

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019178.D
 Acq On : 21 Aug 2024 18:43
 Operator : SY/MD
 Sample : P3643-06
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 22 01:17:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

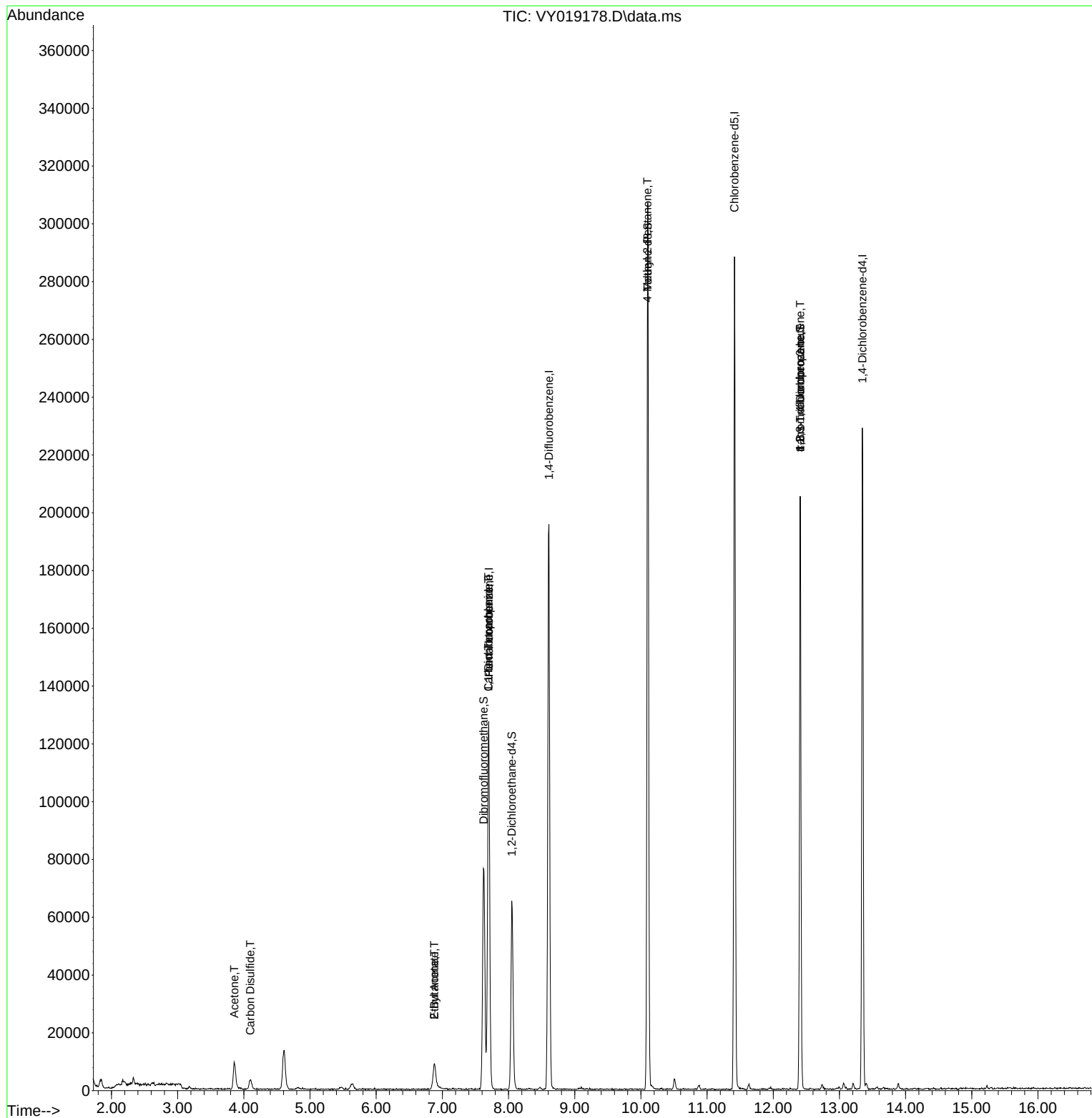
Internal Standards						
1) Pentafluorobenzene	7.701	168	96716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	174569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	151273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	57136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	52195	53.837	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.680%	
35) Dibromofluoromethane	7.622	113	54612	47.845	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.700%	
50) Toluene-d8	10.103	98	194871	47.441	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.880%	
62) 4-Bromofluorobenzene	12.408	95	59552	42.528	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 85.060%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.623	94	211	Below Cal	#	3
6) Chloroethane	2.720	64	21	Below Cal	#	42
11) Tert butyl alcohol	4.836	59	535	Below Cal	#	88
13) Acrolein	3.653	56	21	Below Cal	#	15
16) Acetone	3.854	43	15672	87.165	ug/l	92
17) Carbon Disulfide	4.098	76	6475	2.380	ug/l #	91
20) Methylene Chloride	4.610	84	10210	Below Cal		97
25) 2-Butanone	6.878	43	5297	18.293	ug/l #	88
31) Cyclohexane	7.701	56	1926	Below Cal	#	30
36) 1,1-Dichloropropene	7.695	75	7947	5.070	ug/l #	49
37) Ethyl Acetate	6.878	43	5297	7.628	ug/l #	67
38) Carbon Tetrachloride	7.695	117	9792	5.391	ug/l #	16
51) 4-Methyl-2-Pentanone	10.097	43	959	1.287	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	32320	57.359	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	32320	141.659	ug/l #	16

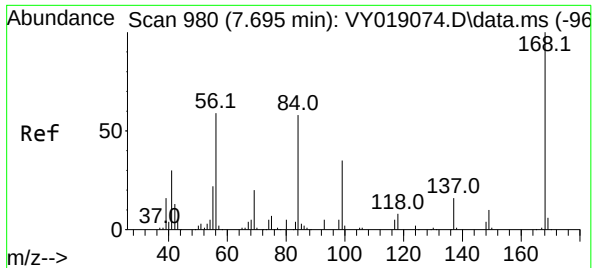
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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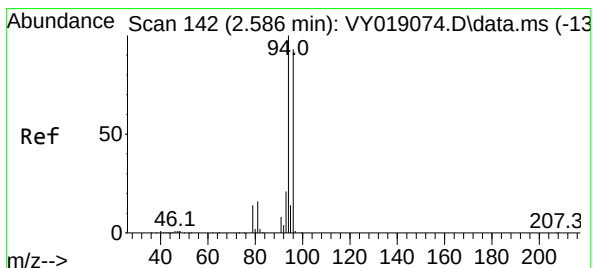
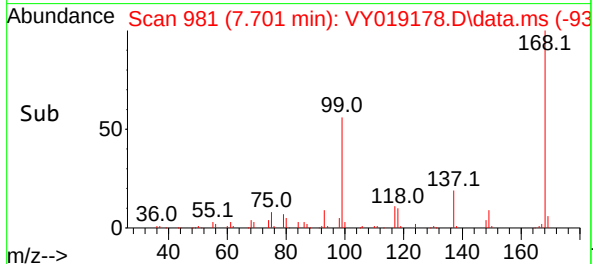
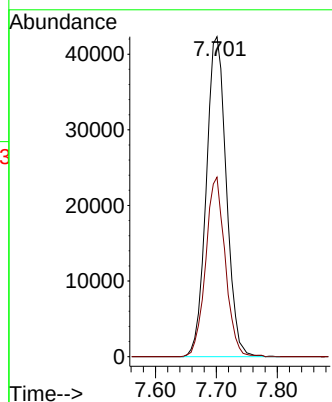
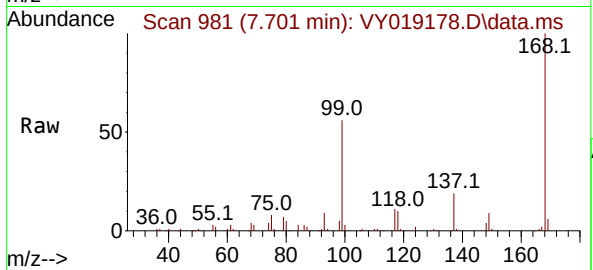




