

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
 Data File : VX033024.D
 Acq On : 23 Nov 2022 16:57
 Operator : JC/MD
 Sample : N5730-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP06-20221118

Quant Time: Nov 24 04:07:04 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)

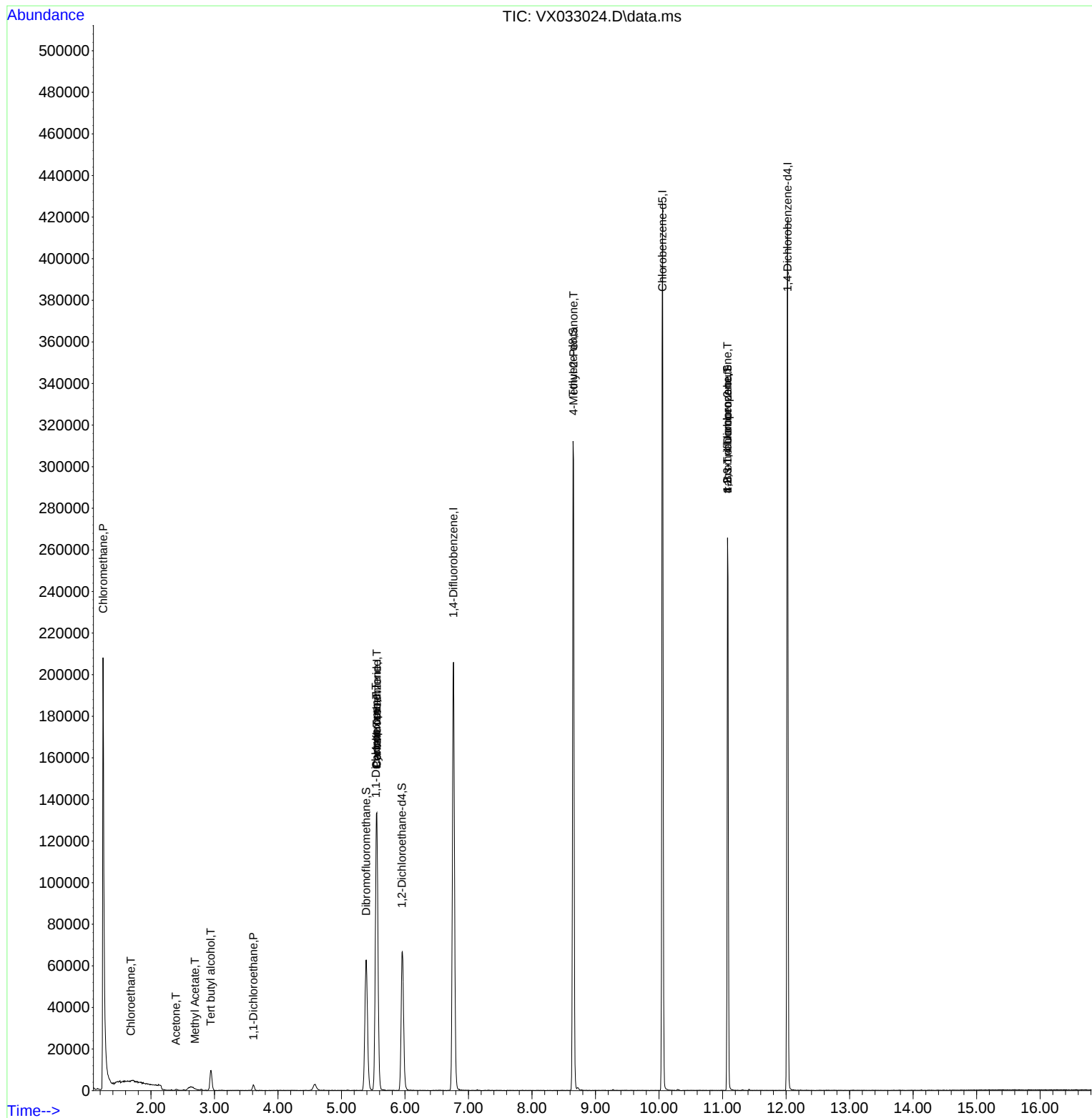
Internal Standards						
1) Pentafluorobenzene	5.556	168	126738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	207739	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85429	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67932	55.178	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.360%	
35) Dibromofluoromethane	5.385	113	54072	46.170	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.340%	
50) Toluene-d8	8.647	98	188031	53.512	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.020%	
62) 4-Bromofluorobenzene	11.079	95	66156	43.002	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 86.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.246	50	5223	4.997	ug/l #	43
6) Chloroethane	1.685	64	386	0.407	ug/l #	51
11) Tert butyl alcohol	2.940	59	5760	29.440	ug/l #	73
16) Acetone	2.392	43	774	1.343	ug/l	94
18) Methyl Acetate	2.691	43	404	0.253	ug/l #	51
20) Methylene Chloride	2.794	84	298	Below Cal	#	61
24) 1,1-Dichloroethane	3.611	63	3207	1.441	ug/l #	92
31) Cyclohexane	5.550	56	2918	1.459	ug/l #	27
36) 1,1-Dichloropropene	5.544	75	10255	5.476	ug/l #	49
38) Carbon Tetrachloride	5.556	117	13205	6.357	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	793	0.476	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35855	22.162	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35855	72.035	ug/l #	6

