

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101022\
 Data File : VY010898.D
 Acq On : 10 Oct 2022 18:12
 Operator : KP/MD
 Sample : N5018-03
 Misc : 4.91g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 11 09:45:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

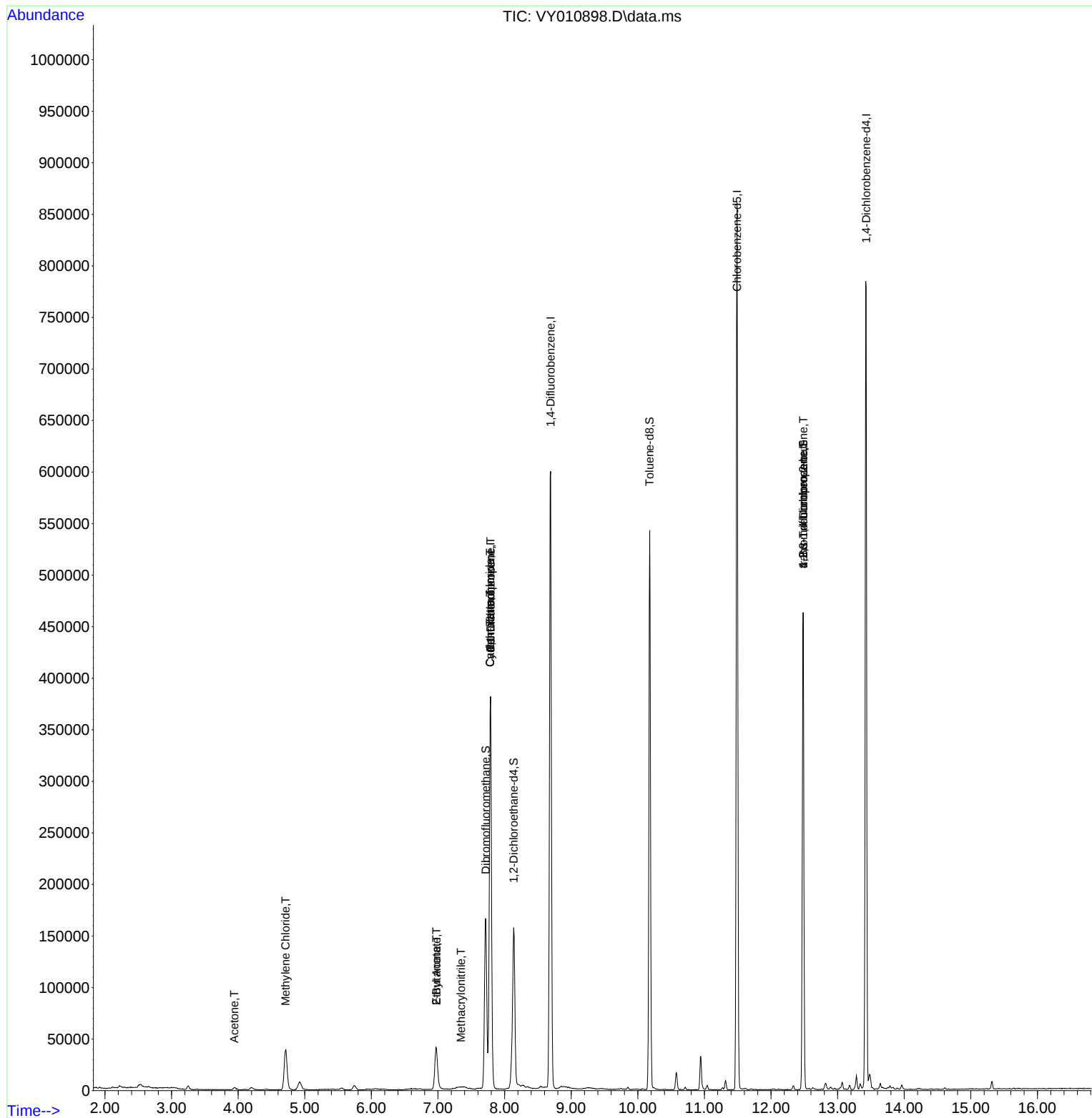
Internal Standards						
1) Pentafluorobenzene	7.789	168	290762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	519435	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	460942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	205604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	109424	37.128	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	74.260%		
35) Dibromofluoromethane	7.715	113	118587	34.393	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	68.780%		
50) Toluene-d8	10.178	98	353665	29.992	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	59.980%		
62) 4-Bromofluorobenzene	12.483	95	141794	29.252	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	58.500%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.923	59	7671	Below Cal	#	77
16) Acetone	3.942	43	4021	5.372	ug/l	92
20) Methylene Chloride	4.710	84	30061	4.405	ug/l	84
25) 2-Butanone	6.978	43	3165	2.941	ug/l	# 86
31) Cyclohexane	7.783	56	5917	1.122	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	23254	4.672	ug/l	# 50
37) Ethyl Acetate	6.978	43	3165	1.296	ug/l	# 9
38) Carbon Tetrachloride	7.783	117	29224	5.637	ug/l	# 17
41) Methacrylonitrile	7.344	41	140	2.674	ug/l	# 1
76) 1,2,3-Trichloropropane	12.483	75	72243	34.697	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	72243	72.478	ug/l	# 7

