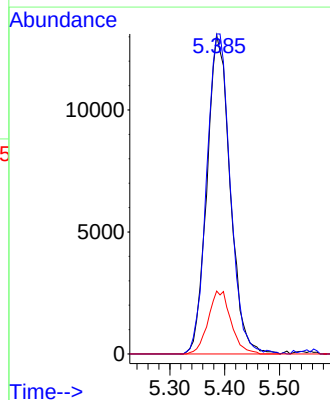
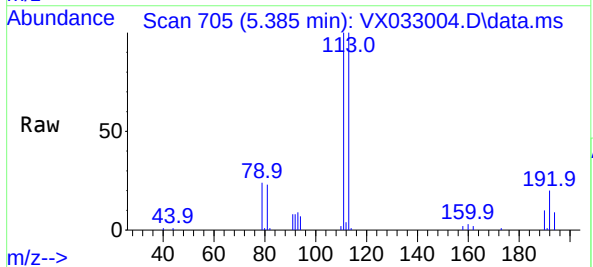
Instrument :
MSVOA_X
ClientSampleId :
MW-16R

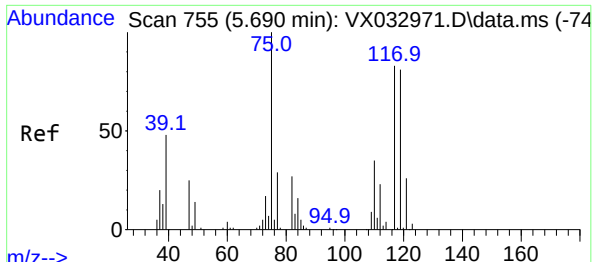
Tgt Ion:114 Resp: 187305
Ion Ratio Lower Upper
114 100
63 19.2 0.0 41.6
88 15.6 0.0 33.4



#35
Dibromofluoromethane
Concen: 36.337 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033004.D
Acq: 23 Nov 2022 01:17

Tgt Ion:113 Resp: 38370
Ion Ratio Lower Upper
113 100
111 102.0 82.4 123.6
192 19.4 15.4 23.2

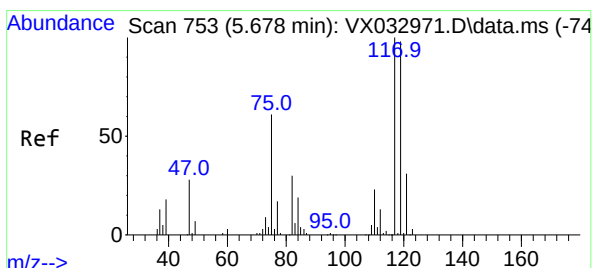
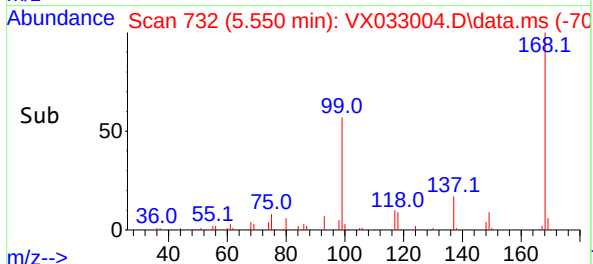
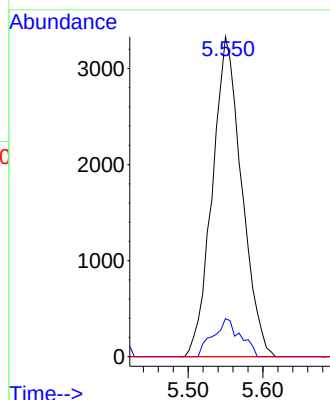
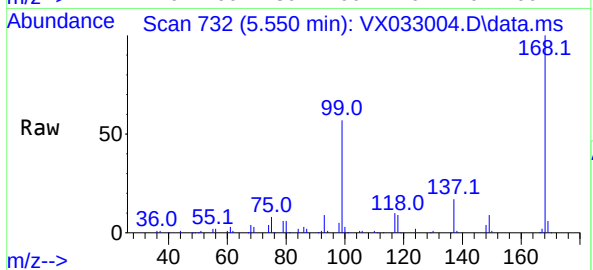




