

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
 Data File : VX033044.D
 Acq On : 24 Nov 2022 07:13
 Operator : JC/MD
 Sample : N5741-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-36

Quant Time: Nov 25 06:38:06 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)

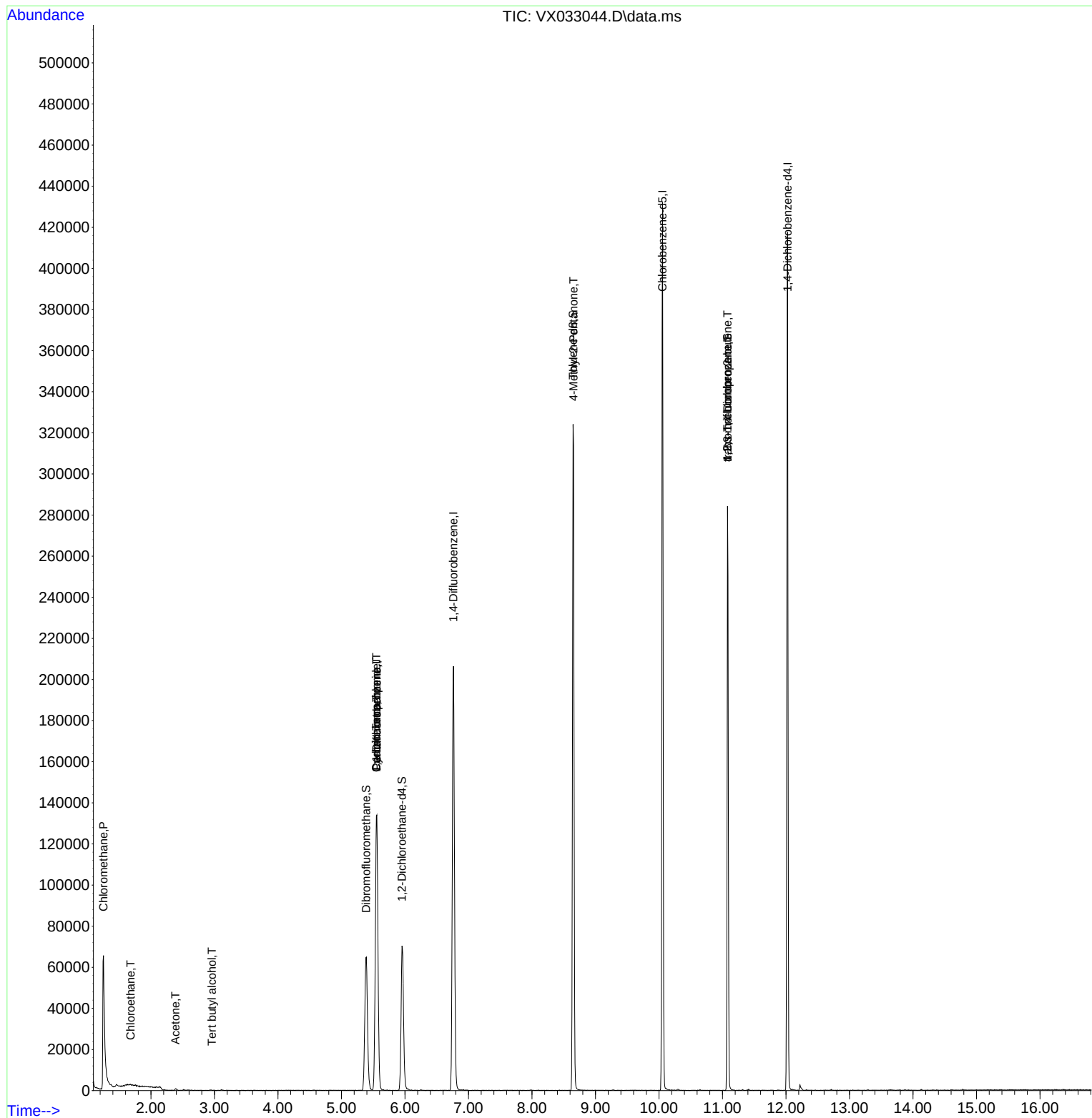
Internal Standards						
1) Pentafluorobenzene	5.556	168	128791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	211550	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72388	58.023	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 116.040%	
35) Dibromofluoromethane	5.385	113	57817	48.478	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.960%	
50) Toluene-d8	8.647	98	196525	54.981	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 109.960%	
62) 4-Bromofluorobenzene	11.079	95	71011	45.326	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.660%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.252	50	2219	2.089	ug/l #	43
6) Chloroethane	1.679	64	525	0.545	ug/l #	64
11) Tert butyl alcohol	2.959	59	79	0.397	ug/l #	72
16) Acetone	2.386	43	1215	2.074	ug/l #	84
31) Cyclohexane	5.550	56	2770	1.363	ug/l #	39
36) 1,1-Dichloropropene	5.550	75	10009	5.249	ug/l #	49
38) Carbon Tetrachloride	5.550	117	13360	6.315	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	888	0.523	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	38802	23.377	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	38802	75.986	ug/l #	6