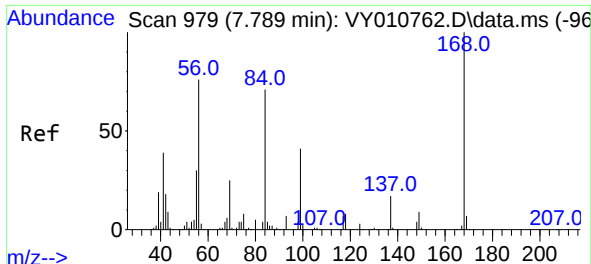
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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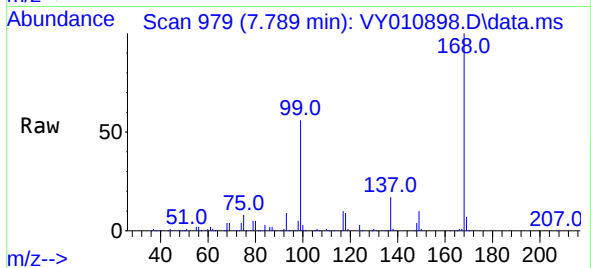
Quant Time: Oct 11 09:45:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 07:26:22 2022
Response via : Initial Calibration



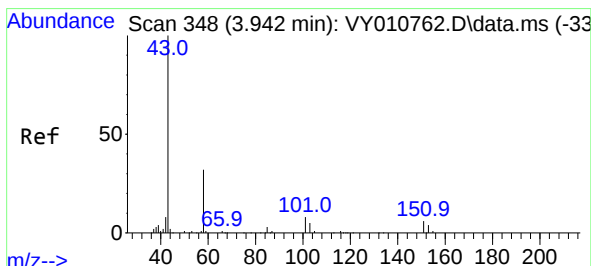
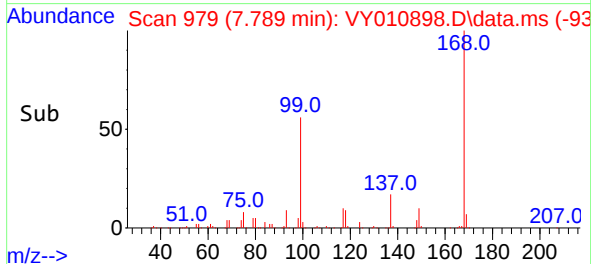
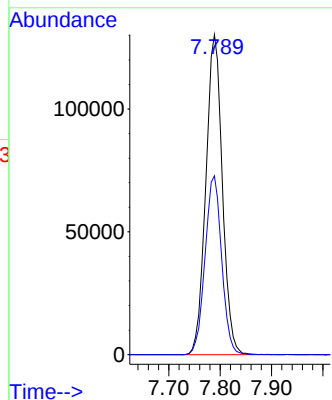


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010898.D
Acq: 10 Oct 2022 18:12

Instrument :
MSVOA_Y
ClientSampleId :

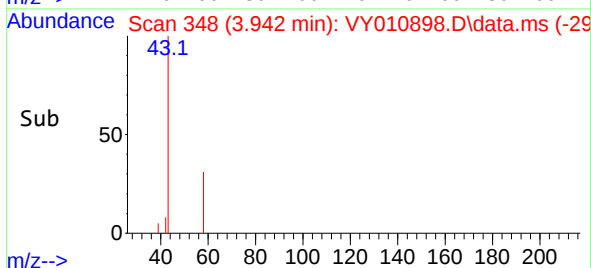
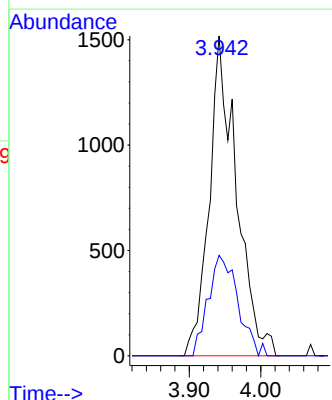
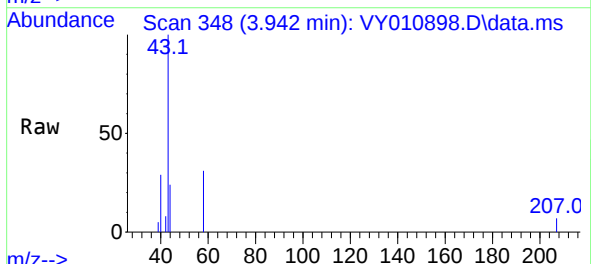


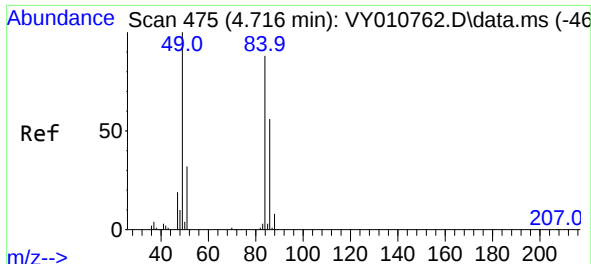
Tgt Ion:168 Resp: 290762
Ion Ratio Lower Upper
168 100
99 55.9 46.9 70.3



#16
Acetone
Concen: 5.372 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY010898.D
Acq: 10 Oct 2022 18:12

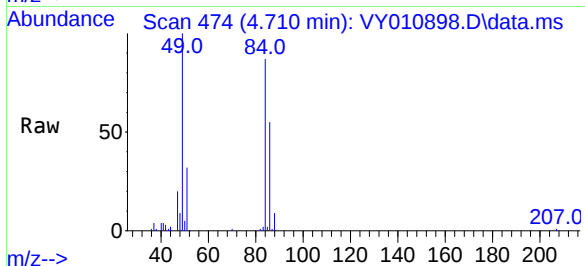
Tgt Ion: 43 Resp: 4021
Ion Ratio Lower Upper
43 100
58 31.4 22.0 33.0





