

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081422\
 Data File : VY010012.D
 Acq On : 14 Aug 2022 21:00
 Operator : KP/MD
 Sample : N4189-13
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB13

Quant Time: Aug 15 00:42:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:54:57 2022
 Response via : Initial Calibration

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

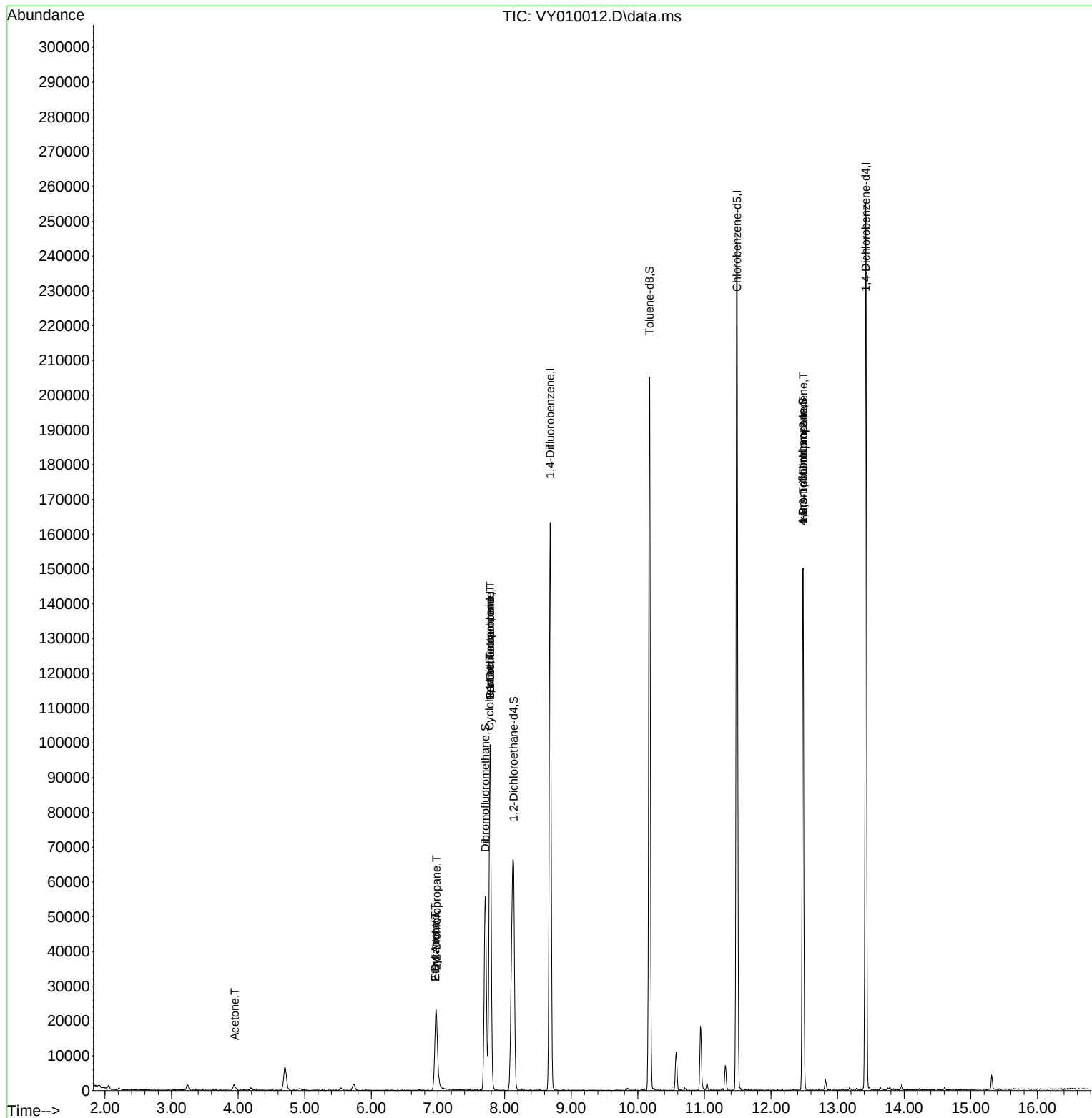
Internal Standards						
1) Pentafluorobenzene	7.783	168	76264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	147909	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	147964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	66057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	38953	50.351	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.700%	
35) Dibromofluoromethane	7.710	113	40762	45.028	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.060%	
50) Toluene-d8	10.179	98	143745	41.441	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 82.880%	
62) 4-Bromofluorobenzene	12.477	95	49447	38.908	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 77.820%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.918	59	380	Below Cal	#	78
16) Acetone	3.948	43	2717	14.623	ug/l	91
18) Methyl Acetate	4.466	43	96	Below Cal	#	52
25) 2-Butanone	6.960	43	957	3.319	ug/l	# 48
26) 2,2-Dichloropropane	6.978	77	1823	1.396	ug/l	# 52
31) Cyclohexane	7.777	56	1402	1.012	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	5698	4.227	ug/l	# 48
37) Ethyl Acetate	6.960	43	957	1.315	ug/l	# 1
38) Carbon Tetrachloride	7.783	117	7843	5.830	ug/l	# 17
76) 1,2,3-Trichloropropane	12.483	75	22774	29.834	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	22774	64.854	ug/l	# 13

