

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102524\
 Data File : VY020018.D
 Acq On : 25 Oct 2024 11:46
 Operator : SY/MD
 Sample : VW1025SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 26 00:18:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

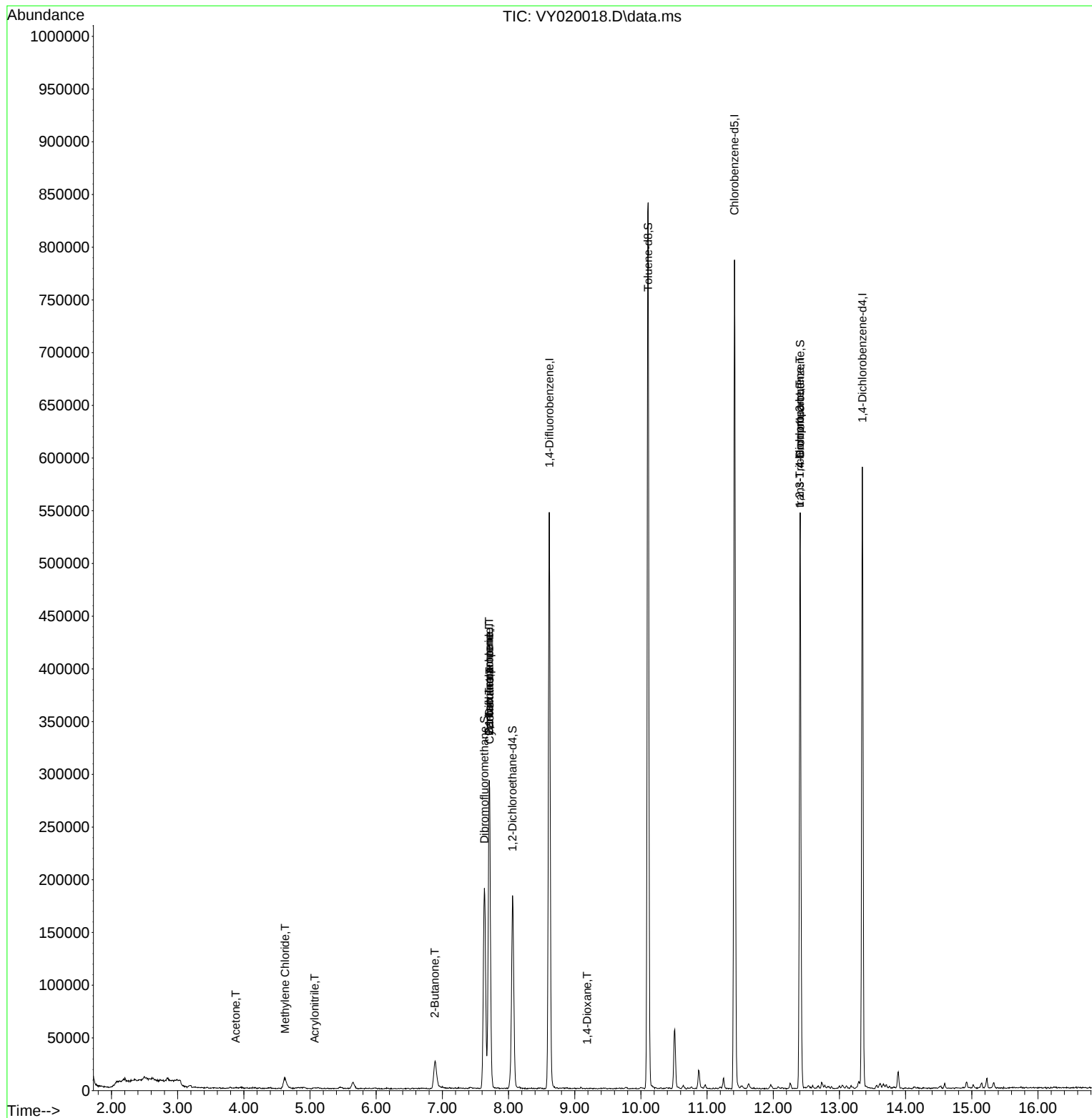
Internal Standards						
1) Pentafluorobenzene	7.707	168	205128	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	420680	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	378794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	129643	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	138429	54.808	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.620%	
35) Dibromofluoromethane	7.634	113	135627	48.857	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.720%	
50) Toluene-d8	10.109	98	524804	51.193	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.380%	
62) 4-Bromofluorobenzene	12.408	95	155192	41.897	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 83.800%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.848	59	762	Below Cal	#	88
15) Acrylonitrile	5.067	53	727	1.285	ug/l #	57
16) Acetone	3.879	43	1715	2.608	ug/l #	53
20) Methylene Chloride	4.622	84	6941	2.084	ug/l #	89
25) 2-Butanone	6.884	43	1713	1.946	ug/l #	67
31) Cyclohexane	7.713	56	6267	1.485	ug/l #	34
36) 1,1-Dichloropropene	7.707	75	20973	5.244	ug/l #	49
38) Carbon Tetrachloride	7.707	117	23351	5.446	ug/l #	17
49) 1,4-Dioxane	9.189	88	29	1.565	ug/l #	20
76) 1,2,3-Trichloropropane	12.401	75	91034	35.844	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	91034	144.682	ug/l #	16

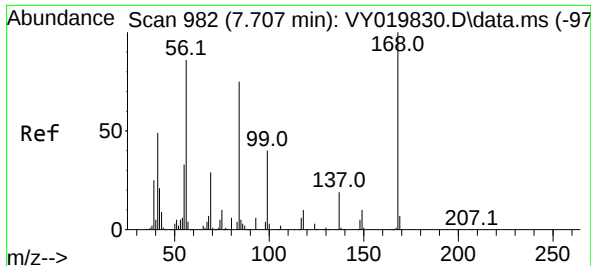
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102524\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 16 05:44:48 2024
Response via : Initial Calibration