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019178.D
Acq: 21 Aug 2024 18:43

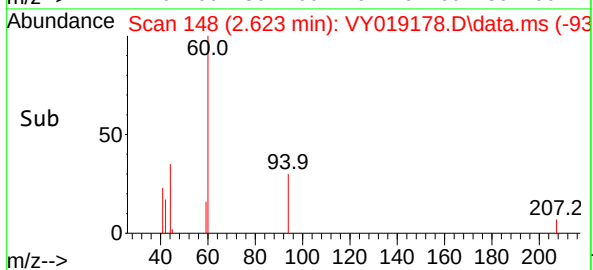
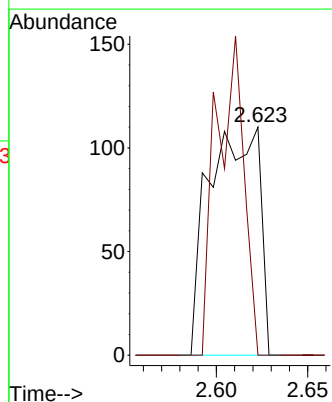
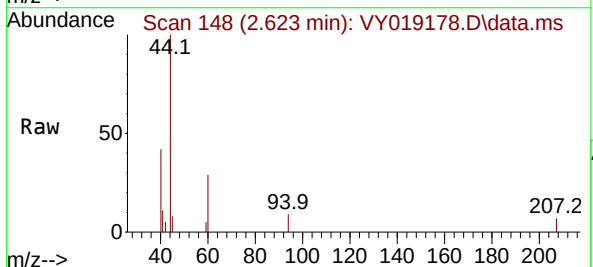
Instrument :
MSVOA_Y
ClientSampleId :

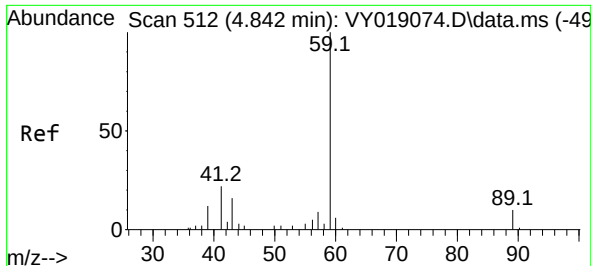
Tgt Ion:168 Resp: 96716
Ion Ratio Lower Upper
168 100
99 56.1 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.623 min Scan# 148
Delta R.T. 0.037 min
Lab File: VY019178.D
Acq: 21 Aug 2024 18:43

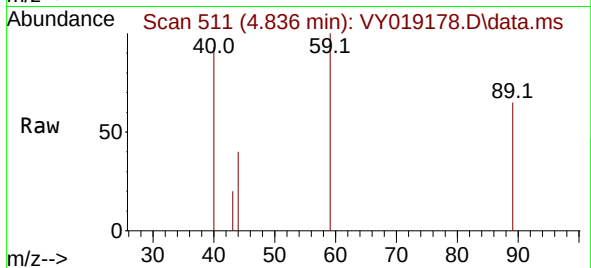
Tgt Ion: 94 Resp: 211
Ion Ratio Lower Upper
94 100
96 0.0 74.1 111.1#



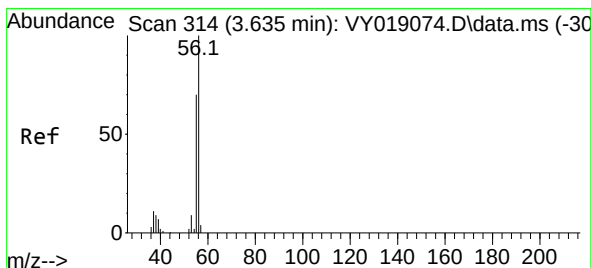
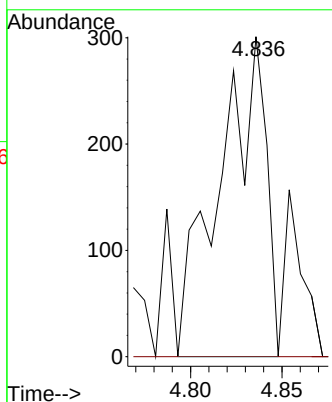
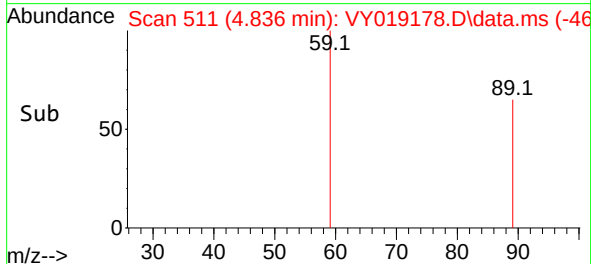


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.836 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY019178.D
Acq: 21 Aug 2024 18:43

Instrument :
MSVOA_Y
ClientSampleId :

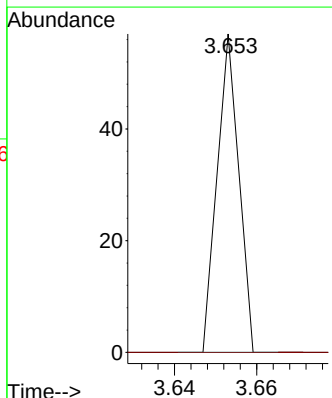
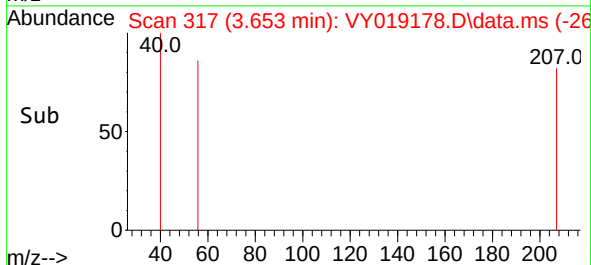
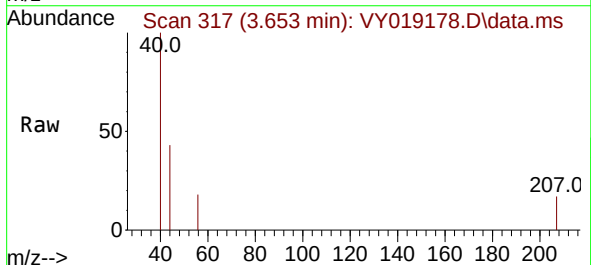