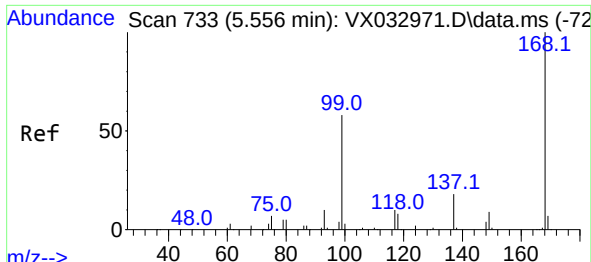
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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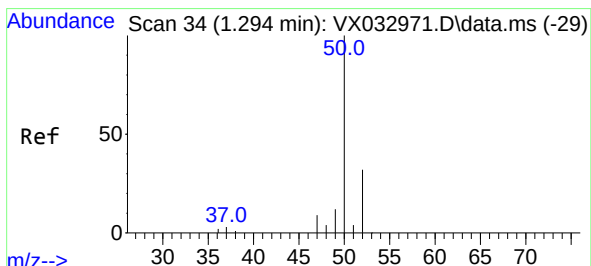
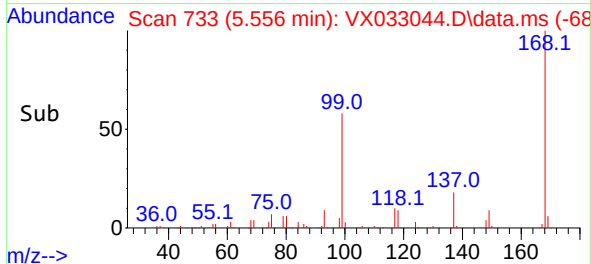
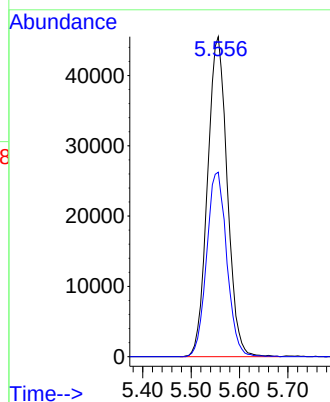
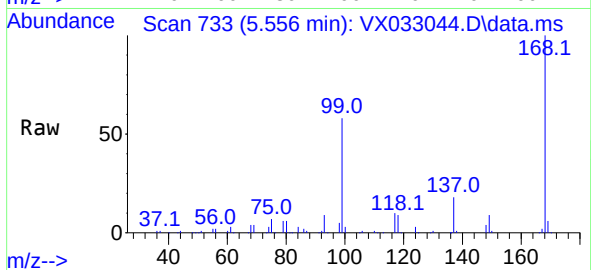




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033044.D
Acq: 24 Nov 2022 07:13

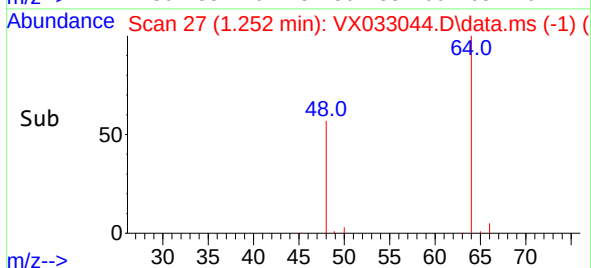
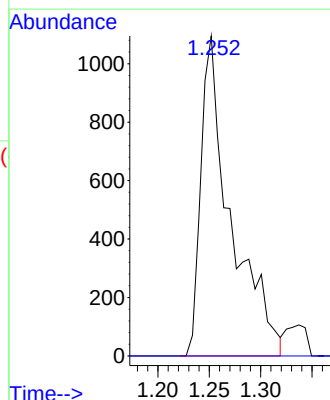
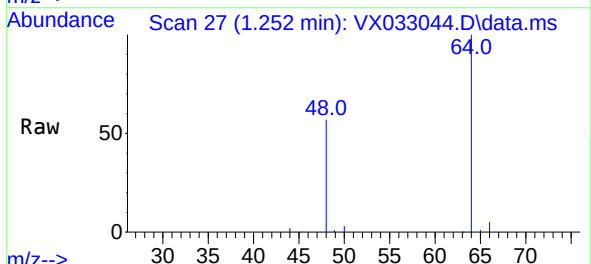
Instrument :
MSVOA_X
ClientSampleId :
MW-36

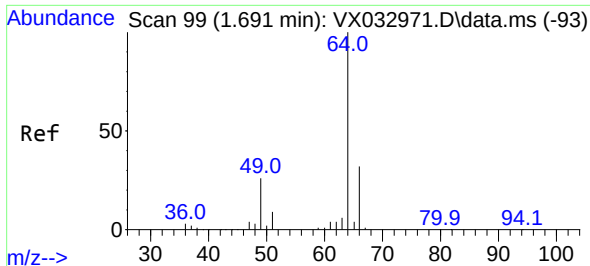
Tgt Ion:168 Resp: 128791
Ion Ratio Lower Upper
168 100
99 57.6 46.1 69.1



#3
Chloromethane
Concen: 2.089 ug/l
RT: 1.252 min Scan# 27
Delta R.T. -0.042 min
Lab File: VX033044.D
Acq: 24 Nov 2022 07:13

Tgt Ion: 50 Resp: 2219
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

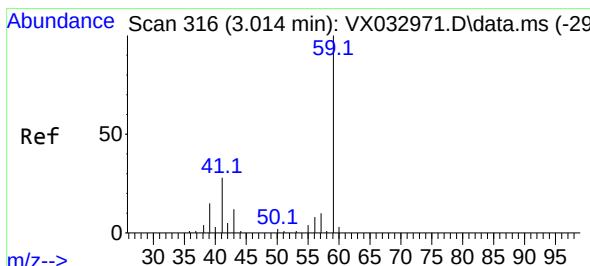
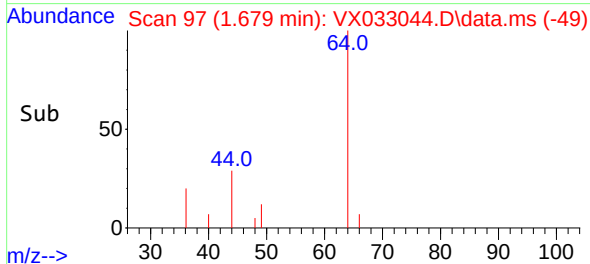
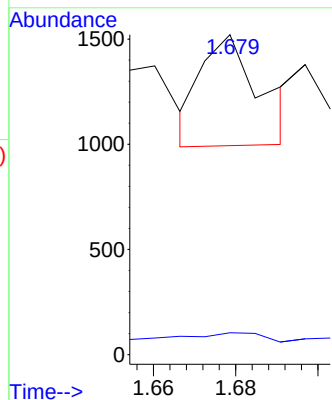
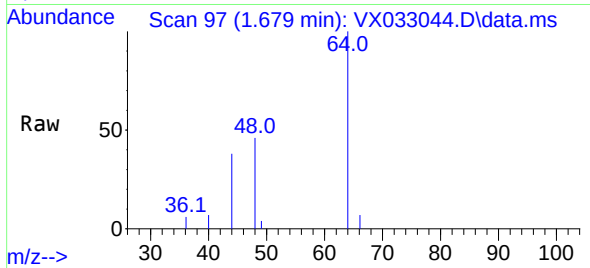