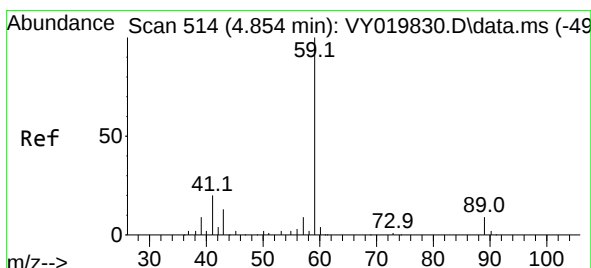
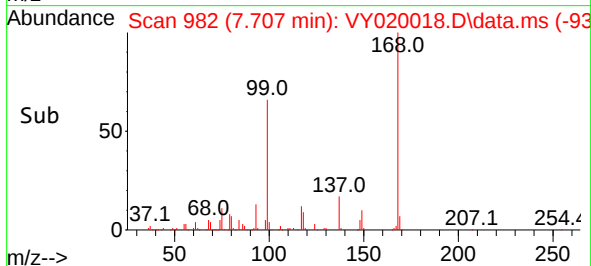
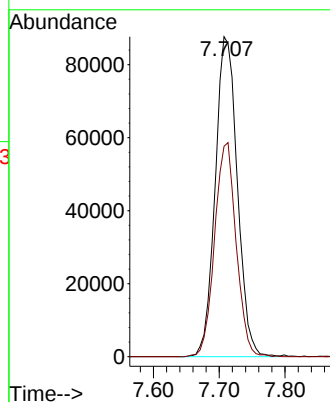
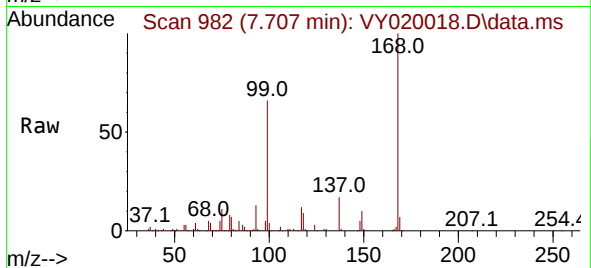




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020018.D
Acq: 25 Oct 2024 11:46

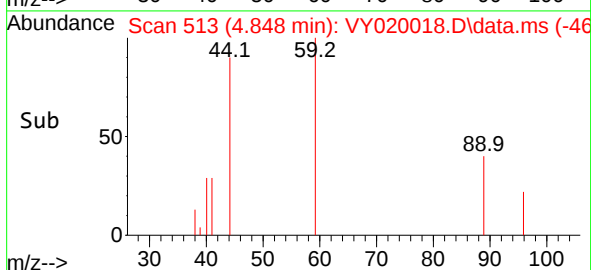
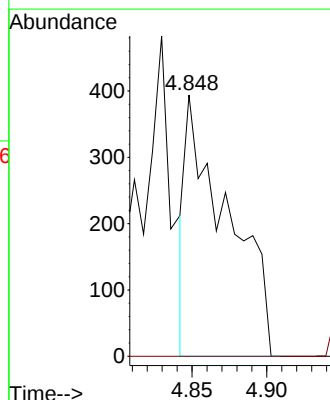
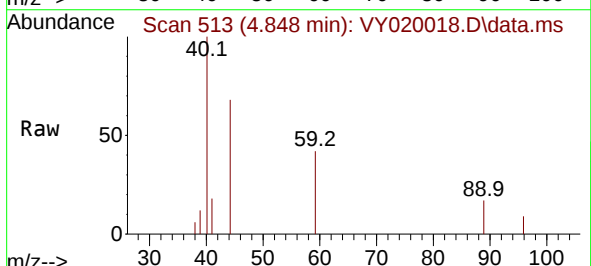
Instrument :
MSVOA_Y
ClientSampleId :

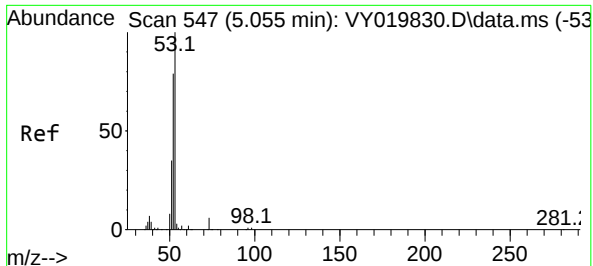
Tgt Ion:168 Resp: 205128
Ion Ratio Lower Upper
168 100
99 65.8 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.848 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY020018.D
Acq: 25 Oct 2024 11:46

Tgt Ion: 59 Resp: 762
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

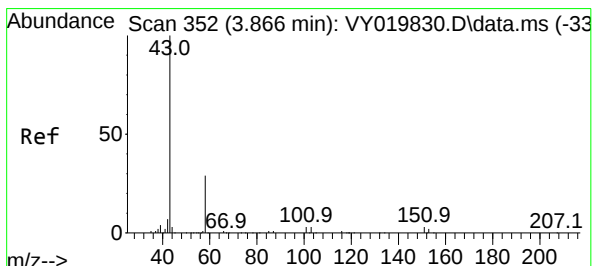
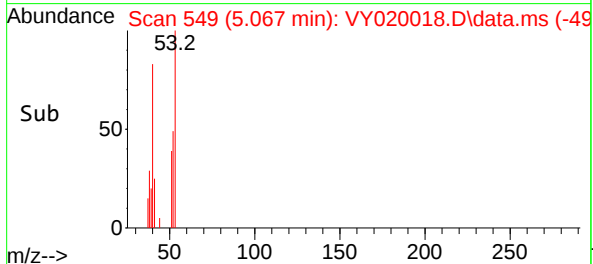
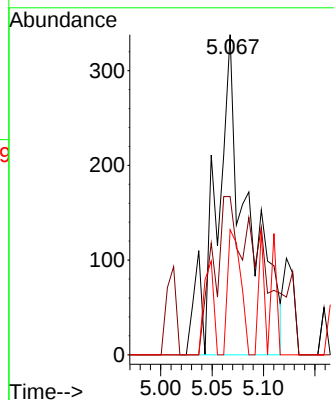
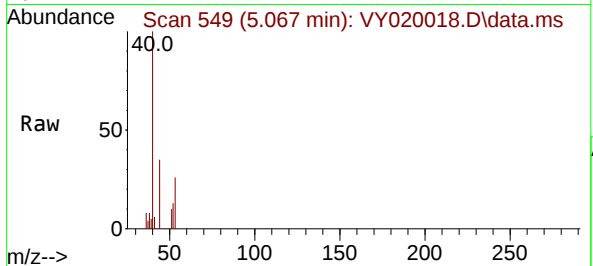