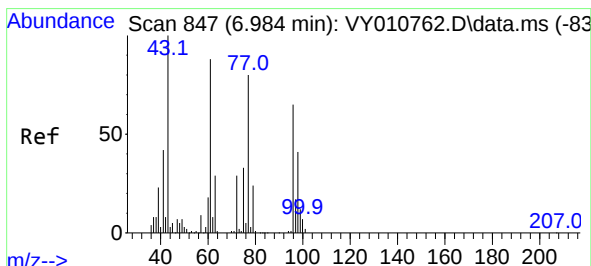
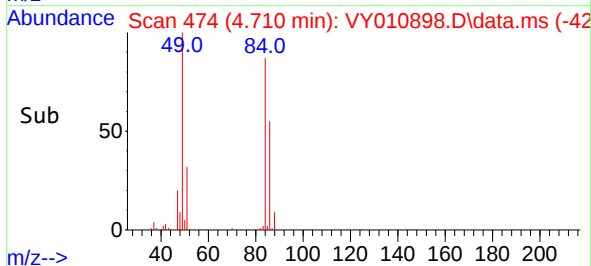
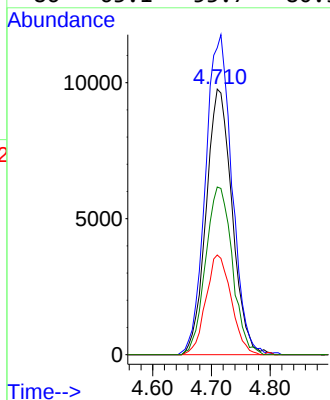
#20
Methylene Chloride
Concen: 4.405 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010898.D
Acq: 10 Oct 2022 18:12

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 30061

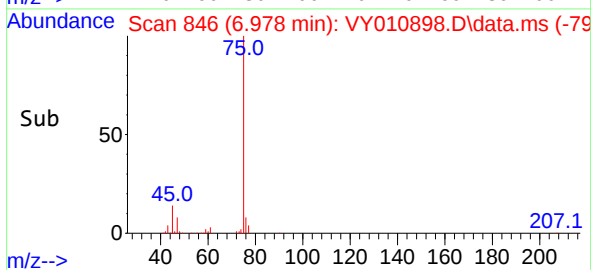
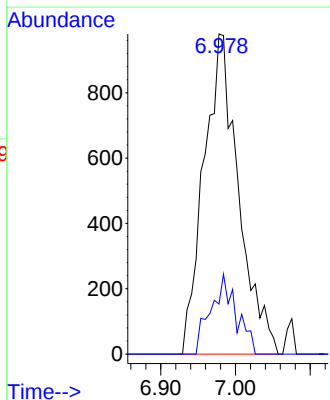
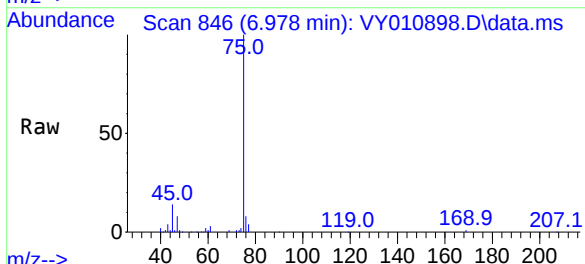
Ion	Ratio	Lower	Upper
84	100		
49	115.5	114.4	171.6
51	37.5	35.3	52.9
86	63.1	53.7	80.5

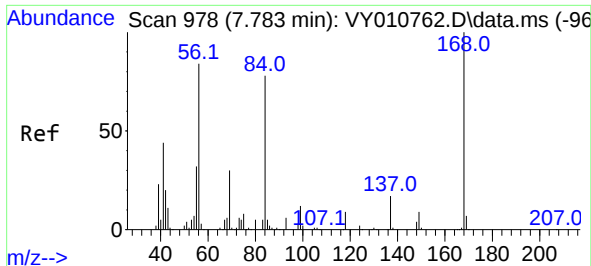


#25
2-Butanone
Concen: 2.941 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY010898.D
Acq: 10 Oct 2022 18:12

Tgt Ion: 43 Resp: 3165

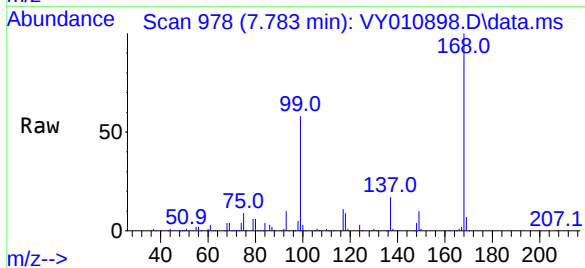
Ion	Ratio	Lower	Upper
43	100		
72	15.6	17.7	26.5#



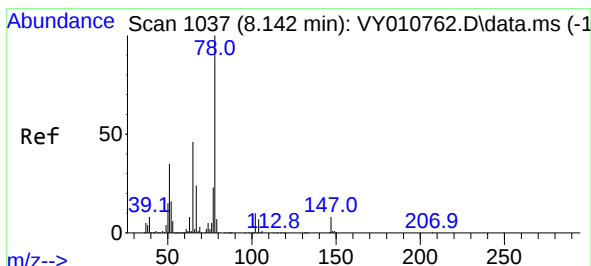
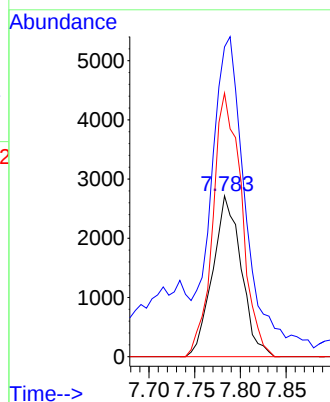
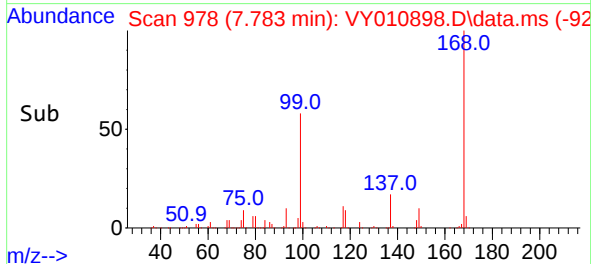