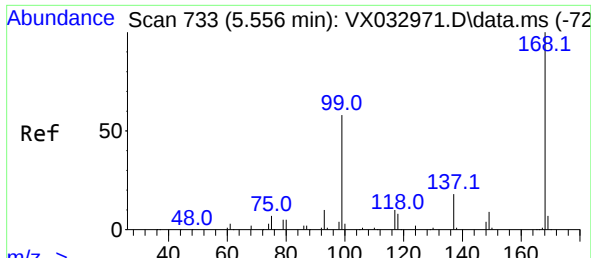
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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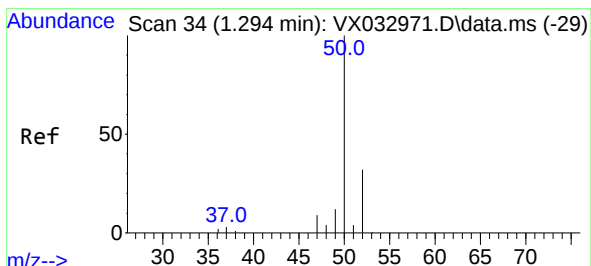
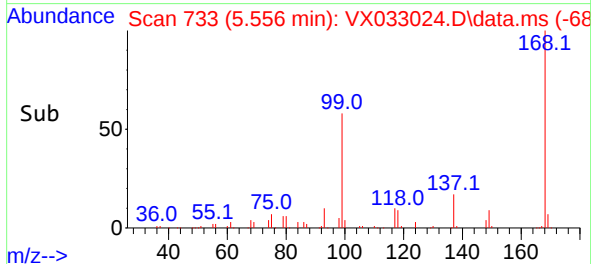
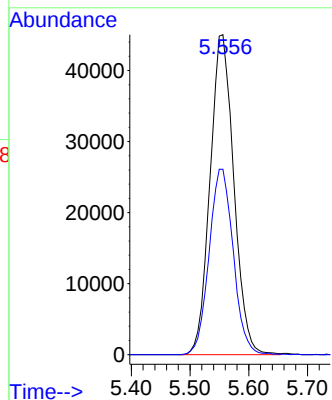
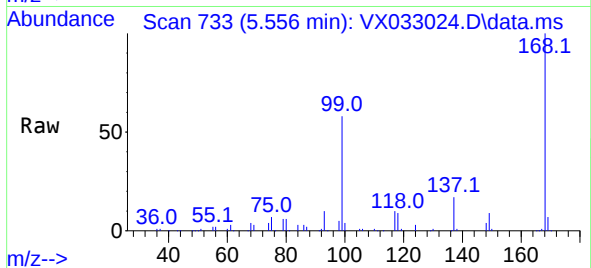




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033024.D
Acq: 23 Nov 2022 16:57

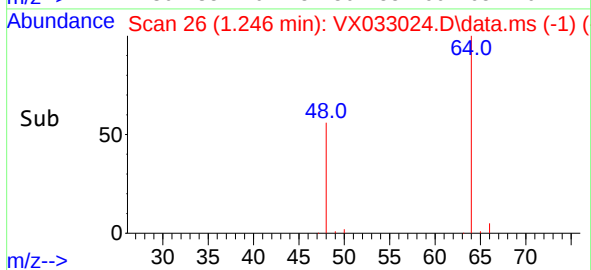
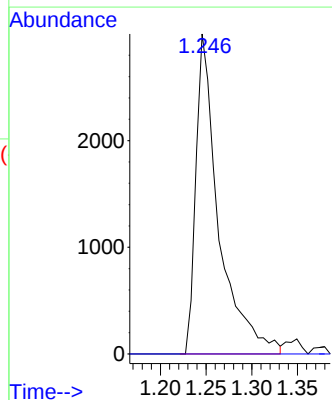
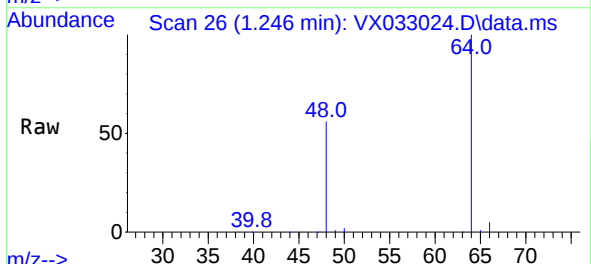
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20221118

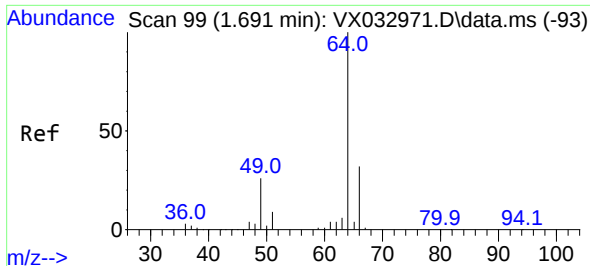
Tgt Ion:168 Resp: 126738
Ion Ratio Lower Upper
168 100
99 58.0 46.1 69.1



#3
Chloromethane
Concen: 4.997 ug/l
RT: 1.246 min Scan# 26
Delta R.T. -0.048 min
Lab File: VX033024.D
Acq: 23 Nov 2022 16:57

Tgt Ion: 50 Resp: 5223
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

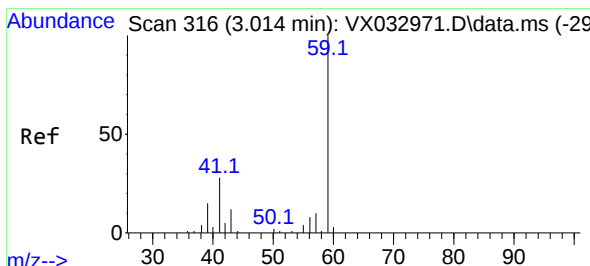
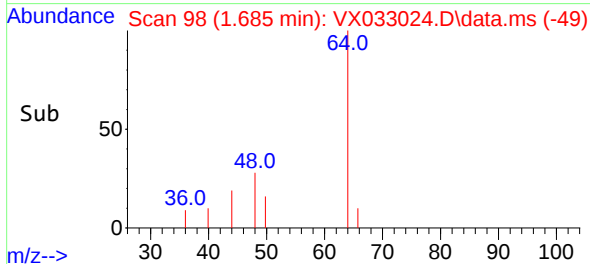
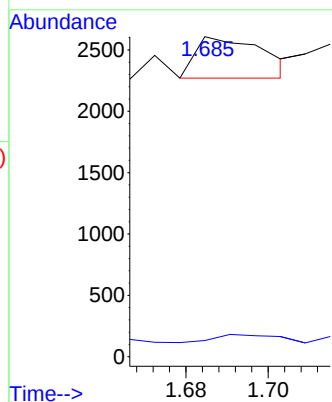
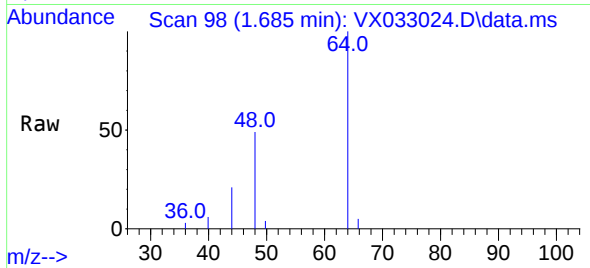




#6
Chloroethane
Concen: 0.407 ug/l
RT: 1.685 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033024.D
Acq: 23 Nov 2022 16:57

