

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072822\
 Data File : VY009752.D
 Acq On : 28 Jul 2022 15:38
 Operator : KP/MD
 Sample : N3820-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PB-07-27-2022

Quant Time: Jul 29 02:56:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

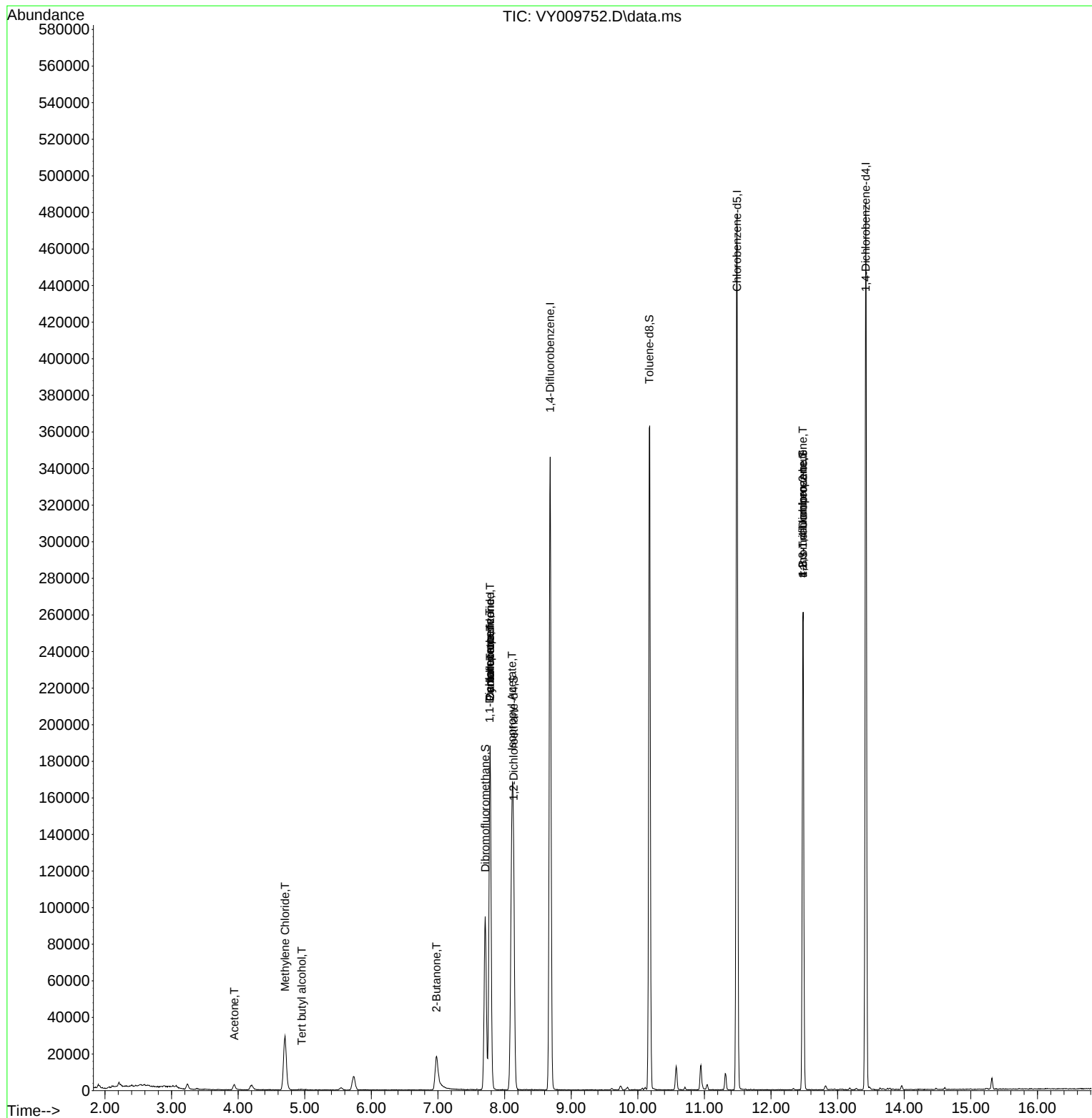
Internal Standards						
1) Pentafluorobenzene	7.782	168	152670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	304647	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	273610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	129485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	70655	71.778	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 143.560%			
35) Dibromofluoromethane	7.709	113	66288	40.007	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 80.020%			
50) Toluene-d8	10.172	98	241634	50.082	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 100.160%			
62) 4-Bromofluorobenzene	12.477	95	74322	33.829	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 67.660%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.954	59	714	3.952	ug/l #	77
16) Acetone	3.942	43	4893	13.404	ug/l	90
18) Methyl Acetate	4.472	43	184	Below Cal	#	56
20) Methylene Chloride	4.704	84	22175	3.685	ug/l #	83
25) 2-Butanone	6.978	43	1166	2.165	ug/l #	54
31) Cyclohexane	7.782	56	2954	1.216	ug/l #	11
36) 1,1-Dichloropropene	7.776	75	10973	4.070	ug/l #	50
38) Carbon Tetrachloride	7.782	117	13871	4.801	ug/l #	16
43) Isopropyl Acetate	8.112	43	2923	1.047	ug/l #	2
76) 1,2,3-Trichloropropane	12.477	75	37793	31.423	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	37793	62.635	ug/l #	7

