

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061722\
 Data File : VY009231.D
 Acq On : 17 Jun 2022 16:51
 Operator : KP/MD
 Sample : N3373-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 17 22:55:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 16 02:54:06 2022
 Response via : Initial Calibration

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

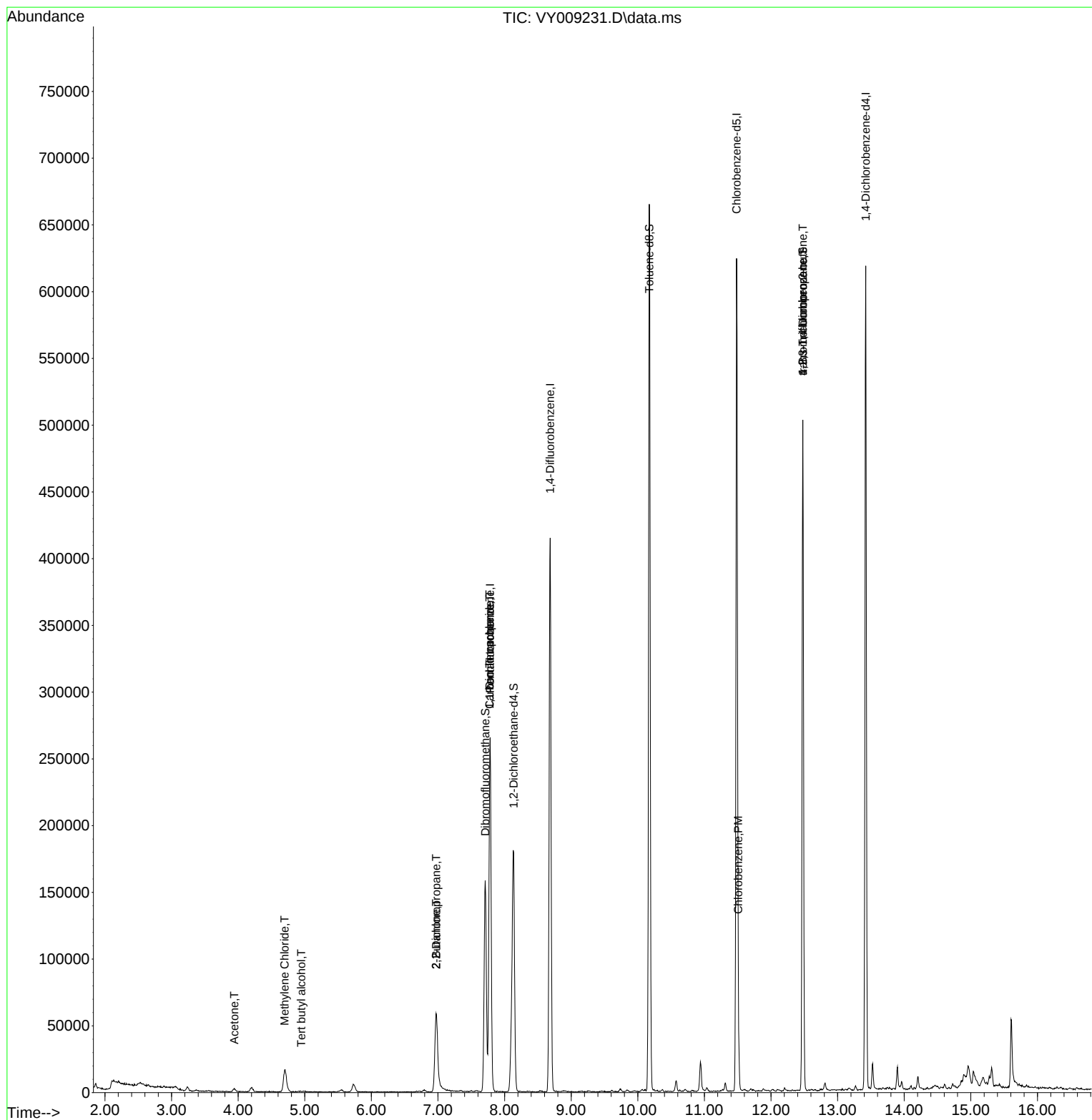
Internal Standards						
1) Pentafluorobenzene	7.783	168	213615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	361659	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	338037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	152756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	121118	54.278	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.560%	
35) Dibromofluoromethane	7.710	113	111939	49.367	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.740%	
50) Toluene-d8	10.173	98	431984	50.048	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.100%	
62) 4-Bromofluorobenzene	12.477	95	151439	49.373	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.740%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	796	2.248	ug/l #	77
13) Acrolein	3.680	56	46	Below Cal	#	1
16) Acetone	3.942	43	3798	6.757	ug/l #	79
18) Methyl Acetate	4.466	43	61	Below Cal	#	67
20) Methylene Chloride	4.698	84	12722	2.282	ug/l #	81
25) 2-Butanone	6.972	43	4388	4.933	ug/l #	88
26) 2,2-Dichloropropane	6.972	77	5081	1.342	ug/l #	55
36) 1,1-Dichloropropene	7.777	75	16109	4.618	ug/l #	50
38) Carbon Tetrachloride	7.777	117	20528	5.692	ug/l #	16
65) Chlorobenzene	11.508	112	15964	2.180	ug/l	95
76) 1,2,3-Trichloropropane	12.477	75	75194	44.581	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	75194	88.845	ug/l #	7

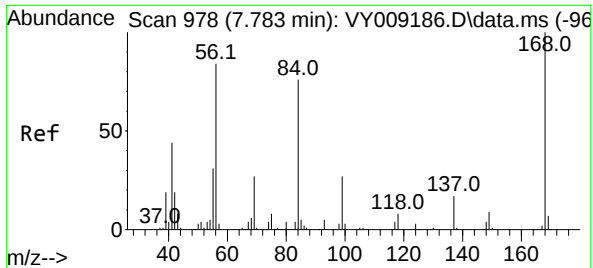
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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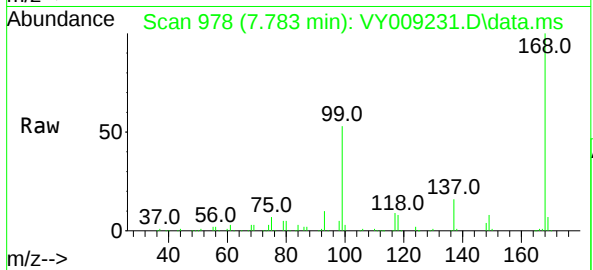
Quant Time: Jun 17 22:55:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 16 02:54:06 2022
Response via : Initial Calibration