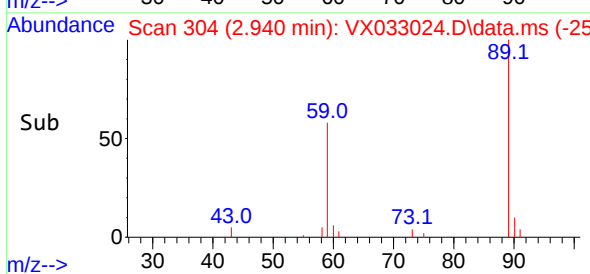
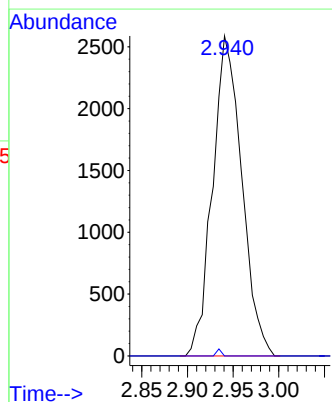
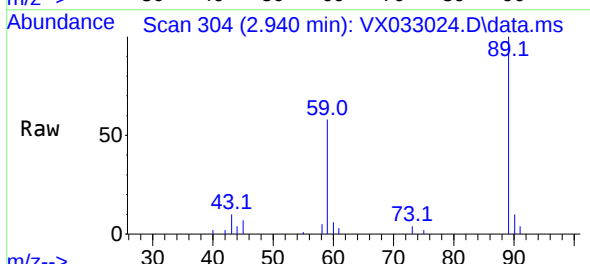
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20221118

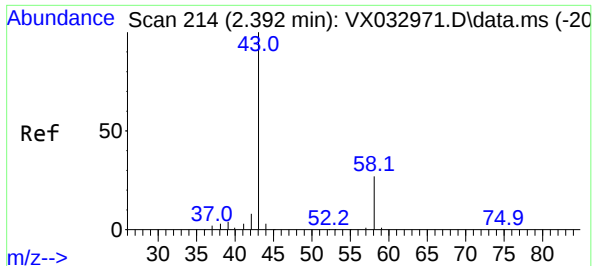
Tgt Ion: 64 Resp: 386
Ion Ratio Lower Upper
64 100
66 5.0 26.0 39.0#



#11
Tert butyl alcohol
Concen: 29.440 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.025 min
Lab File: VX033024.D
Acq: 23 Nov 2022 16:57

Tgt Ion: 59 Resp: 5760
Ion Ratio Lower Upper
59 100
57 0.4 8.2 12.4#

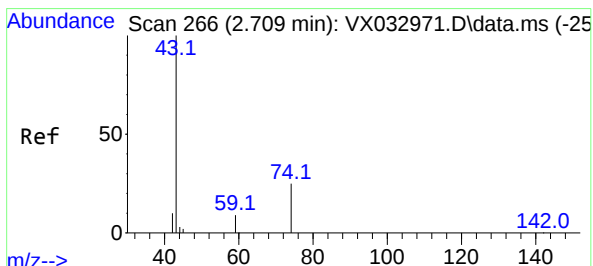
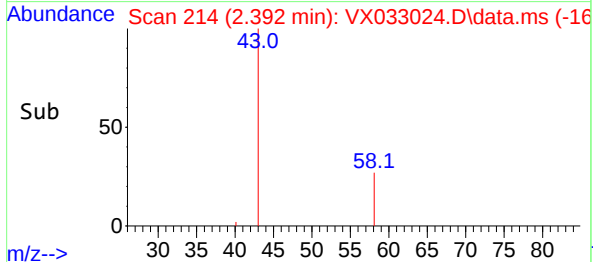
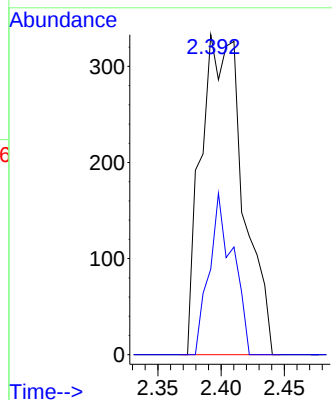
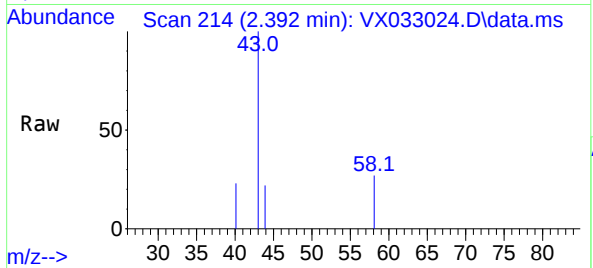




#16
Acetone
Concen: 1.343 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX033024.D
Acq: 23 Nov 2022 16:57

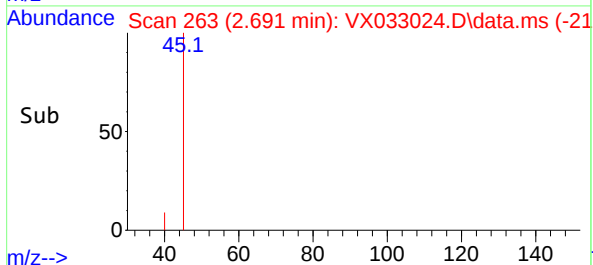
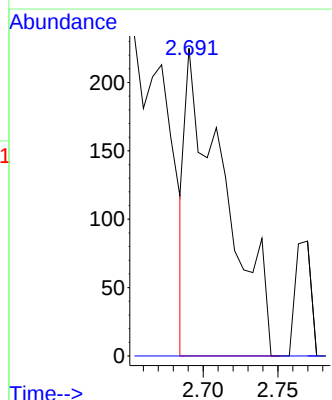
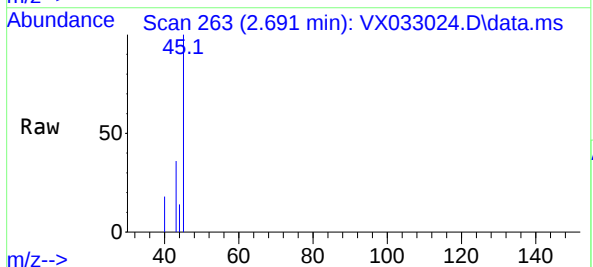
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20221118

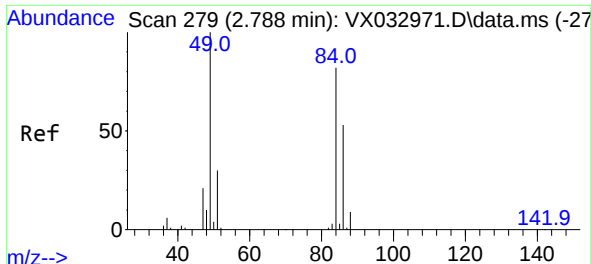
Tgt Ion: 43 Resp: 774
Ion Ratio Lower Upper
43 100
58 26.7 23.8 35.8



