

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072922\
 Data File : VY009774.D
 Acq On : 29 Jul 2022 15:52
 Operator : KP/MD
 Sample : N3920-01RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Aug 01 01:14:00 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)

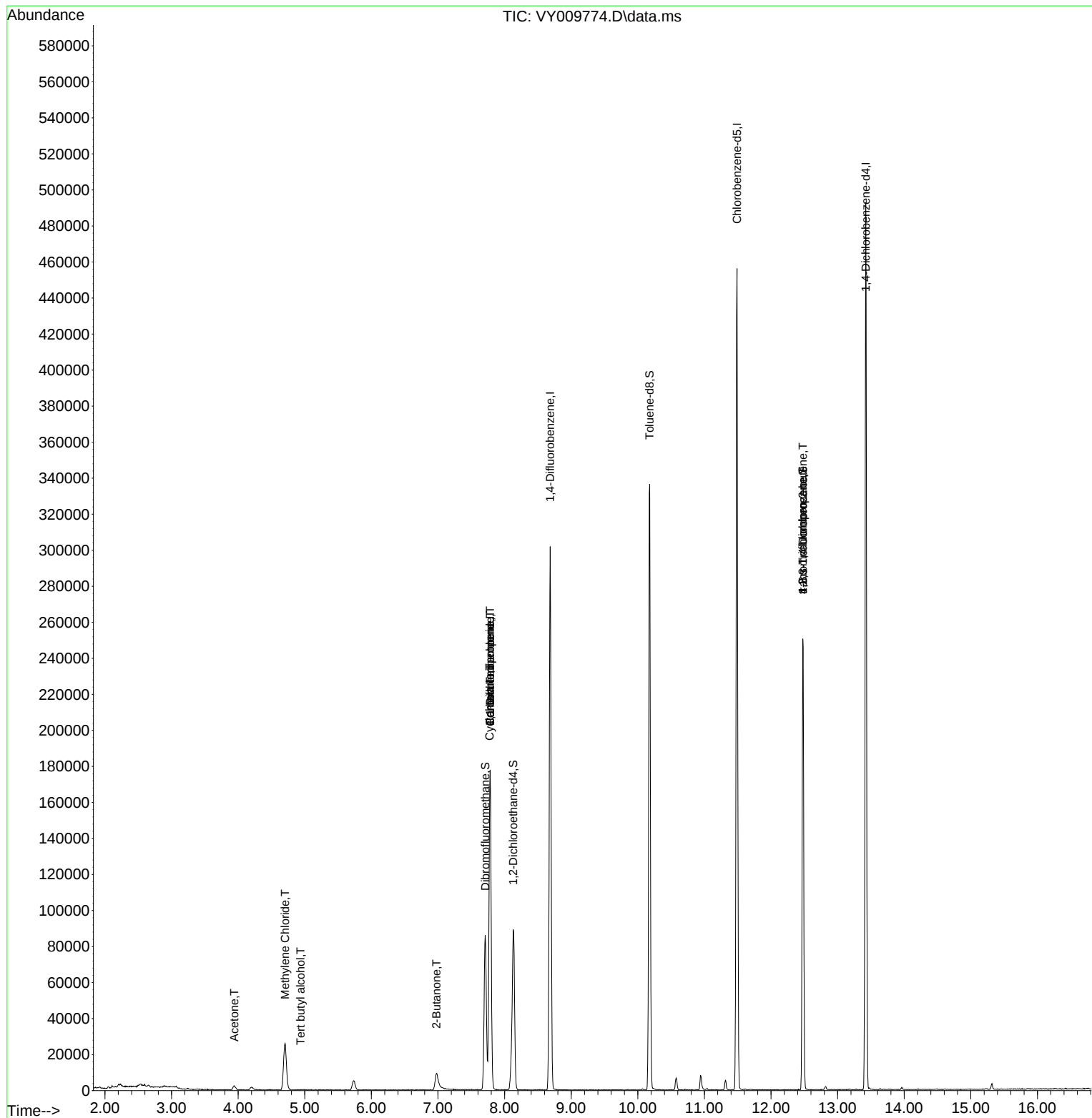
Internal Standards						
1) Pentafluorobenzene	7.782	168	148580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	261795	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	257285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	130314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	62747	64.996	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.000%	
35) Dibromofluoromethane	7.709	113	60838	42.728	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 85.460%	
50) Toluene-d8	10.178	98	221864	53.828	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 107.660%	
62) 4-Bromofluorobenzene	12.477	95	73192	38.767	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 77.540%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.935	59	271	1.043	ug/l #	77
16) Acetone	3.942	43	4222	11.885	ug/l	97
18) Methyl Acetate	4.466	43	100	Below Cal	#	56
20) Methylene Chloride	4.704	84	19833	2.414	ug/l	85
25) 2-Butanone	6.978	43	700	1.336	ug/l #	54
31) Cyclohexane	7.776	56	2664	1.127	ug/l #	1
36) 1,1-Dichloropropene	7.782	75	10248	4.423	ug/l #	51
38) Carbon Tetrachloride	7.782	117	13786	5.553	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	37092	30.644	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	37092	61.082	ug/l #	7