#31
Cyclohexane
Concen: 1.122 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010898.D
Acq: 10 Oct 2022 18:12

Instrument :
MSVOA_Y
ClientSampleId :

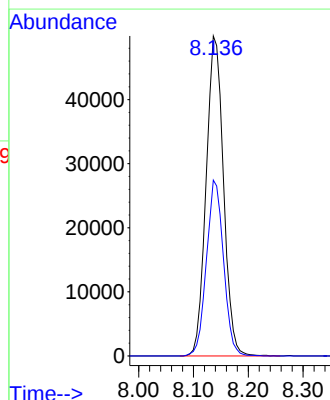
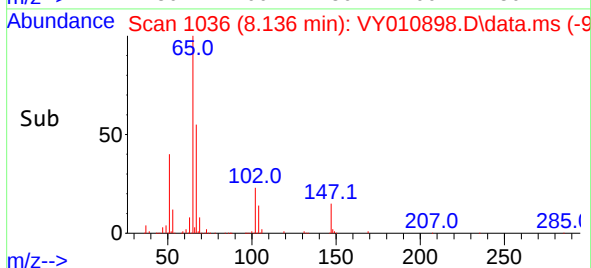
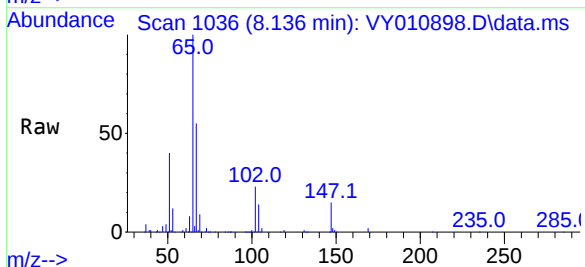


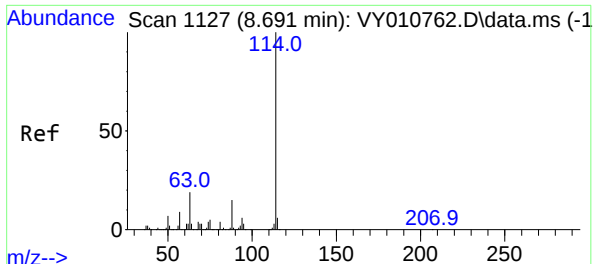
Tgt Ion: 56 Resp: 5917
Ion Ratio Lower Upper
56 100
69 175.6 26.7 40.1#
84 163.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 37.128 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010898.D
Acq: 10 Oct 2022 18:12

Tgt Ion: 65 Resp: 109424
Ion Ratio Lower Upper
65 100
67 54.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY010898.D

Acq: 10 Oct 2022 18:12

Instrument :

MSVOA_Y

ClientSampleId :

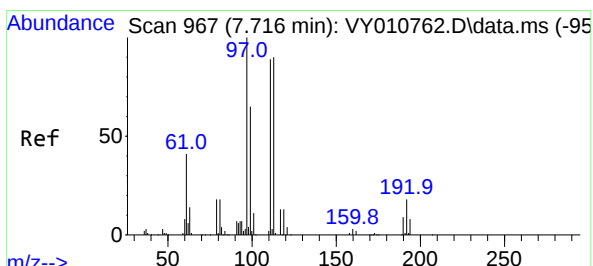
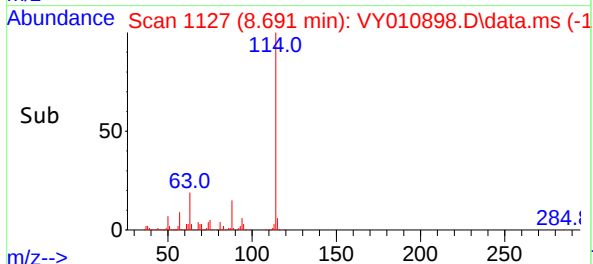
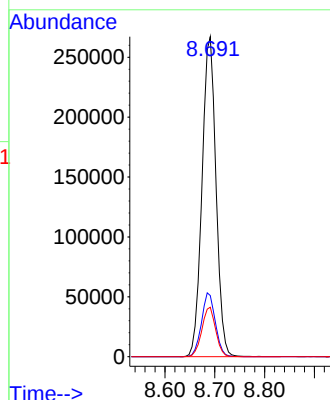
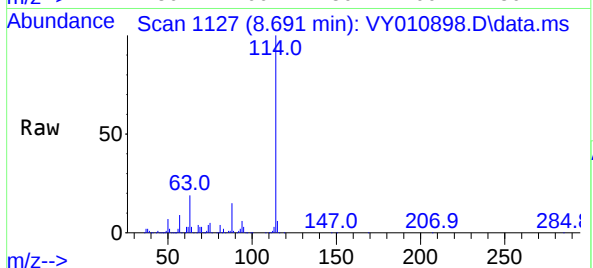
Tgt Ion:114 Resp: 519435

Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 34.393 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY010898.D