#6
Chloroethane
Concen: 0.545 ug/l
RT: 1.679 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX033044.D
Acq: 24 Nov 2022 07:13

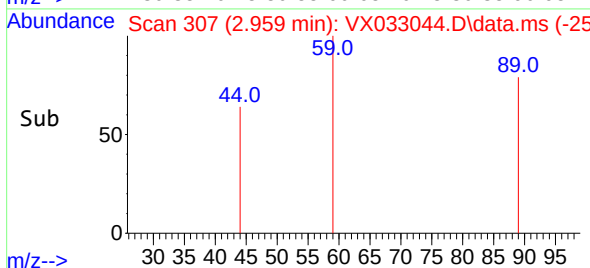
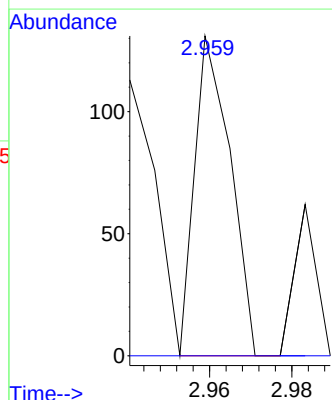
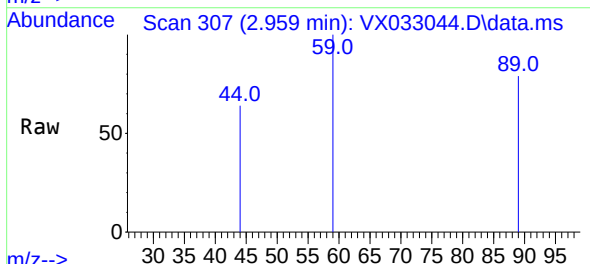
Instrument :
MSVOA_X
ClientSampleId :
MW-36

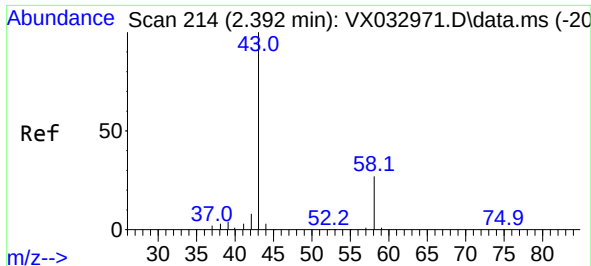
Tgt Ion: 64 Resp: 525
Ion Ratio Lower Upper
64 100
66 12.1 26.0 39.0#



#11
Tert butyl alcohol
Concen: 0.397 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX033044.D
Acq: 24 Nov 2022 07:13

Tgt Ion: 59 Resp: 79
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

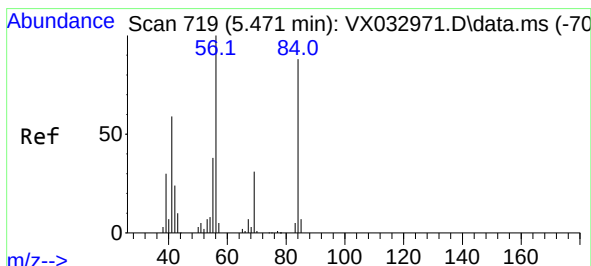
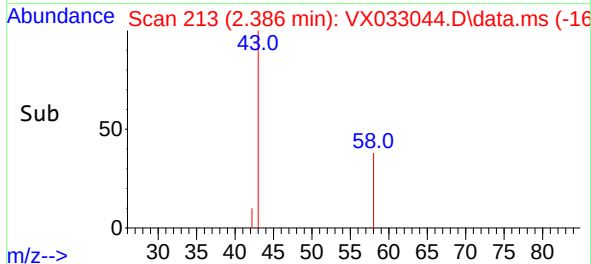
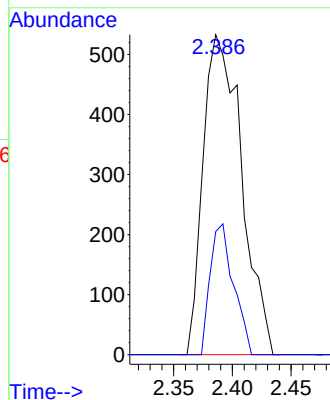
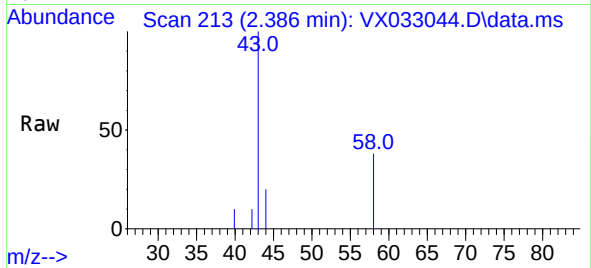