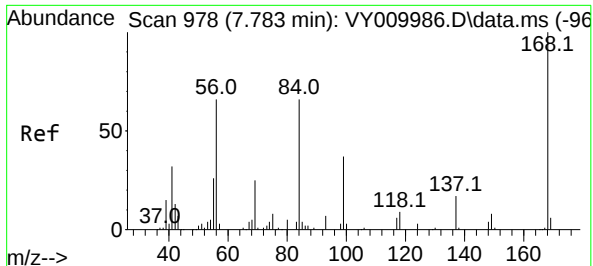
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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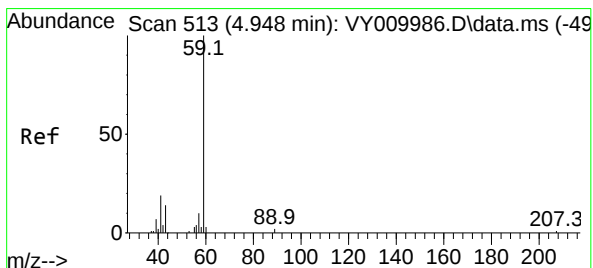
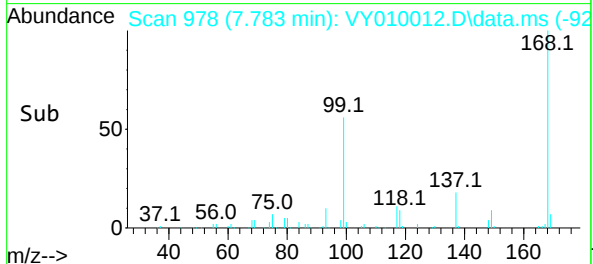
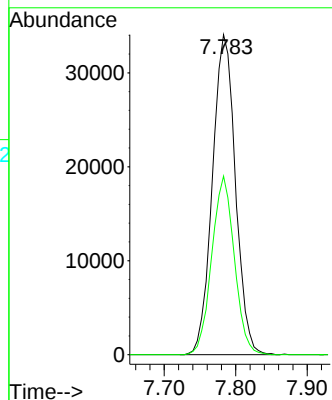
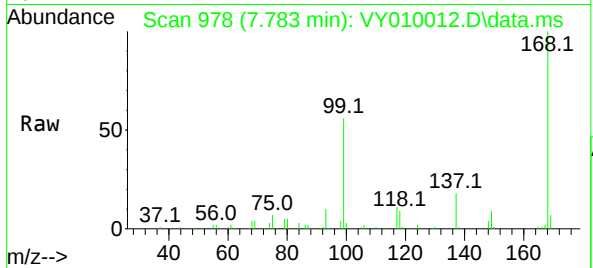




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010012.D
Acq: 14 Aug 2022 21:00