Acq: 10 Oct 2022 18:12

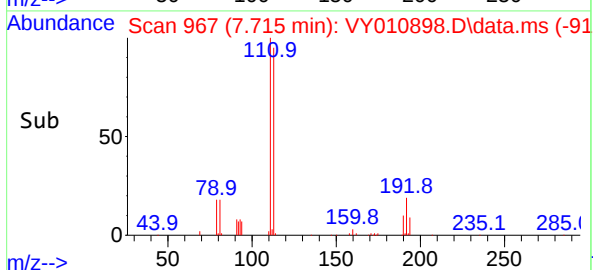
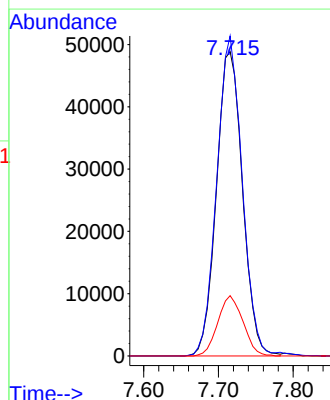
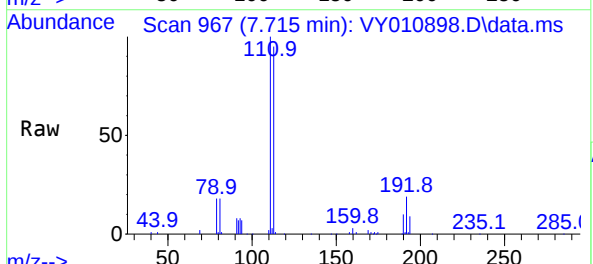
Tgt Ion:113 Resp: 118587

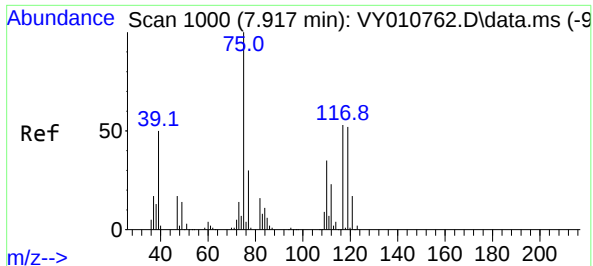
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 19.1 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.672 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

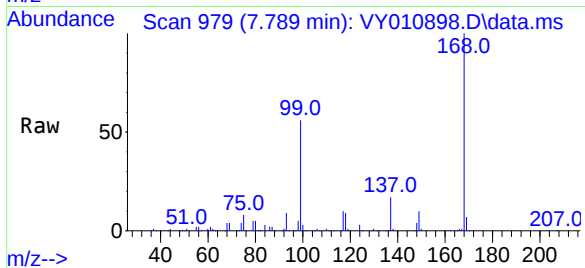
Lab File: VY010898.D

Acq: 10 Oct 2022 18:12

Instrument :

MSVOA_Y

ClientSampleId :



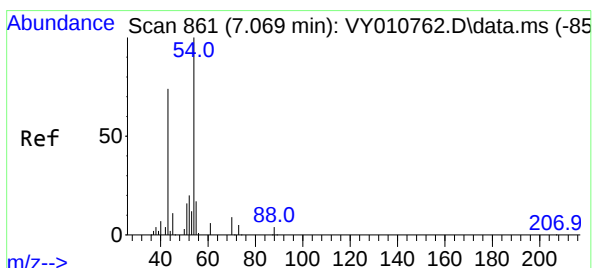
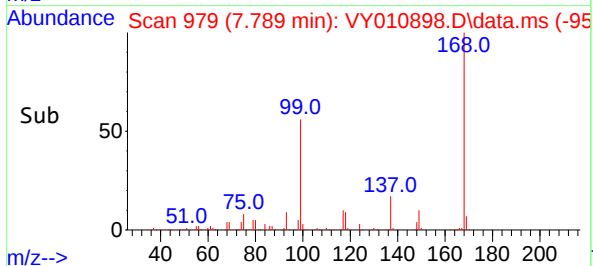
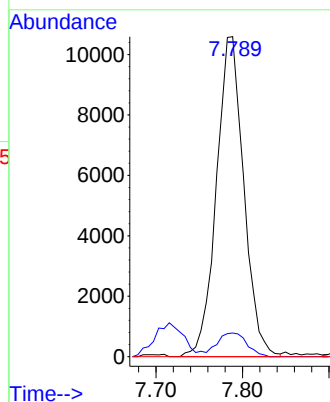
Tgt Ion: 75 Resp: 23254

Ion Ratio Lower Upper

75 100

110 7.9 17.1 51.2#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 1.296 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.091 min

Lab File: VY010898.D

Acq: 10 Oct 2022 18:12

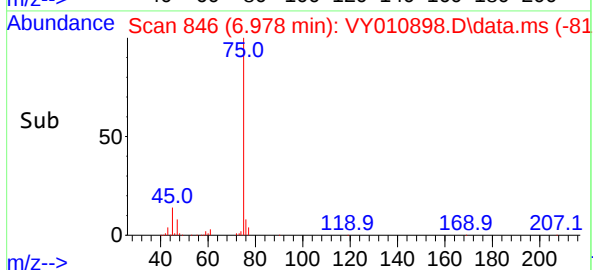
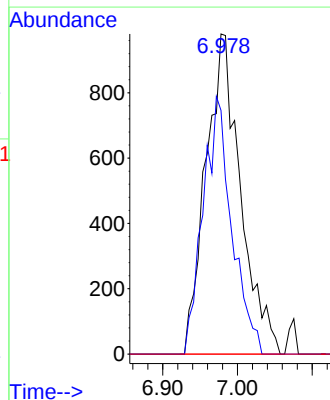
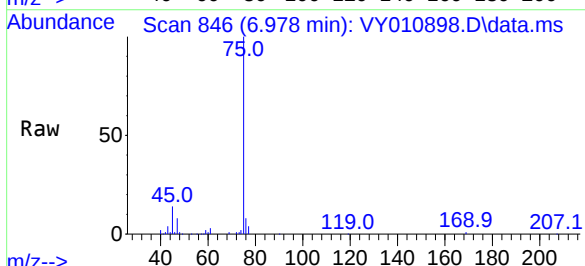
Tgt Ion: 43 Resp: 3165