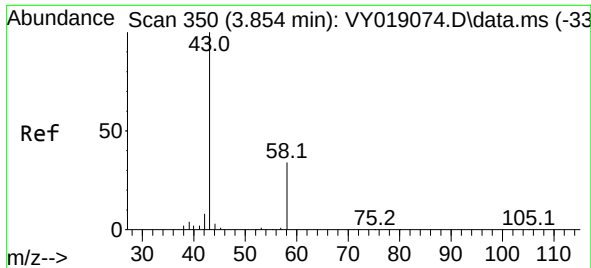
Tgt Ion: 59 Resp: 535
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#13
Acrolein
Concen: Below Cal
RT: 3.653 min Scan# 317
Delta R.T. 0.018 min
Lab File: VY019178.D
Acq: 21 Aug 2024 18:43

Tgt Ion: 56 Resp: 21
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#





#16

Acetone

Concen: 87.165 ug/l

RT: 3.854 min Scan# 31

Delta R.T. 0.000 min

Lab File: VY019178.D

Acq: 21 Aug 2024 18:43

Instrument :

MSVOA_Y

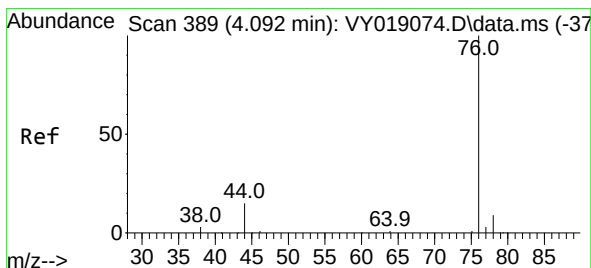
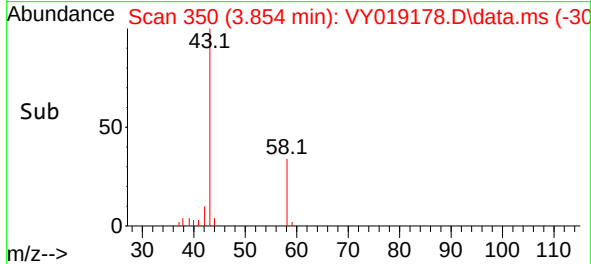
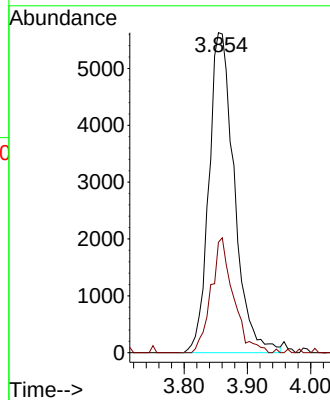
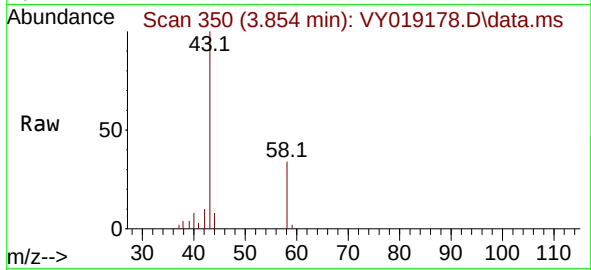
ClientSampleId :

Tgt Ion: 43 Resp: 15672

Ion Ratio Lower Upper

43 100

58 34.5 31.7 47.5



#17

Carbon Disulfide

Concen: 2.380 ug/l

RT: 4.098 min Scan# 390

Delta R.T. 0.006 min

Lab File: VY019178.D

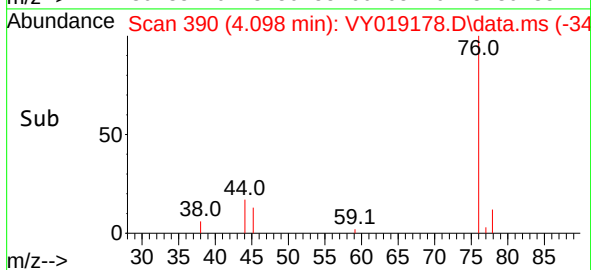
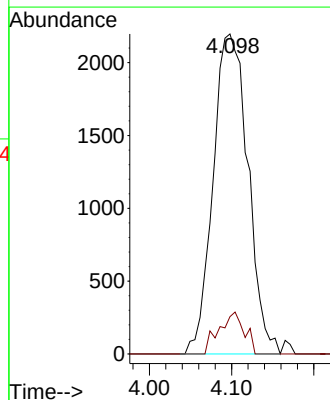
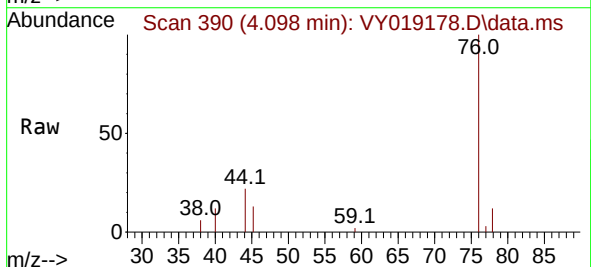
Acq: 21 Aug 2024 18:43