#18
Methyl Acetate
Concen: 0.253 ug/l
RT: 2.691 min Scan# 263
Delta R.T. -0.012 min
Lab File: VX033024.D
Acq: 23 Nov 2022 16:57

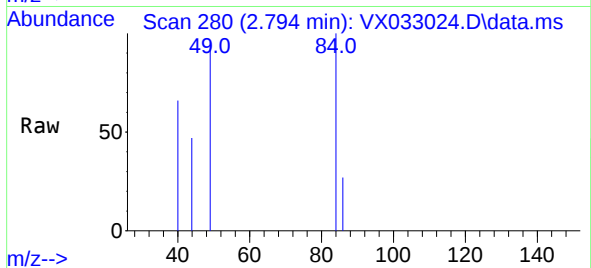
Tgt Ion: 43 Resp: 404
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#



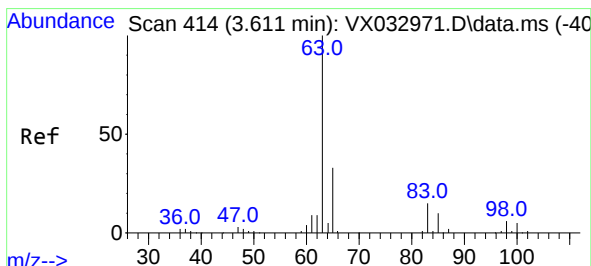
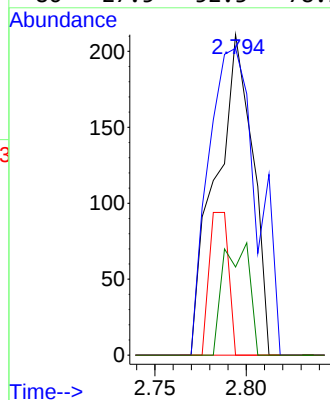
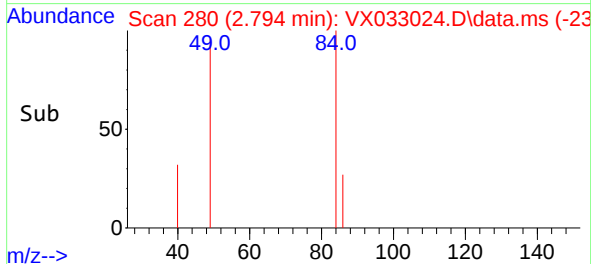


#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX033024.D
Acq: 23 Nov 2022 16:57

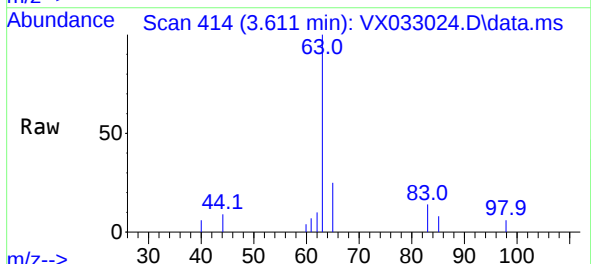
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20221118



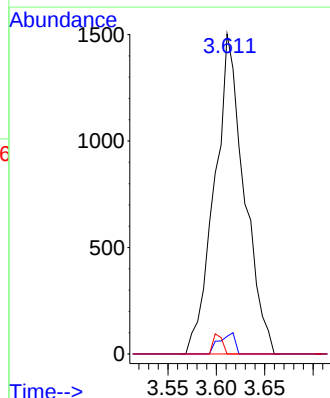
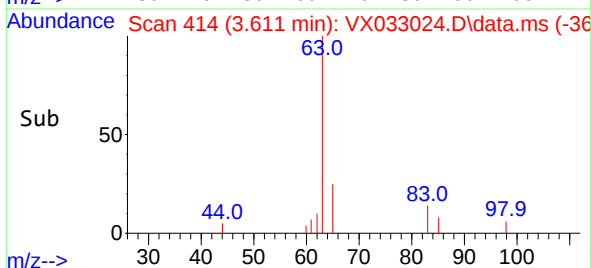
Tgt Ion: 84 Resp: 298
Ion Ratio Lower Upper
84 100
49 95.7 101.0 151.6#
51 0.0 31.1 46.7#
86 27.5 52.3 78.5#

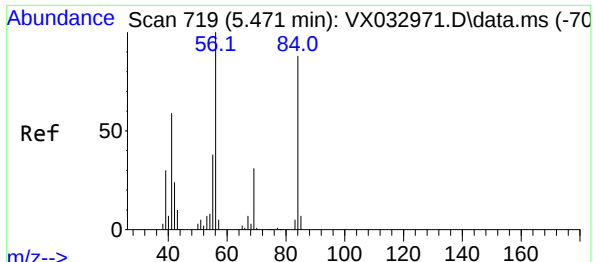


#24
1,1-Dichloroethane
Concen: 1.441 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX033024.D
Acq: 23 Nov 2022 16:57



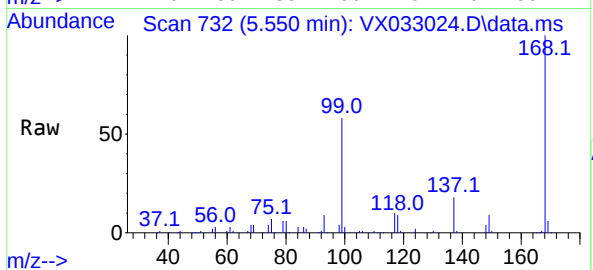
Tgt Ion: 63 Resp: 3207
Ion Ratio Lower Upper
63 100
98 5.5 3.5 10.4
100 0.0 2.3 6.8#



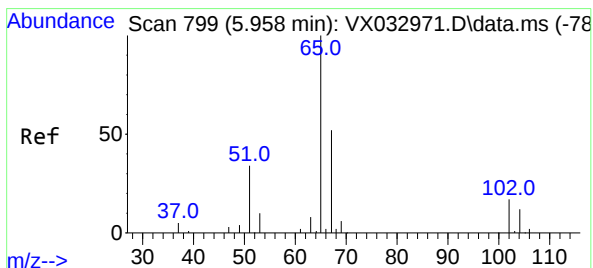
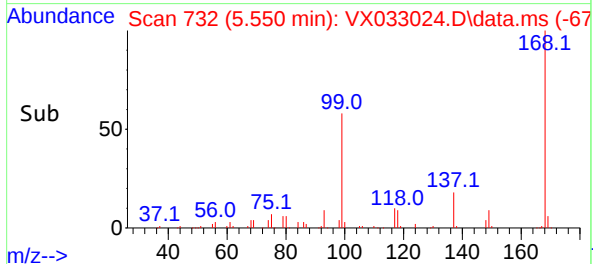
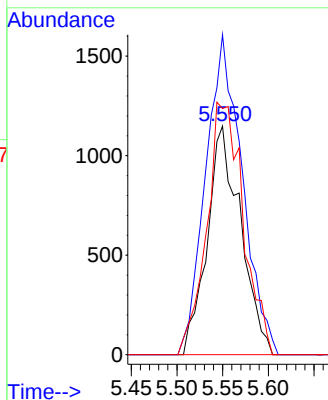