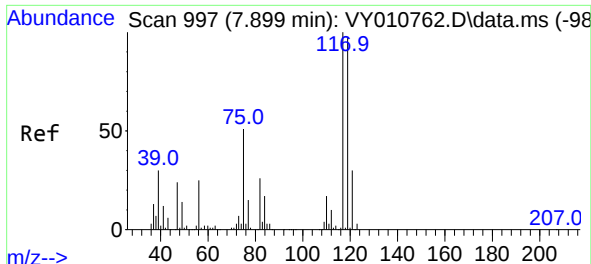
Ion Ratio Lower Upper

43 100

61 66.6 9.7 14.5#

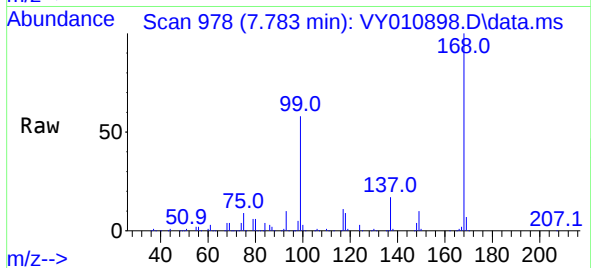
70 0.0 7.1 10.7#



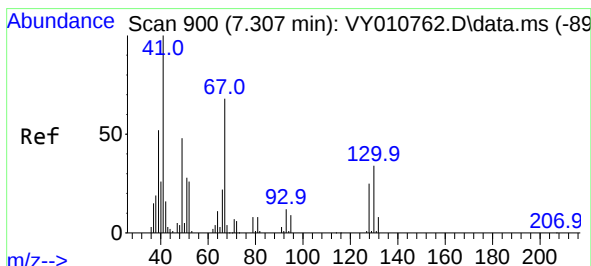
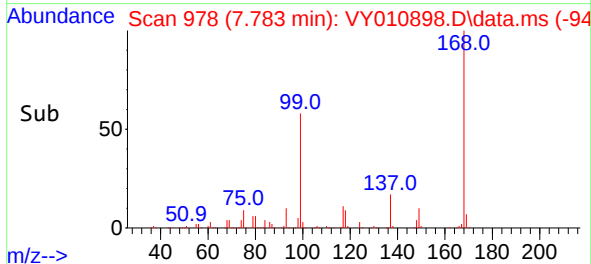
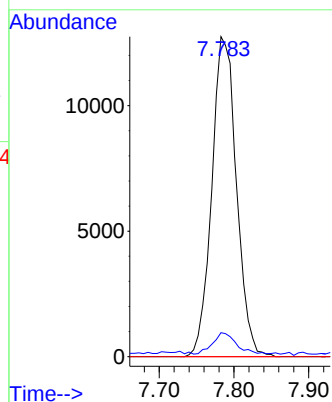


#38
Carbon Tetrachloride
Concen: 5.637 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY010898.D
Acq: 10 Oct 2022 18:12

Instrument :
MSVOA_Y
ClientSampleId :

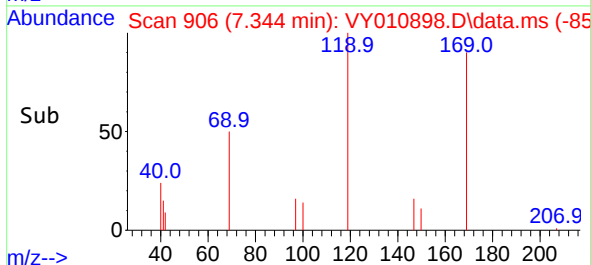
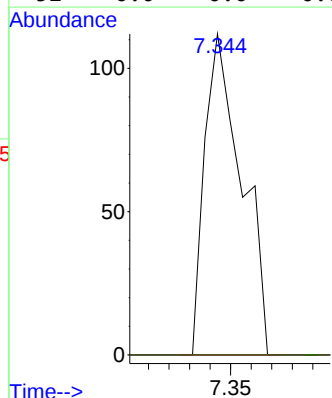
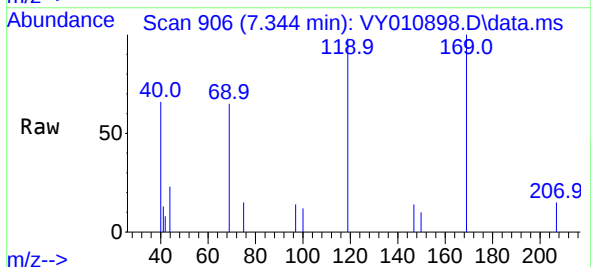


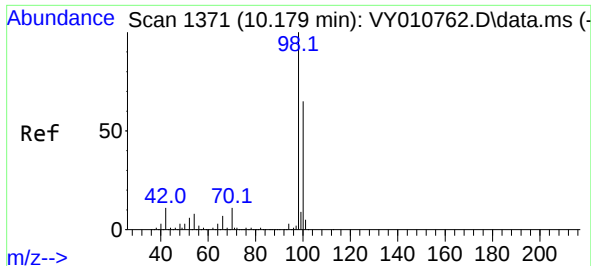
Tgt Ion:117 Resp: 29224
Ion Ratio Lower Upper
117 100
119 6.7 77.9 116.9#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 2.674 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY010898.D
Acq: 10 Oct 2022 18:12