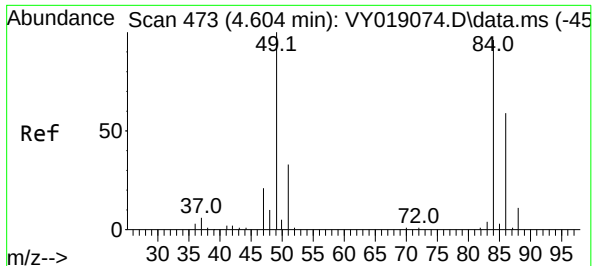
Tgt Ion: 76 Resp: 6475

Ion Ratio Lower Upper

76 100

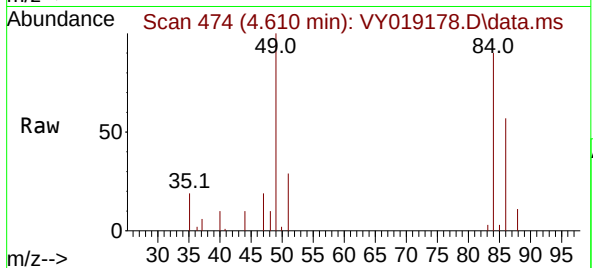
78 11.7 6.8 10.2#



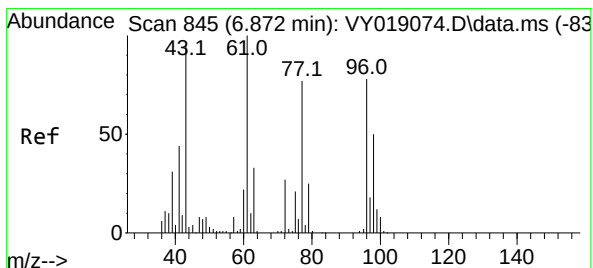
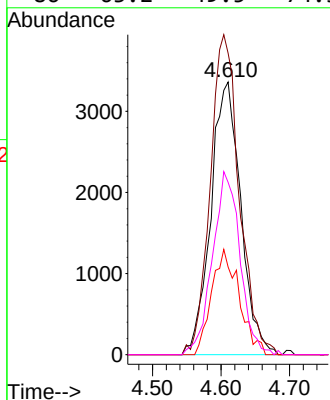
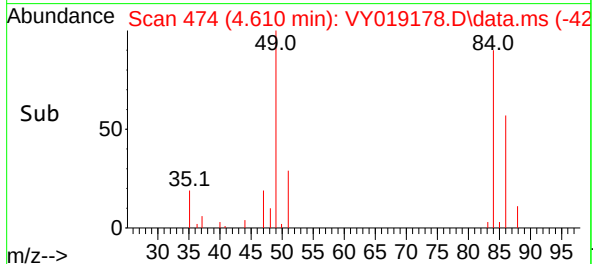


#20
Methylene Chloride
Concen: Below Cal
RT: 4.610 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY019178.D
Acq: 21 Aug 2024 18:43

Instrument :
MSVOA_Y
ClientSampleId :

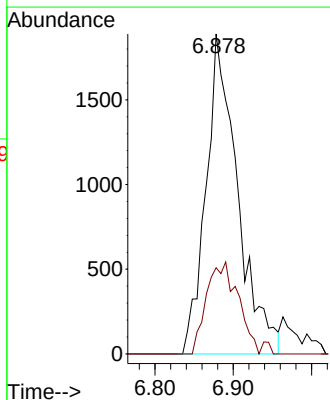
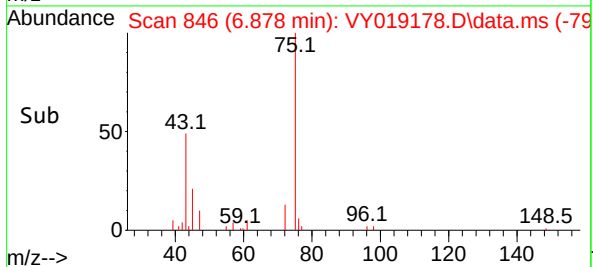
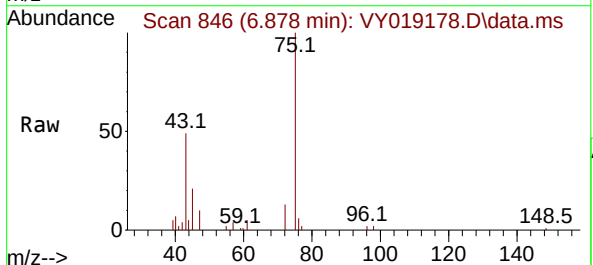


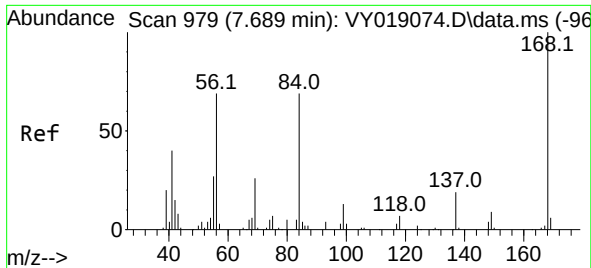
Tgt Ion:	84	Resp:	10210
Ion	Ratio	Lower	Upper
84	100		
49	110.6	84.4	126.6
51	32.2	26.0	39.0
86	63.2	49.5	74.3



#25
2-Butanone
Concen: 18.293 ug/l
RT: 6.878 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY019178.D
Acq: 21 Aug 2024 18:43

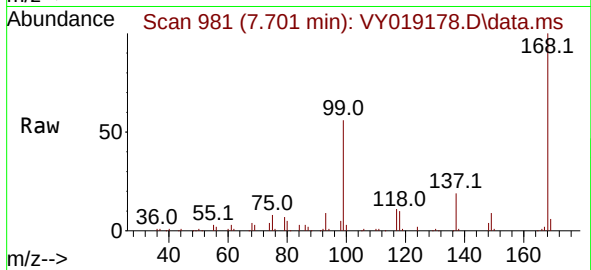
Tgt Ion:	43	Resp:	5297
Ion	Ratio	Lower	Upper
43	100		
72	26.9	27.3	40.9#



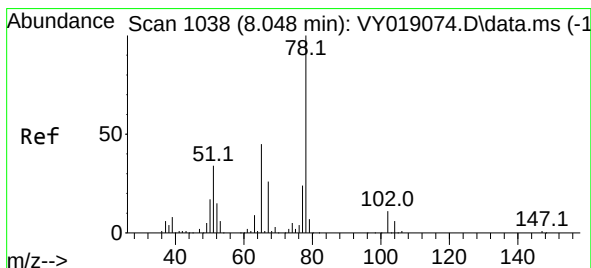
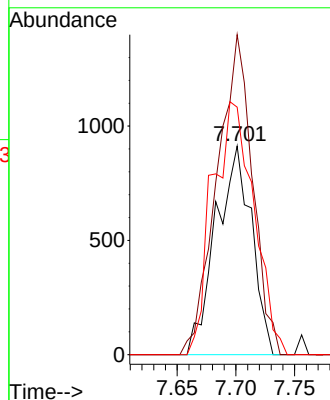
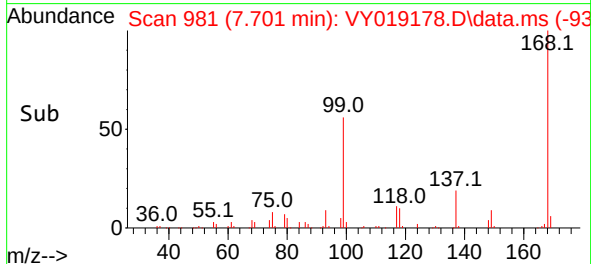


#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019178.D
Acq: 21 Aug 2024 18:43

Instrument :
MSVOA_Y
ClientSampleId :