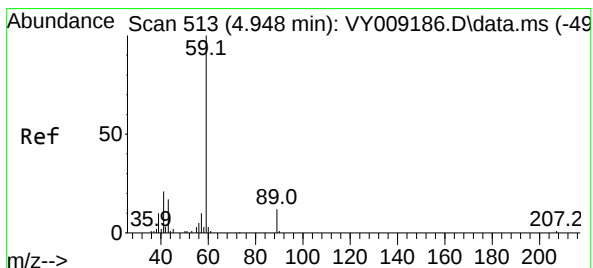
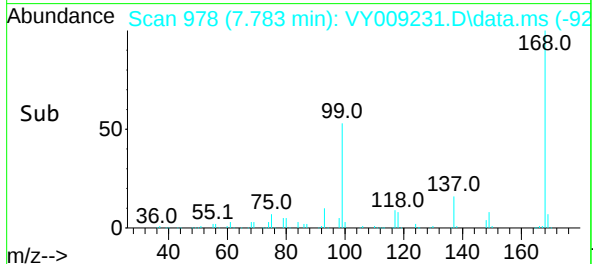
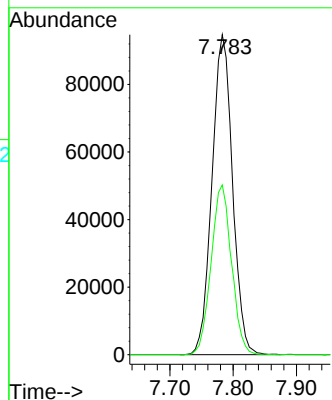


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009231.D
Acq: 17 Jun 2022 16:51

Instrument :
MSVOA_Y
ClientSampleId :

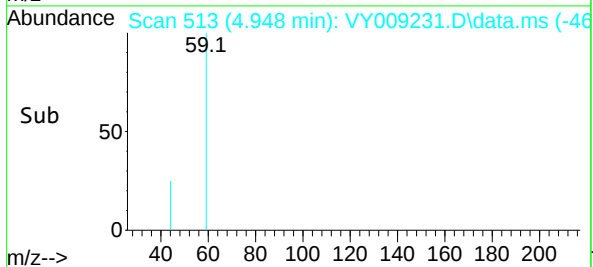
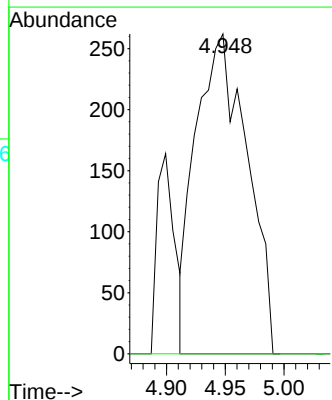
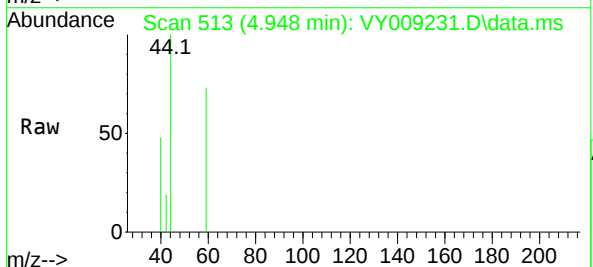


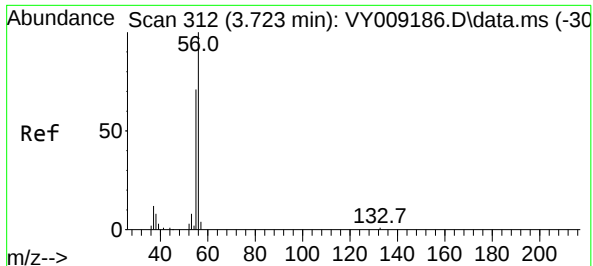
Tgt Ion:168 Resp: 213615
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#11
Tert butyl alcohol
Concen: 2.248 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY009231.D
Acq: 17 Jun 2022 16:51

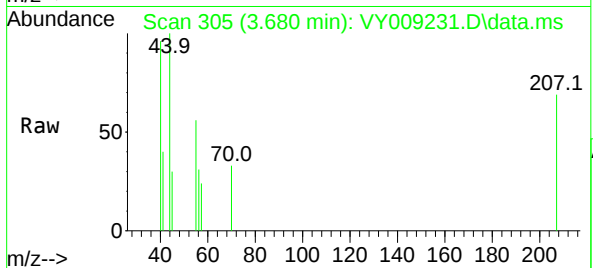
Tgt Ion: 59 Resp: 796
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



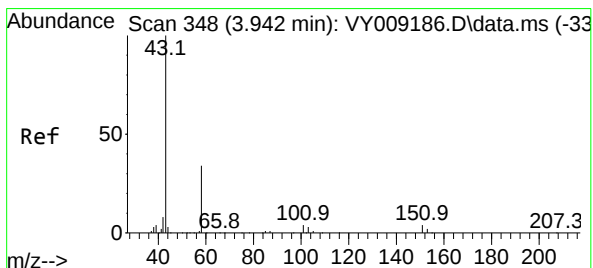
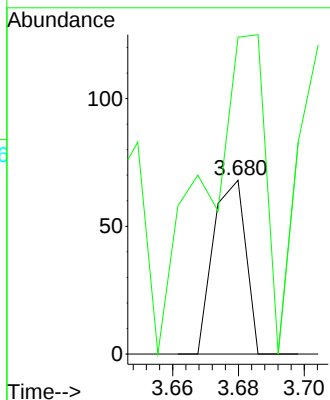
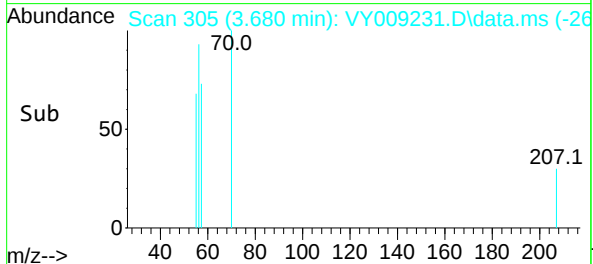