#15
Acrylonitrile
Concen: 1.285 ug/l
RT: 5.067 min Scan# 547
Delta R.T. 0.013 min
Lab File: VY020018.D
Acq: 25 Oct 2024 11:46

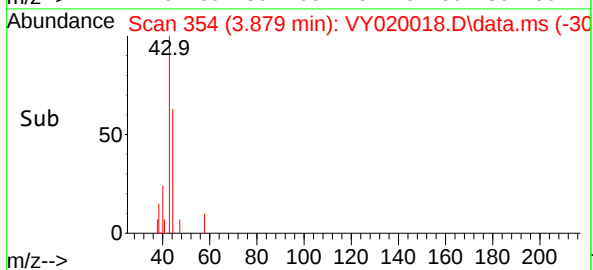
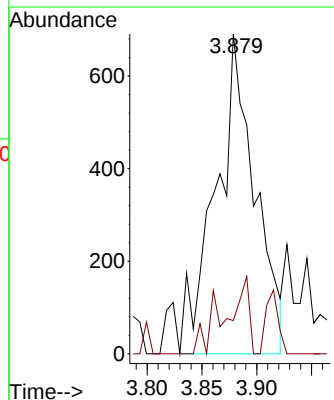
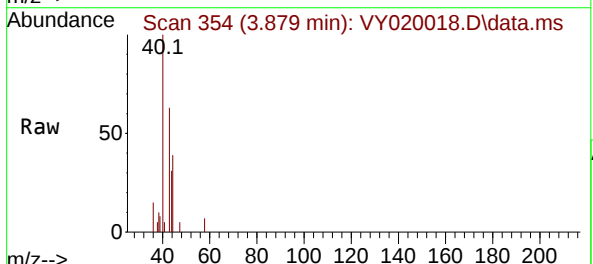
Instrument :
MSVOA_Y
ClientSampleId :

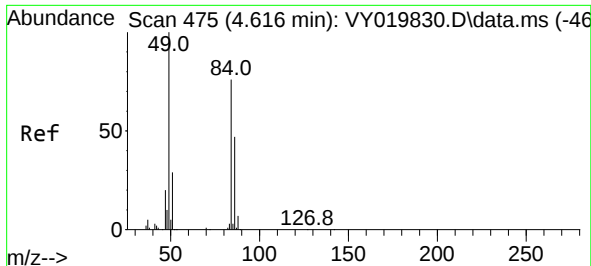
Tgt Ion: 53 Resp: 727
Ion Ratio Lower Upper
53 100
52 39.5 64.7 97.1#
51 16.0 28.4 42.6#



#16
Acetone
Concen: 2.608 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY020018.D
Acq: 25 Oct 2024 11:46

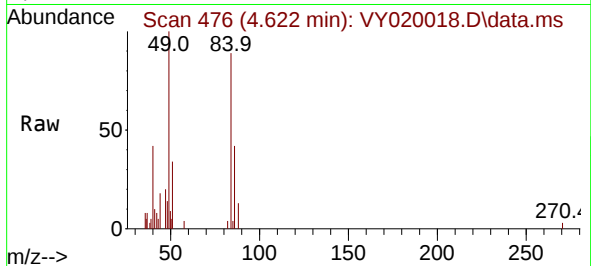
Tgt Ion: 43 Resp: 1715
Ion Ratio Lower Upper
43 100
58 10.4 31.7 47.5#



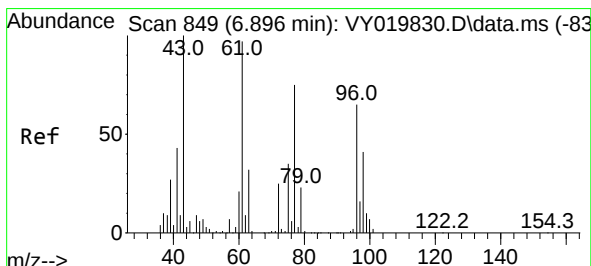
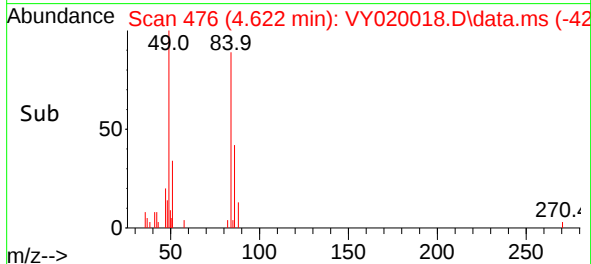
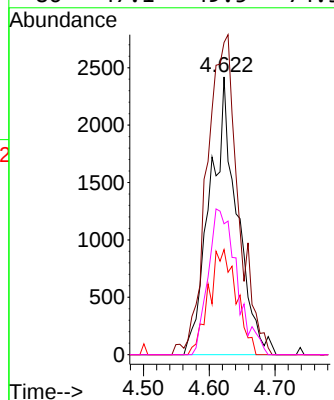


#20
Methylene Chloride
Concen: 2.084 ug/l
RT: 4.622 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY020018.D
Acq: 25 Oct 2024 11:46

Instrument :
MSVOA_Y
ClientSampleId :

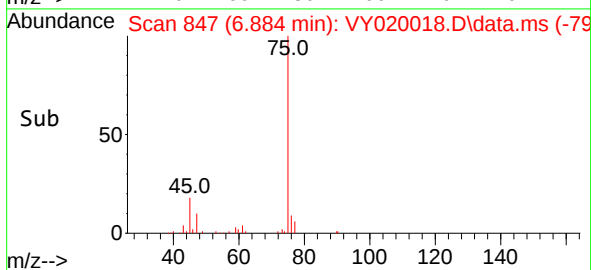
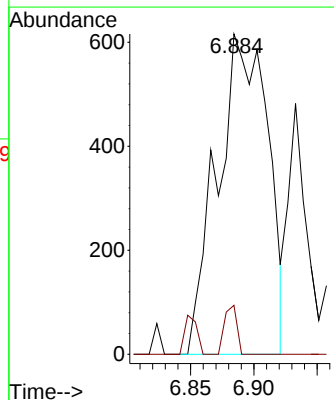
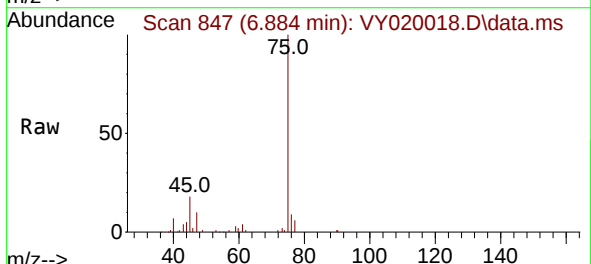