Tgt Ion: 41 Resp: 140
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

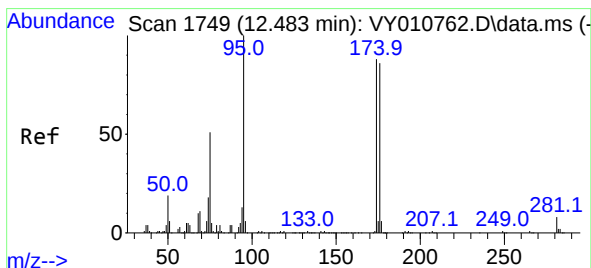
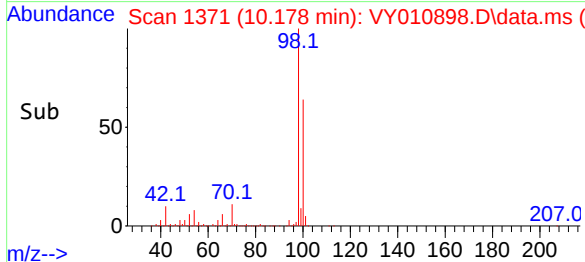
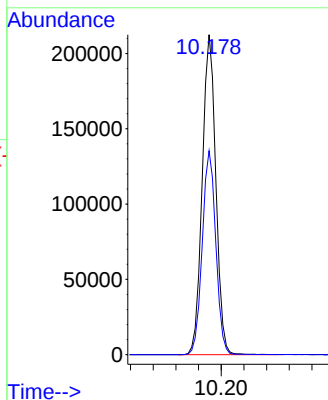
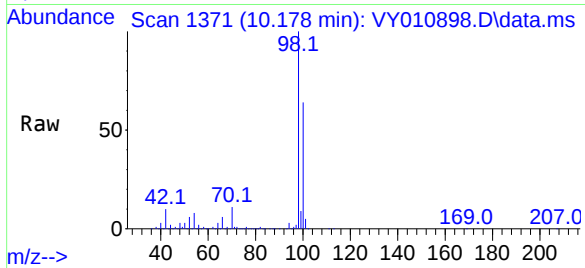




#50
Toluene-d8
Concen: 29.992 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010898.D
Acq: 10 Oct 2022 18:12

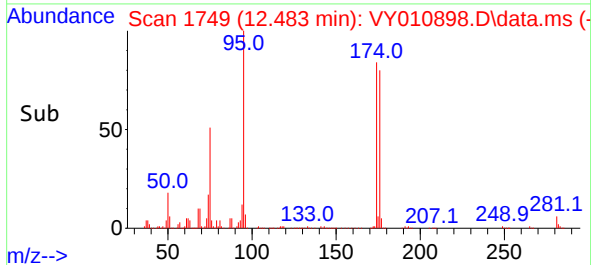
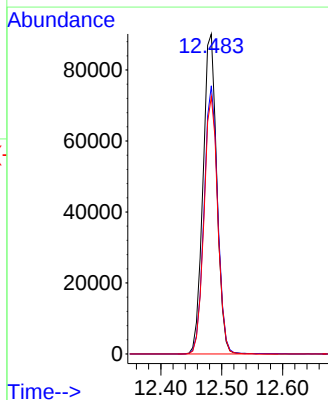
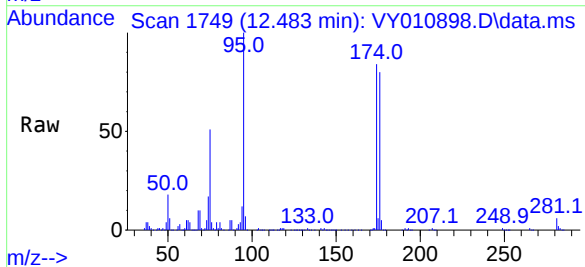
Instrument :
MSVOA_Y
ClientSampleId :

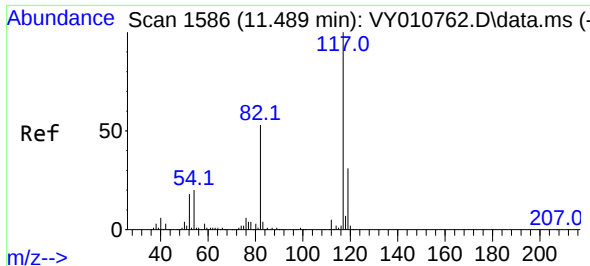
Tgt Ion: 98 Resp: 353665
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 29.252 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY010898.D
Acq: 10 Oct 2022 18:12

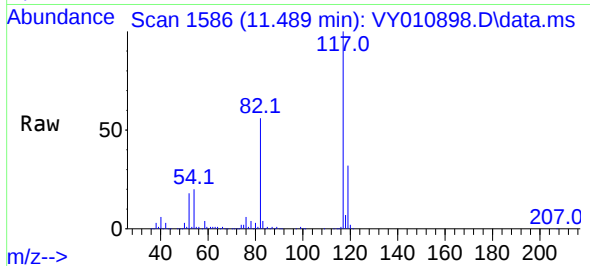
Tgt Ion: 95 Resp: 141794
Ion Ratio Lower Upper
95 100
174 83.3 0.0 177.0
176 80.0 0.0 175.8



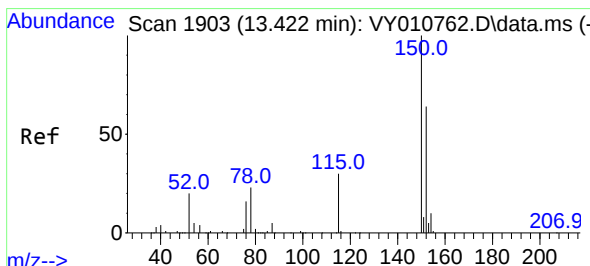
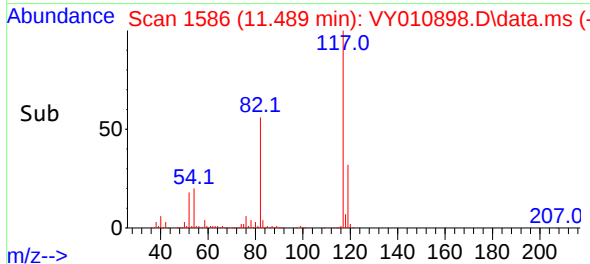
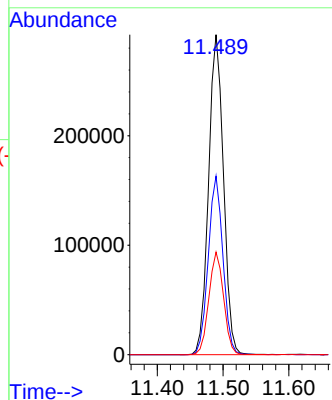