#13
Acrolein
Concen: Below Cal
RT: 3.680 min Scan# 305
Delta R.T. -0.043 min
Lab File: VY009231.D
Acq: 17 Jun 2022 16:51

Instrument :
MSVOA_Y
ClientSampleId :

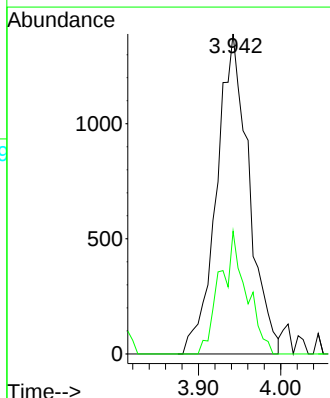
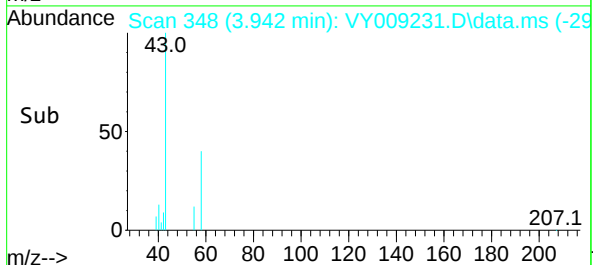
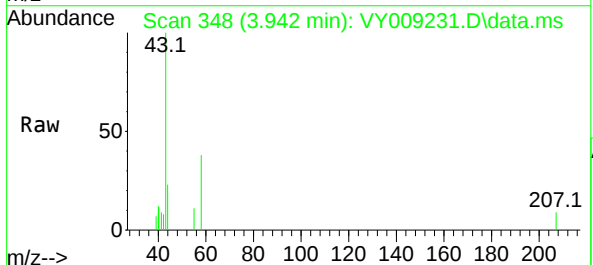


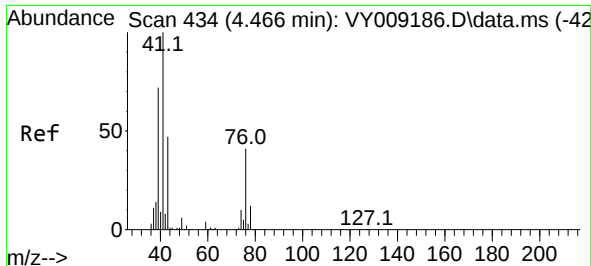
Tgt Ion: 56 Resp: 46
Ion Ratio Lower Upper
56 100
55 343.5 57.6 86.4#



#16
Acetone
Concen: 6.757 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY009231.D
Acq: 17 Jun 2022 16:51

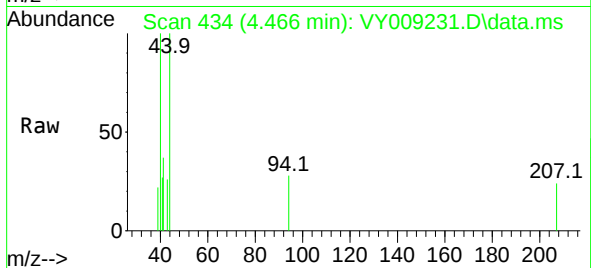
Tgt Ion: 43 Resp: 3798
Ion Ratio Lower Upper
43 100
58 38.3 22.0 33.0#



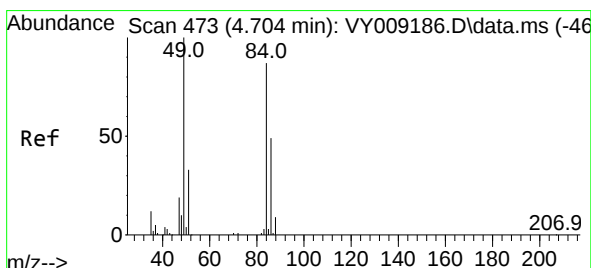
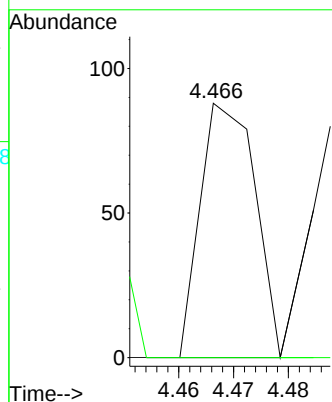
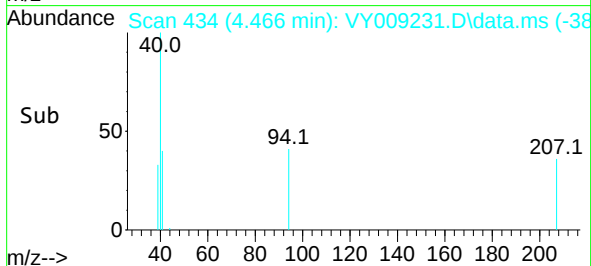


#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009231.D
Acq: 17 Jun 2022 16:51

Instrument :
MSVOA_Y
ClientSampleId :

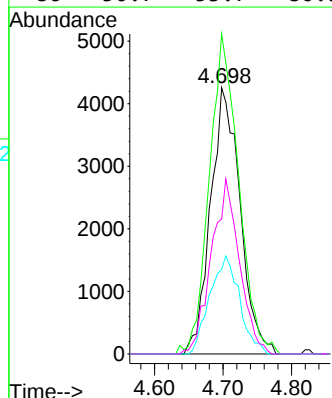
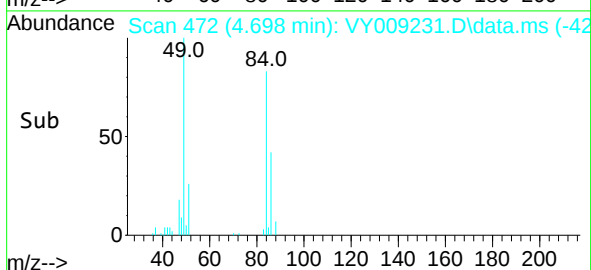
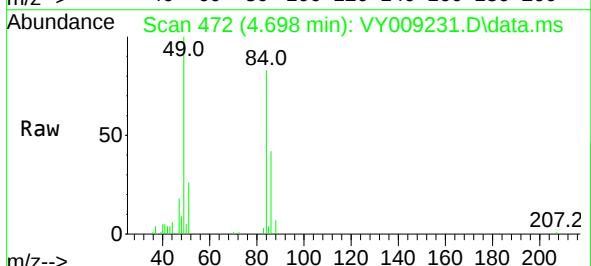