#36
1,1-Dichloropropene
Concen: 5.384 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX033004.D
Acq: 23 Nov 2022 01:17

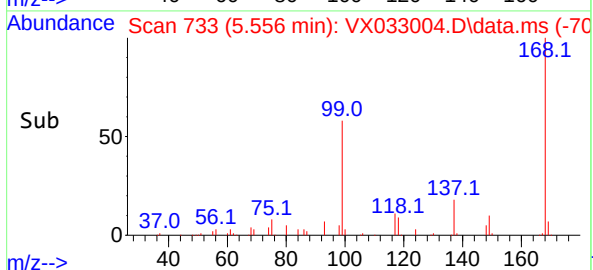
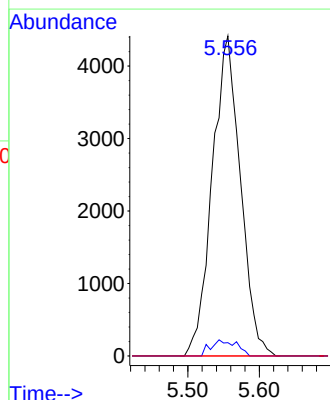
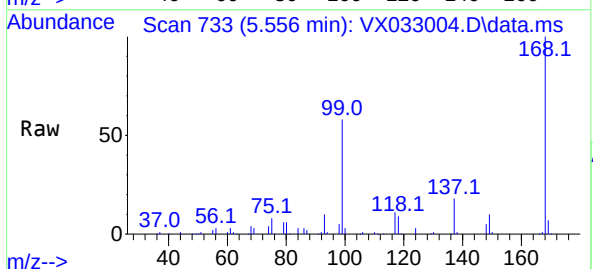
Instrument :
MSVOA_X
ClientSampleId :
MW-16R

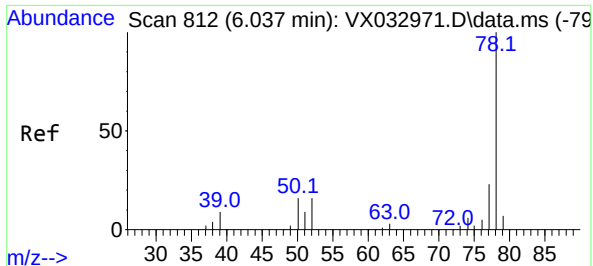
Tgt Ion: 75 Resp: 9090
Ion Ratio Lower Upper
75 100
110 11.0 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.457 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX033004.D
Acq: 23 Nov 2022 01:17

Tgt Ion: 117 Resp: 12094
Ion Ratio Lower Upper
117 100
119 4.2 77.2 115.8#
121 0.0 25.8 38.6#

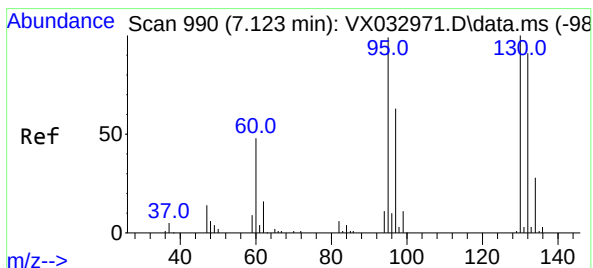
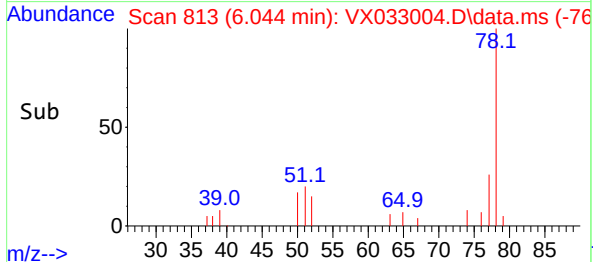
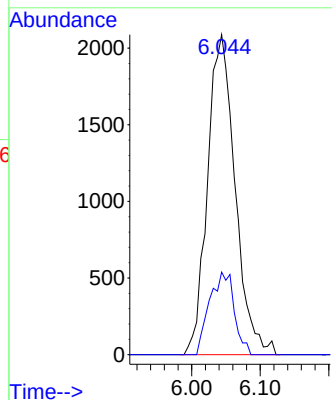
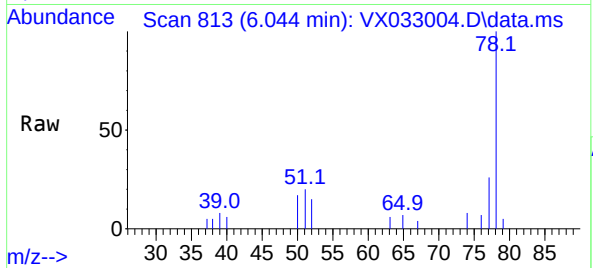