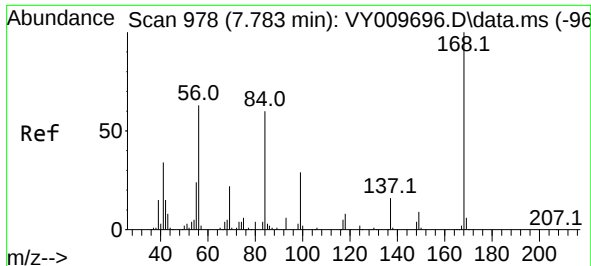
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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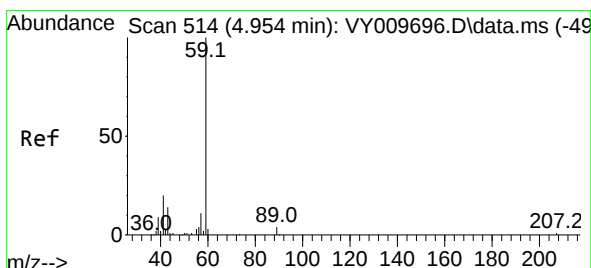
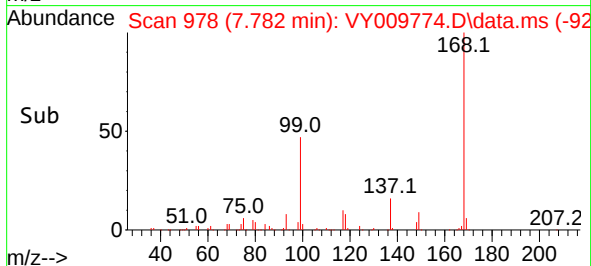
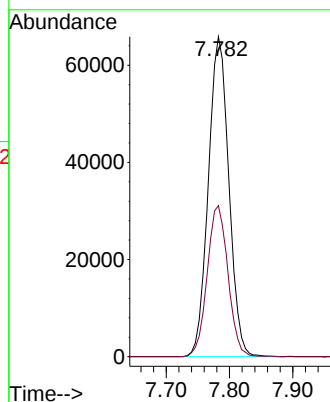
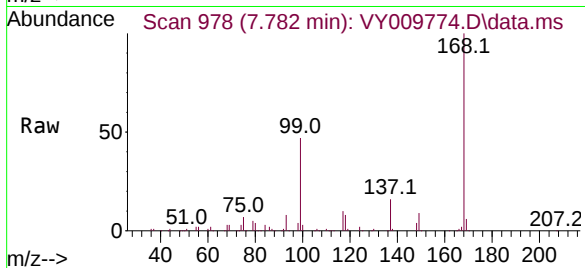




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY009774.D
Acq: 29 Jul 2022 15:52

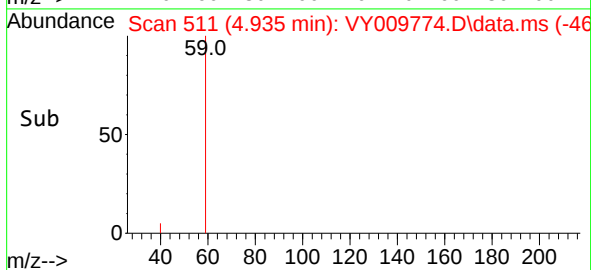
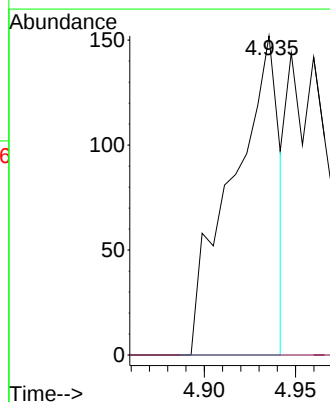
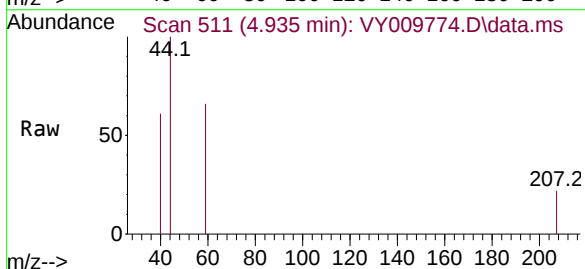
Instrument :
MSVOA_Y
ClientSampleId :
PB-07-27-2022

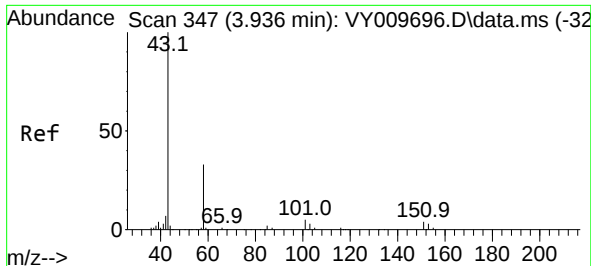
Tgt Ion:168 Resp: 148580
Ion Ratio Lower Upper
168 100
99 47.2 46.9 70.3



#11
Tert butyl alcohol
Concen: 1.043 ug/l
RT: 4.935 min Scan# 511
Delta R.T. -0.019 min
Lab File: VY009774.D
Acq: 29 Jul 2022 15:52

Tgt Ion: 59 Resp: 271
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

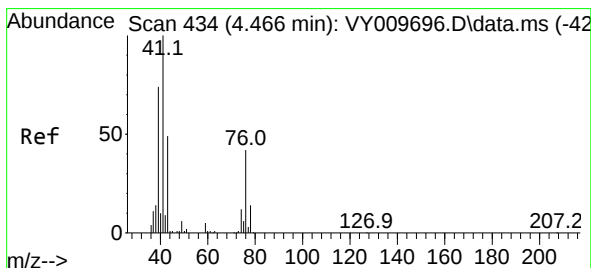
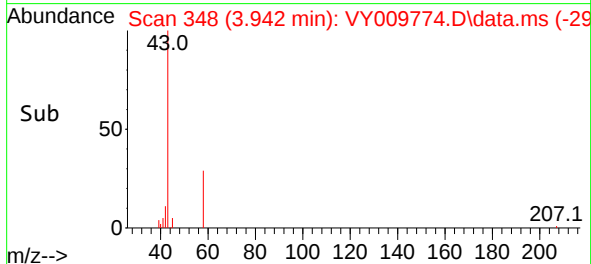
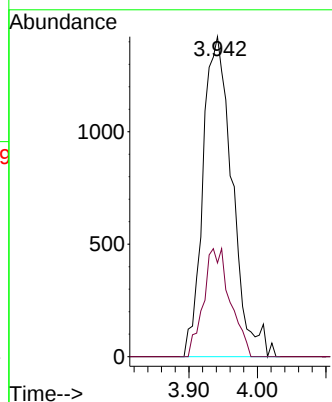
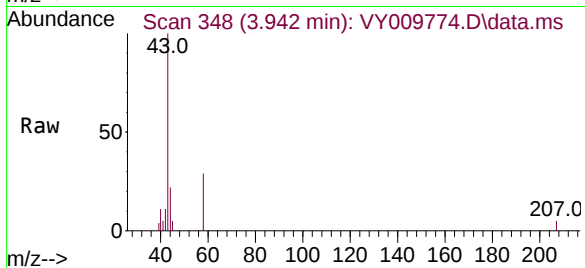