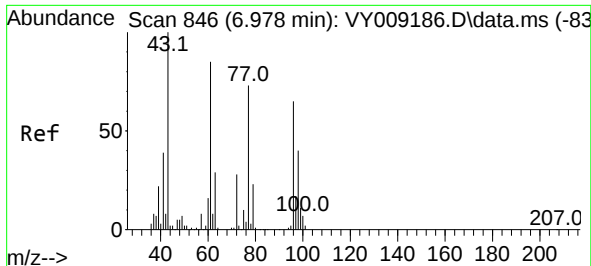
Tgt Ion: 43 Resp: 61
Ion Ratio Lower Upper
43 100
74 36.1 16.6 24.8#



#20
Methylene Chloride
Concen: 2.282 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY009231.D
Acq: 17 Jun 2022 16:51

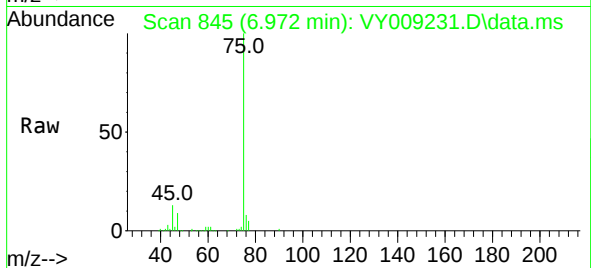
Tgt Ion: 84 Resp: 12722
Ion Ratio Lower Upper
84 100
49 120.2 114.4 171.6
51 31.7 35.3 52.9#
86 50.7 53.7 80.5#



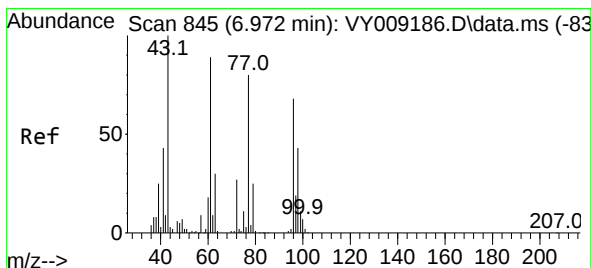
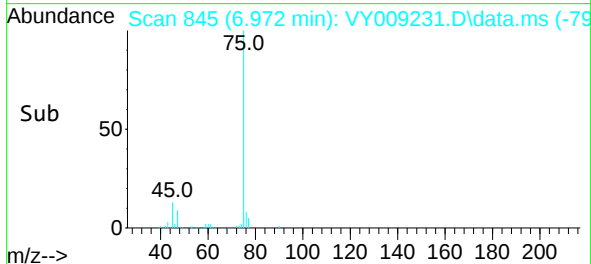
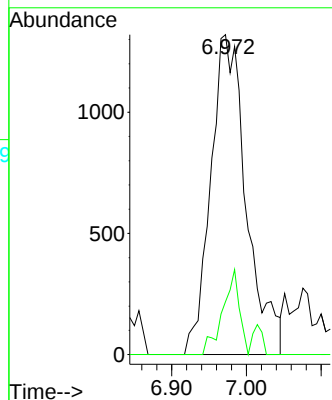


#25
2-Butanone
Concen: 4.933 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY009231.D
Acq: 17 Jun 2022 16:51

Instrument :
MSVOA_Y
ClientSampleId :

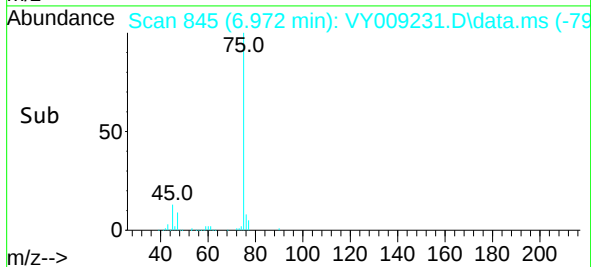
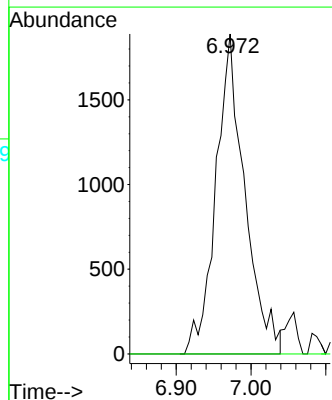
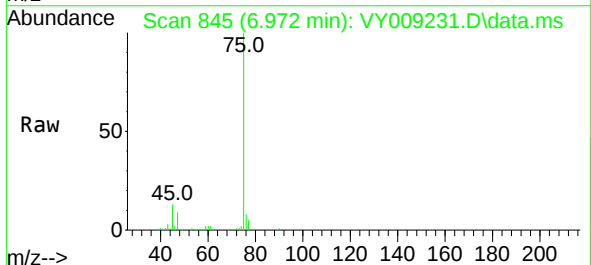


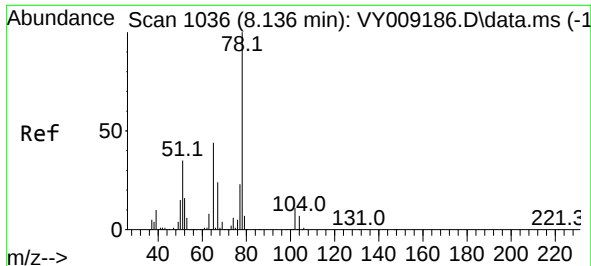
Tgt Ion: 43 Resp: 4388
Ion Ratio Lower Upper
43 100
72 16.5 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 1.342 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY009231.D
Acq: 17 Jun 2022 16:51

Tgt Ion: 77 Resp: 5081
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#





#33

1,2-Dichloroethane-d4

Concen: 54.278 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY009231.D

Acq: 17 Jun 2022 16:51

Instrument :