#31
Cyclohexane
Concen: 1.459 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX033024.D
Acq: 23 Nov 2022 16:57

Instrument :
MSVOA_X
ClientSampleId :
DUP06-20221118

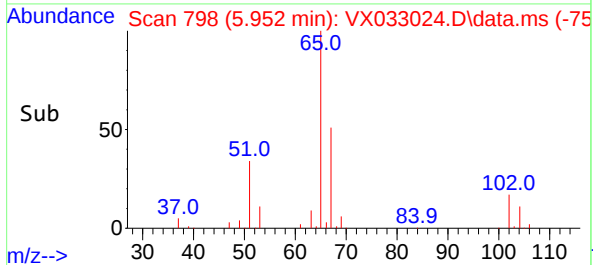
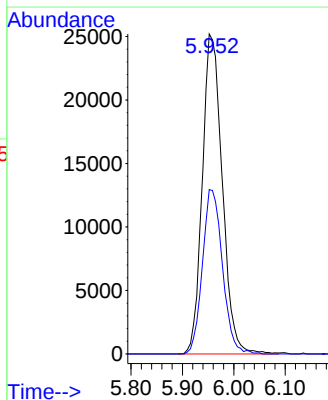
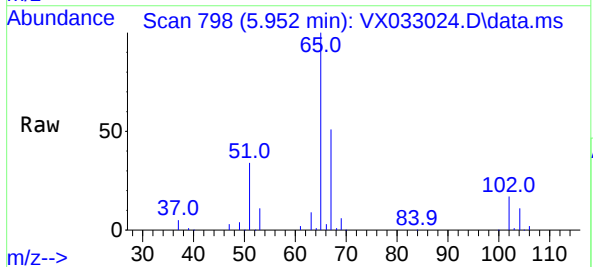


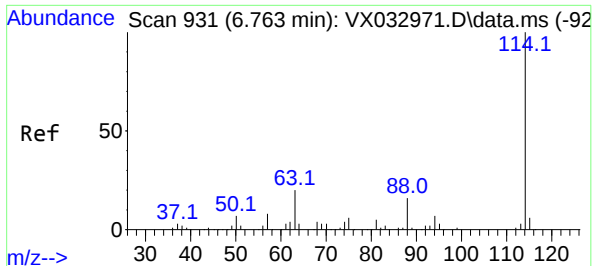
Tgt Ion: 56 Resp: 2918
Ion Ratio Lower Upper
56 100
69 139.9 24.1 36.1#
84 107.7 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 55.178 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033024.D
Acq: 23 Nov 2022 16:57

Tgt Ion: 65 Resp: 67932
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.8



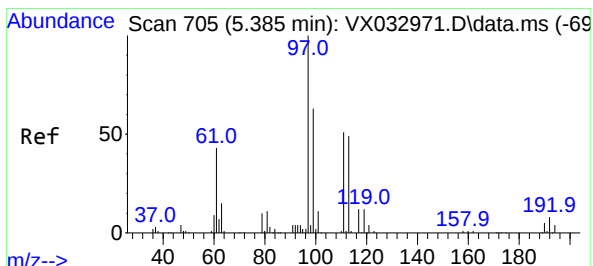
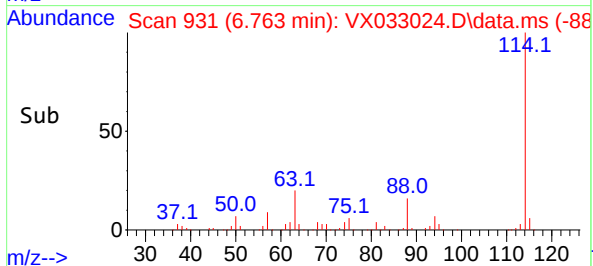
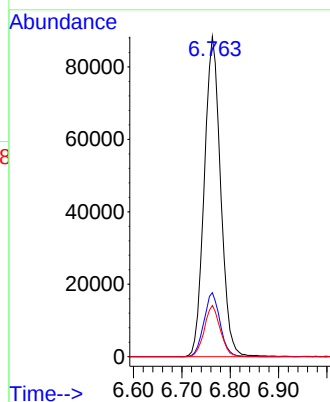
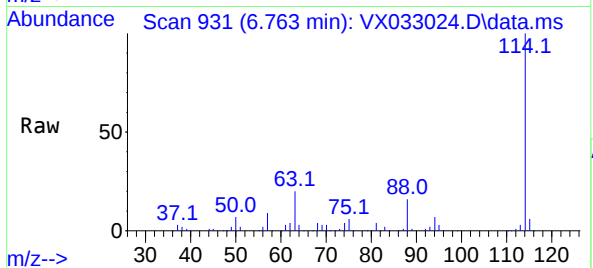


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX033024.D
Acq: 23 Nov 2022 16:57

Instrument :
MSVOA_X
ClientSampleId :
DUP06-20221118

Tgt Ion:114 Resp: 207739

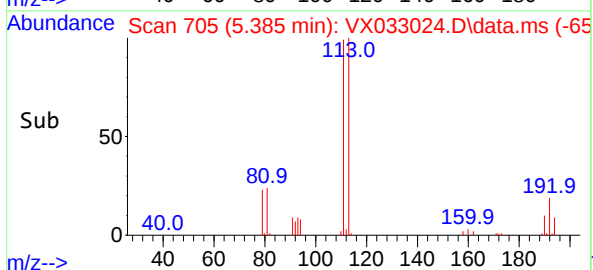
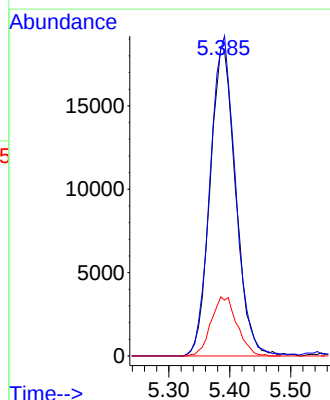
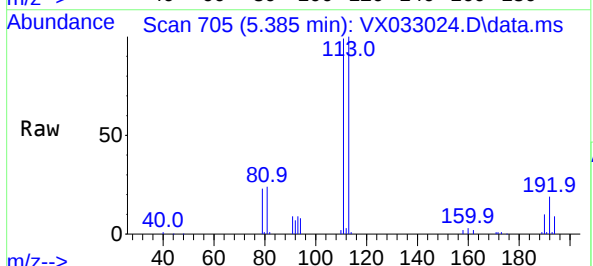
Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	41.6
88	16.0	0.0	33.4