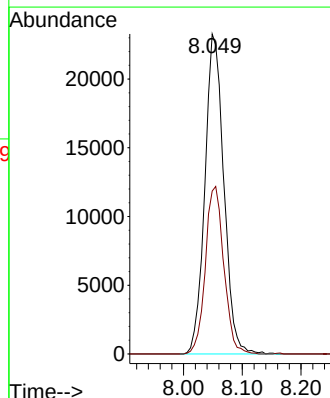
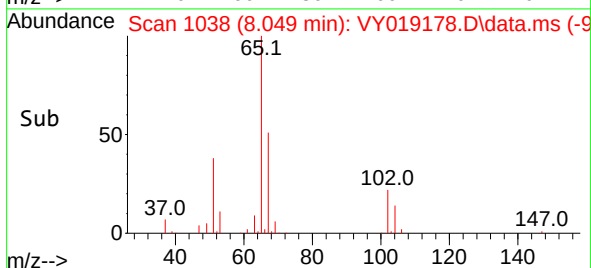
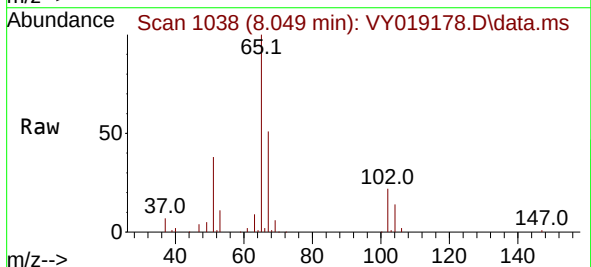


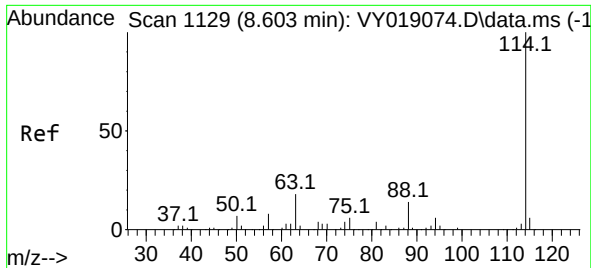
Tgt Ion: 56 Resp: 1926
Ion Ratio Lower Upper
56 100
69 153.3 28.7 43.1#
84 118.6 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 53.837 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019178.D
Acq: 21 Aug 2024 18:43

Tgt Ion: 65 Resp: 52195
Ion Ratio Lower Upper
65 100
67 50.9 0.0 109.6

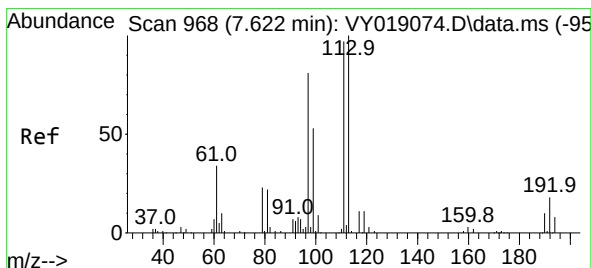
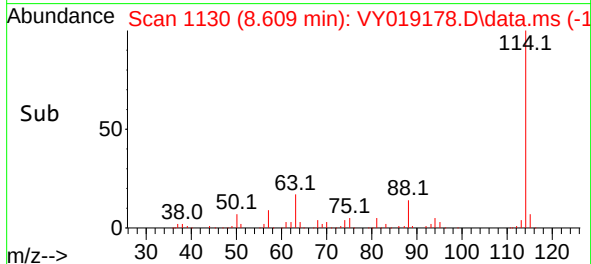
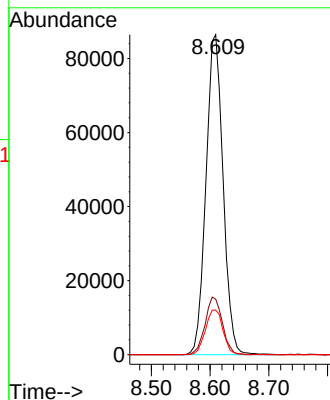
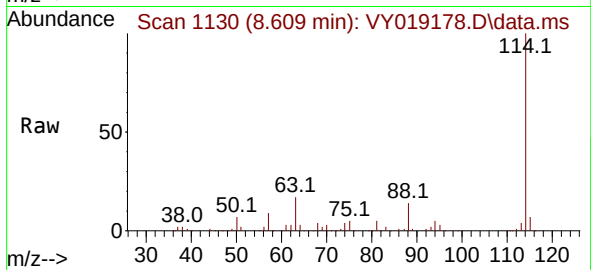




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY019178.D
Acq: 21 Aug 2024 18:43

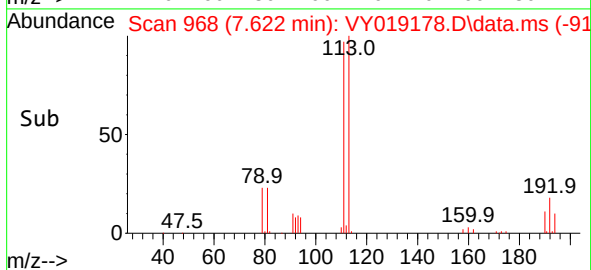
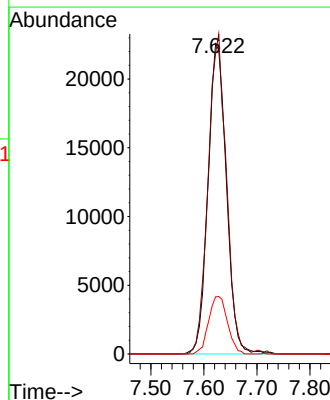
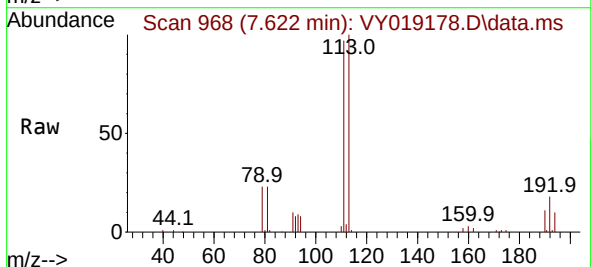
Instrument :
MSVOA_Y
ClientSampleId :

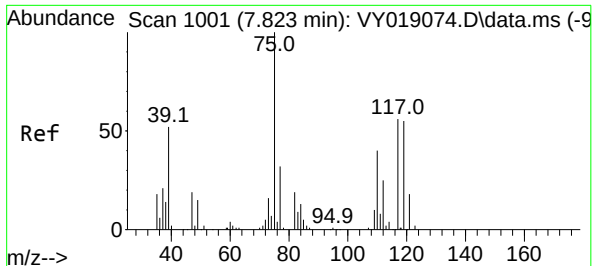
Tgt Ion:114 Resp: 174569
Ion Ratio Lower Upper
114 100
63 17.4 0.0 35.0
88 14.0 0.0 27.2



#35
Dibromofluoromethane
Concen: 47.845 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY019178.D
Acq: 21 Aug 2024 18:43

Tgt Ion:113 Resp: 54612
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 18.9 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.070 ug/l