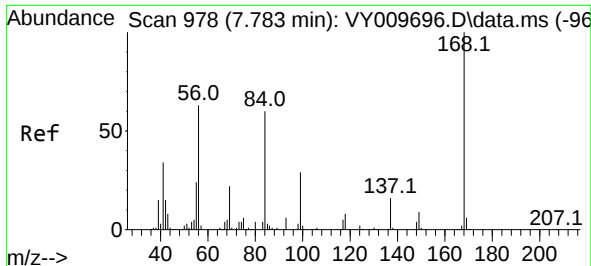
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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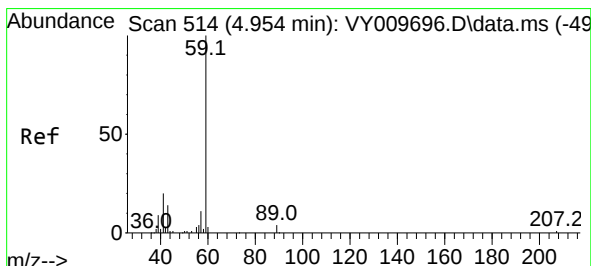
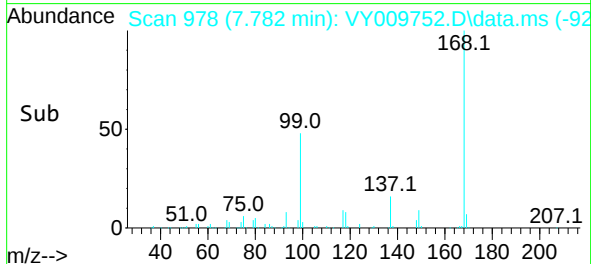
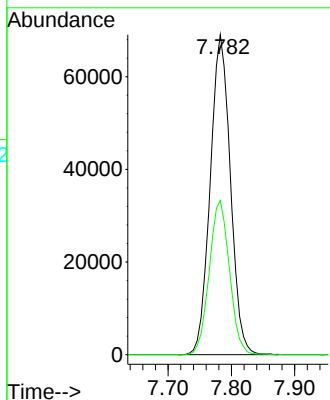
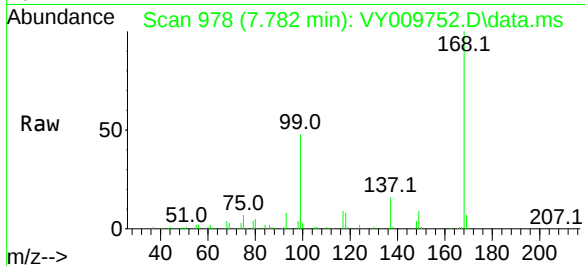




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY009752.D
Acq: 28 Jul 2022 15:38

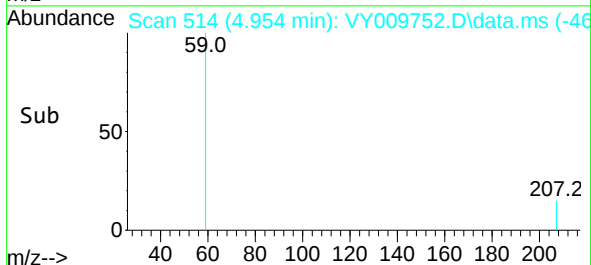
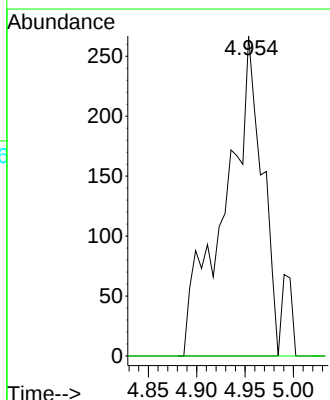
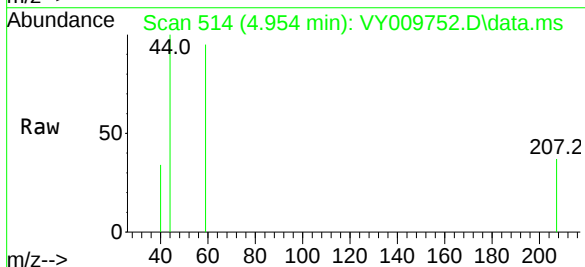
Instrument :
MSVOA_Y
ClientSampleId :
PB-07-27-2022

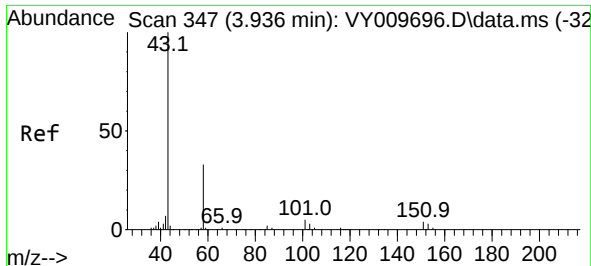
Tgt Ion:168 Resp: 152670
Ion Ratio Lower Upper
168 100
99 48.2 46.9 70.3



#11
Tert butyl alcohol
Concen: 3.952 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY009752.D
Acq: 28 Jul 2022 15:38

Tgt Ion: 59 Resp: 714
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

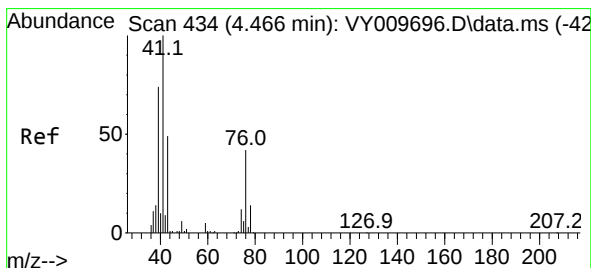
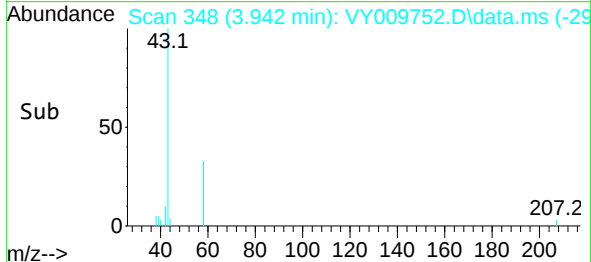
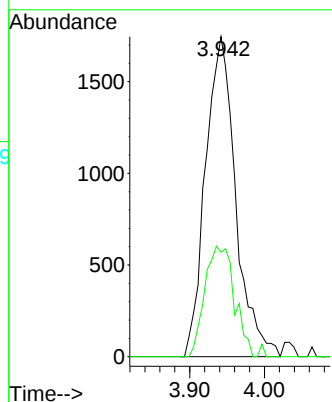
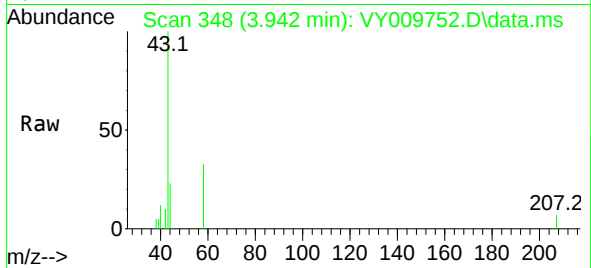