#16
Acetone
Concen: 11.885 ug/l
RT: 3.942 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY009774.D
Acq: 29 Jul 2022 15:52

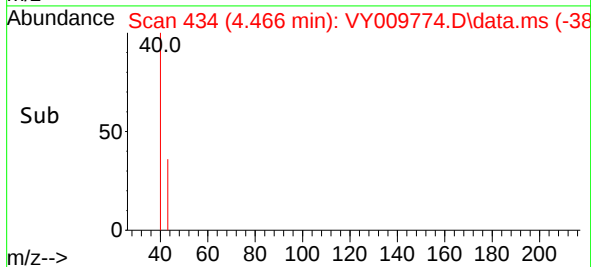
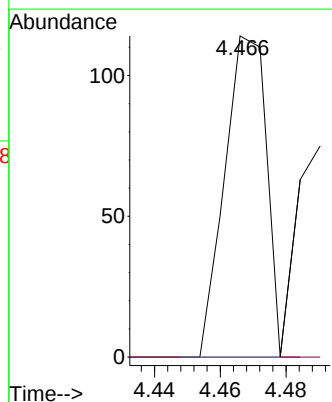
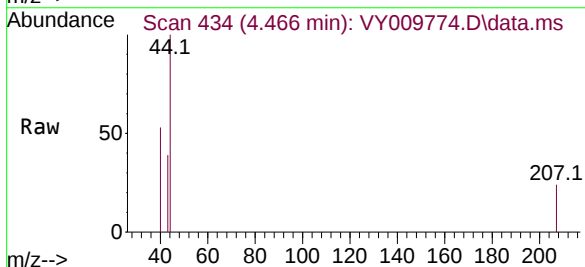
Instrument :
MSVOA_Y
ClientSampleId :
PB-07-27-2022

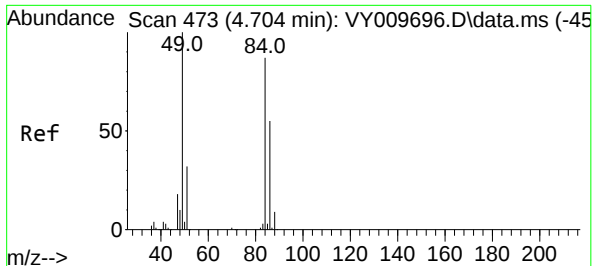
Tgt Ion: 43 Resp: 4222
Ion Ratio Lower Upper
43 100
58 29.3 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009774.D
Acq: 29 Jul 2022 15:52

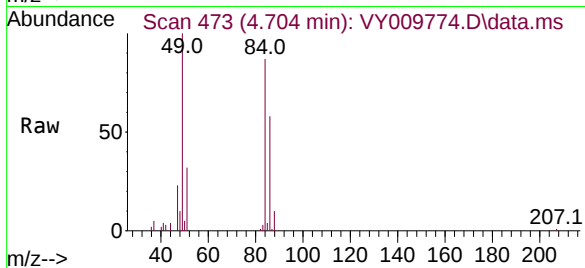
Tgt Ion: 43 Resp: 100
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



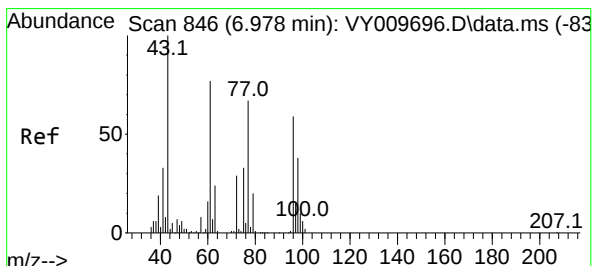
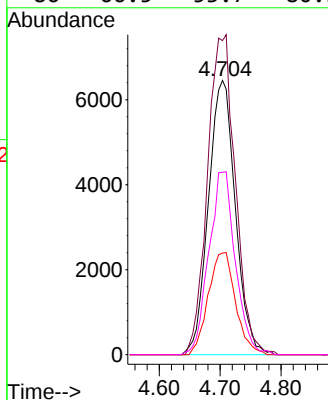
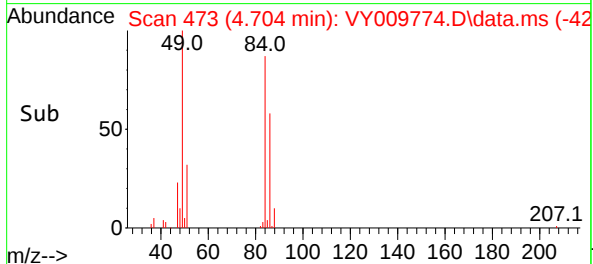


#20
Methylene Chloride
Concen: 2.414 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009774.D
Acq: 29 Jul 2022 15:52