RT: 7.695 min Scan# 91

Delta R.T. -0.128 min

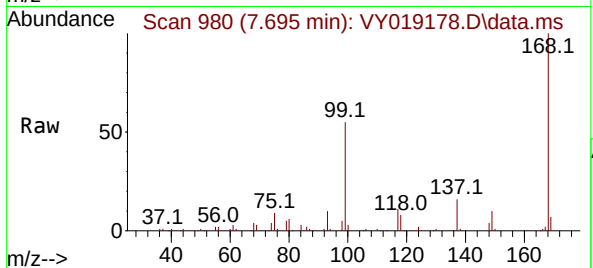
Lab File: VY019178.D

Acq: 21 Aug 2024 18:43

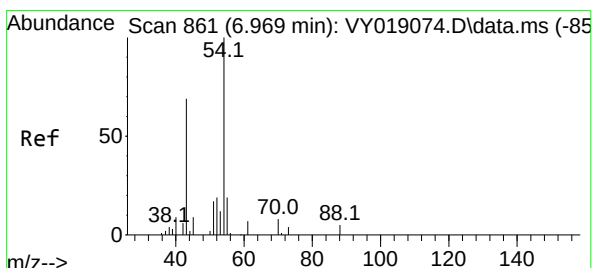
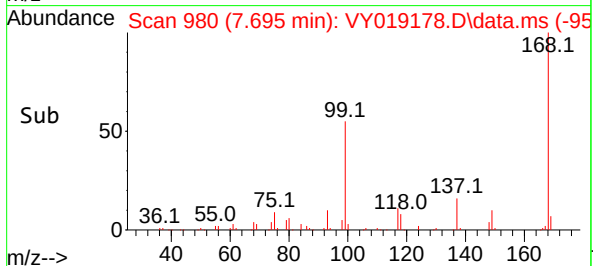
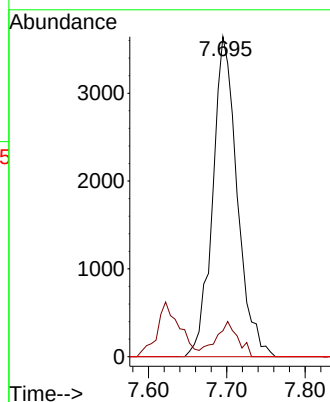
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 7947
Ion Ratio	Lower Upper
75	100
110	9.8 19.0 57.0#
77	0.0 25.3 37.9#



#37

Ethyl Acetate

Concen: 7.628 ug/l

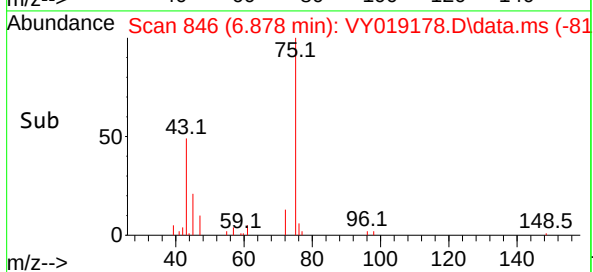
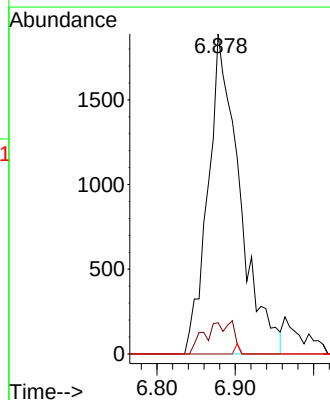
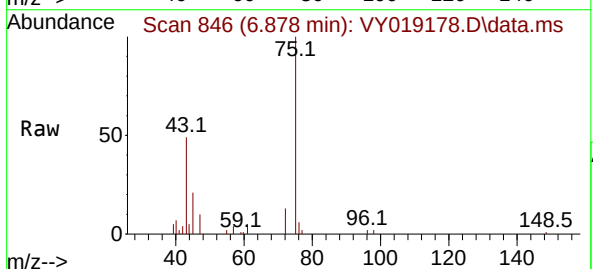
RT: 6.878 min Scan# 846

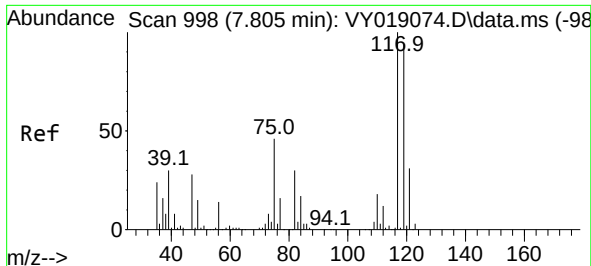
Delta R.T. -0.091 min

Lab File: VY019178.D

Acq: 21 Aug 2024 18:43

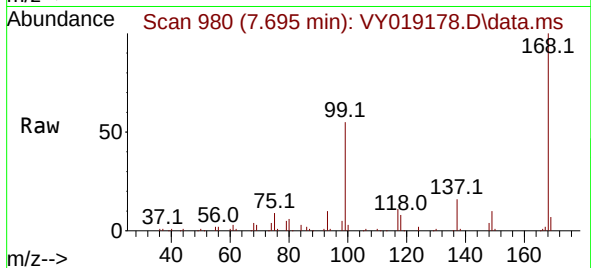
Tgt Ion: 43	Resp: 5297
Ion Ratio	Lower Upper
43	100
61	0.0 12.6 19.0#
70	0.0 7.8 11.8#



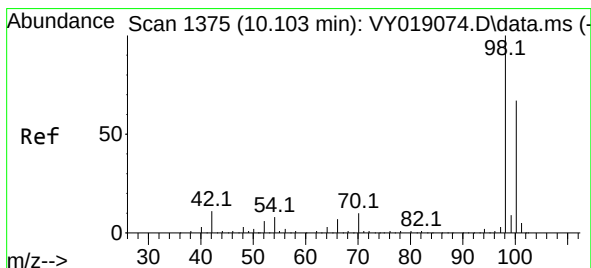
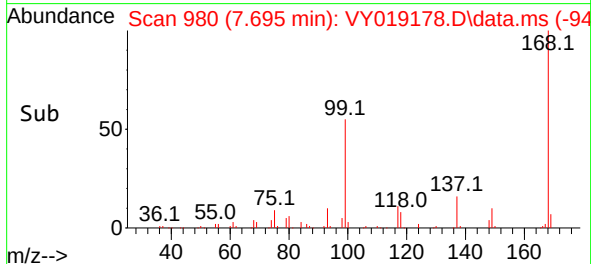
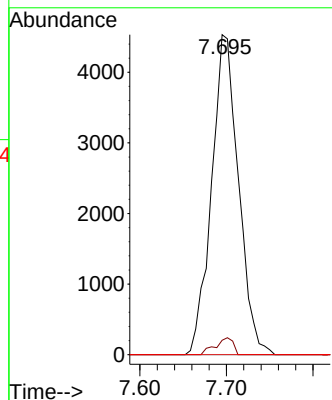


#38
Carbon Tetrachloride
Concen: 5.391 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY019178.D
Acq: 21 Aug 2024 18:43

Instrument :
MSVOA_Y
ClientSampleId :