MSVOA_Y

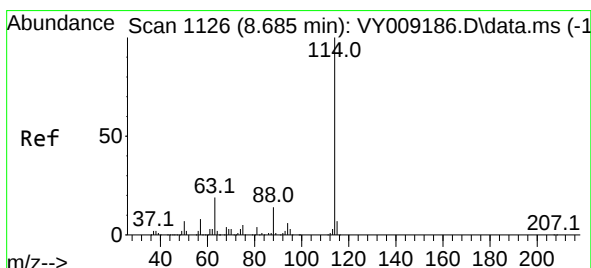
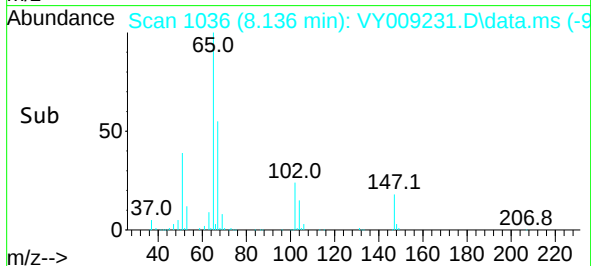
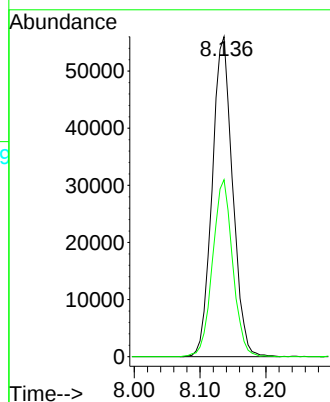
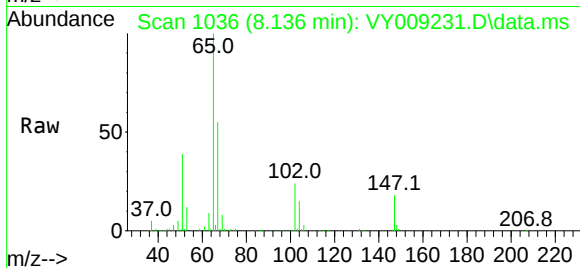
ClientSampleId :

Tgt Ion: 65 Resp: 121118

Ion Ratio Lower Upper

65 100

67 54.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009231.D

Acq: 17 Jun 2022 16:51

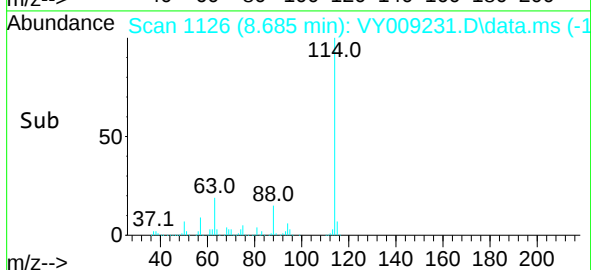
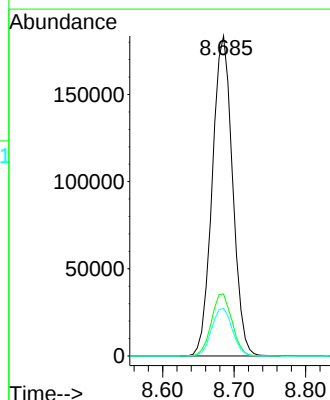
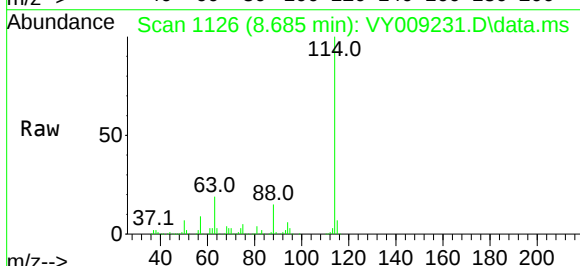
Tgt Ion: 114 Resp: 361659

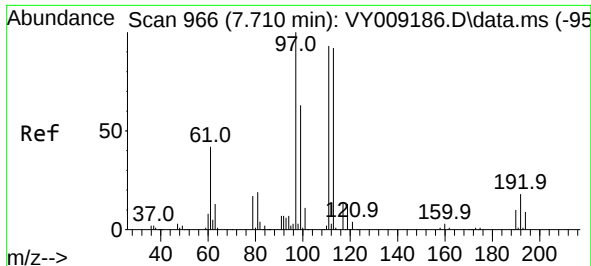
Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

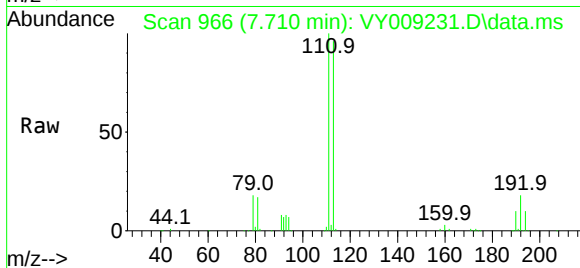
88 14.9 0.0 31.8



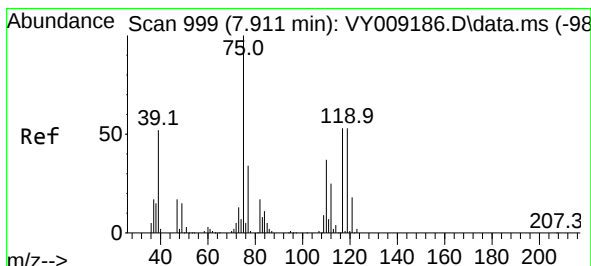
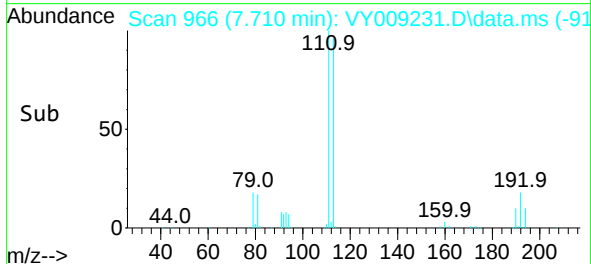
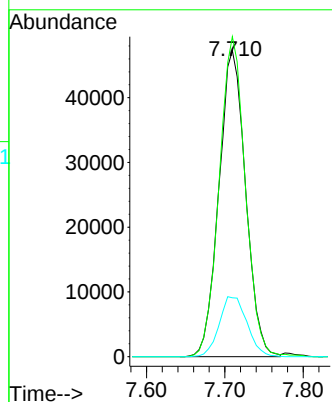