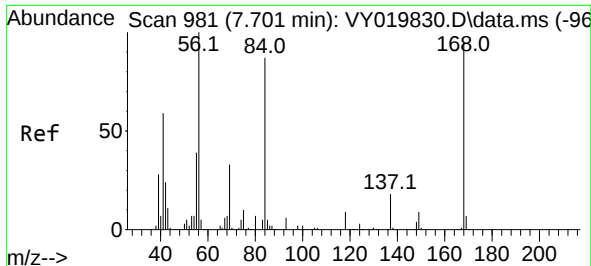
Tgt Ion:	84	Resp:	6941
Ion	Ratio	Lower	Upper
84	100		
49	112.4	84.4	126.6
51	37.9	26.0	39.0
86	47.1	49.5	74.3



#25
2-Butanone
Concen: 1.946 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY020018.D
Acq: 25 Oct 2024 11:46

Tgt Ion:	43	Resp:	1713
Ion	Ratio	Lower	Upper
43	100		
72	15.3	27.3	40.9

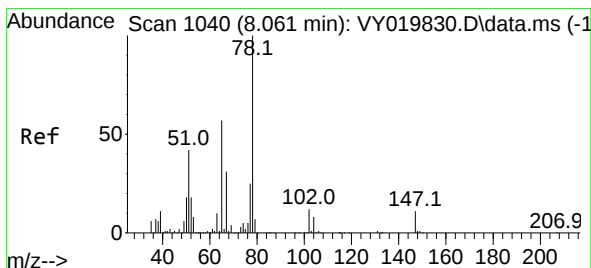
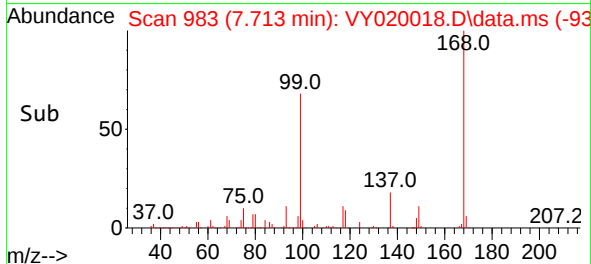
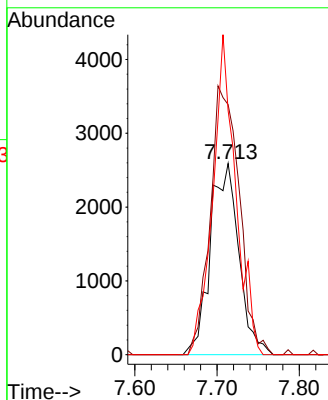
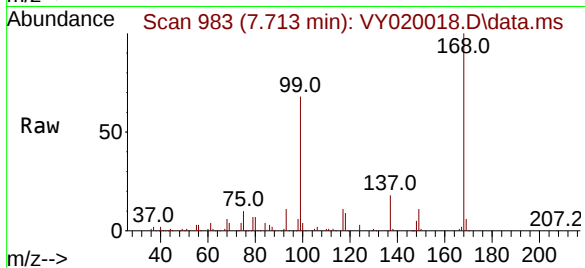




#31
Cyclohexane
Concen: 1.485 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.013 min
Lab File: VY020018.D
Acq: 25 Oct 2024 11:46

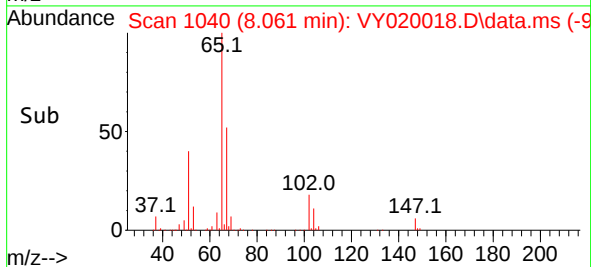
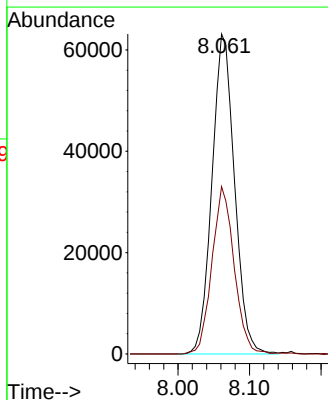
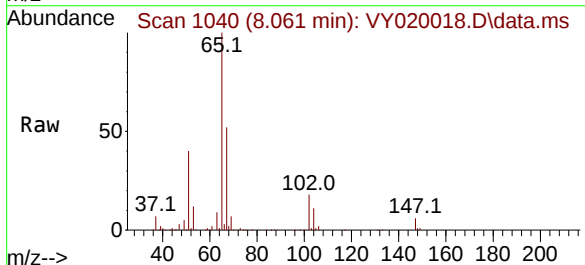
Instrument :
MSVOA_Y
ClientSampleId :

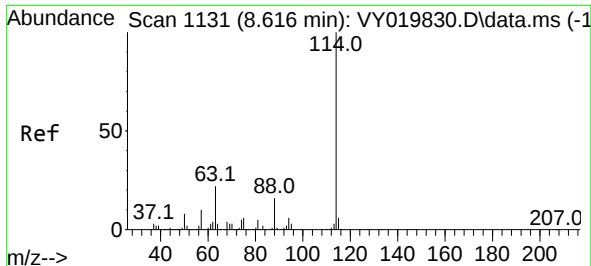
Tgt Ion: 56 Resp: 6267
Ion Ratio Lower Upper
56 100
69 130.8 28.7 43.1#
84 127.6 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 54.808 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020018.D
Acq: 25 Oct 2024 11:46