#16
Acetone
Concen: 13.404 ug/l
RT: 3.942 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY009752.D
Acq: 28 Jul 2022 15:38

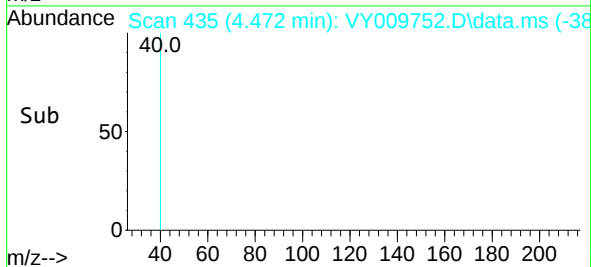
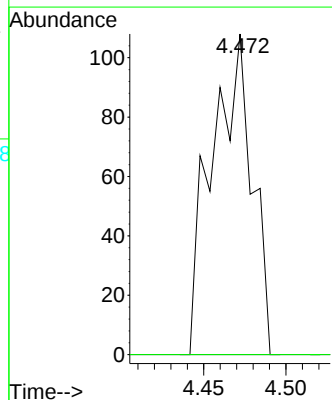
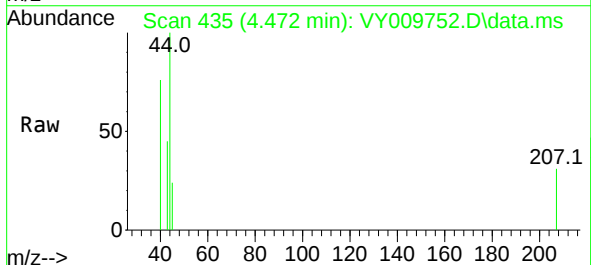
Instrument :
MSVOA_Y
ClientSampleId :
PB-07-27-2022

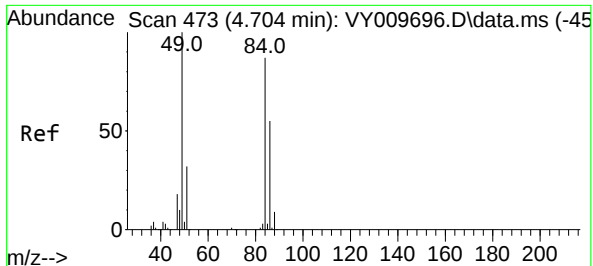
Tgt Ion: 43 Resp: 4893
Ion Ratio Lower Upper
43 100
58 32.7 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY009752.D
Acq: 28 Jul 2022 15:38

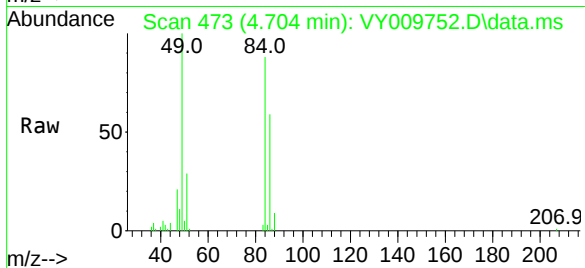
Tgt Ion: 43 Resp: 184
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





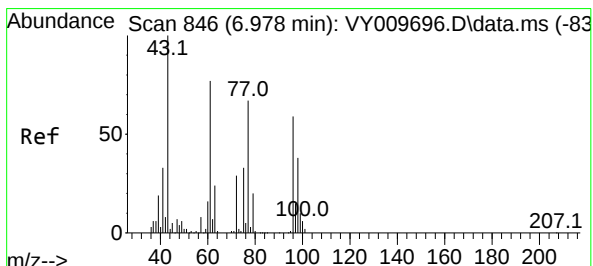
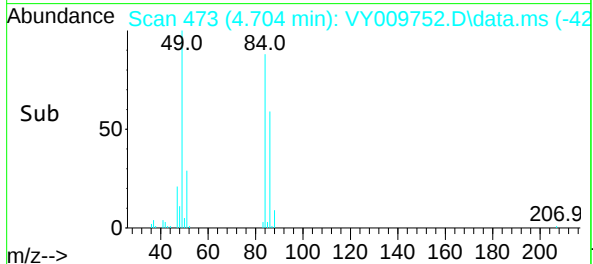
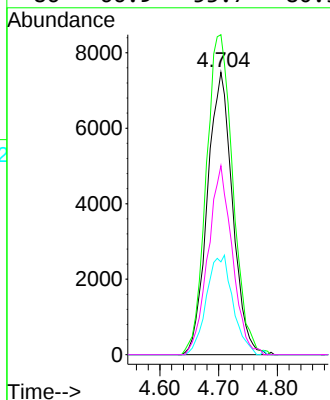
#20
Methylene Chloride
Concen: 3.685 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009752.D
Acq: 28 Jul 2022 15:38

Instrument :
MSVOA_Y
ClientSampleId :
PB-07-27-2022



Tgt Ion: 84 Resp: 22175

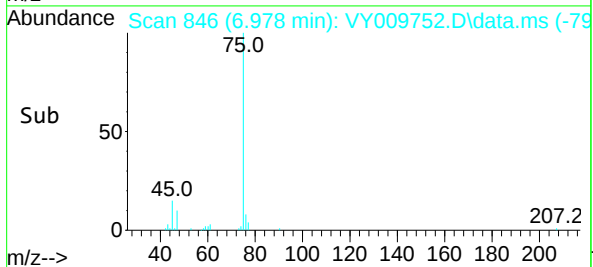
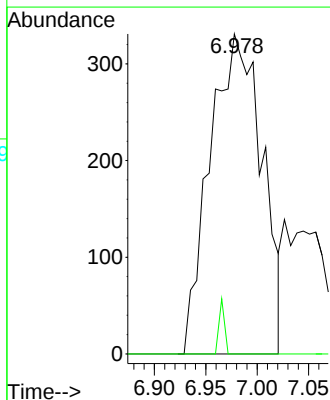
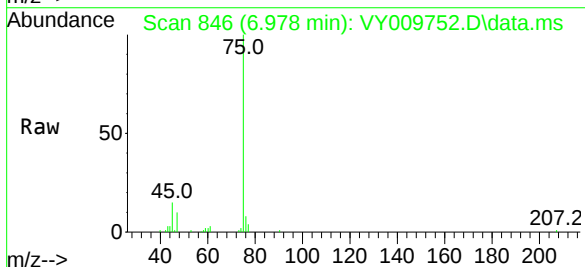
Ion	Ratio	Lower	Upper
84	100		
49	113.3	114.4	171.6#
51	32.9	35.3	52.9#
86	66.9	53.7	80.5