#16
Acetone
Concen: 2.074 ug/l
RT: 2.386 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX033044.D
Acq: 24 Nov 2022 07:13

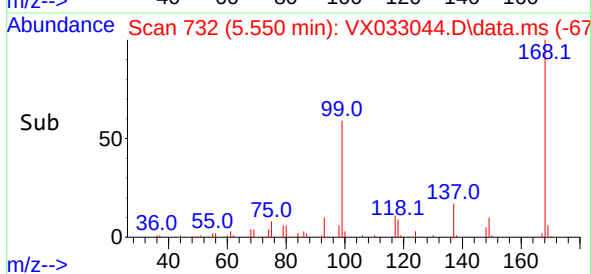
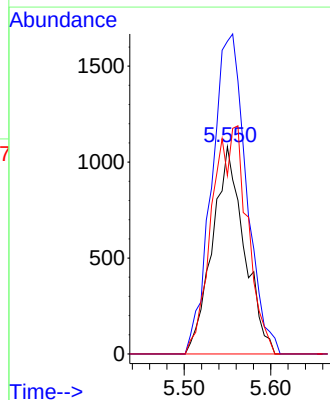
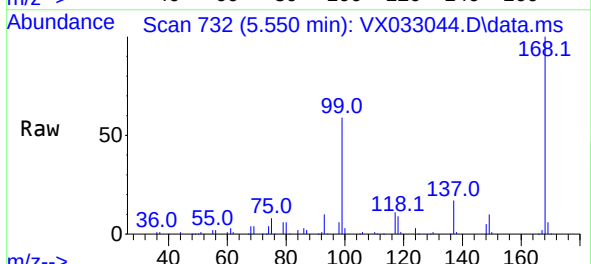
Instrument :
MSVOA_X
ClientSampleId :
MW-36

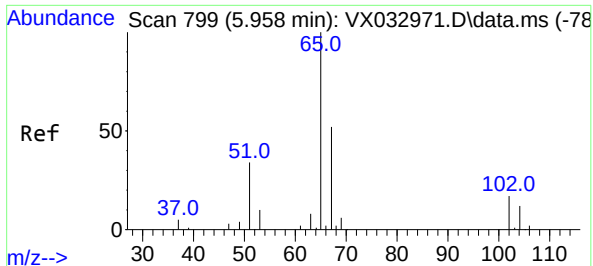
Tgt Ion: 43 Resp: 1215
Ion Ratio Lower Upper
43 100
58 38.5 23.8 35.8#



#31
Cyclohexane
Concen: 1.363 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX033044.D
Acq: 24 Nov 2022 07:13

Tgt Ion: 56 Resp: 2770
Ion Ratio Lower Upper
56 100
69 150.9 24.1 36.1#
84 86.1 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 58.023 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033044.D

Acq: 24 Nov 2022 07:13

Instrument :

MSVOA_X

ClientSampleId :

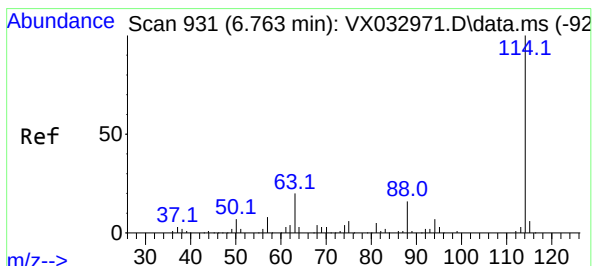
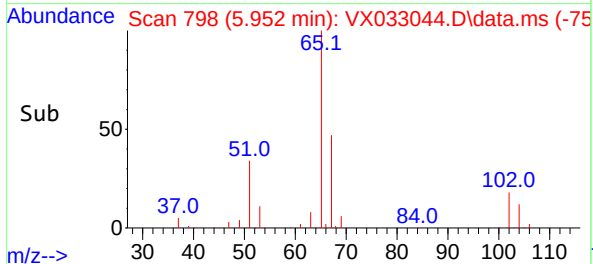
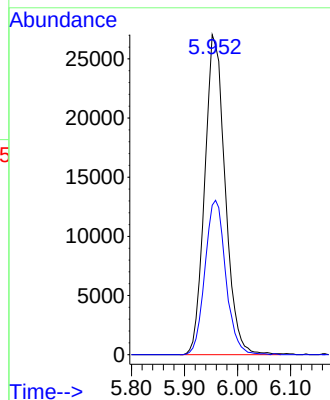
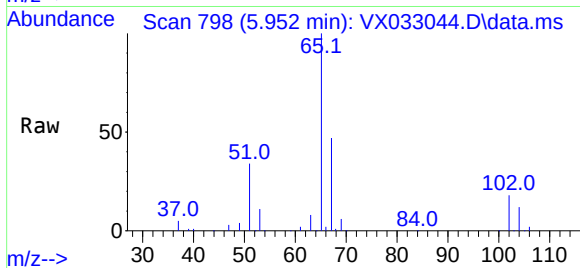
MW-36