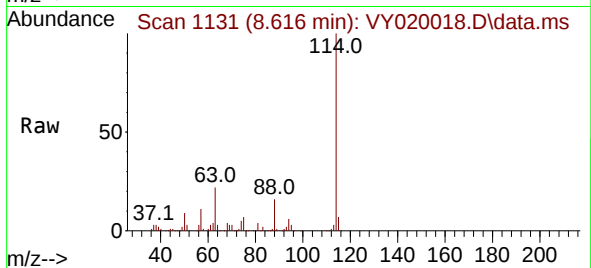
Tgt Ion: 65 Resp: 138429
Ion Ratio Lower Upper
65 100
67 51.3 0.0 109.6



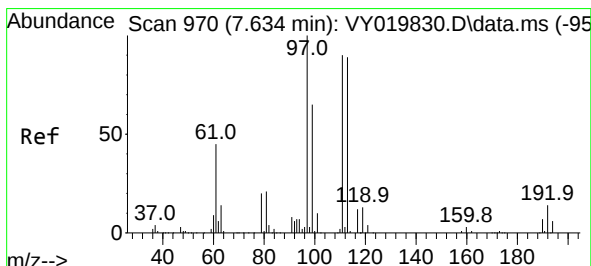
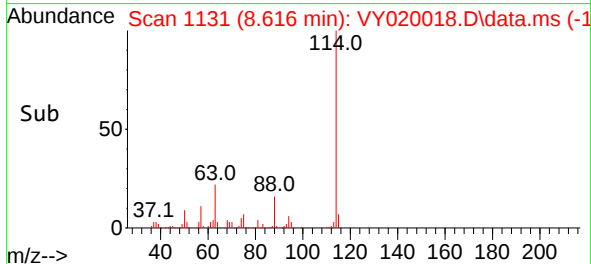
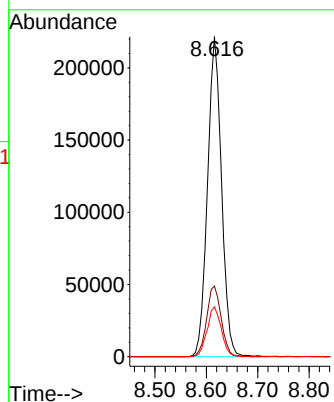


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020018.D
Acq: 25 Oct 2024 11:46

Instrument :
MSVOA_Y
ClientSampleId :

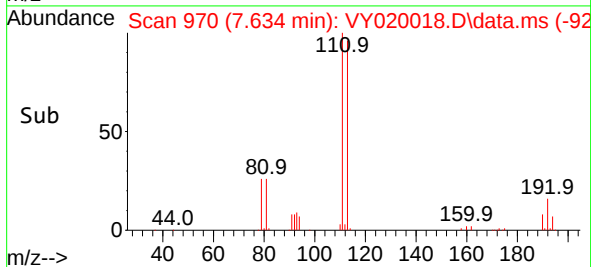
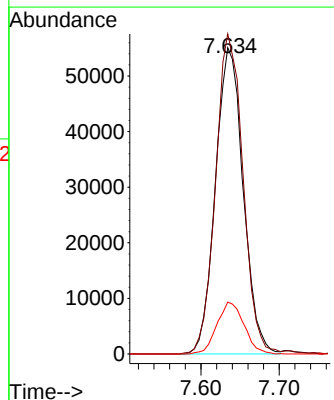
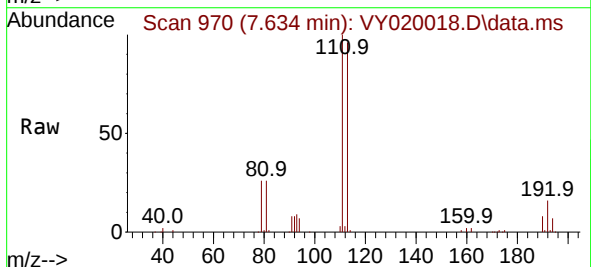


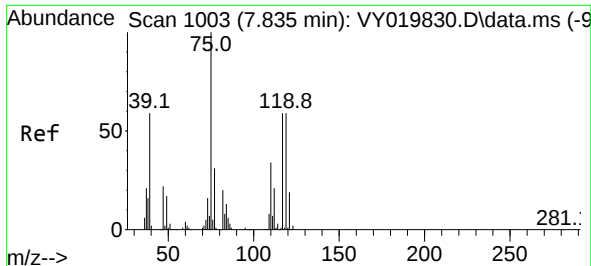
Tgt Ion:114 Resp: 420680
Ion Ratio Lower Upper
114 100
63 22.0 0.0 35.0
88 15.6 0.0 27.2



#35
Dibromofluoromethane
Concen: 48.857 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020018.D
Acq: 25 Oct 2024 11:46

Tgt Ion:113 Resp: 135627
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 16.5 15.9 23.9

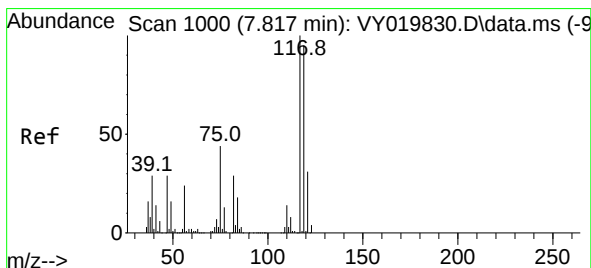
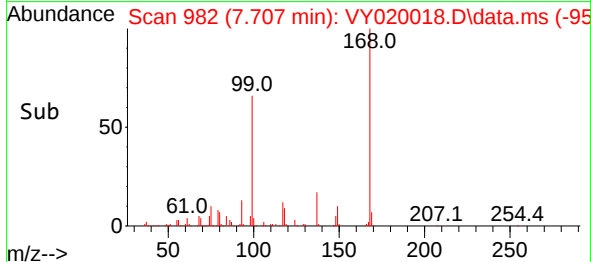
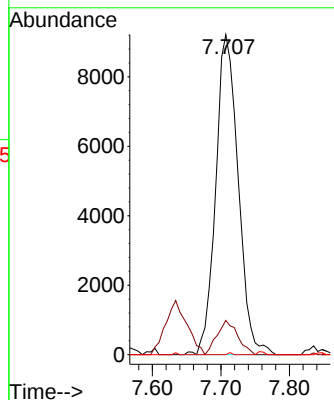
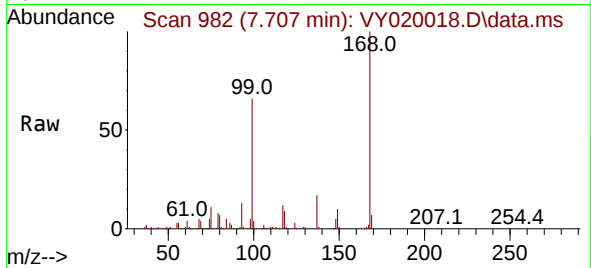