#40
Benzene
Concen: 1.236 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.007 min
Lab File: VX033004.D
Acq: 23 Nov 2022 01:17

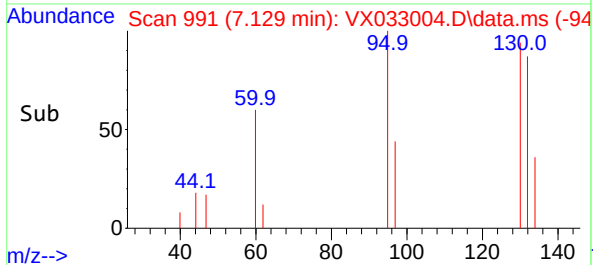
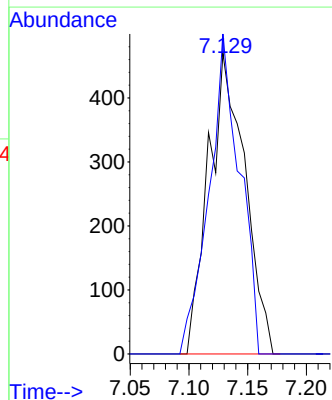
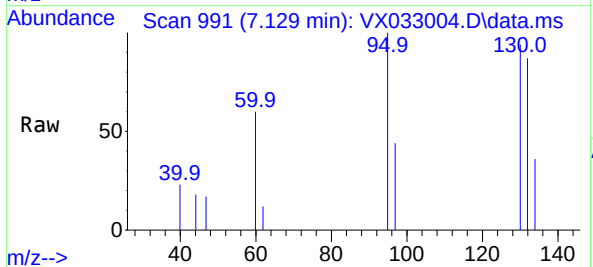
Instrument :
MSVOA_X
ClientSampleId :
MW-16R

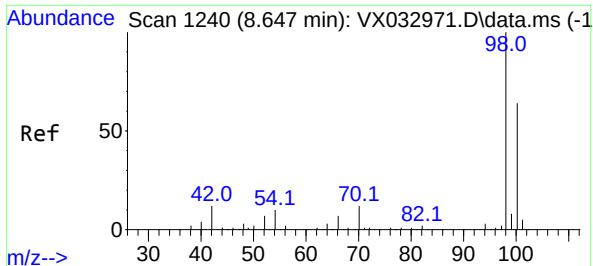
Tgt Ion: 78 Resp: 5849
Ion Ratio Lower Upper
78 100
77 25.8 19.0 28.4



#44
Trichloroethene
Concen: 0.763 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX033004.D
Acq: 23 Nov 2022 01:17