Tgt Ion: 65 Resp: 72388

Ion Ratio Lower Upper

65 100

67 49.0 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: VX033044.D

Acq: 24 Nov 2022 07:13

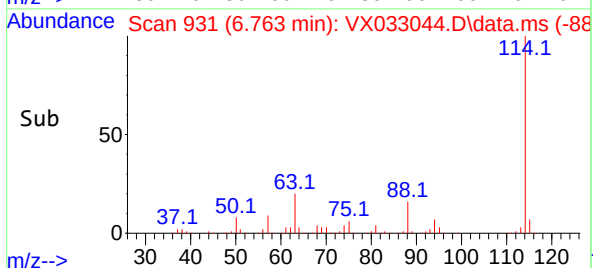
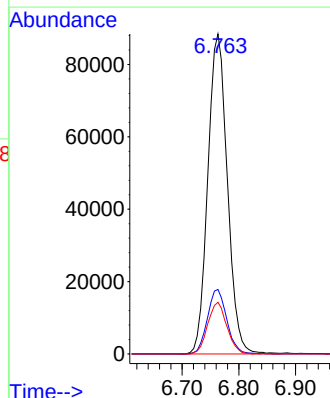
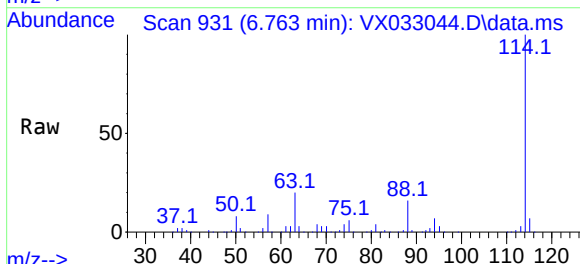
Tgt Ion:114 Resp: 211550

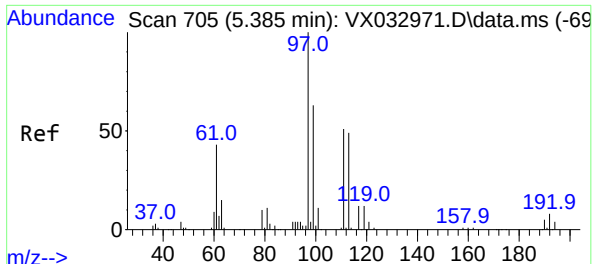
Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.6

88 16.1 0.0 33.4



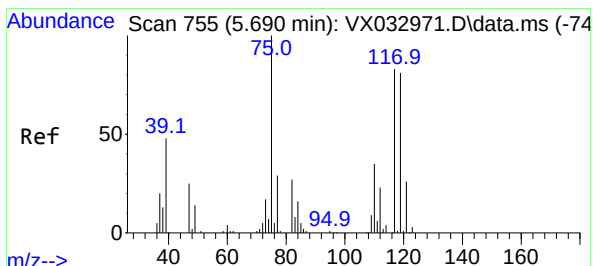
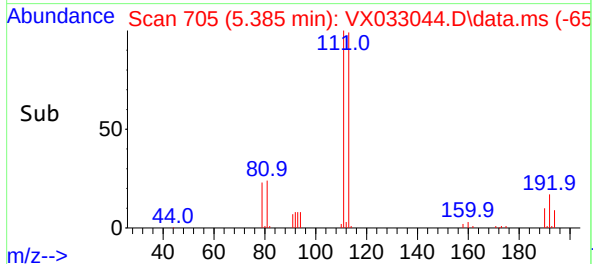
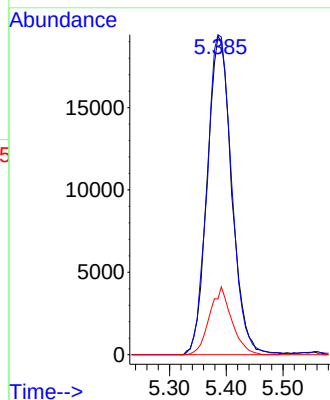
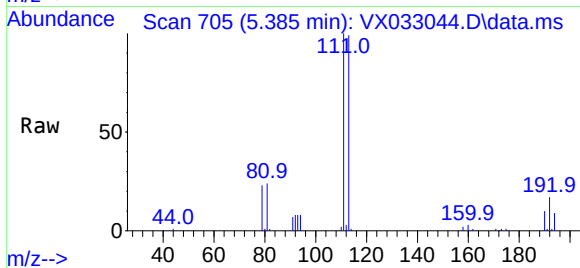


#35
Dibromofluoromethane
Concen: 48.478 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033044.D
Acq: 24 Nov 2022 07:13

Instrument :
MSVOA_X
ClientSampleId :
MW-36

Tgt Ion:113 Resp: 57817

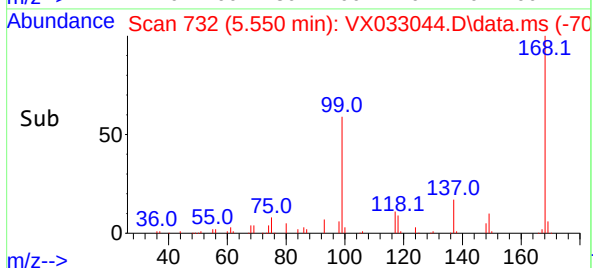
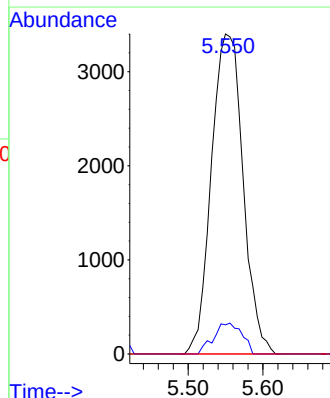
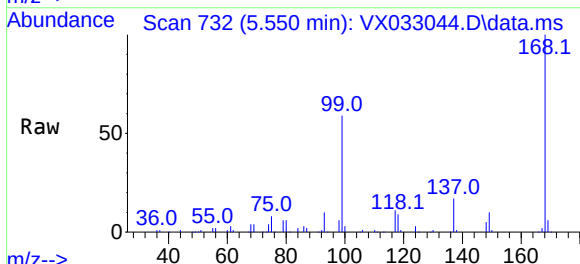
Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.4	123.6
192	19.3	15.4	23.2