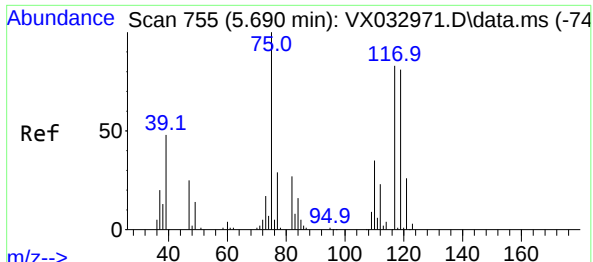


#35
Dibromofluoromethane
Concen: 46.170 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033024.D
Acq: 23 Nov 2022 16:57

Tgt Ion:113 Resp: 54072

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.4	123.6
192	19.4	15.4	23.2

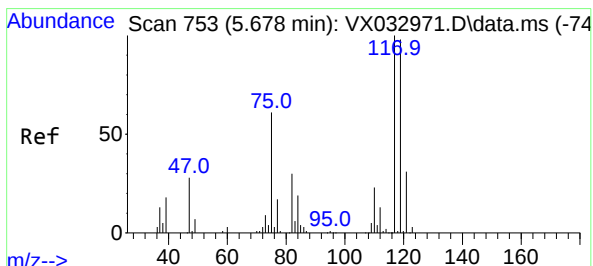
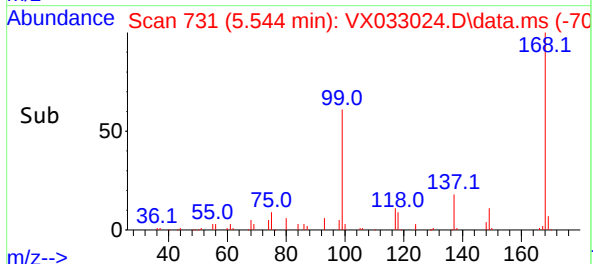
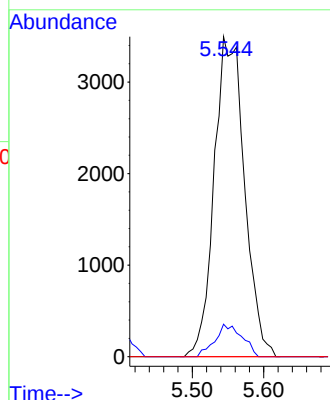
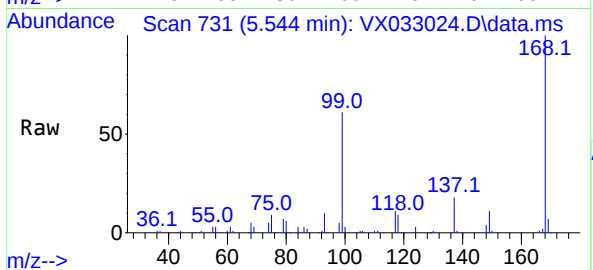




#36
1,1-Dichloropropene
Concen: 5.476 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.152 min
Lab File: VX033024.D
Acq: 23 Nov 2022 16:57

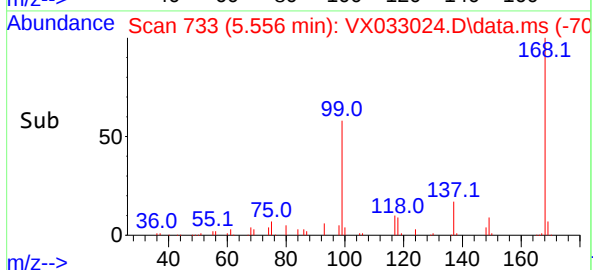
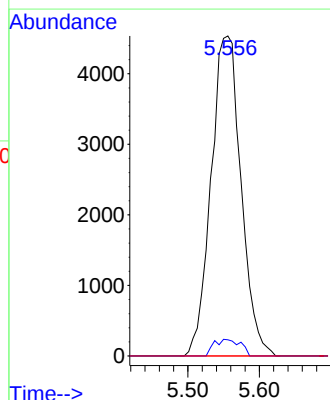
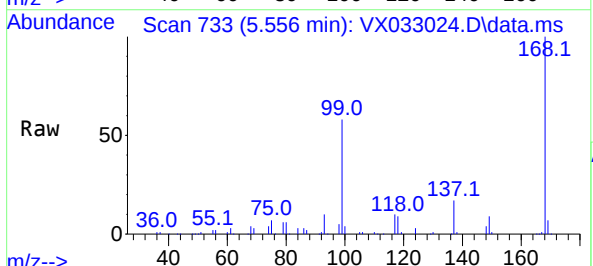
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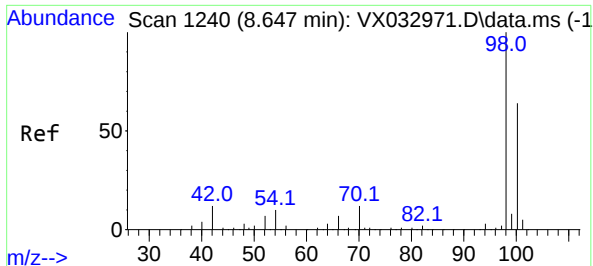
Tgt Ion: 75 Resp: 10255
Ion Ratio Lower Upper
75 100
110 9.1 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.357 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX033024.D
Acq: 23 Nov 2022 16:57

Tgt Ion: 117 Resp: 13205
Ion Ratio Lower Upper
117 100
119 5.0 77.2 115.8#
121 0.0 25.8 38.6#