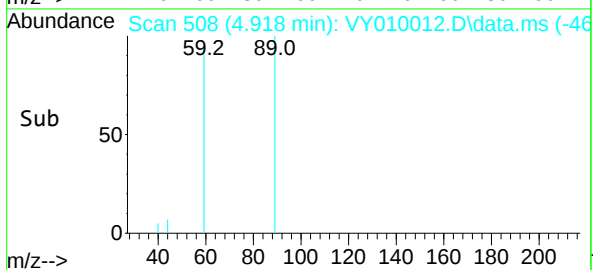
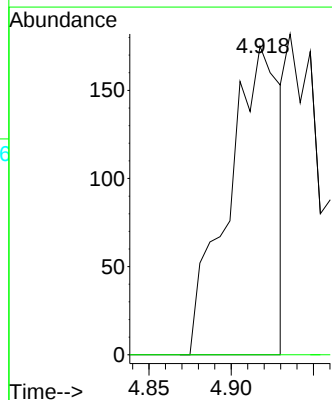
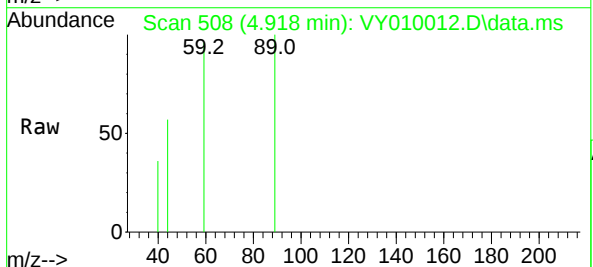
Instrument :
MSVOA_Y
ClientSampleId :
SB13

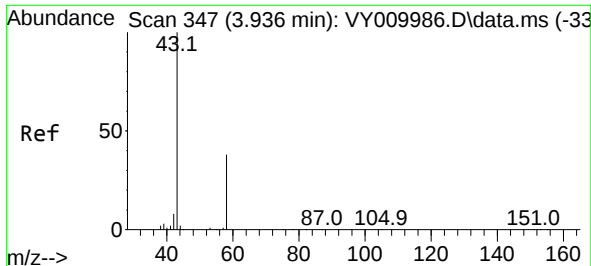
Tgt Ion:168 Resp: 76264
Ion Ratio Lower Upper
168 100
99 55.8 42.1 63.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.918 min Scan# 508
Delta R.T. -0.030 min
Lab File: VY010012.D
Acq: 14 Aug 2022 21:00

Tgt Ion: 59 Resp: 380
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#

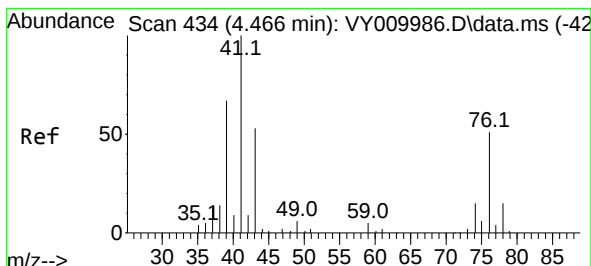
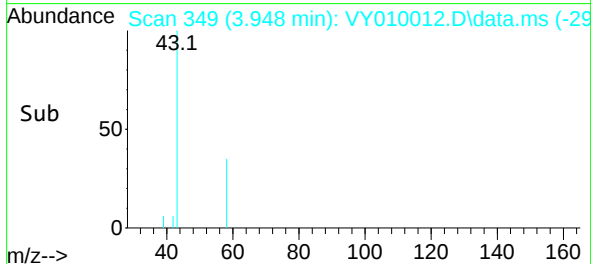
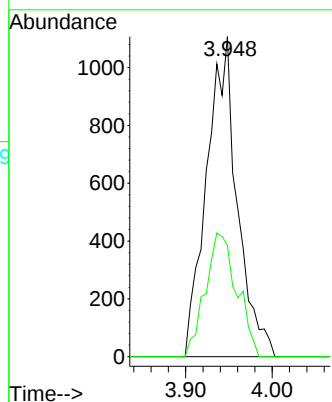
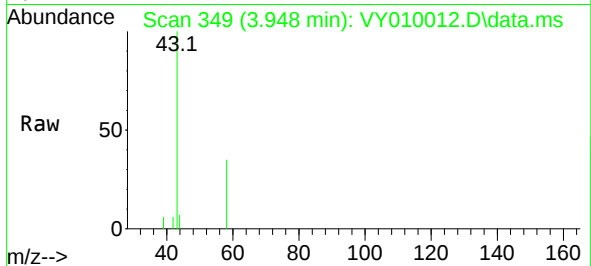