Tgt Ion: 130 Resp: 1014
Ion Ratio Lower Upper
130 100
95 106.4 0.0 195.2

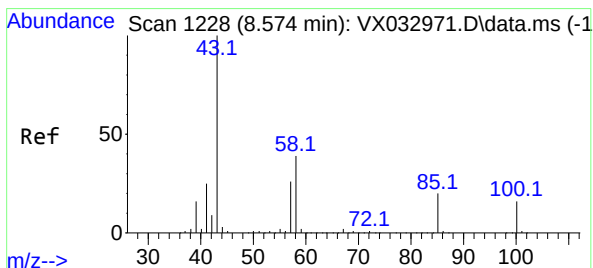
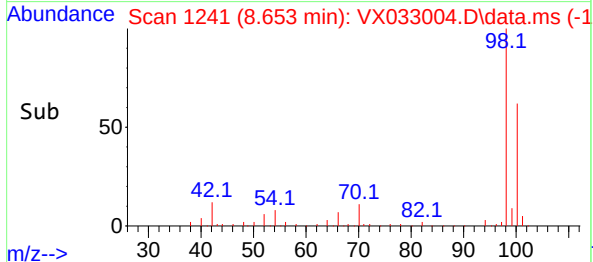
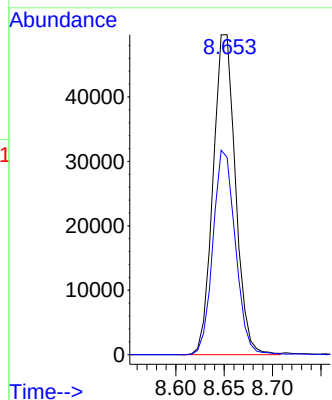
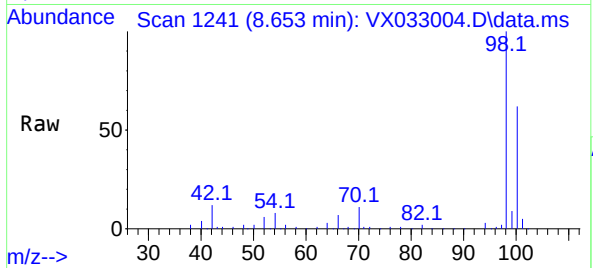




#50
Toluene-d8
Concen: 24.049 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX033004.D
Acq: 23 Nov 2022 01:17

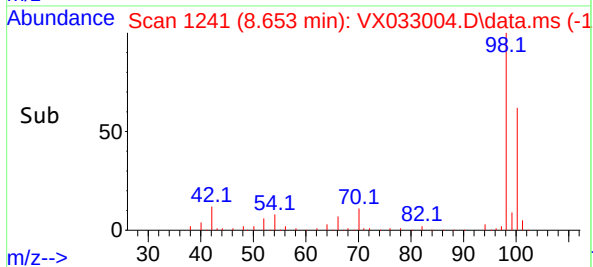
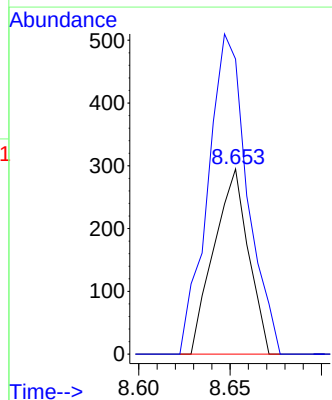
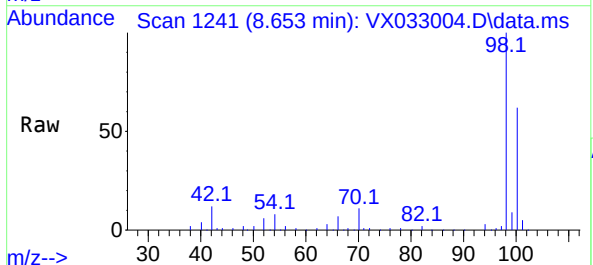
Instrument :
MSVOA_X
ClientSampleId :
MW-16R

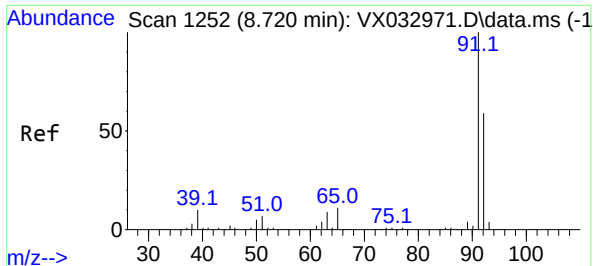
Tgt Ion: 98 Resp: 79965
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.257 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX033004.D
Acq: 23 Nov 2022 01:17