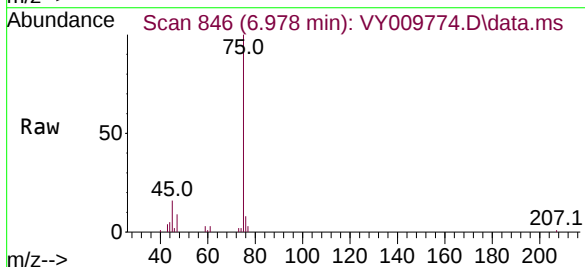
Instrument :
MSVOA_Y
ClientSampleId :
PB-07-27-2022



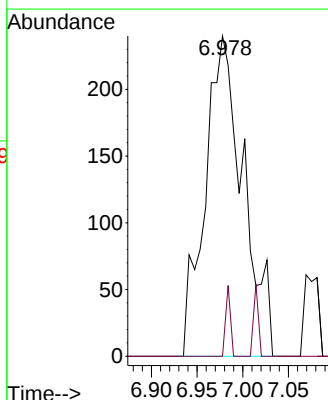
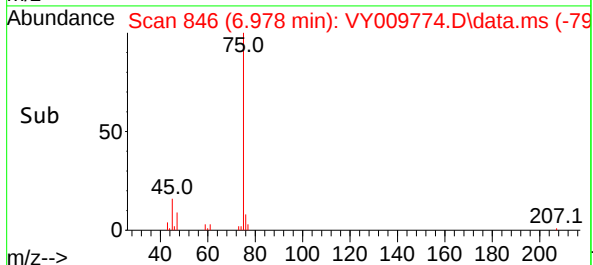
Tgt Ion:	84	Resp:	19833
Ion	Ratio	Lower	Upper
84	100		
49	114.5	114.4	171.6
51	37.0	35.3	52.9
86	66.5	53.7	80.5

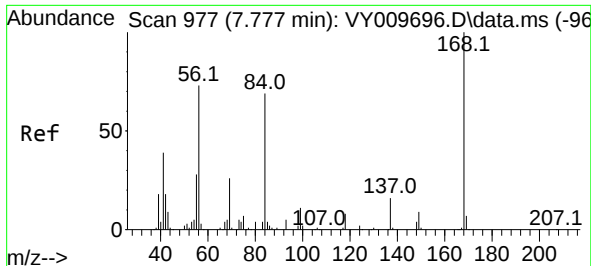


#25
2-Butanone
Concen: 1.336 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY009774.D
Acq: 29 Jul 2022 15:52



Tgt Ion:	43	Resp:	700
Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#

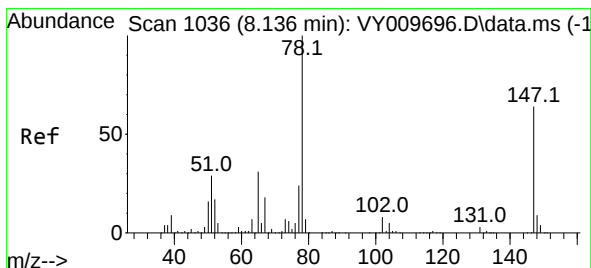
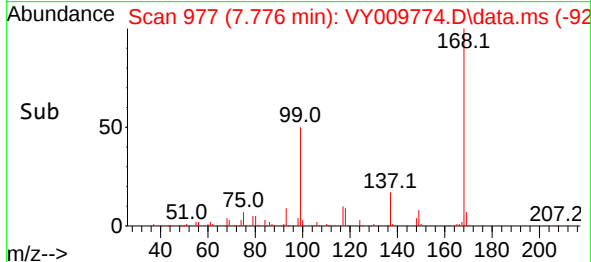
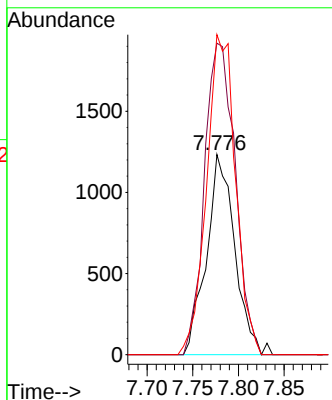
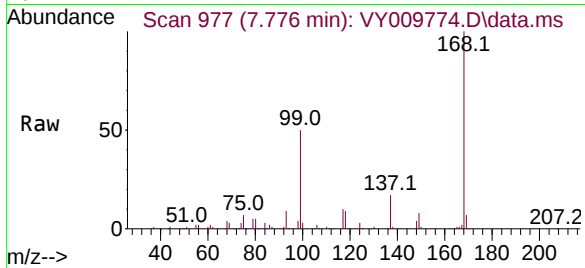




#31
Cyclohexane
Concen: 1.127 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY009774.D
Acq: 29 Jul 2022 15:52

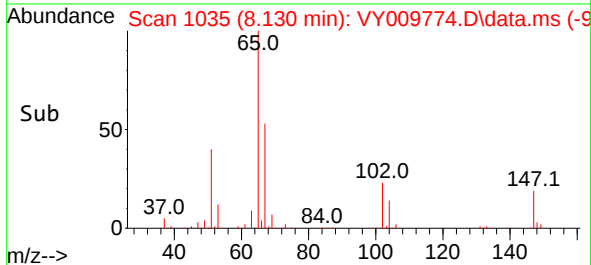
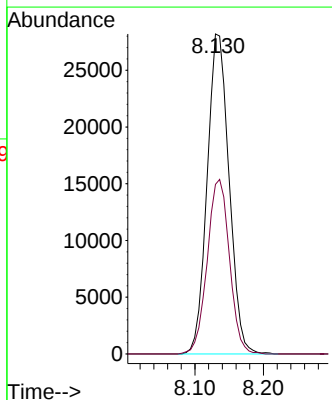
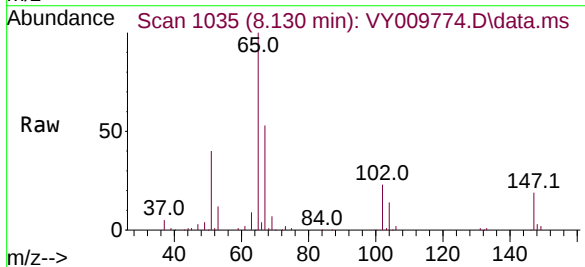
Instrument :
MSVOA_Y
ClientSampleId :
PB-07-27-2022