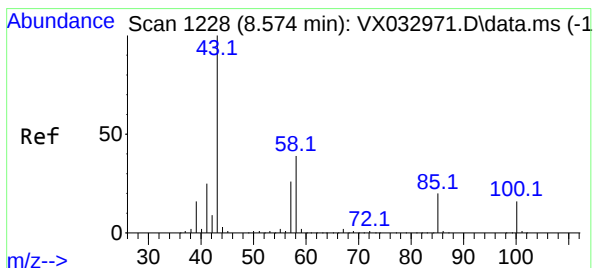
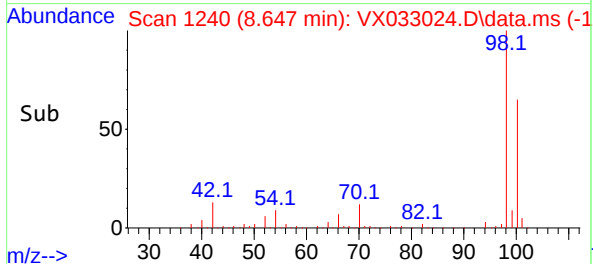
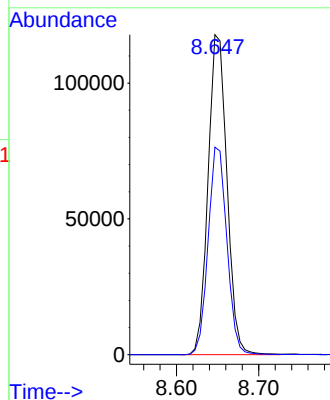
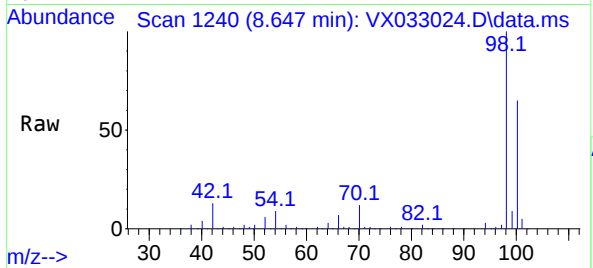




#50
Toluene-d8
Concen: 53.512 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033024.D
Acq: 23 Nov 2022 16:57

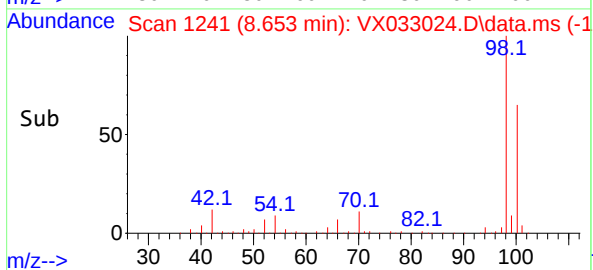
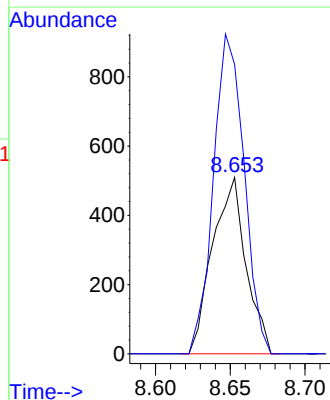
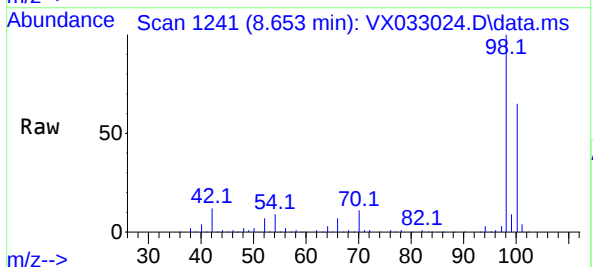
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20221118

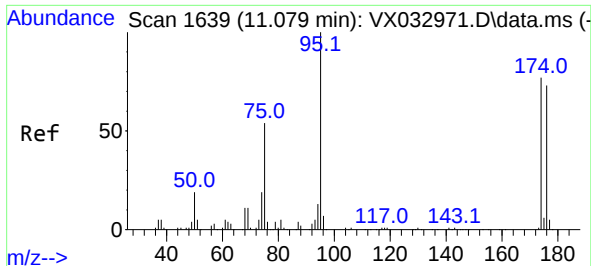
Tgt Ion: 98 Resp: 188031
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.476 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX033024.D
Acq: 23 Nov 2022 16:57

Tgt Ion: 43 Resp: 793
Ion Ratio Lower Upper
43 100
58 166.5 30.9 46.3#

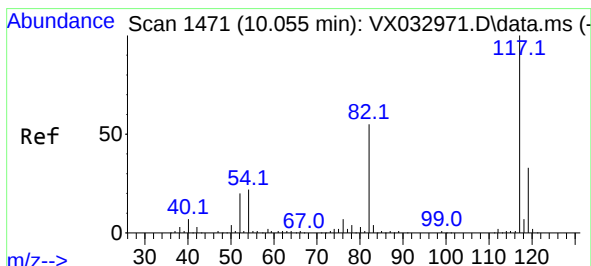
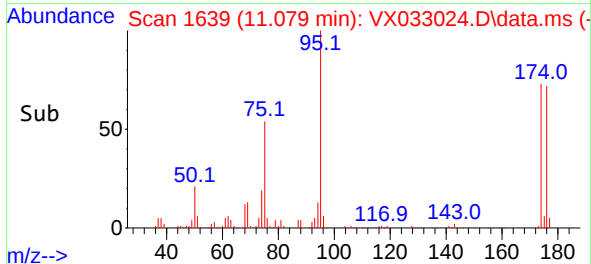
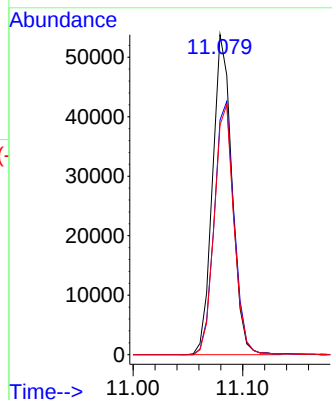
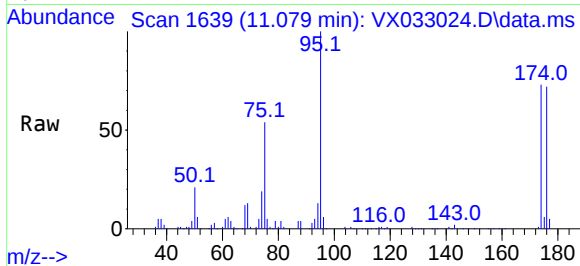




#62
4-Bromofluorobenzene
Concen: 43.002 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033024.D
Acq: 23 Nov 2022 16:57