#16
Acetone
Concen: 14.623 ug/l
RT: 3.948 min Scan# 347
Delta R.T. 0.012 min
Lab File: VY010012.D
Acq: 14 Aug 2022 21:00

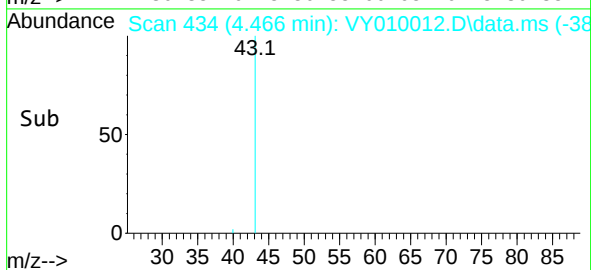
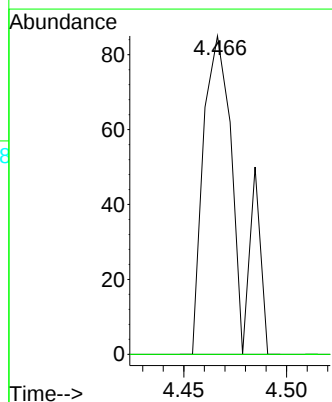
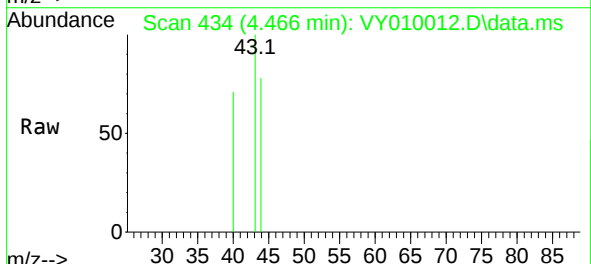
Instrument :
MSVOA_Y
ClientSampleId :
SB13

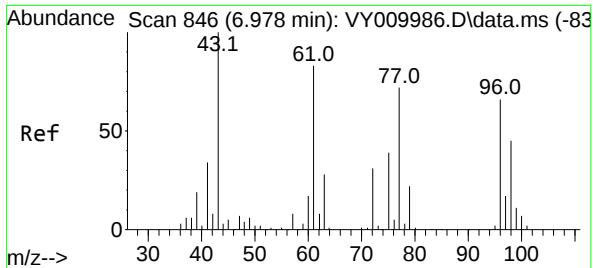
Tgt Ion: 43 Resp: 2717
Ion Ratio Lower Upper
43 100
58 34.9 24.0 36.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY010012.D
Acq: 14 Aug 2022 21:00

Tgt Ion: 43 Resp: 96
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#





#25

2-Butanone

Concen: 3.319 ug/l

RT: 6.960 min Scan# 84

Delta R.T. -0.018 min

Lab File: VY010012.D

Acq: 14 Aug 2022 21:00

Instrument :

MSVOA_Y

ClientSampleId :