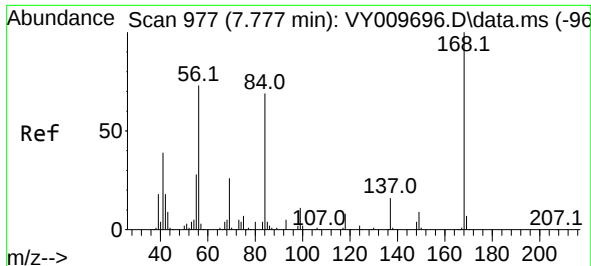


#25
2-Butanone
Concen: 2.165 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY009752.D
Acq: 28 Jul 2022 15:38

Tgt Ion: 43 Resp: 1166

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#

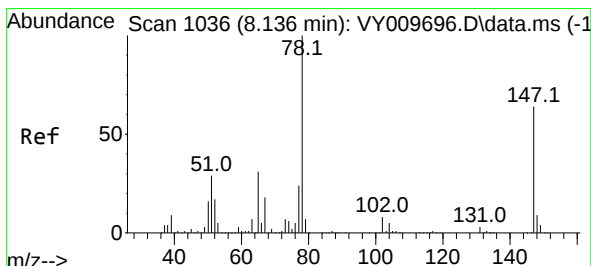
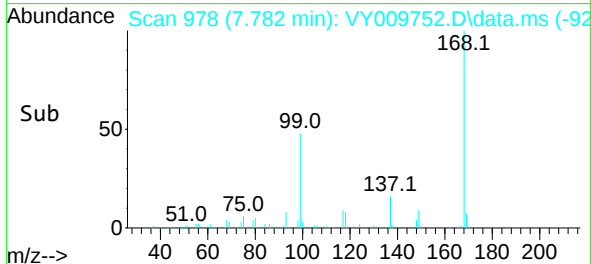
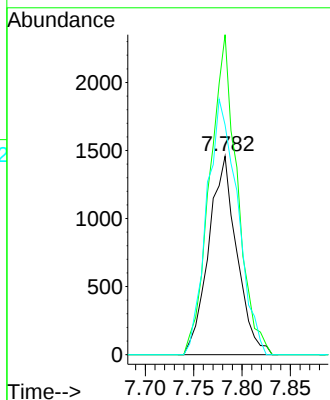
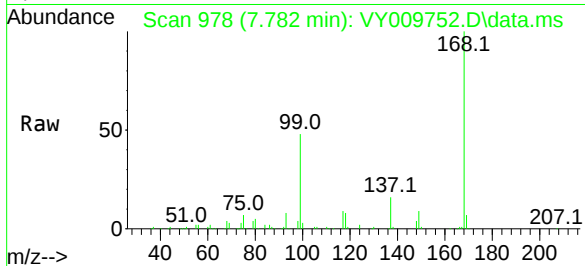




#31
Cyclohexane
Concen: 1.216 ug/l
RT: 7.782 min Scan# 91
Delta R.T. 0.005 min
Lab File: VY009752.D
Acq: 28 Jul 2022 15:38

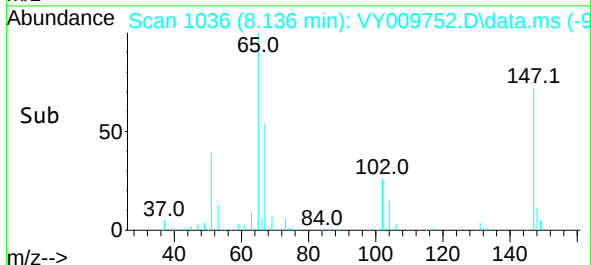
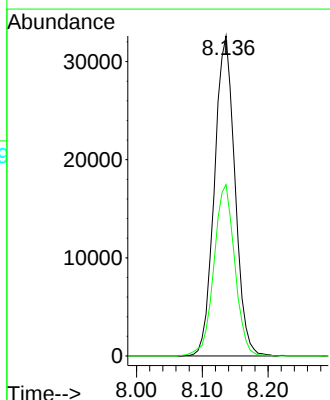
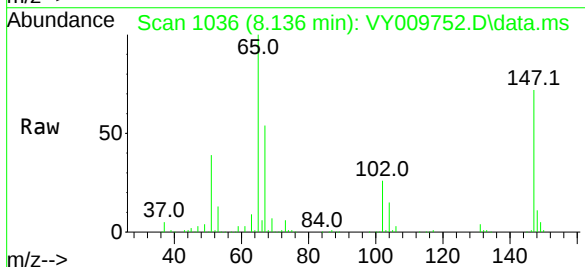
Instrument :
MSVOA_Y
ClientSampleId :
PB-07-27-2022

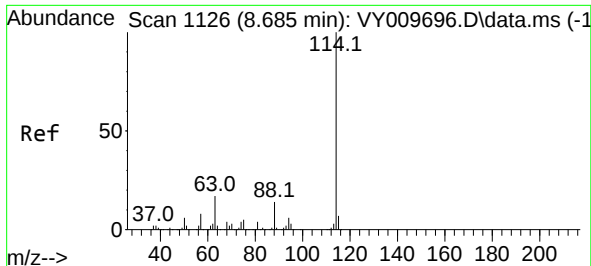
Tgt Ion: 56 Resp: 2954
Ion Ratio Lower Upper
56 100
69 161.2 26.7 40.1#
84 115.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 71.778 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009752.D
Acq: 28 Jul 2022 15:38