#35
Dibromofluoromethane
Concen: 49.367 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009231.D
Acq: 17 Jun 2022 16:51

Instrument :
MSVOA_Y
ClientSampleId :

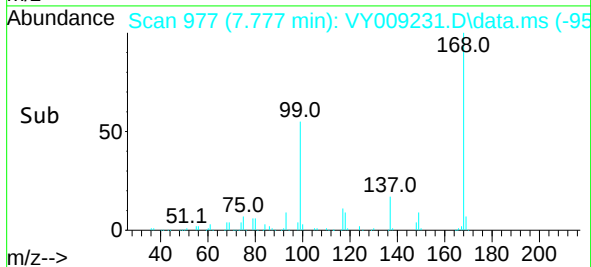
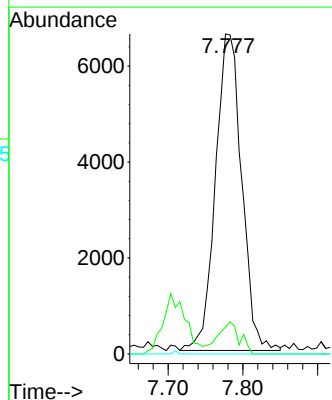
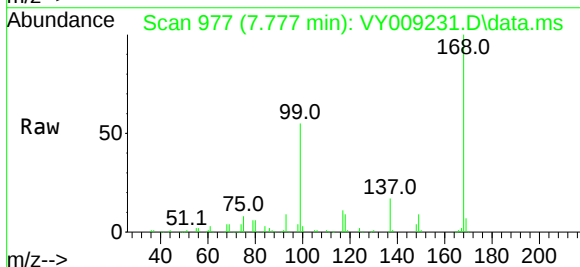


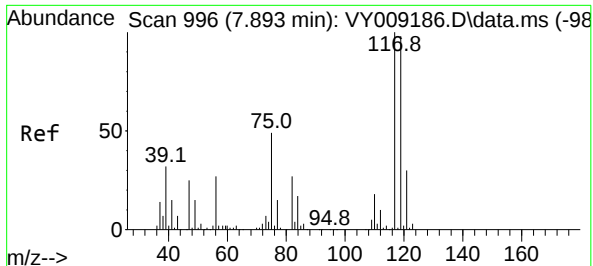
Tgt Ion:113 Resp: 111939
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 20.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.618 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY009231.D
Acq: 17 Jun 2022 16:51

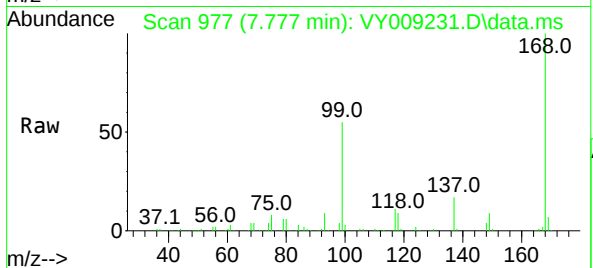
Tgt Ion: 75 Resp: 16109
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.2#
77 0.0 24.4 36.6#



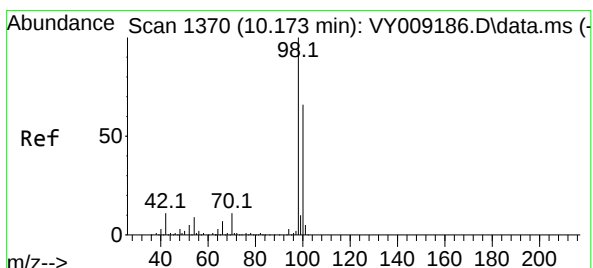
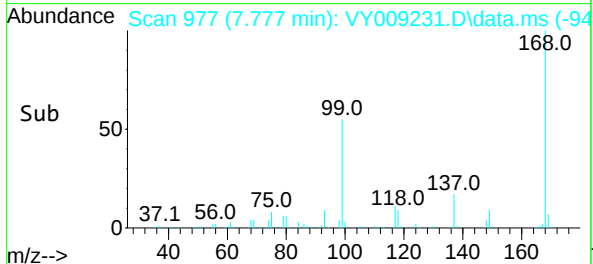
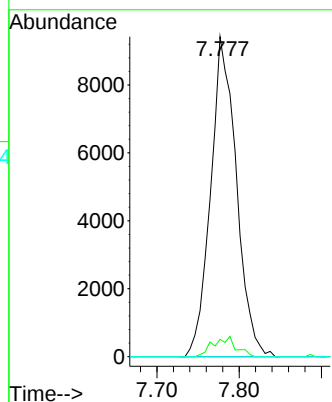


#38
Carbon Tetrachloride
Concen: 5.692 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY009231.D
Acq: 17 Jun 2022 16:51

Instrument :
MSVOA_Y
ClientSampleId :

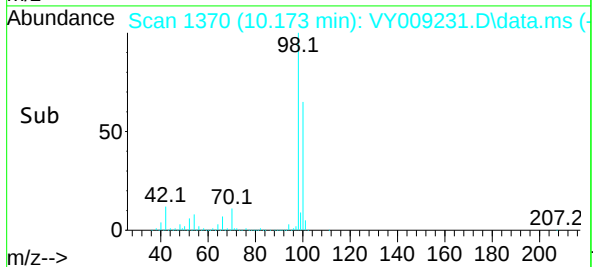
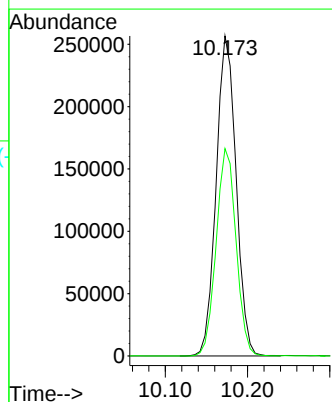
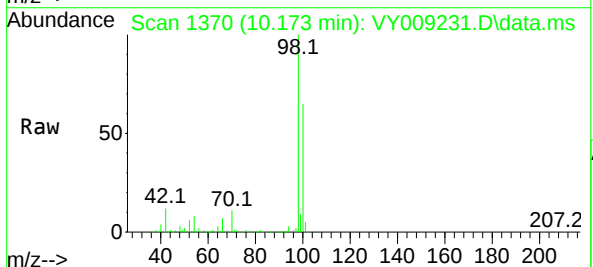