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY010898.D
Acq: 10 Oct 2022 18:12

Instrument :
MSVOA_Y
ClientSampleId :

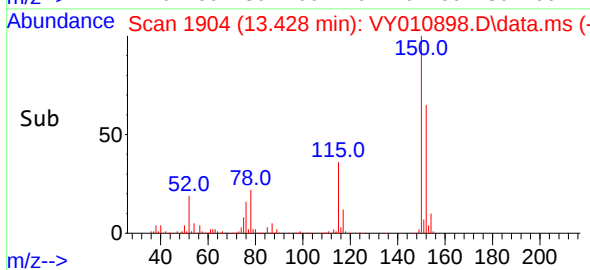
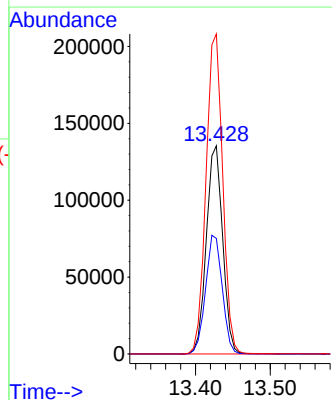
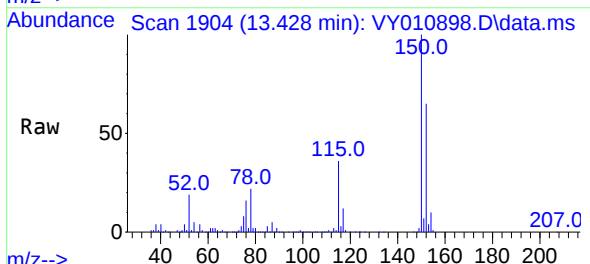


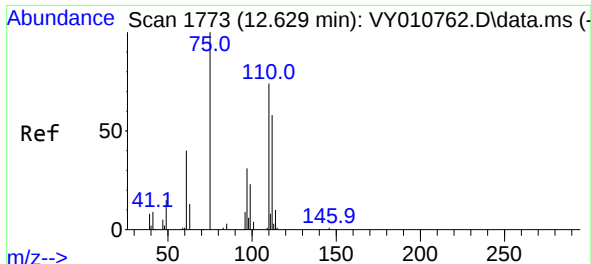
Tgt Ion:117 Resp: 460942
Ion Ratio Lower Upper
117 100
82 55.8 43.0 64.4
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010898.D
Acq: 10 Oct 2022 18:12

Tgt Ion:152 Resp: 205604
Ion Ratio Lower Upper
152 100
115 58.3 28.2 84.7
150 156.7 0.0 347.6

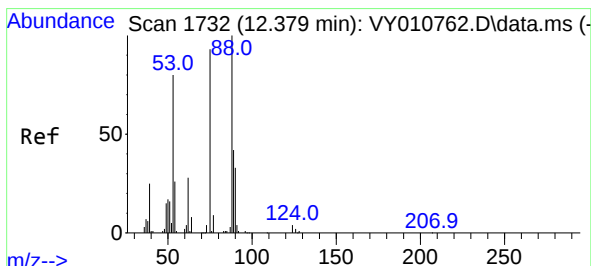
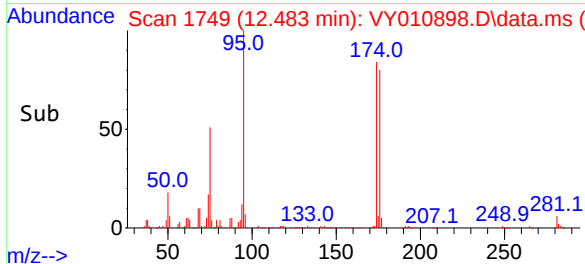
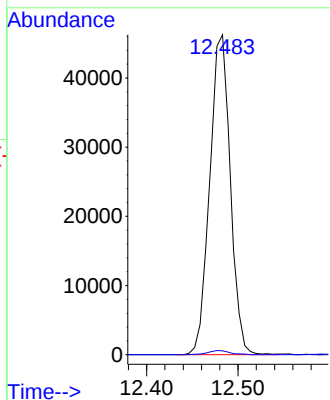
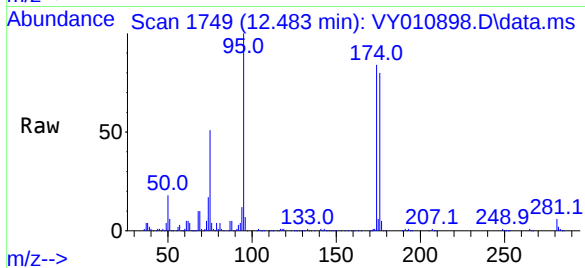




#76
1,2,3-Trichloropropane
Concen: 34.697 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY010898.D
Acq: 10 Oct 2022 18:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 72243
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.478 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY010898.D
Acq: 10 Oct 2022 18:12

Tgt Ion: 75 Resp: 72243
Ion Ratio Lower Upper
75 100
53 0.3 85.3 127.9#
89 0.1 37.0 55.4#