Tgt Ion: 65 Resp: 70655
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: VY009752.D

Acq: 28 Jul 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

PB-07-27-2022

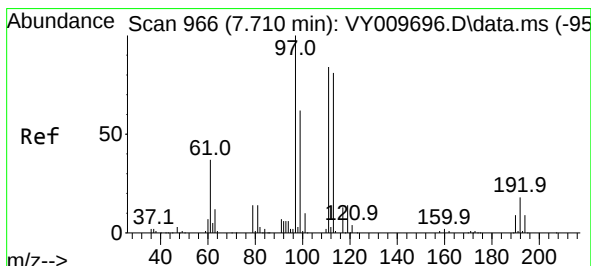
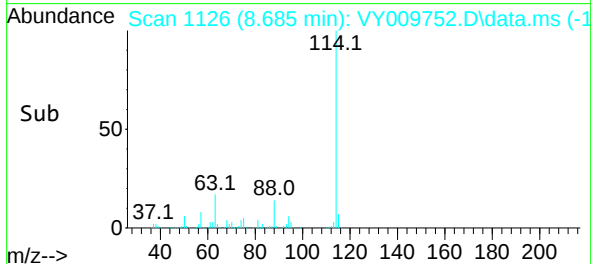
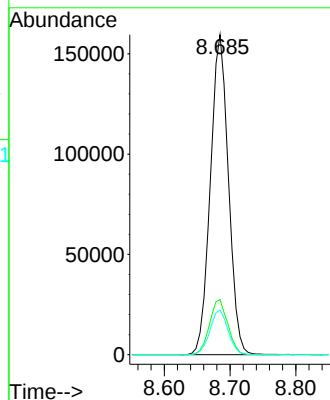
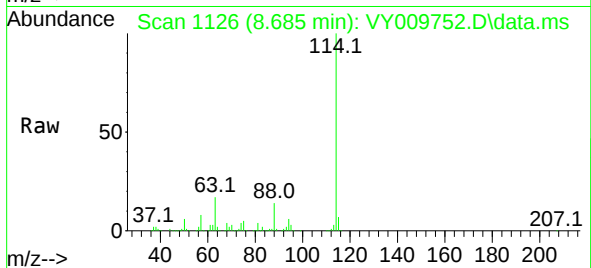
Tgt Ion:114 Resp: 304647

Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 40.007 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.001 min

Lab File: VY009752.D

Acq: 28 Jul 2022 15:38

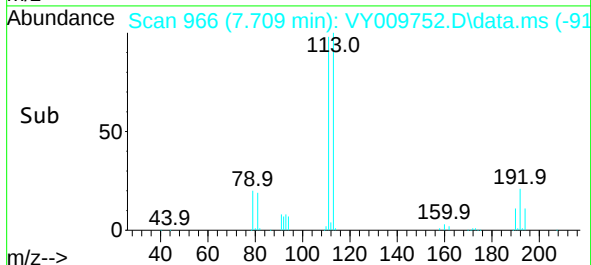
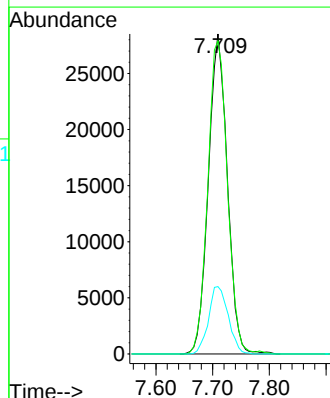
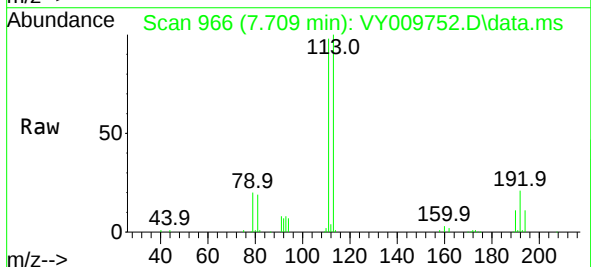
Tgt Ion:113 Resp: 66288

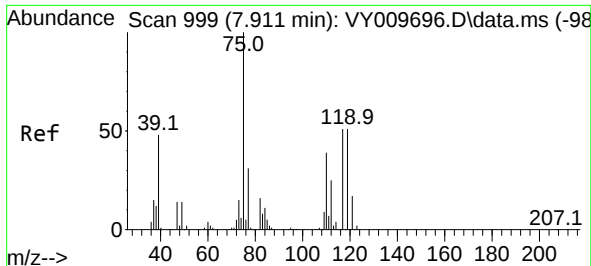
Ion Ratio Lower Upper

113 100

111 101.2 82.6 124.0

192 21.9 17.6 26.4

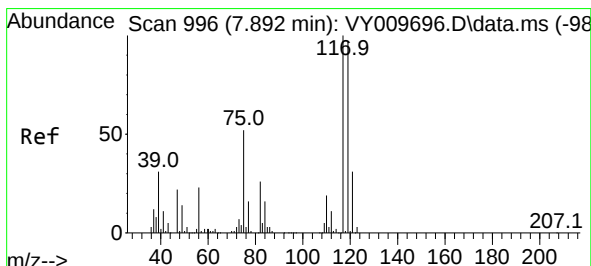
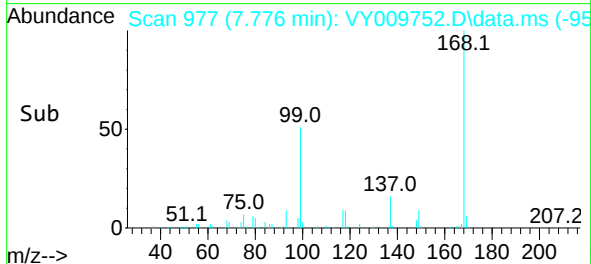
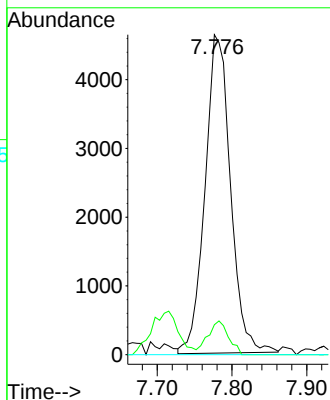
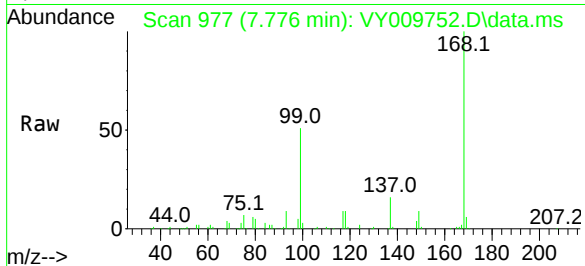