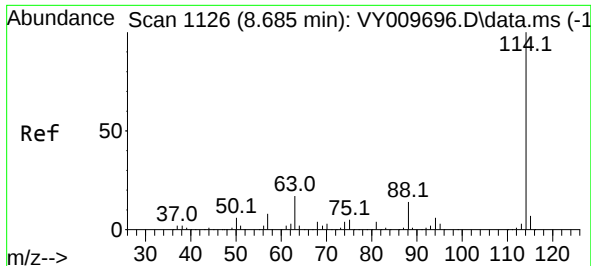
Tgt Ion: 56 Resp: 2664
Ion Ratio Lower Upper
56 100
69 155.6 26.7 40.1#
84 159.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 64.996 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009774.D
Acq: 29 Jul 2022 15:52

Tgt Ion: 65 Resp: 62747
Ion Ratio Lower Upper
65 100
67 55.3 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: VY009774.D

Acq: 29 Jul 2022 15:52

Instrument :

MSVOA_Y

ClientSampleId :

PB-07-27-2022

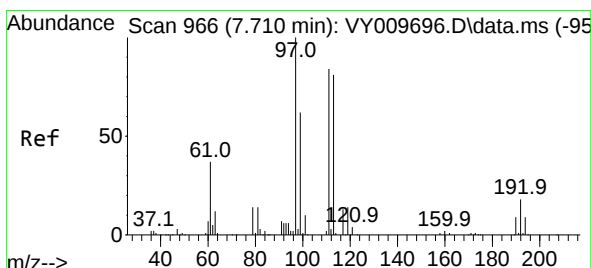
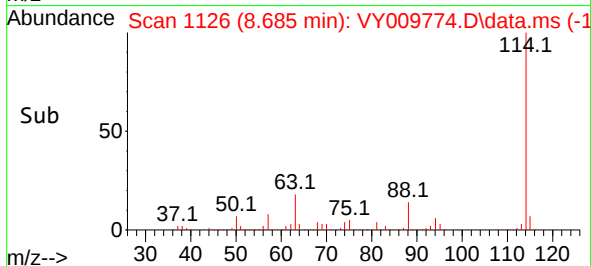
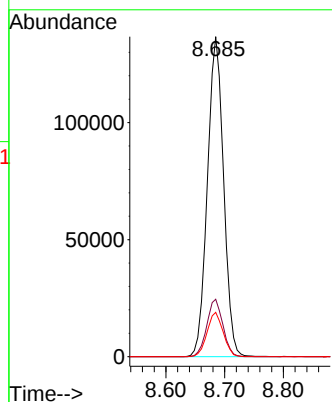
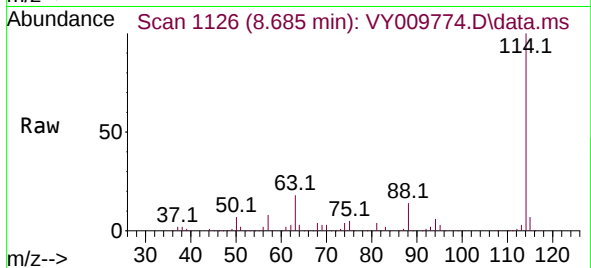
Tgt Ion:114 Resp: 261795

Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.728 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.001 min

Lab File: VY009774.D

Acq: 29 Jul 2022 15:52

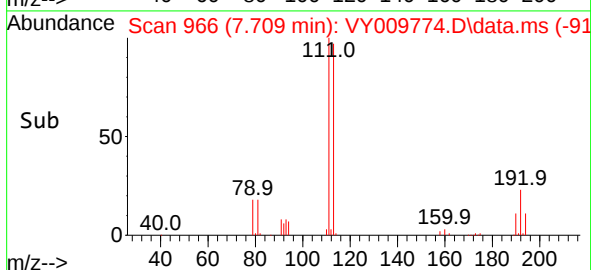
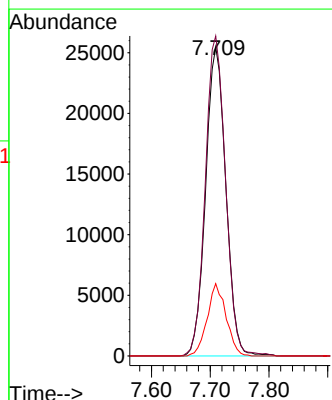
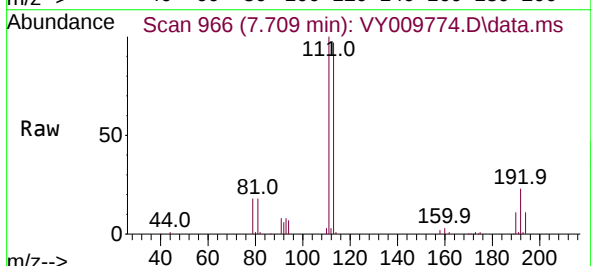
Tgt Ion:113 Resp: 60838