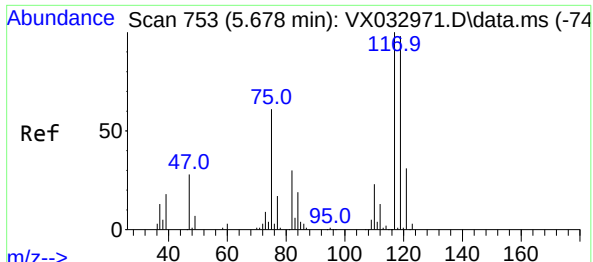


#36
1,1-Dichloropropene
Concen: 5.249 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX033044.D
Acq: 24 Nov 2022 07:13

Tgt Ion: 75 Resp: 10009

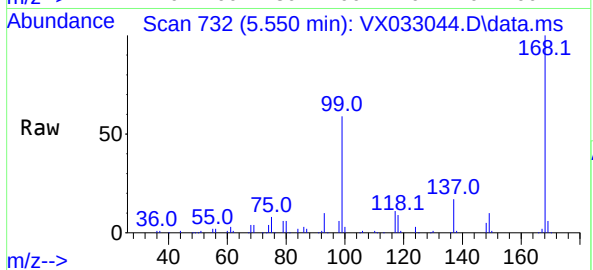
Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.4	55.2#
77	0.0	24.5	36.7#



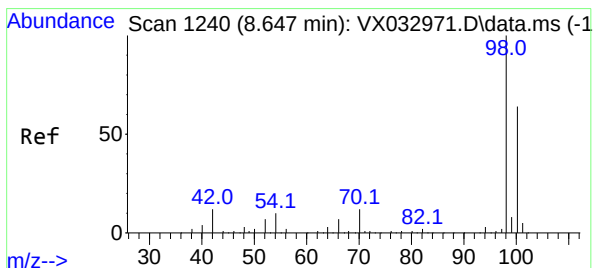
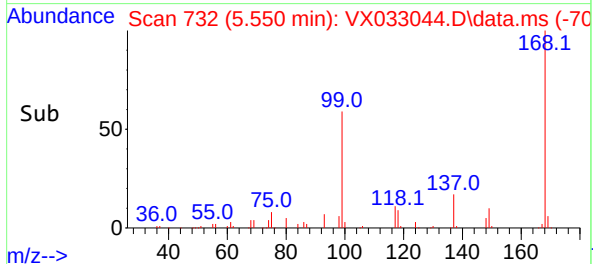
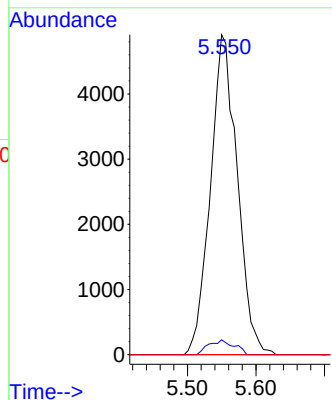


#38
Carbon Tetrachloride
Concen: 6.315 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX033044.D
Acq: 24 Nov 2022 07:13

Instrument :
MSVOA_X
ClientSampleId :
MW-36

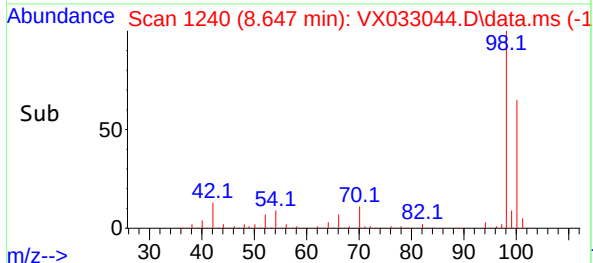
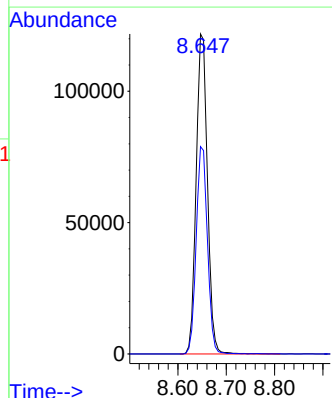
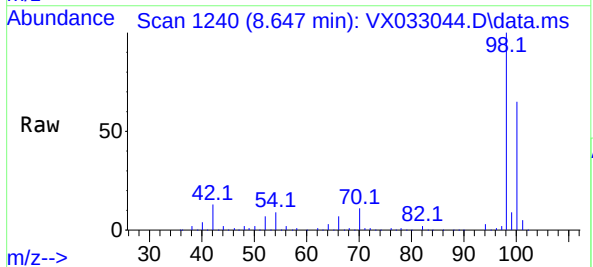


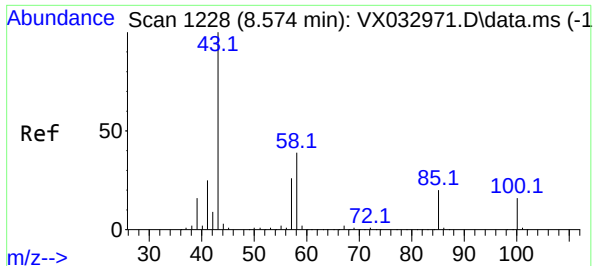
Tgt Ion:117 Resp: 13360
Ion Ratio Lower Upper
117 100
119 4.6 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 54.981 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033044.D
Acq: 24 Nov 2022 07:13

Tgt Ion: 98 Resp: 196525
Ion Ratio Lower Upper
98 100
100 64.6 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.523 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.079 min

Lab File: VX033044.D

Acq: 24 Nov 2022 07:13

Instrument :

MSVOA_X

ClientSampleId :