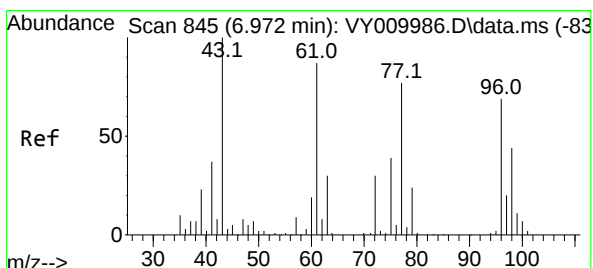
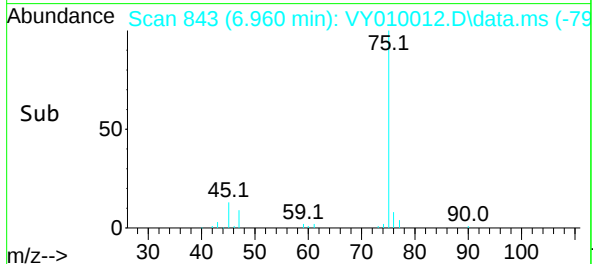
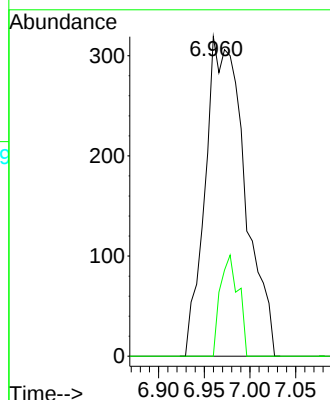
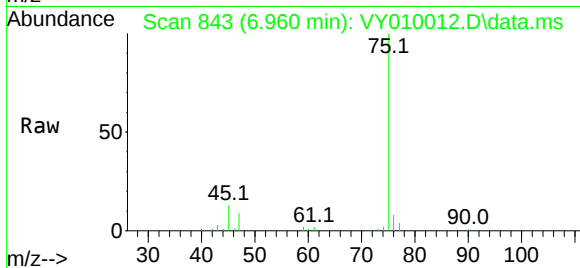
SB13

Tgt Ion: 43 Resp: 957

Ion Ratio Lower Upper

43 100

72 0.0 21.5 32.3#



#26

2,2-Dichloropropane

Concen: 1.396 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY010012.D

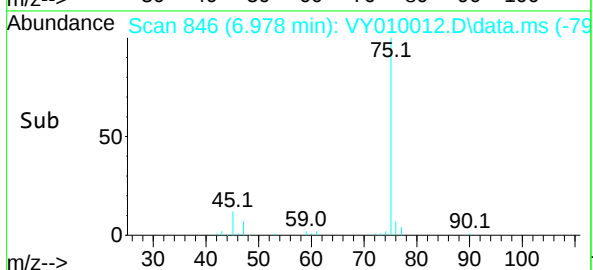
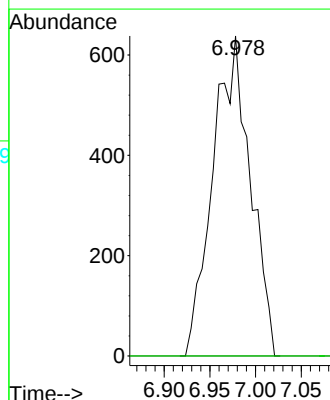
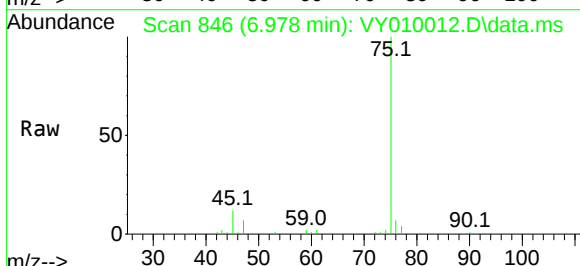
Acq: 14 Aug 2022 21:00