#36
 1,1-Dichloropropene
 Concen: 5.244 ug/l
 RT: 7.707 min Scan# 982
 Delta R.T. -0.128 min
 Lab File: VY020018.D
 Acq: 25 Oct 2024 11:46

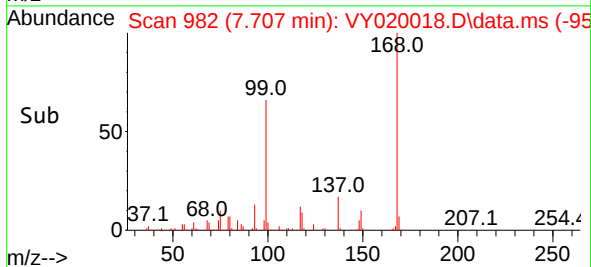
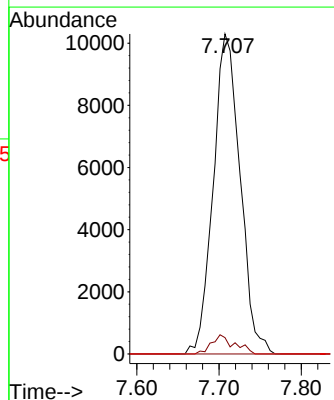
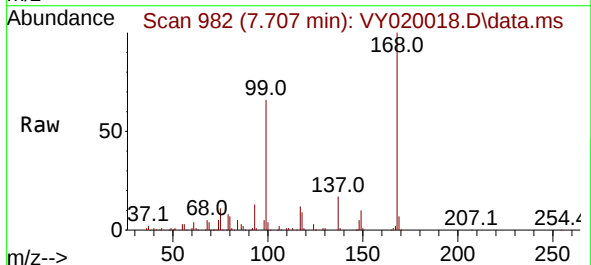
Instrument :
 MSVOA_Y
 ClientSampleId :

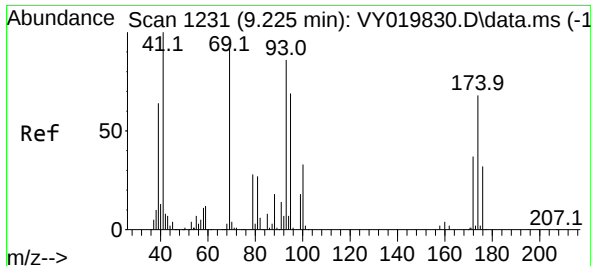
Tgt Ion: 75 Resp: 20973
 Ion Ratio Lower Upper
 75 100
 110 9.8 19.0 57.0#
 77 0.1 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 5.446 ug/l
 RT: 7.707 min Scan# 982
 Delta R.T. -0.109 min
 Lab File: VY020018.D
 Acq: 25 Oct 2024 11:46

Tgt Ion: 117 Resp: 23351
 Ion Ratio Lower Upper
 117 100
 119 5.1 75.8 113.6#
 121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 1.565 ug/l

RT: 9.189 min Scan# 11

Delta R.T. -0.042 min

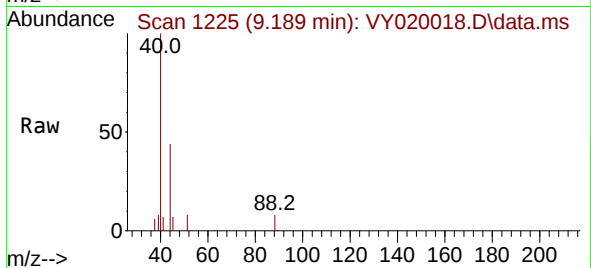
Lab File: VY020018.D

Acq: 25 Oct 2024 11:46

Instrument :

MSVOA_Y

ClientSampleId :



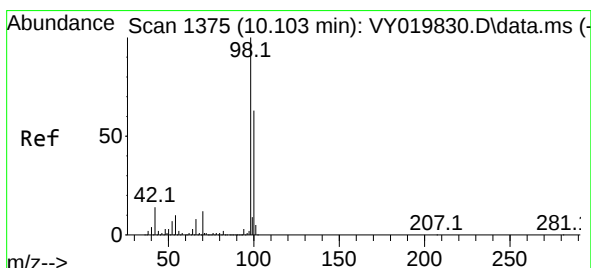
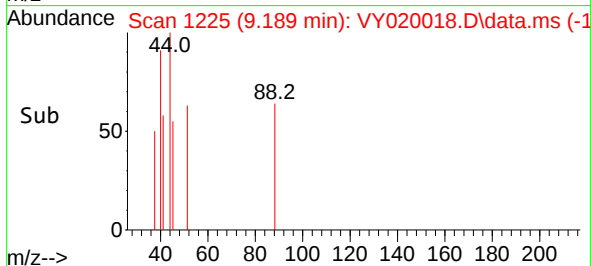
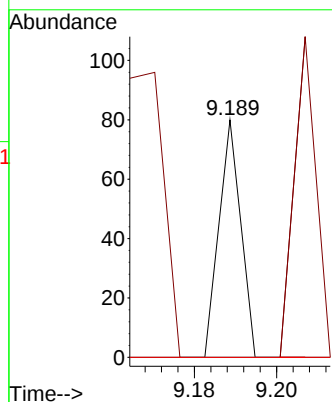
Tgt Ion: 88 Resp: 29