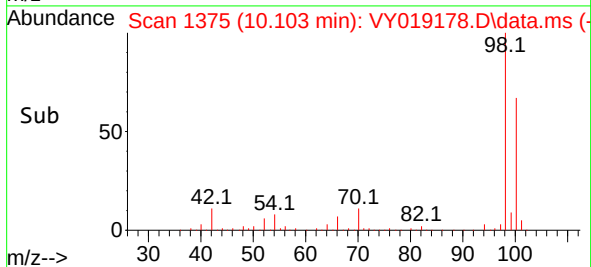
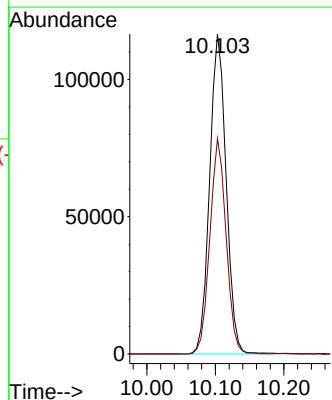
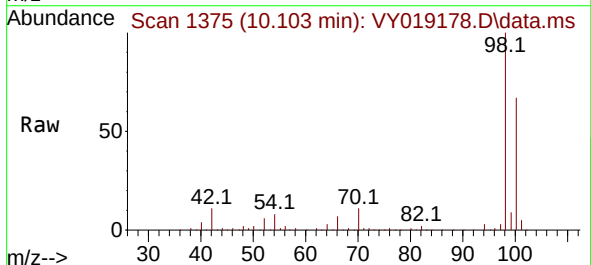


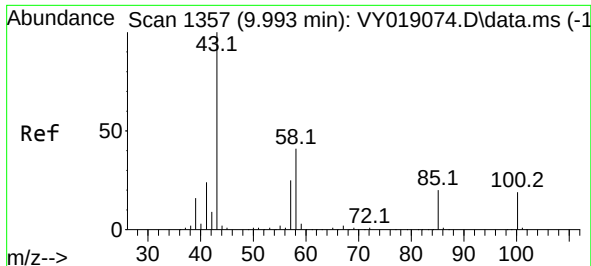
Tgt Ion:117 Resp: 9792
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.441 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019178.D
Acq: 21 Aug 2024 18:43

Tgt Ion: 98 Resp: 194871
Ion Ratio Lower Upper
98 100
100 66.3 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 1.287 ug/l

RT: 10.097 min Scan# 11

Delta R.T. 0.104 min

Lab File: VY019178.D

Acq: 21 Aug 2024 18:43

Instrument :

MSVOA_Y

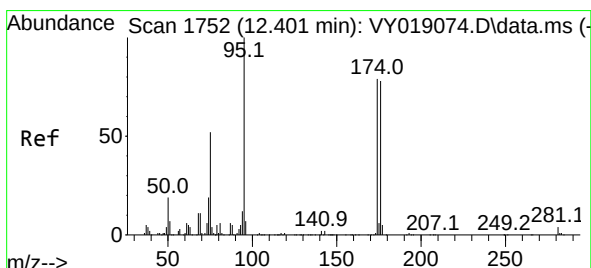
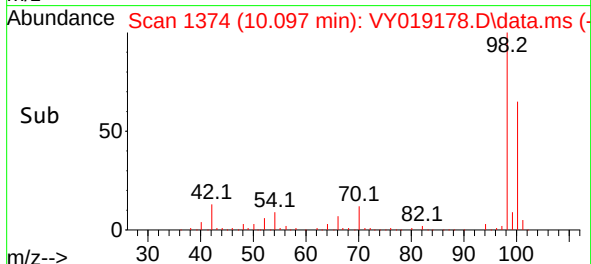
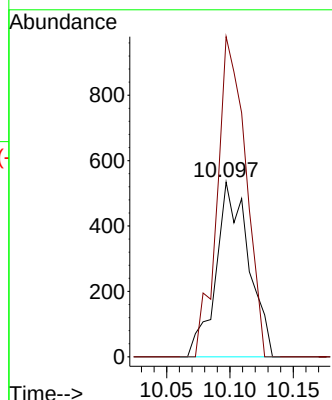
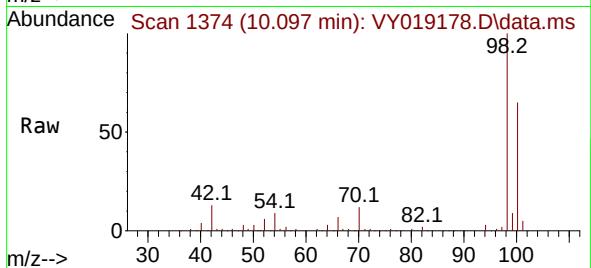
ClientSampleId :

Tgt Ion: 43 Resp: 959

Ion Ratio Lower Upper

43 100

58 159.9 35.7 53.5#



#62

4-Bromofluorobenzene

Concen: 42.528 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019178.D

Acq: 21 Aug 2024 18:43

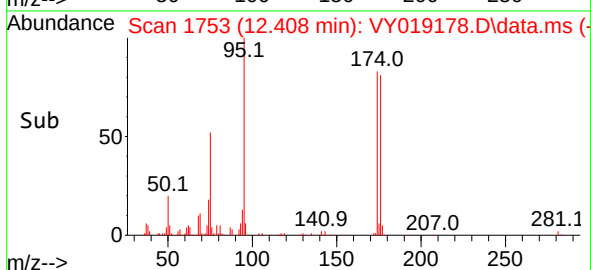
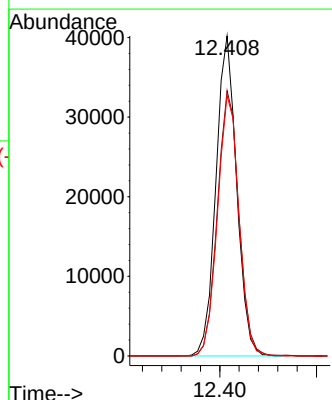
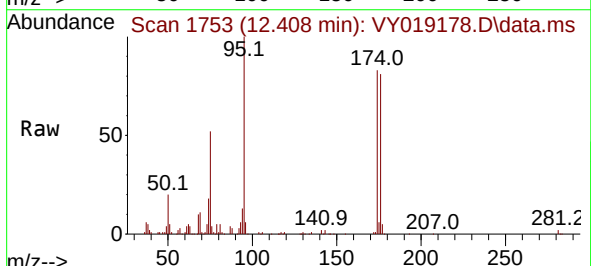
Tgt Ion: 95 Resp: 59552