#36
1,1-Dichloropropene
Concen: 4.070 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.135 min
Lab File: VY009752.D
Acq: 28 Jul 2022 15:38

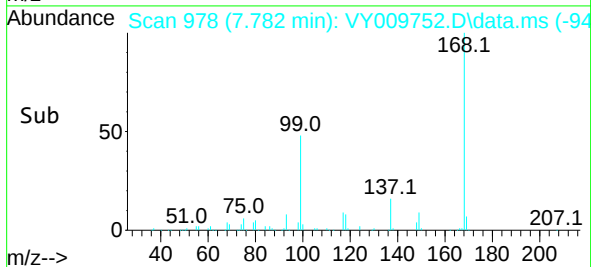
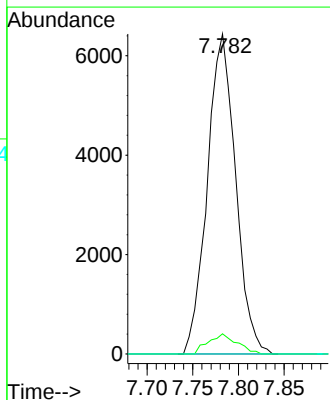
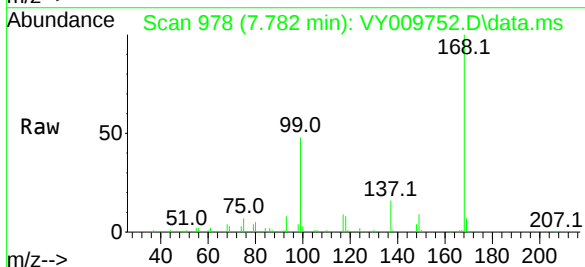
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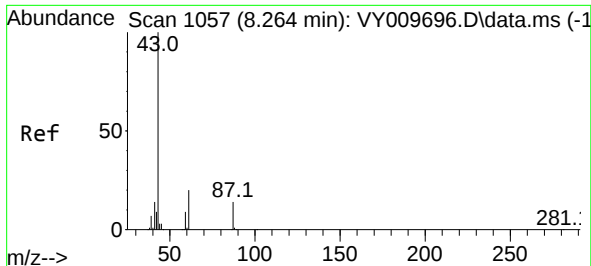
Tgt Ion: 75 Resp: 10973
Ion Ratio Lower Upper
75 100
110 8.5 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.801 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY009752.D
Acq: 28 Jul 2022 15:38

Tgt Ion: 117 Resp: 13871
Ion Ratio Lower Upper
117 100
119 6.3 77.9 116.9#
121 0.0 24.8 37.2#

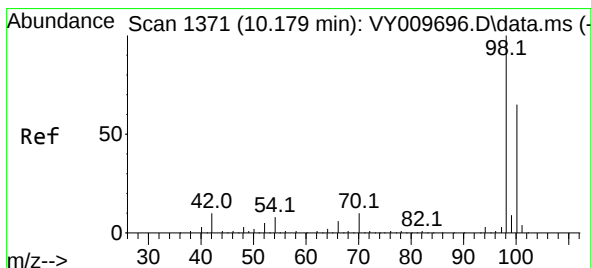
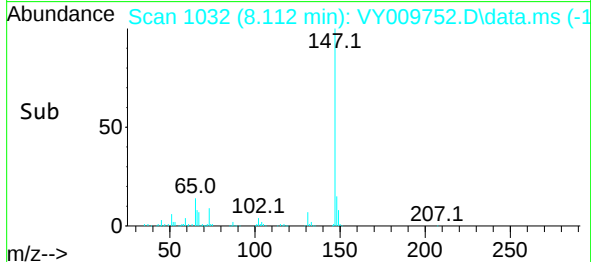
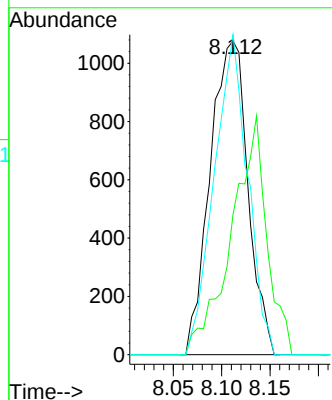
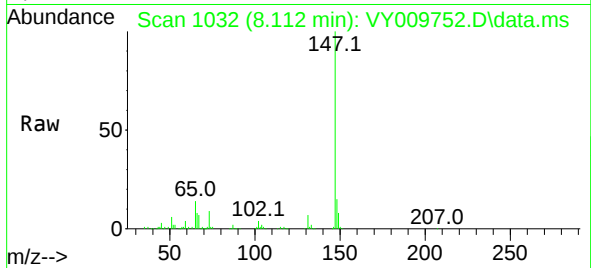




#43
Isopropyl Acetate
Concen: 1.047 ug/l
RT: 8.112 min Scan# 1057
Delta R.T. -0.152 min
Lab File: VY009752.D
Acq: 28 Jul 2022 15:38