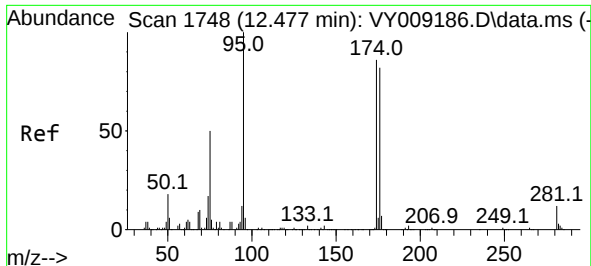
Tgt Ion:117 Resp: 20528
Ion Ratio Lower Upper
117 100
119 5.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.048 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009231.D
Acq: 17 Jun 2022 16:51

Tgt Ion: 98 Resp: 431984
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

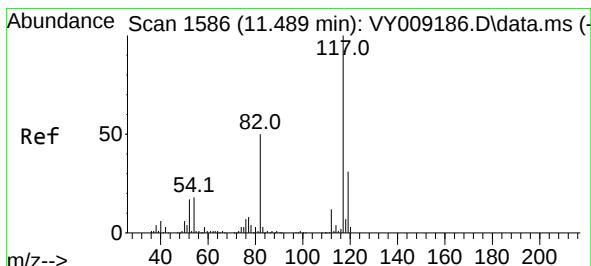
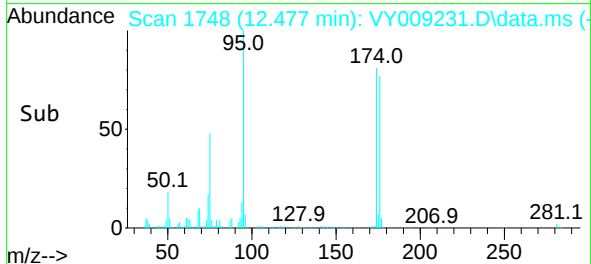
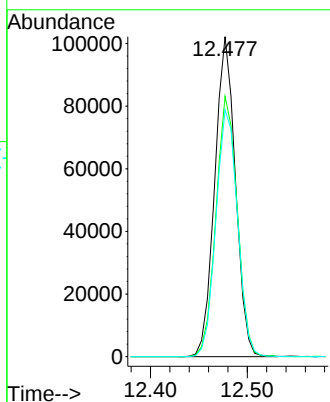
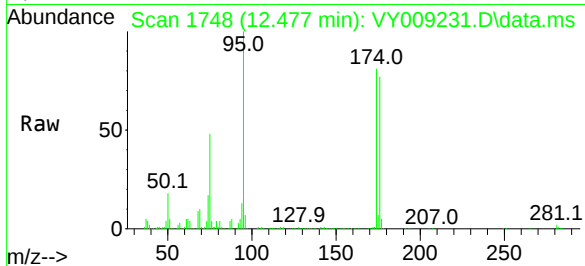




#62
4-Bromofluorobenzene
Concen: 49.373 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009231.D
Acq: 17 Jun 2022 16:51

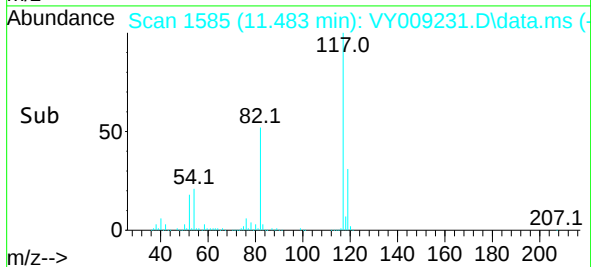
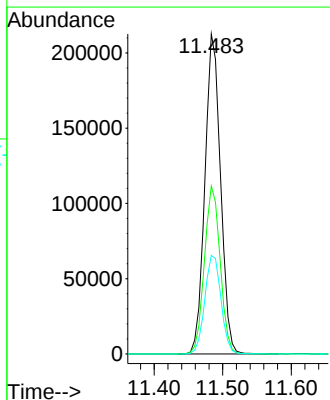
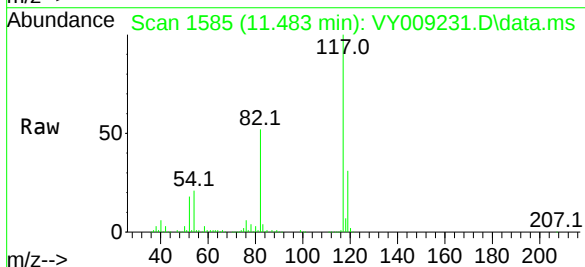
Instrument :
MSVOA_Y
ClientSampleId :

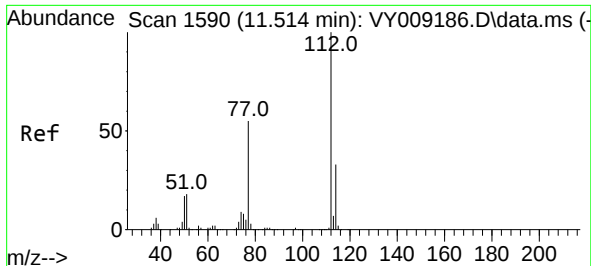
Tgt Ion: 95 Resp: 151439
Ion Ratio Lower Upper
95 100
174 83.8 0.0 177.0
176 80.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY009231.D
Acq: 17 Jun 2022 16:51

Tgt Ion: 117 Resp: 338037
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 30.8 25.4 38.0