Ion Ratio Lower Upper

88 100

43 241.4 0.0 0.0#

58 0.0 49.3 73.9#



#50

Toluene-d8

Concen: 51.193 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020018.D

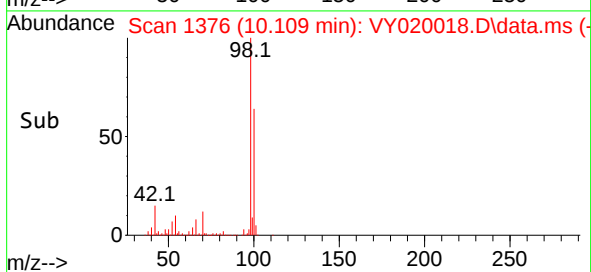
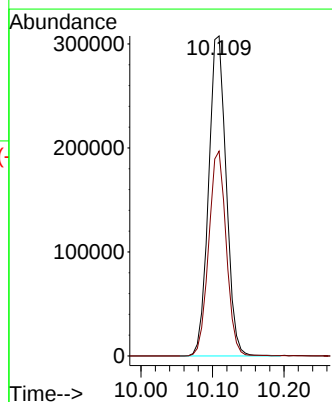
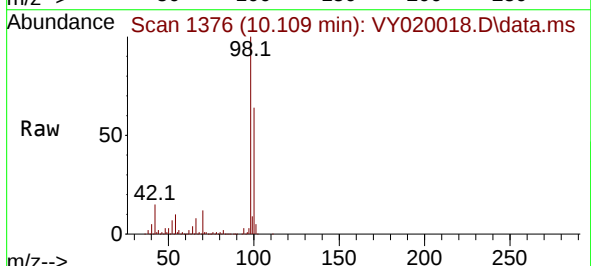
Acq: 25 Oct 2024 11:46

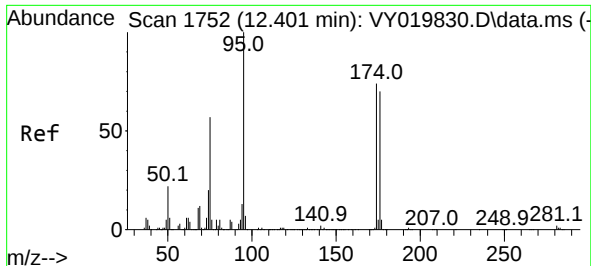
Tgt Ion: 98 Resp: 524804

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0

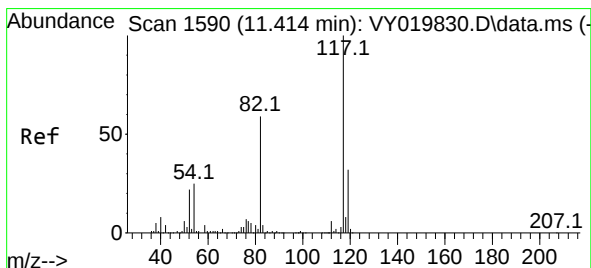
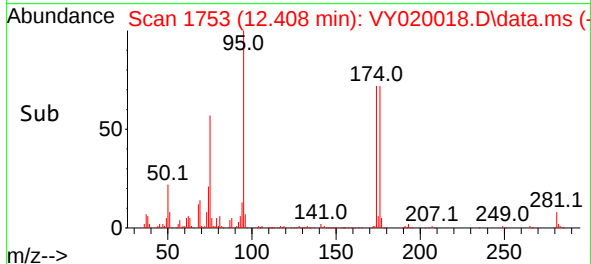
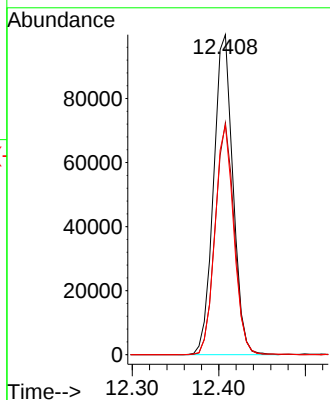
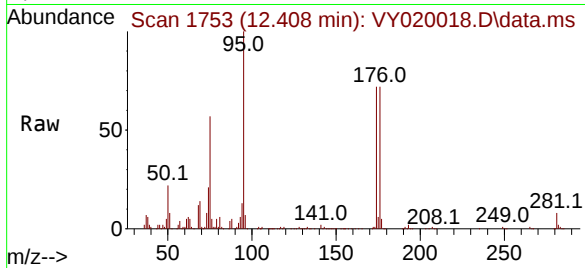




#62
4-Bromofluorobenzene
Concen: 41.897 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020018.D
Acq: 25 Oct 2024 11:46

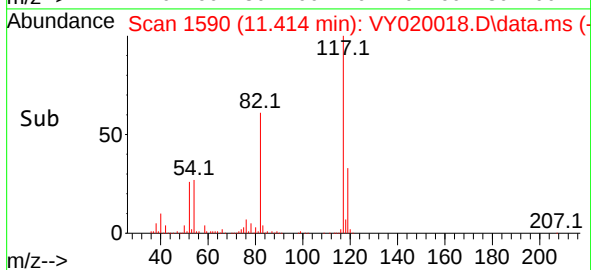
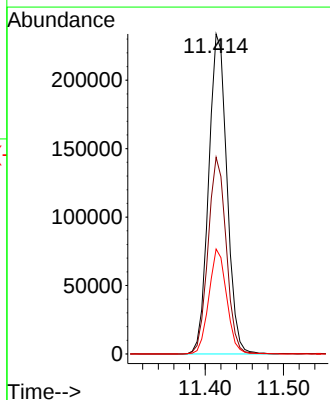
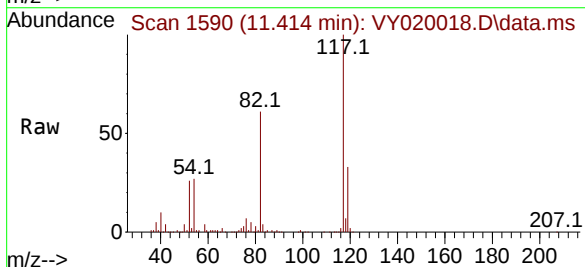
Instrument :
MSVOA_Y
ClientSampleId :