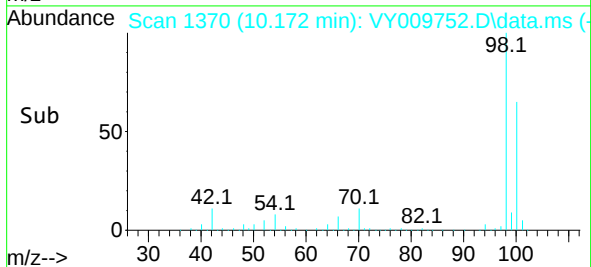
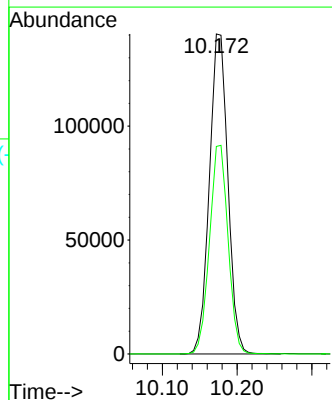
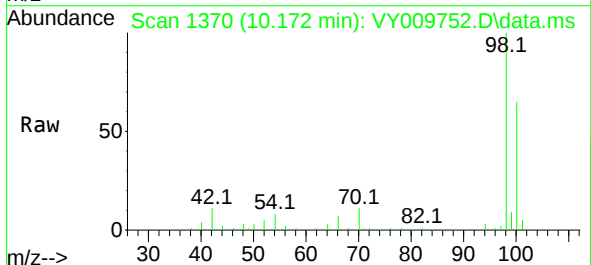
Instrument : MSVOA_Y
ClientSampleId : PB-07-27-2022

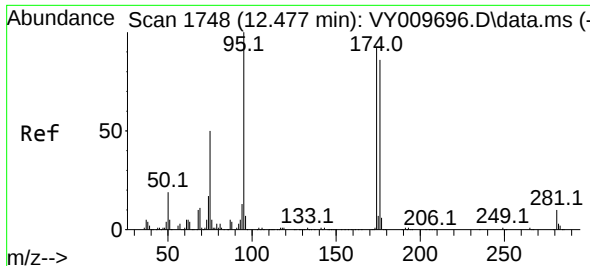
Tgt Ion: 43 Resp: 2923
Ion Ratio Lower Upper
43 100
61 0.0 20.2 30.2#
87 90.2 8.9 13.3#



#50
Toluene-d8
Concen: 50.082 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. -0.007 min
Lab File: VY009752.D
Acq: 28 Jul 2022 15:38

Tgt Ion: 98 Resp: 241634
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

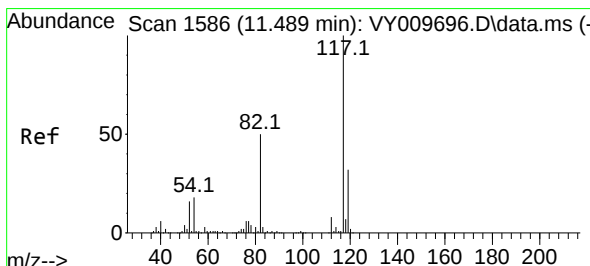
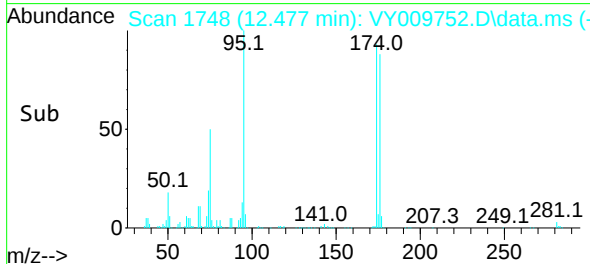
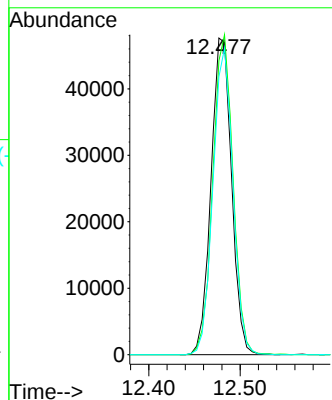
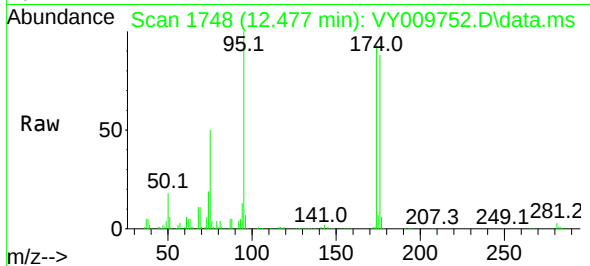




#62
4-Bromofluorobenzene
Concen: 33.829 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009752.D
Acq: 28 Jul 2022 15:38

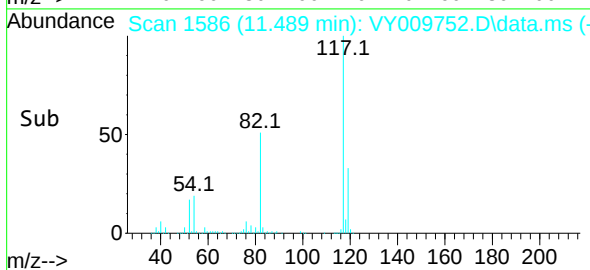
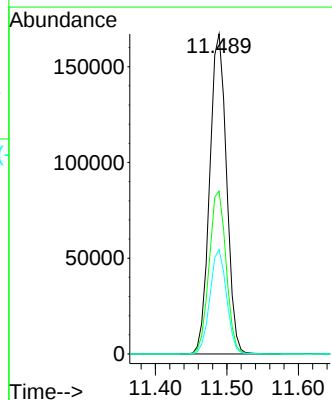
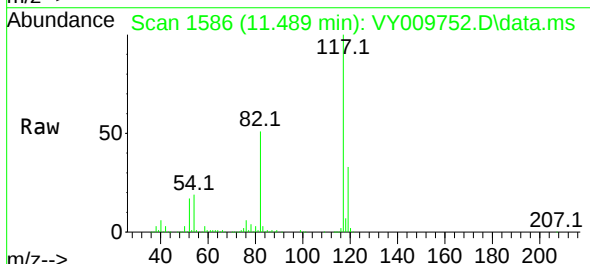
Instrument :
MSVOA_Y
ClientSampleId :
PB-07-27-2022