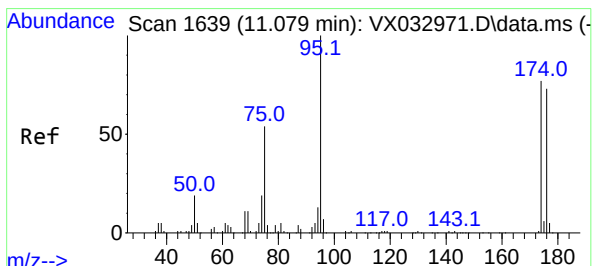
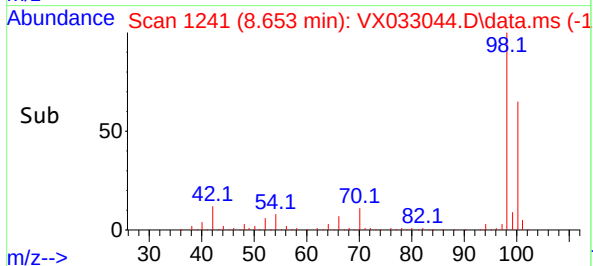
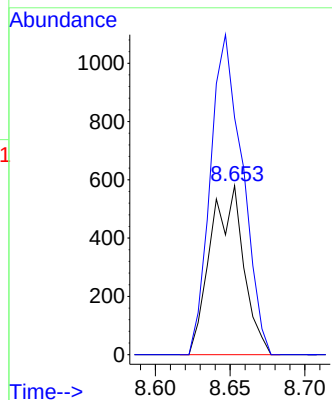
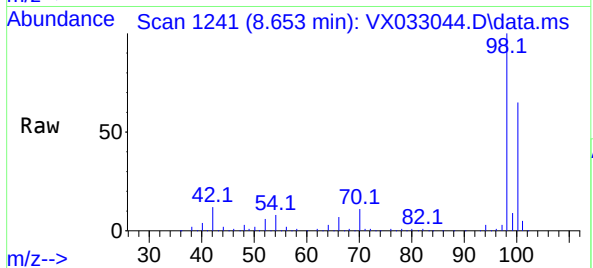
MW-36

Tgt Ion: 43 Resp: 888

Ion Ratio Lower Upper

43 100

58 184.7 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 45.326 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX033044.D

Acq: 24 Nov 2022 07:13

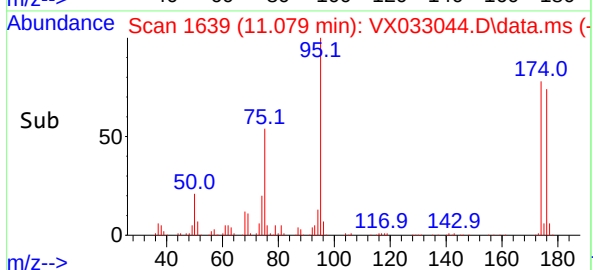
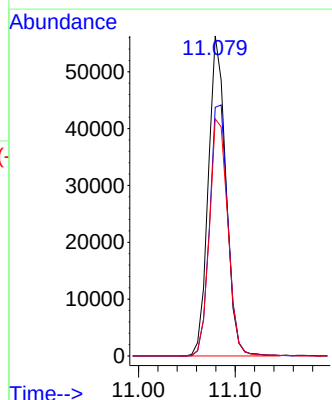
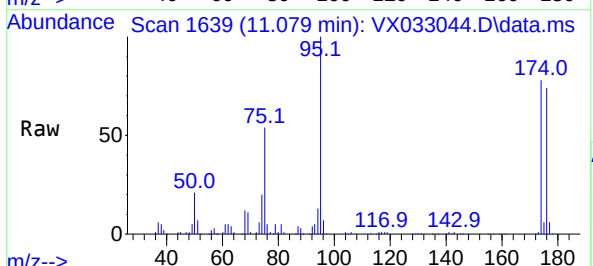
Tgt Ion: 95 Resp: 71011

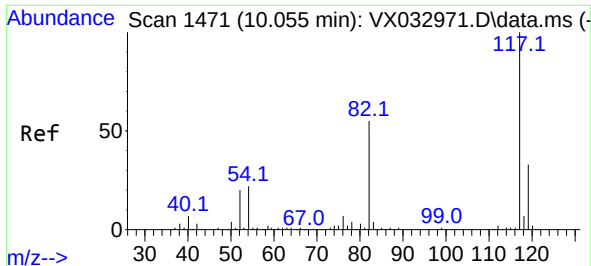
Ion Ratio Lower Upper

95 100

174 81.5 0.0 164.0

176 77.6 0.0 154.4

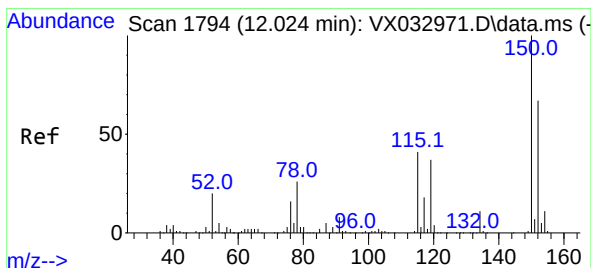
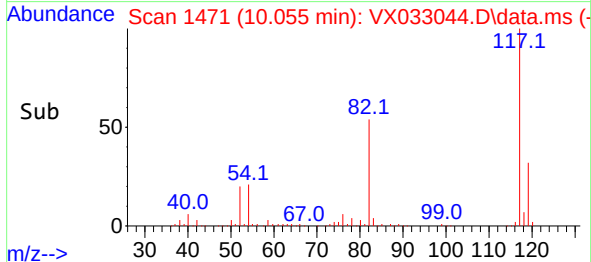
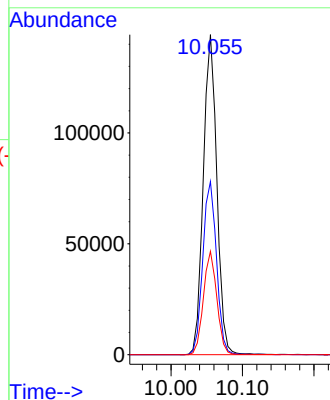
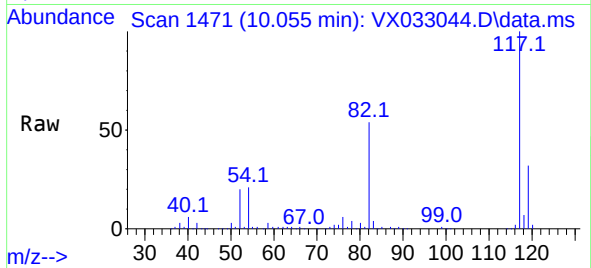