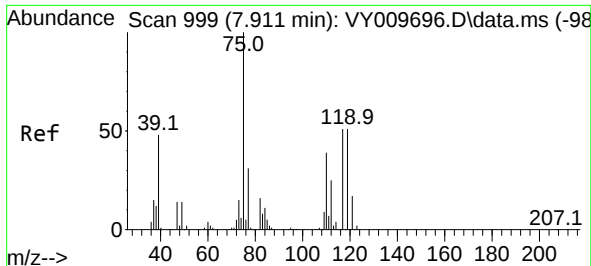
Ion Ratio Lower Upper

113 100

111 103.7 82.6 124.0

192 21.9 17.6 26.4

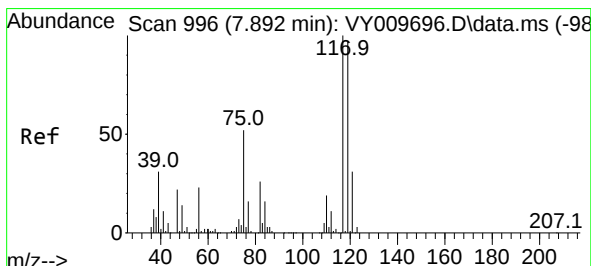
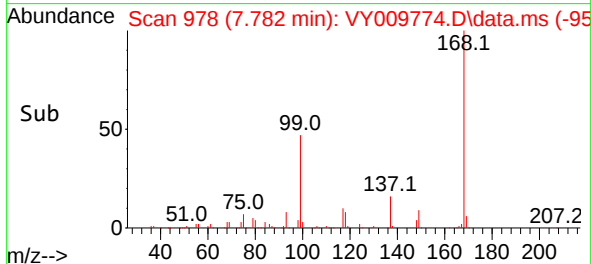
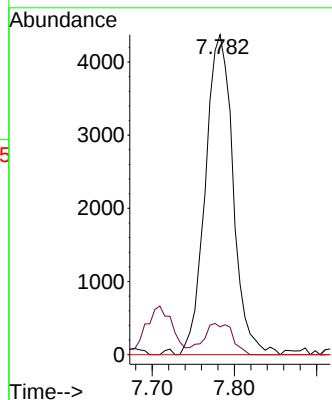
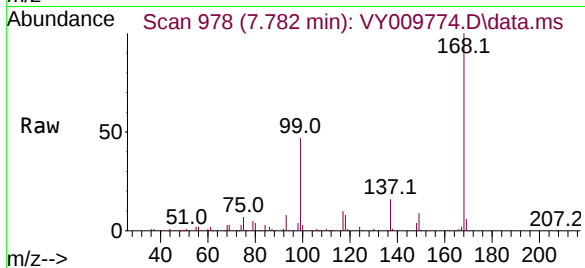




#36
 1,1-Dichloropropene
 Concen: 4.423 ug/l
 RT: 7.782 min Scan# 91
 Delta R.T. -0.129 min
 Lab File: VY009774.D
 Acq: 29 Jul 2022 15:52

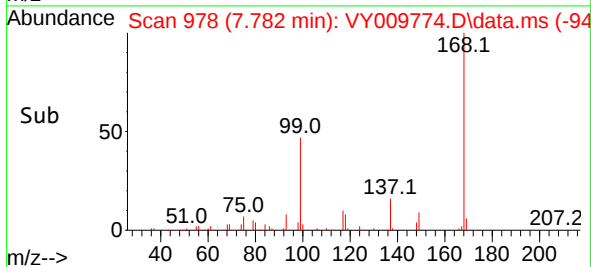
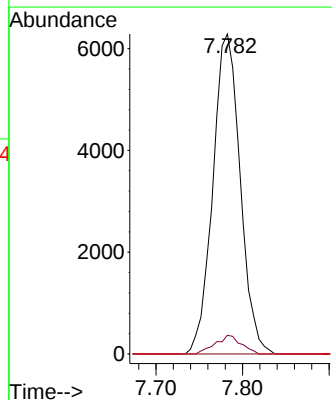
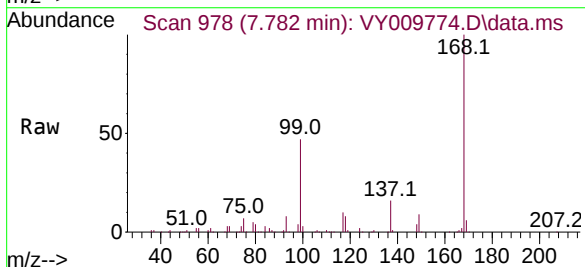
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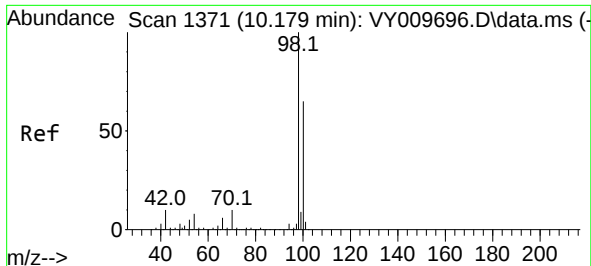
Tgt Ion: 75 Resp: 10248
 Ion Ratio Lower Upper
 75 100
 110 10.1 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.553 ug/l
 RT: 7.782 min Scan# 978
 Delta R.T. -0.110 min
 Lab File: VY009774.D
 Acq: 29 Jul 2022 15:52

Tgt Ion: 117 Resp: 13786
 Ion Ratio Lower Upper
 117 100
 119 5.9 77.9 116.9#
 121 0.0 24.8 37.2#