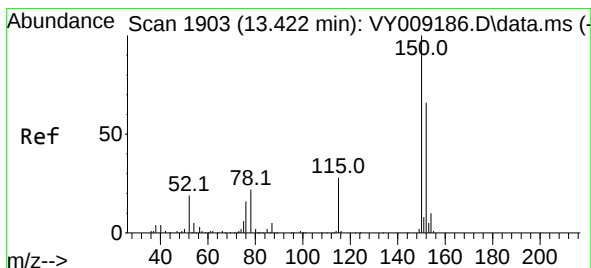
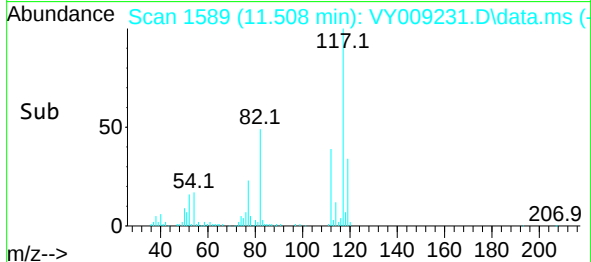
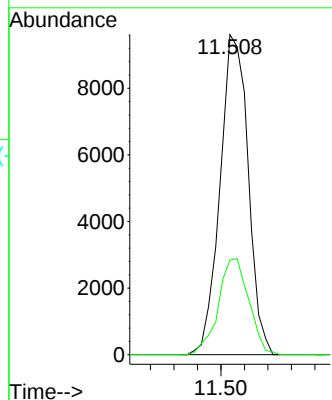
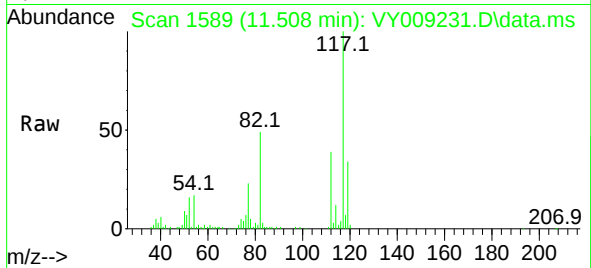




#65
Chlorobenzene
Concen: 2.180 ug/l
RT: 11.508 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009231.D
Acq: 17 Jun 2022 16:51

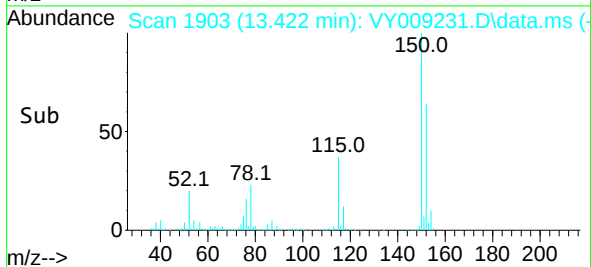
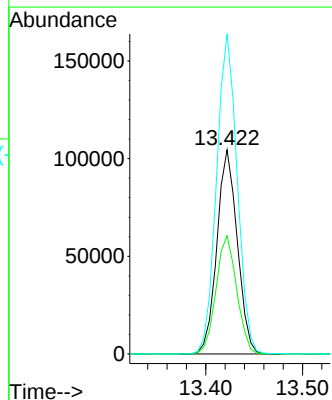
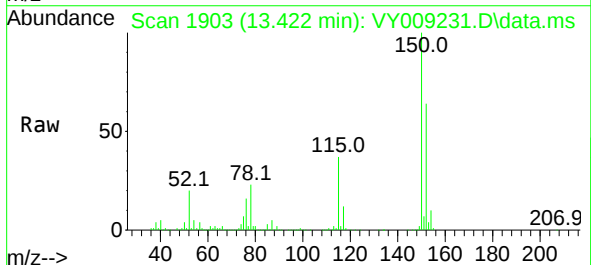
Instrument :
MSVOA_Y
ClientSampleId :

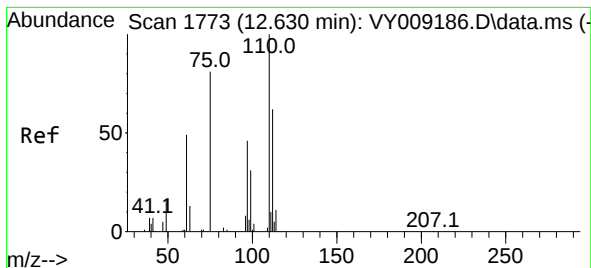
Tgt Ion:112 Resp: 15964
Ion Ratio Lower Upper
112 100
114 29.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009231.D
Acq: 17 Jun 2022 16:51

Tgt Ion:152 Resp: 152756
Ion Ratio Lower Upper
152 100
115 58.8 28.2 84.7
150 158.9 0.0 347.6

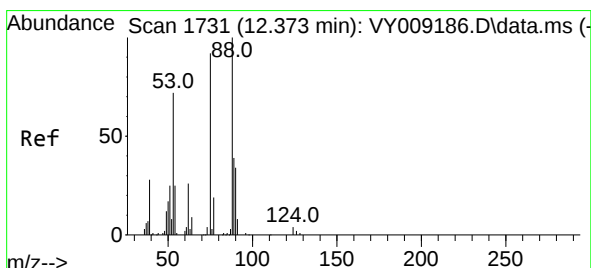
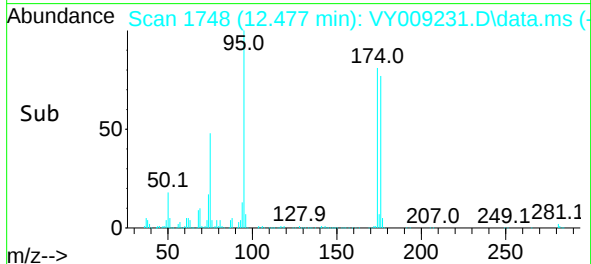
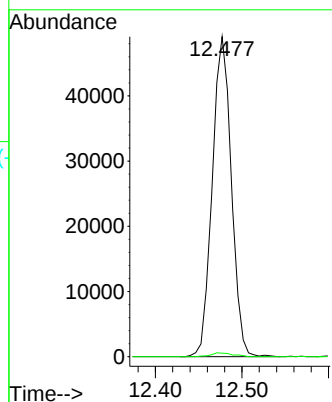
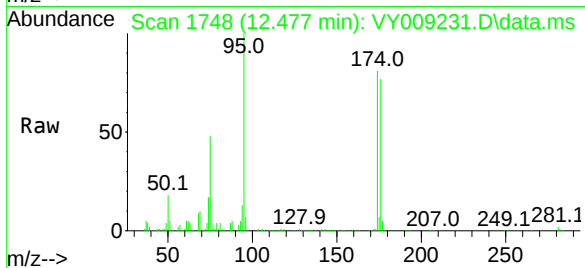




#76
1,2,3-Trichloropropane
Concen: 44.581 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009231.D
Acq: 17 Jun 2022 16:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 75194
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.845 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009231.D
Acq: 17 Jun 2022 16:51

Tgt Ion: 75 Resp: 75194
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#