Tgt Ion: 43 Resp: 387
Ion Ratio Lower Upper
43 100
58 198.4 30.9 46.3#

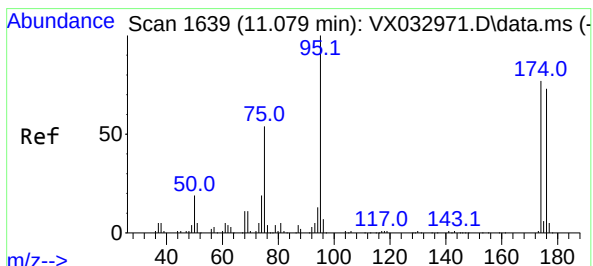
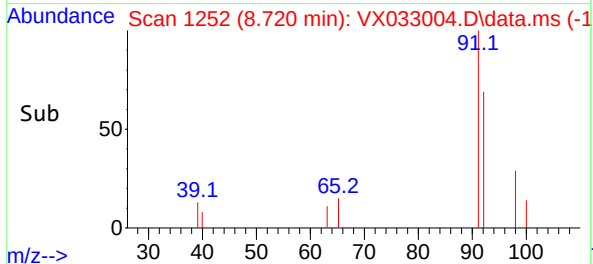
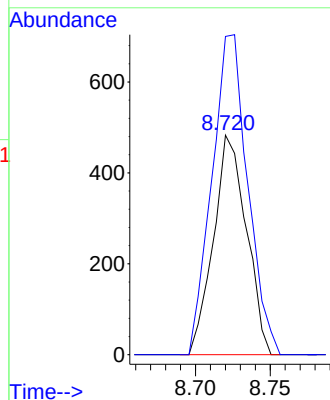
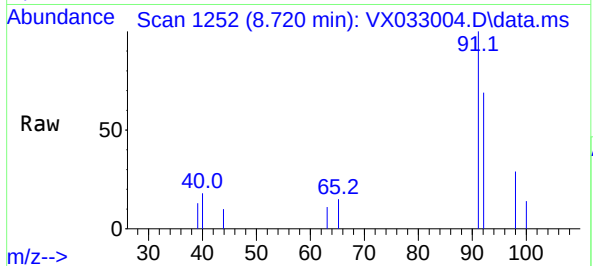




#52
Toluene
Concen: 0.238 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033004.D
Acq: 23 Nov 2022 01:17

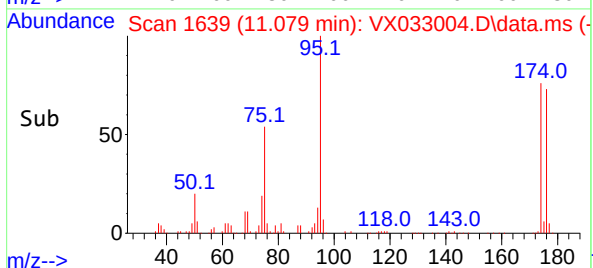
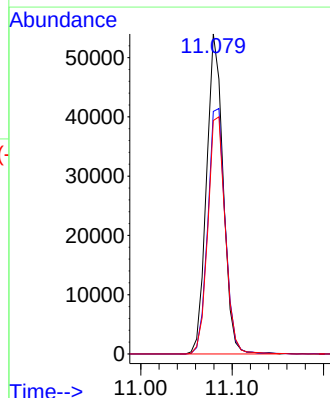
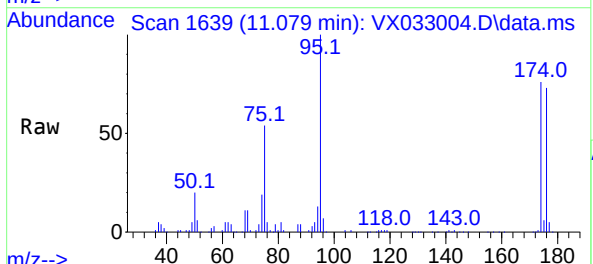
Instrument :
MSVOA_X
ClientSampleId :
MW-16R