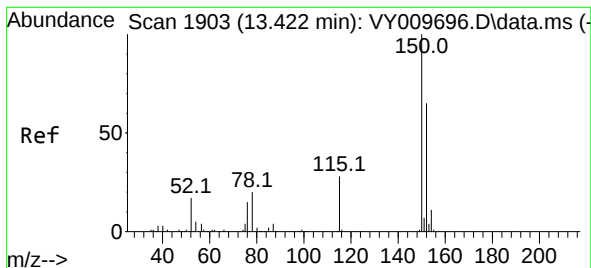
Tgt Ion: 95 Resp: 74322
Ion Ratio Lower Upper
95 100
174 99.5 0.0 177.0
176 94.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009752.D
Acq: 28 Jul 2022 15:38

Tgt Ion: 117 Resp: 273610
Ion Ratio Lower Upper
117 100
82 50.9 43.0 64.4
119 32.6 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY009752.D

Acq: 28 Jul 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

PB-07-27-2022

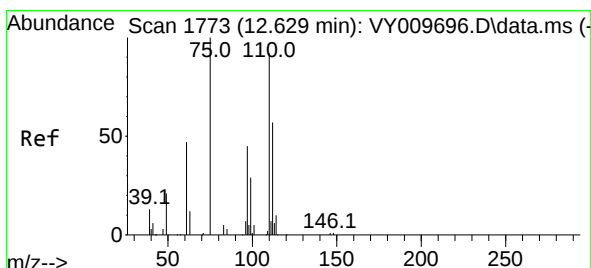
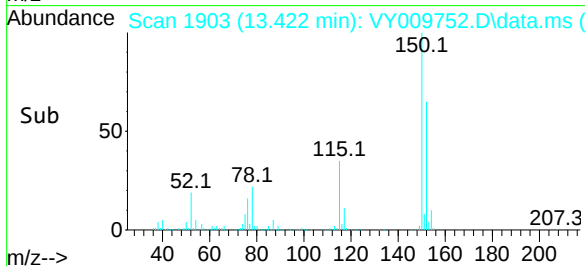
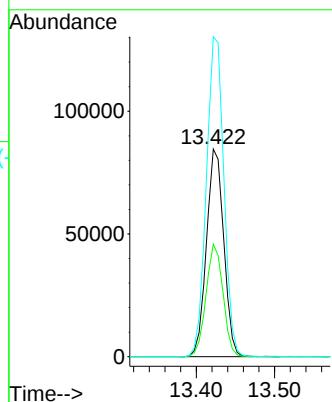
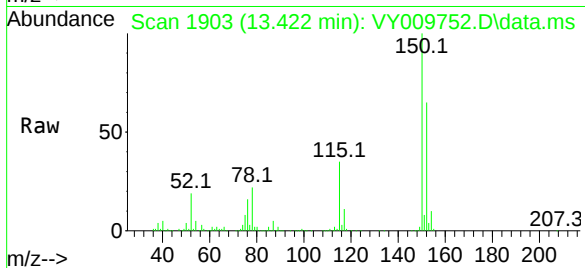
Tgt Ion:152 Resp: 129485

Ion Ratio Lower Upper

152 100

115 53.1 28.2 84.7

150 155.9 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 31.423 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY009752.D

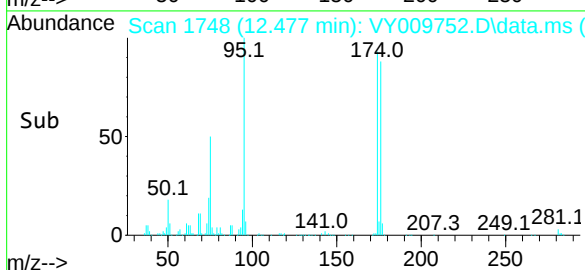
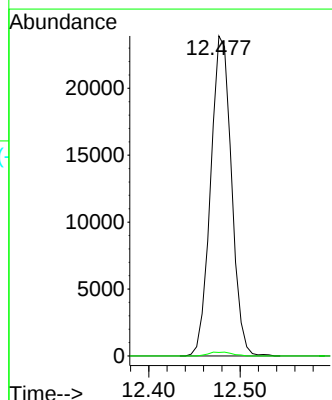
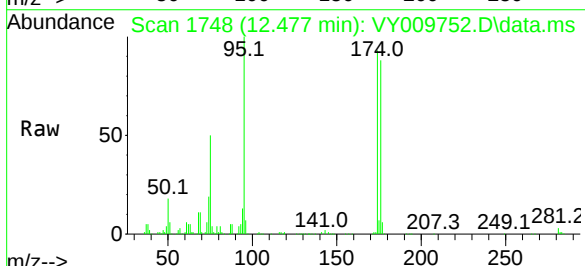
Acq: 28 Jul 2022 15:38

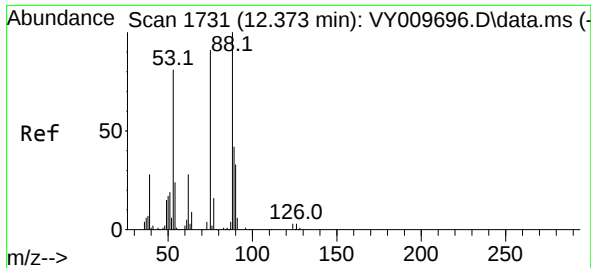
Tgt Ion: 75 Resp: 37793

Ion Ratio Lower Upper

75 100

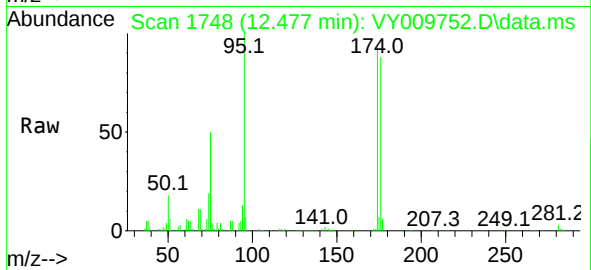
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.635 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009752.D
 Acq: 28 Jul 2022 15:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 PB-07-27-2022



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