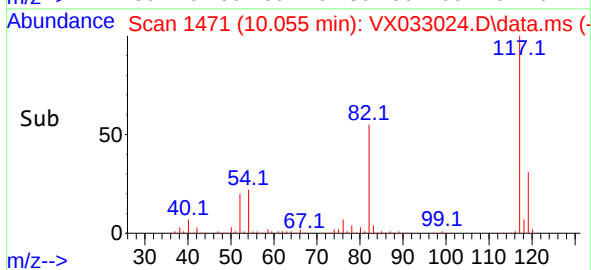
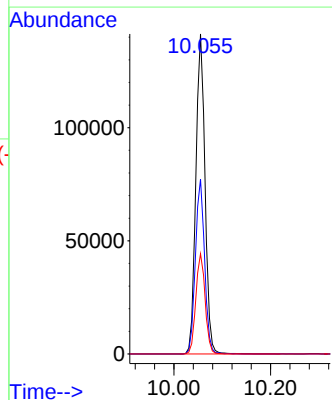
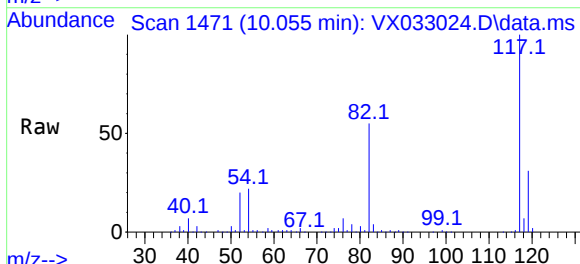
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20221118

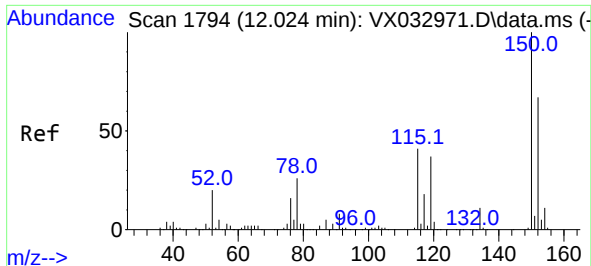
Tgt Ion: 95 Resp: 66156
Ion Ratio Lower Upper
95 100
174 81.4 0.0 164.0
176 79.2 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033024.D
Acq: 23 Nov 2022 16:57

Tgt Ion: 117 Resp: 185520
Ion Ratio Lower Upper
117 100
82 54.7 44.3 66.5
119 31.3 25.7 38.5

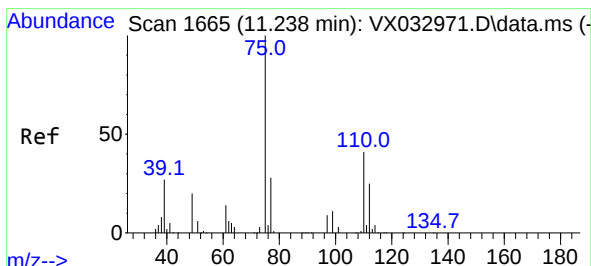
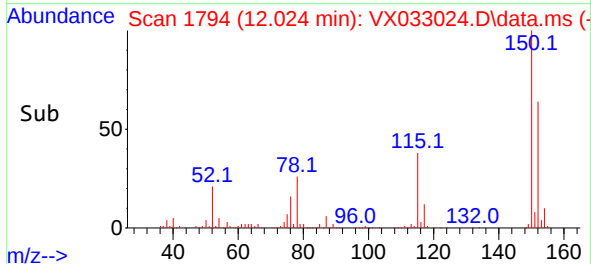
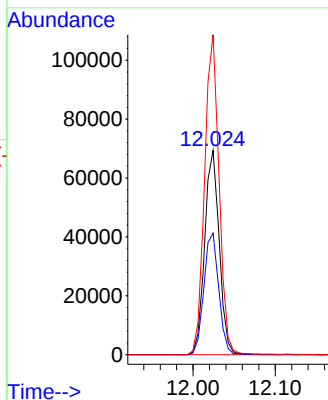
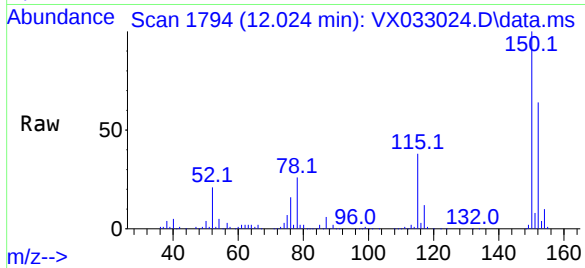




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033024.D
Acq: 23 Nov 2022 16:57

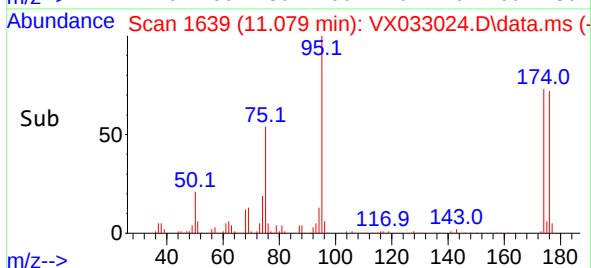
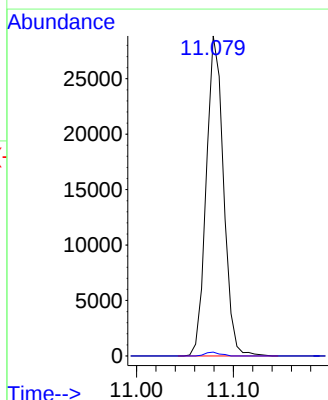
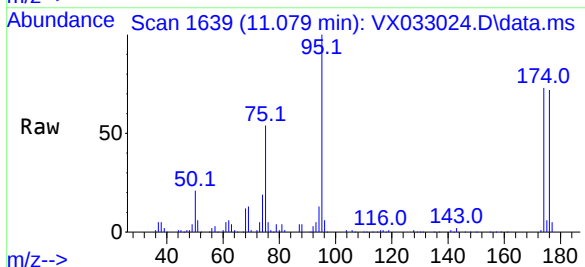
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20221118

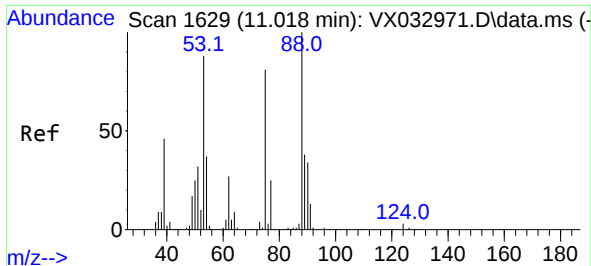
Tgt Ion:152 Resp: 85429
Ion Ratio Lower Upper
152 100
115 60.8 44.0 132.0
150 155.6 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 22.162 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033024.D
Acq: 23 Nov 2022 16:57

Tgt Ion: 75 Resp: 35855
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 72.035 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX033024.D
Acq: 23 Nov 2022 16:57

Instrument :
MSVOA_X
ClientSampleId :
DUP06-20221118

Tgt Ion: 75 Resp: 35855
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