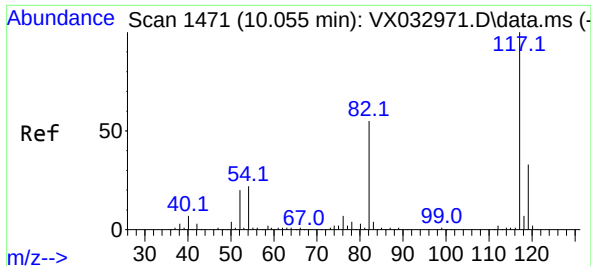
Tgt Ion: 92 Resp: 740
Ion Ratio Lower Upper
92 100
91 158.6 138.3 207.5



#62
4-Bromofluorobenzene
Concen: 49.011 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033004.D
Acq: 23 Nov 2022 01:17

Tgt Ion: 95 Resp: 67983
Ion Ratio Lower Upper
95 100
174 80.3 0.0 164.0
176 77.6 0.0 154.4

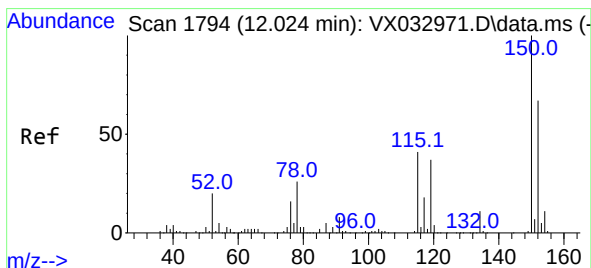
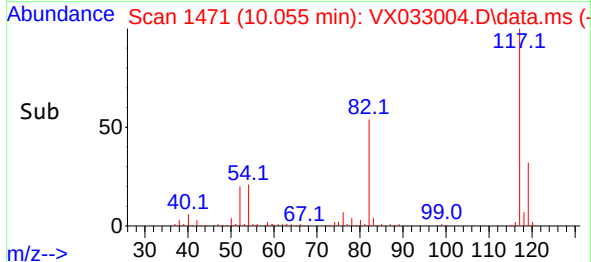
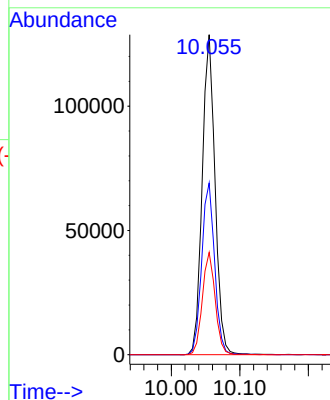
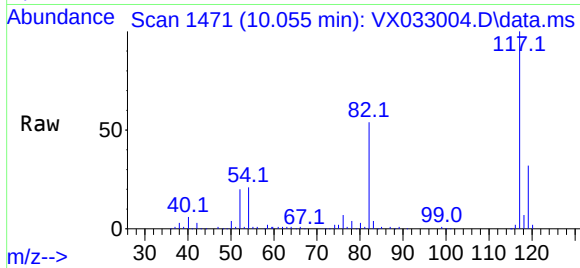




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033004.D
Acq: 23 Nov 2022 01:17

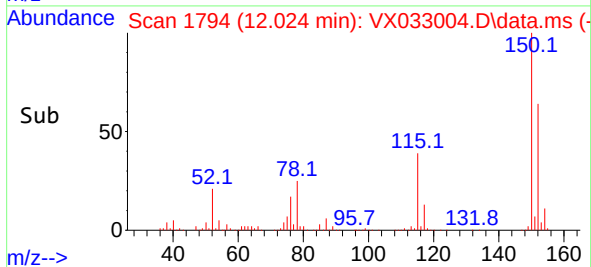
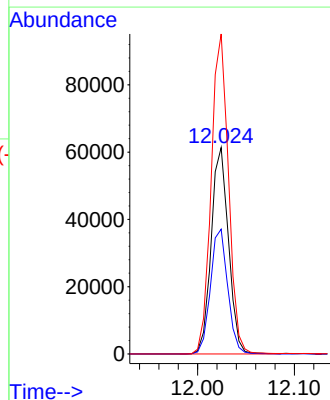
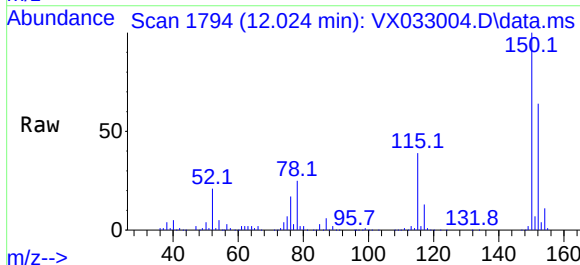
Instrument :
MSVOA_X
ClientSampleId :
MW-16R