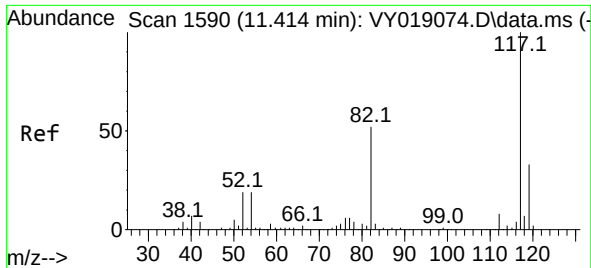
Ion Ratio Lower Upper

95 100

174 86.4 0.0 175.6

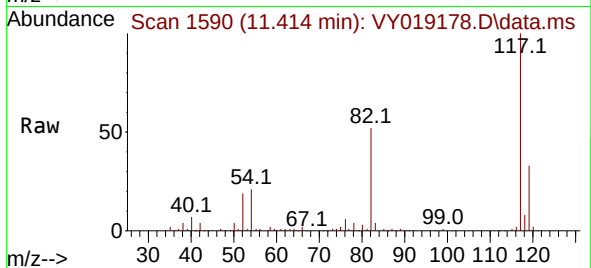
176 84.3 0.0 171.4



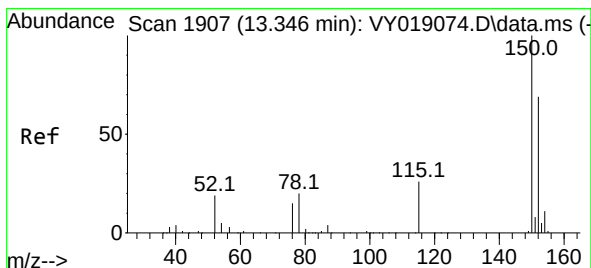
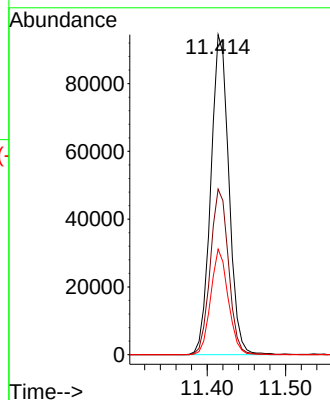
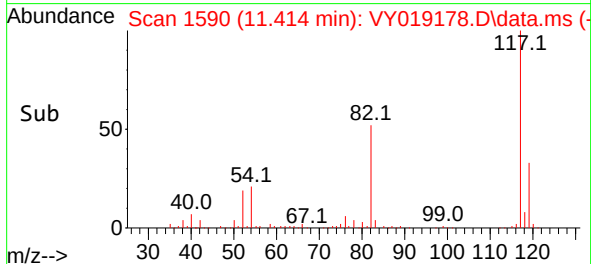


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019178.D
Acq: 21 Aug 2024 18:43

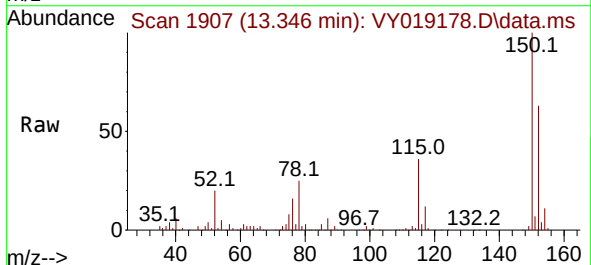
Instrument :
MSVOA_Y
ClientSampleId :



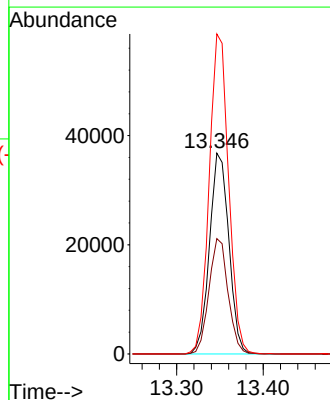
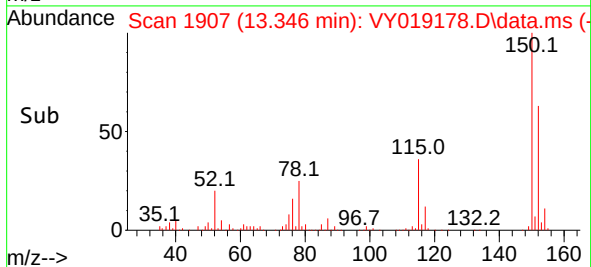
Tgt Ion:117 Resp: 151273
Ion Ratio Lower Upper
117 100
82 51.7 42.4 63.6
119 33.0 25.9 38.9

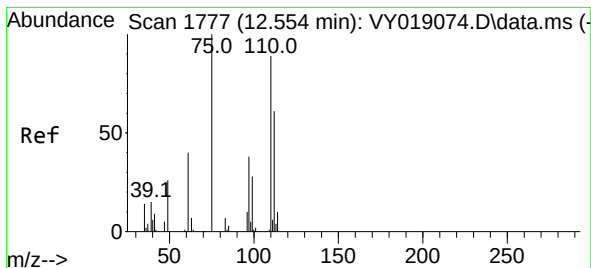


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019178.D
Acq: 21 Aug 2024 18:43



Tgt Ion:152 Resp: 57136
Ion Ratio Lower Upper
152 100
115 56.6 28.2 84.7
150 159.5 0.0 345.6

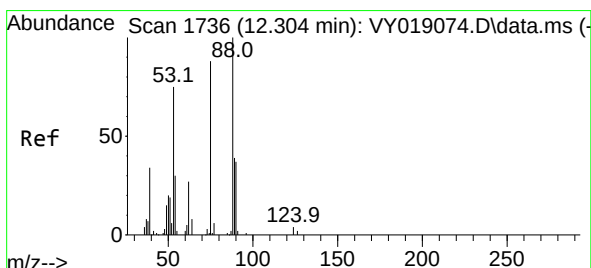
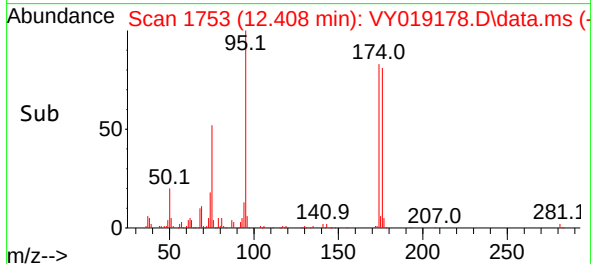
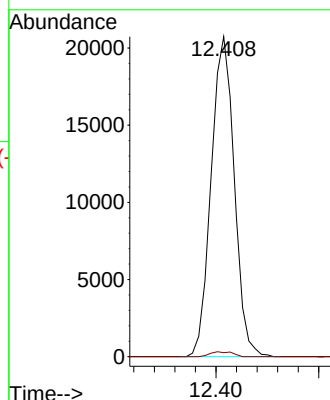
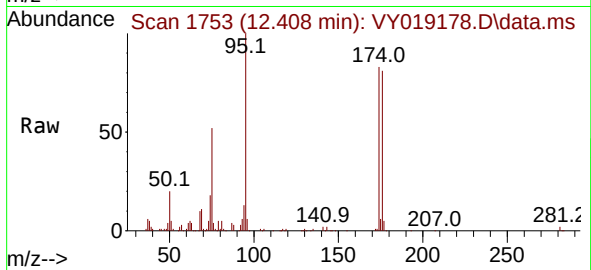




#76
1,2,3-Trichloropropane
Concen: 57.359 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019178.D
Acq: 21 Aug 2024 18:43

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 32320
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 141.659 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019178.D
Acq: 21 Aug 2024 18:43

Tgt Ion: 75 Resp: 32320
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.0 35.8 53.6#