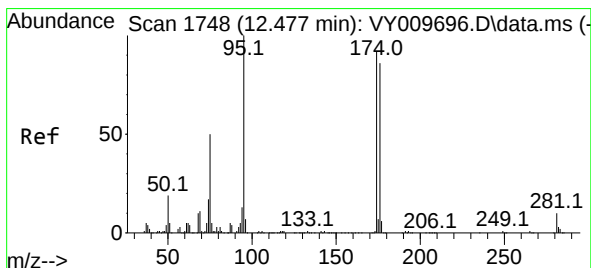
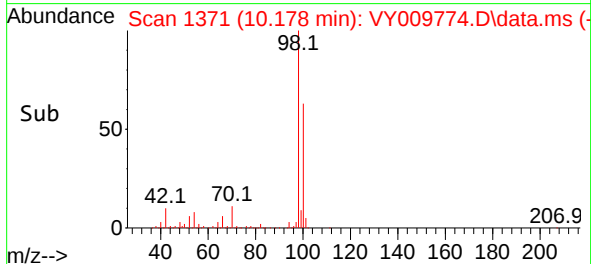
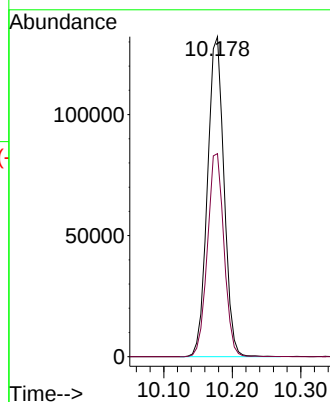
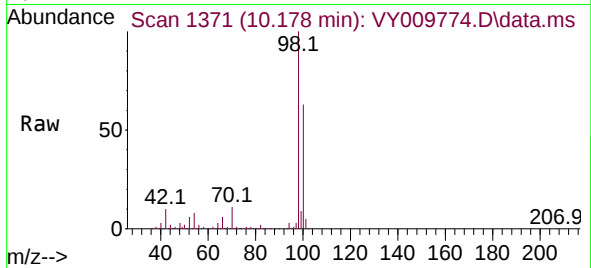




#50
Toluene-d8
Concen: 53.828 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009774.D
Acq: 29 Jul 2022 15:52

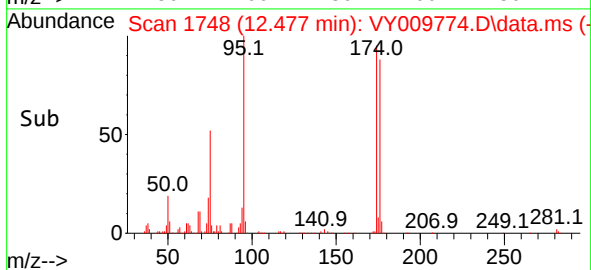
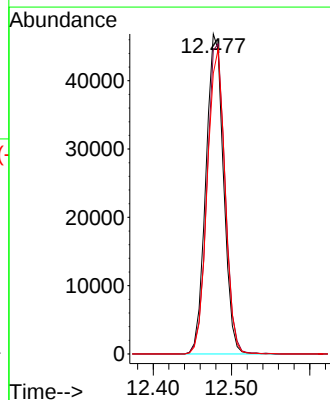
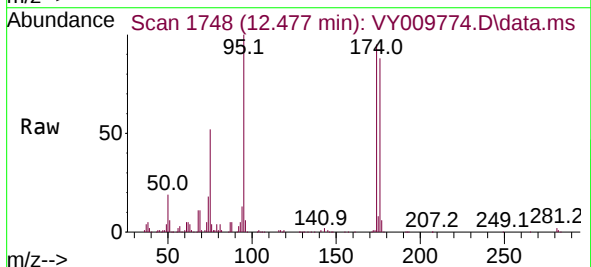
Instrument :
MSVOA_Y
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PB-07-27-2022

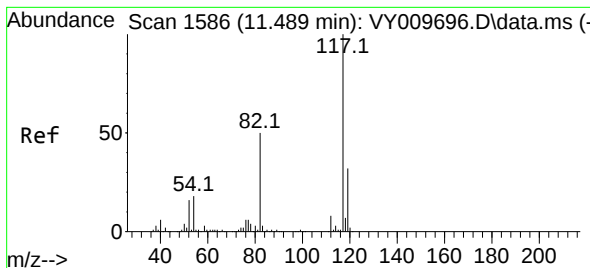
Tgt Ion: 98 Resp: 221864
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.767 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009774.D
Acq: 29 Jul 2022 15:52

Tgt Ion: 95 Resp: 73192
Ion Ratio Lower Upper
95 100
174 98.8 0.0 177.0
176 95.4 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009774.D

Acq: 29 Jul 2022 15:52

Instrument :

MSVOA_Y

ClientSampleId :

PB-07-27-2022

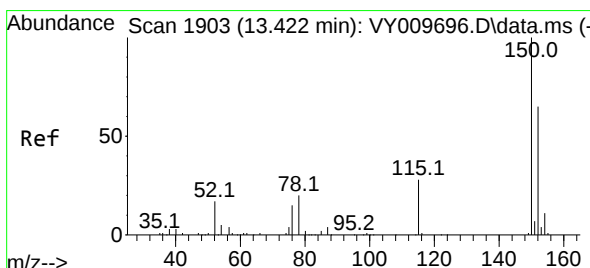
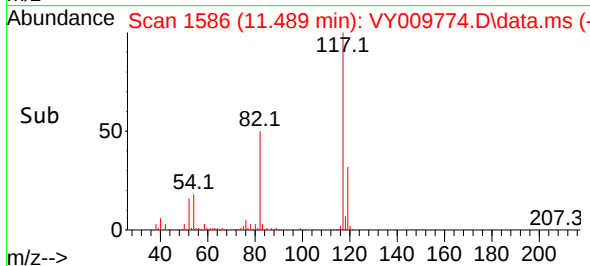
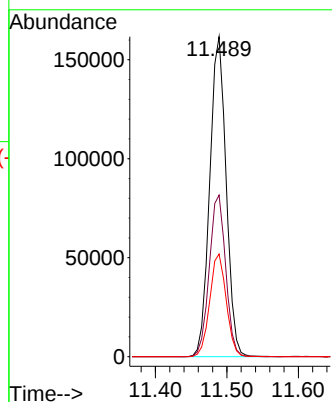
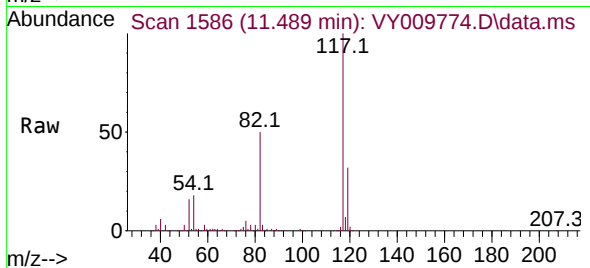
Tgt Ion:117 Resp: 257285