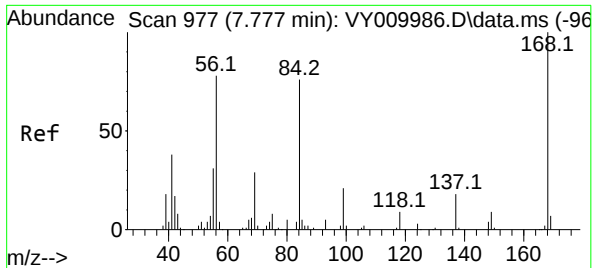
Tgt Ion: 77 Resp: 1823

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.0#

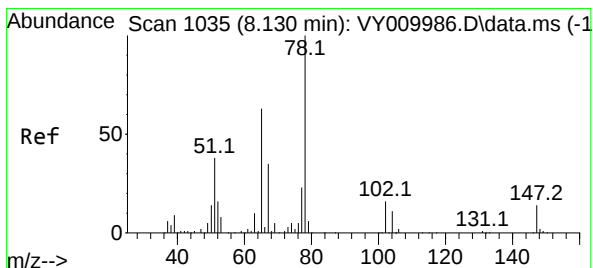
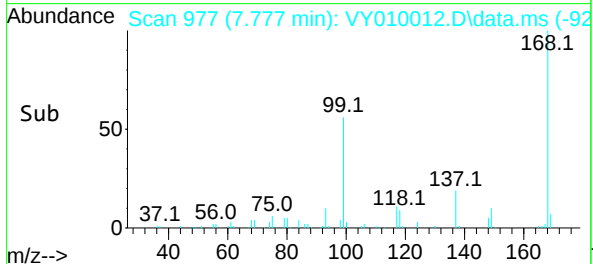
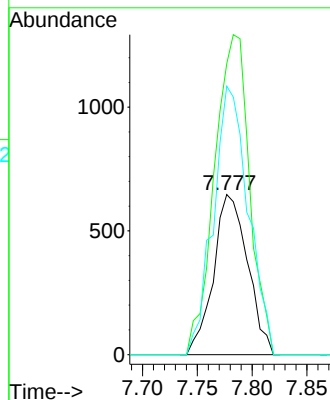
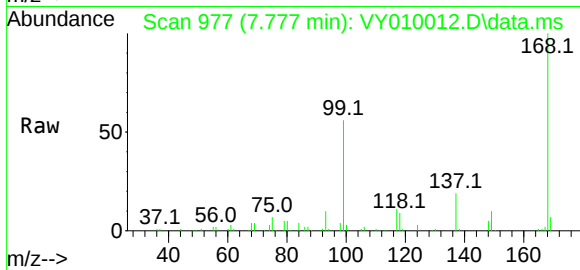




#31
Cyclohexane
Concen: 1.012 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010012.D
Acq: 14 Aug 2022 21:00

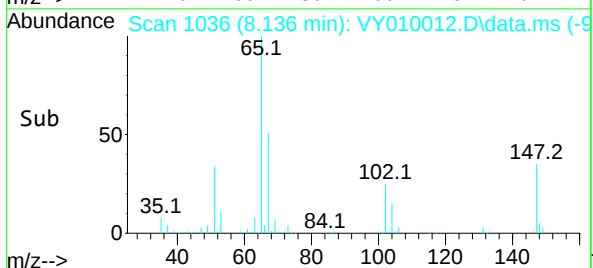
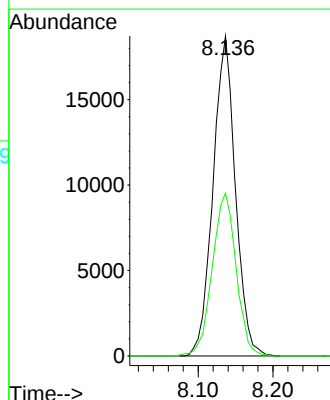
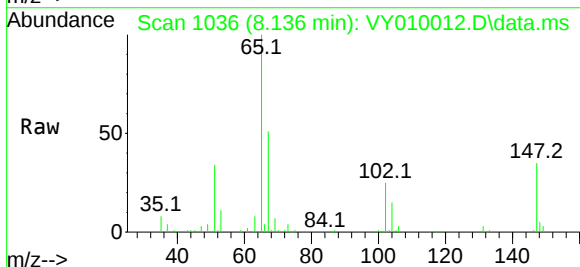
Instrument :
MSVOA_Y
ClientSampleId :
SB13