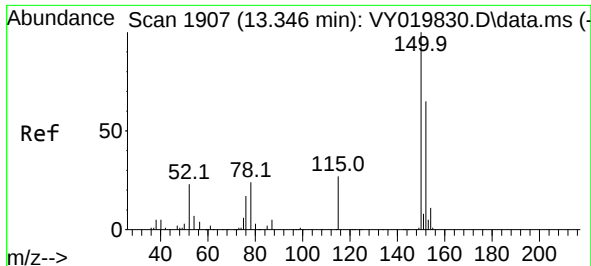
Tgt Ion: 95 Resp: 155192
Ion Ratio Lower Upper
95 100
174 71.3 0.0 175.6
176 69.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020018.D
Acq: 25 Oct 2024 11:46

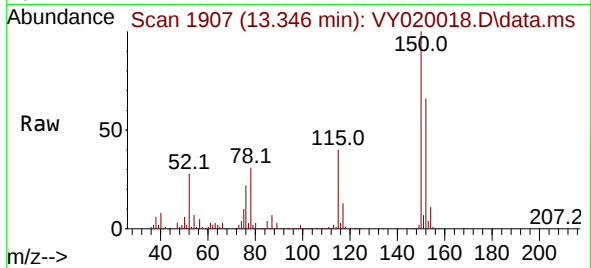
Tgt Ion: 117 Resp: 378794
Ion Ratio Lower Upper
117 100
82 61.5 42.4 63.6
119 32.8 25.9 38.9



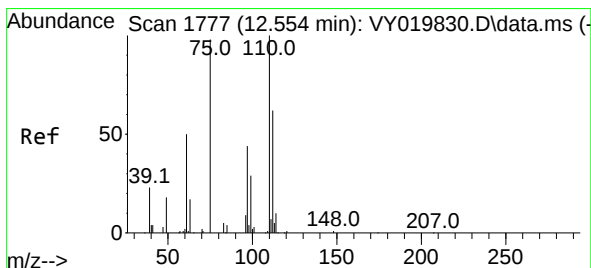
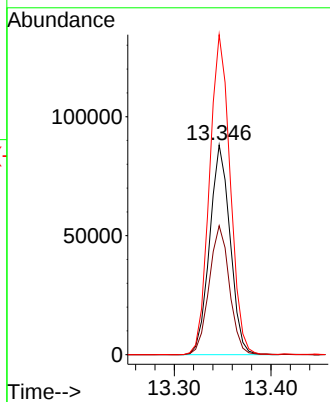
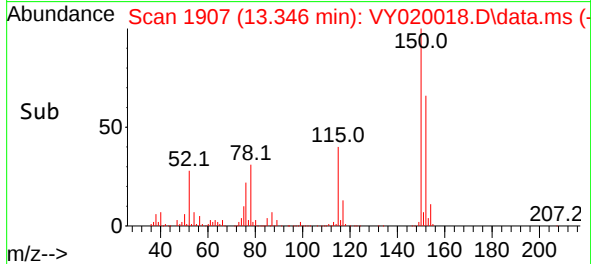


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY020018.D
Acq: 25 Oct 2024 11:46

Instrument :
MSVOA_Y
ClientSampleId :

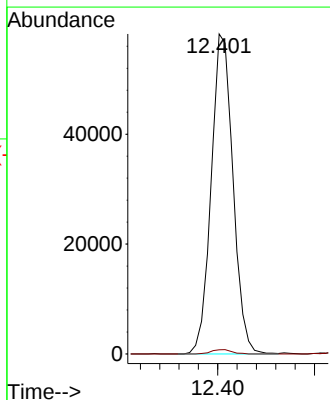
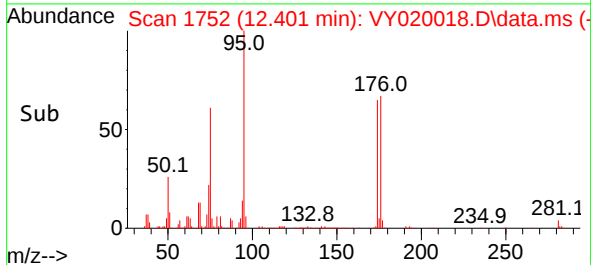
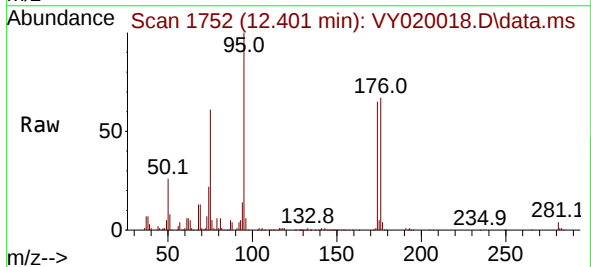


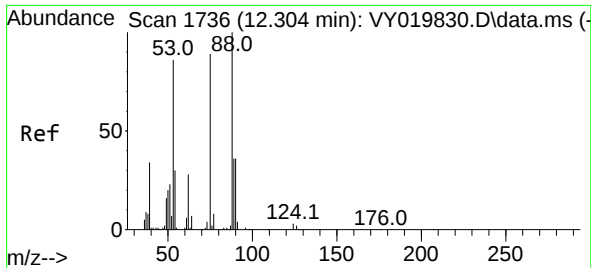
Tgt Ion:152 Resp: 129643
Ion Ratio Lower Upper
152 100
115 61.0 28.2 84.7
150 154.1 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 35.844 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY020018.D
Acq: 25 Oct 2024 11:46

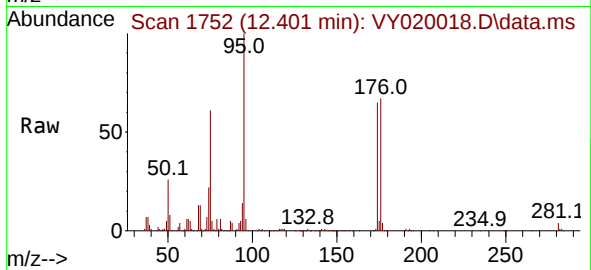
Tgt Ion: 75 Resp: 91034
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 144.682 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY020018.D
 Acq: 25 Oct 2024 11:46

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 91034
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.1 35.8 53.6#