Ion Ratio Lower Upper

117 100

82 50.5 43.0 64.4

119 32.1 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: VY009774.D

Acq: 29 Jul 2022 15:52

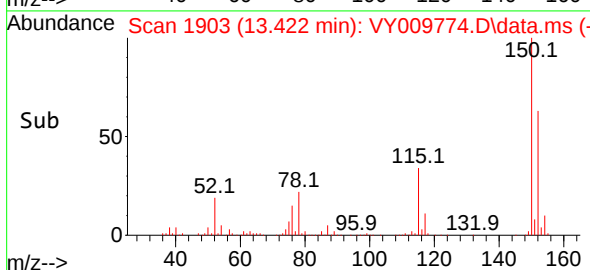
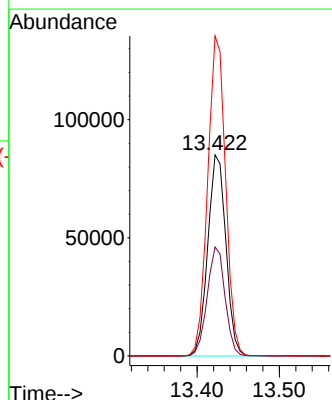
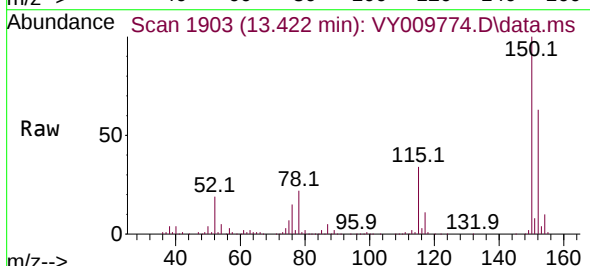
Tgt Ion:152 Resp: 130314

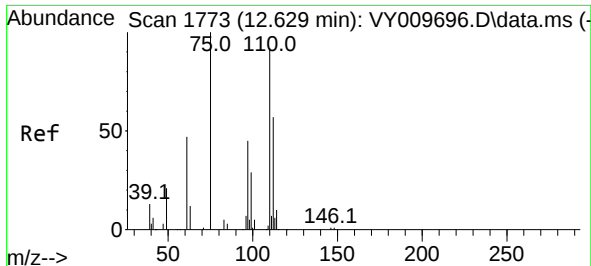
Ion Ratio Lower Upper

152 100

115 53.4 28.2 84.7

150 157.2 0.0 347.6

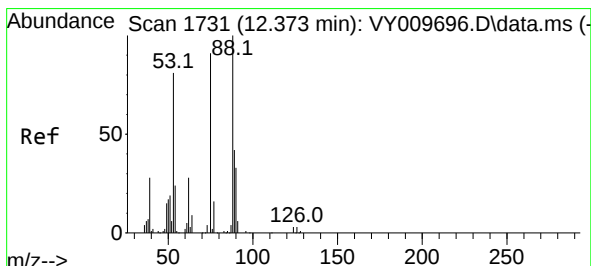
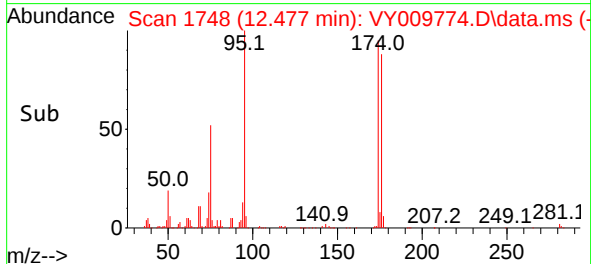
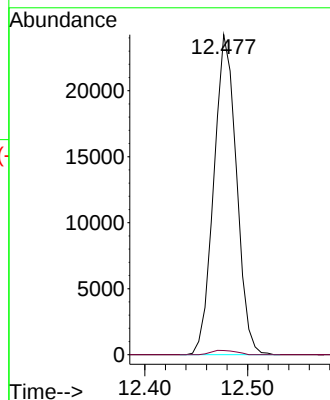
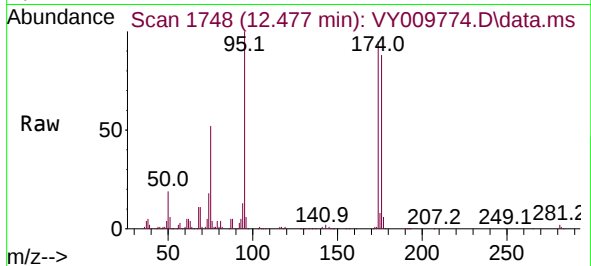




#76
1,2,3-Trichloropropane
Concen: 30.644 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009774.D
Acq: 29 Jul 2022 15:52

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

Tgt Ion: 75 Resp: 37092
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.082 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009774.D
Acq: 29 Jul 2022 15:52

Tgt Ion: 75 Resp: 37092
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#