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033044.D
Acq: 24 Nov 2022 07:13

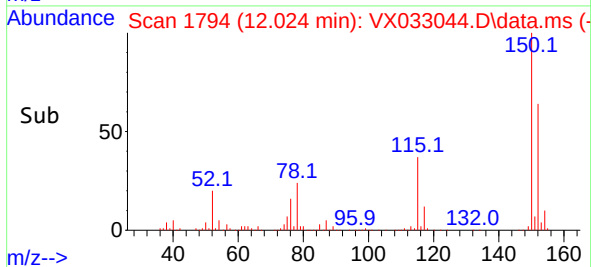
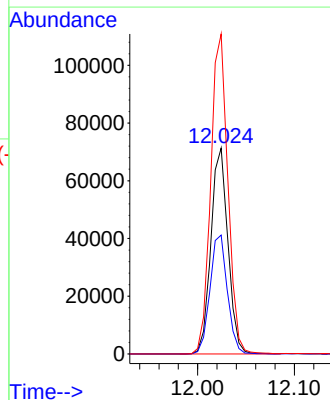
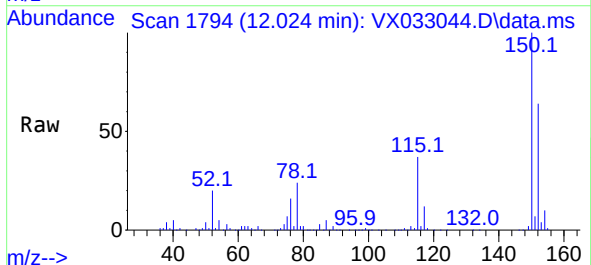
Instrument :
MSVOA_X
ClientSampleId :
MW-36

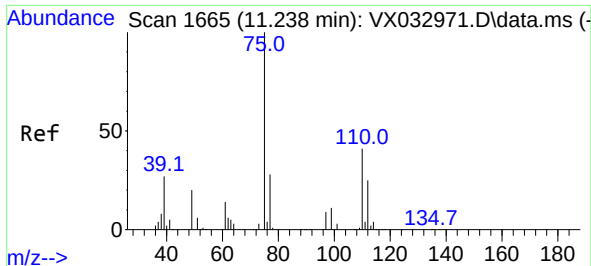
Tgt Ion:117 Resp: 190206
Ion Ratio Lower Upper
117 100
82 54.1 44.3 66.5
119 32.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033044.D
Acq: 24 Nov 2022 07:13

Tgt Ion:152 Resp: 87644
Ion Ratio Lower Upper
152 100
115 58.9 44.0 132.0
150 156.2 0.0 351.8

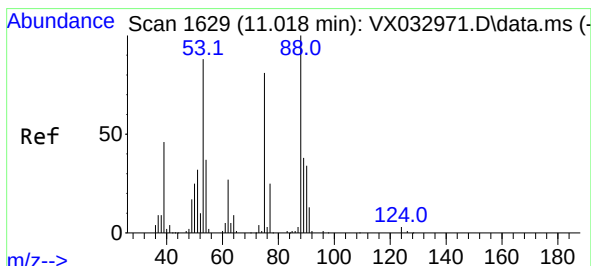
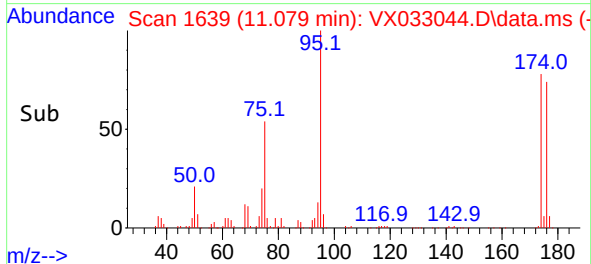
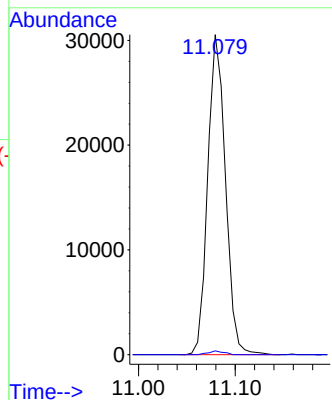
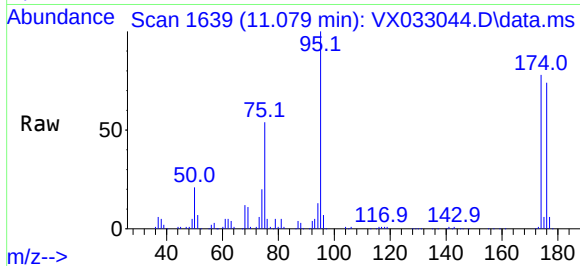




#76
1,2,3-Trichloropropane
Concen: 23.377 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033044.D
Acq: 24 Nov 2022 07:13

Instrument :
MSVOA_X
ClientSampleId :
MW-36

Tgt Ion: 75 Resp: 38802
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.986 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033044.D
Acq: 24 Nov 2022 07:13

Tgt Ion: 75 Resp: 38802
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.1 38.3 57.5#