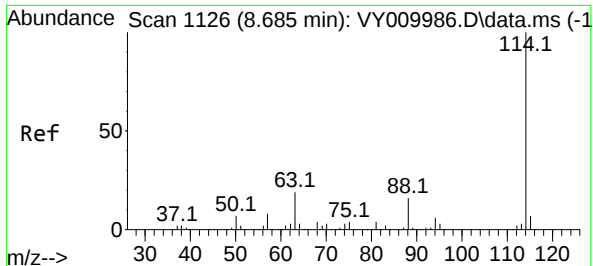
Tgt Ion: 56 Resp: 1402
Ion Ratio Lower Upper
56 100
69 181.8 26.0 39.0#
84 167.7 69.5 104.3#



#33
1,2-Dichloroethane-d4
Concen: 50.351 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY010012.D
Acq: 14 Aug 2022 21:00

Tgt Ion: 65 Resp: 38953
Ion Ratio Lower Upper
65 100
67 54.3 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010012.D

Acq: 14 Aug 2022 21:00

Instrument :

MSVOA_Y

ClientSampleId :

SB13

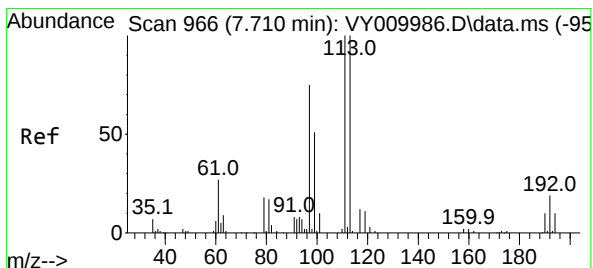
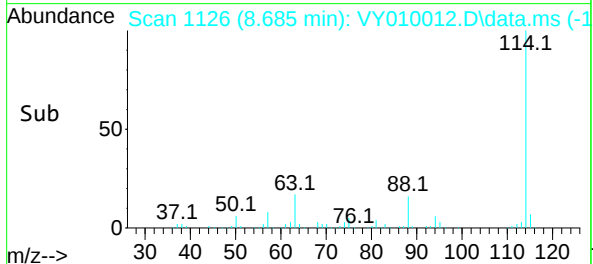
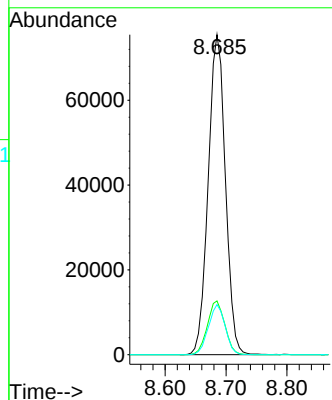
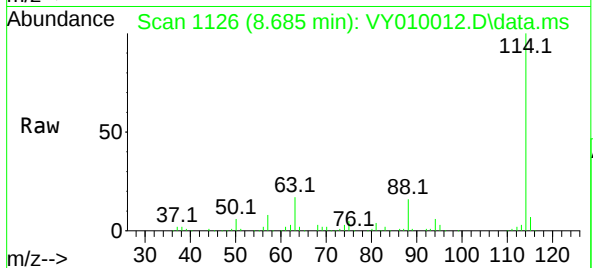
Tgt Ion:114 Resp: 147909

Ion Ratio Lower Upper

114 100

63 16.8 0.0 38.0

88 15.7 0.0 30.0



#35

Dibromofluoromethane

Concen: 45.028 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY010012.D

Acq: 14 Aug 2022 21:00

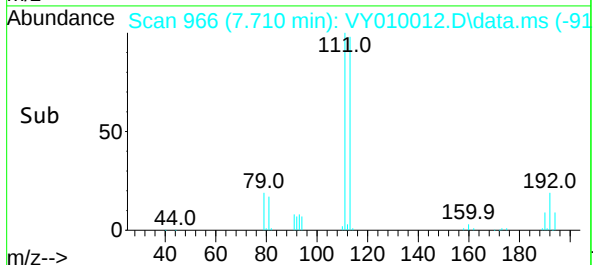
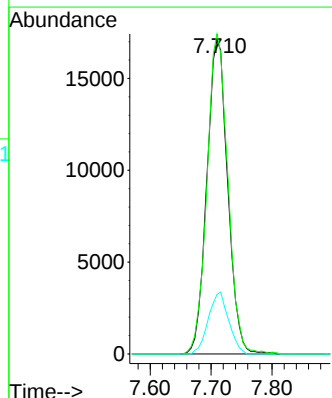
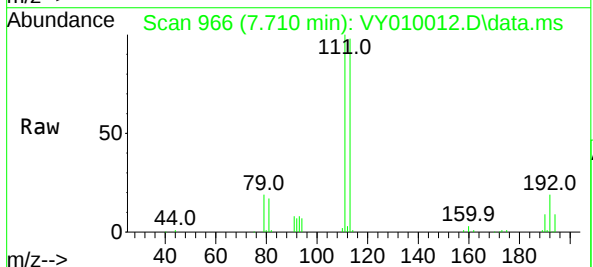
Tgt Ion:113 Resp: 40762