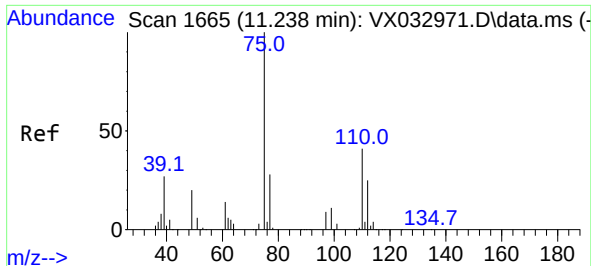
Tgt Ion:117 Resp: 167955
Ion Ratio Lower Upper
117 100
82 53.6 44.3 66.5
119 32.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033004.D
Acq: 23 Nov 2022 01:17

Tgt Ion:152 Resp: 76470
Ion Ratio Lower Upper
152 100
115 60.4 44.0 132.0
150 154.8 0.0 351.8

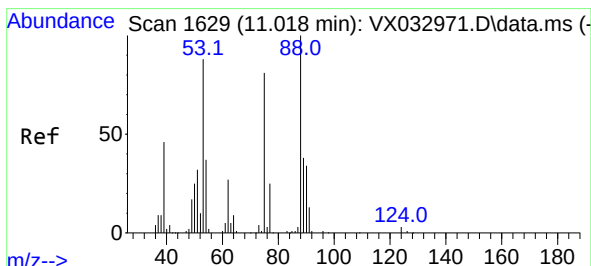
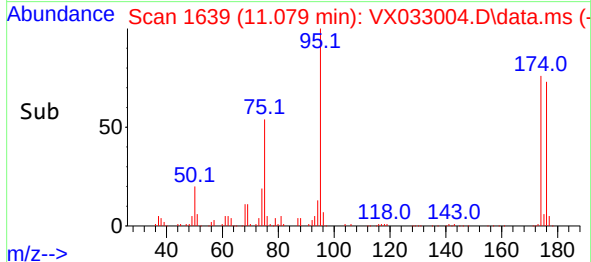
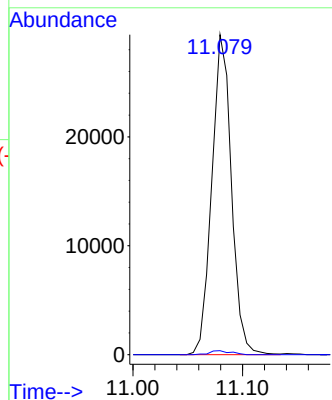
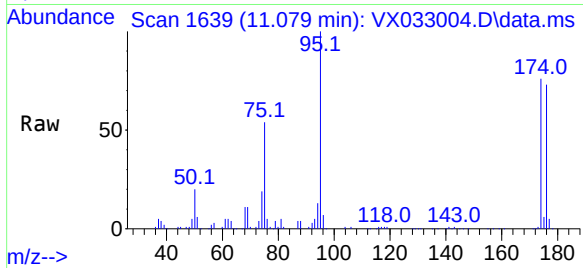




#76
1,2,3-Trichloropropane
Concen: 25.232 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033004.D
Acq: 23 Nov 2022 01:17

Instrument :
MSVOA_X
ClientSampleId :
MW-16R

Tgt Ion: 75 Resp: 36541
Ion Ratio Lower Upper
75 100
77 1.3 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.015 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033004.D
Acq: 23 Nov 2022 01:17

Tgt Ion: 75 Resp: 36541
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