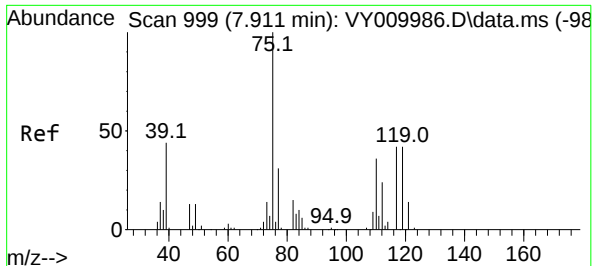
Ion Ratio Lower Upper

113 100

111 101.9 80.6 120.8

192 19.1 16.2 24.4





#36

1,1-Dichloropropene

Concen: 4.227 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY010012.D

Acq: 14 Aug 2022 21:00

Instrument :

MSVOA_Y

ClientSampleId :

SB13

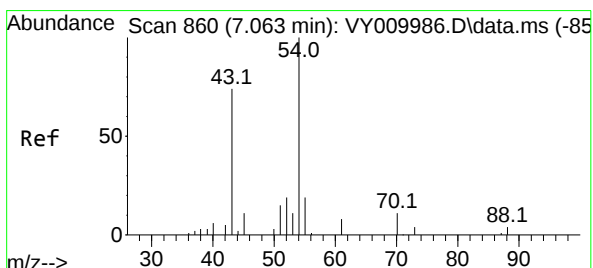
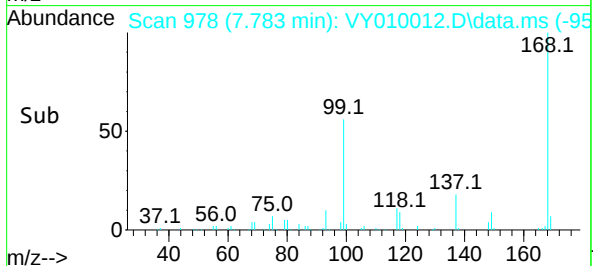
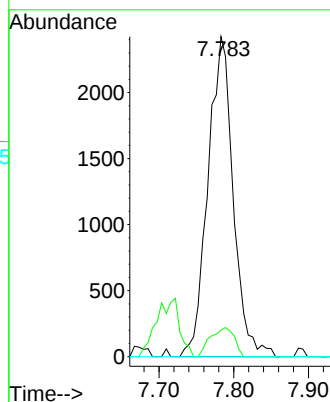
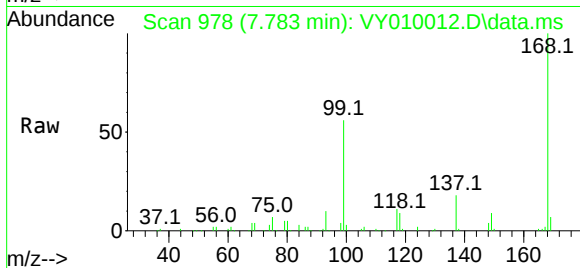
Tgt Ion: 75 Resp: 5698

Ion Ratio Lower Upper

75 100

110 8.6 18.6 56.0#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 1.315 ug/l

RT: 6.960 min Scan# 843

Delta R.T. -0.104 min

Lab File: VY010012.D

Acq: 14 Aug 2022 21:00

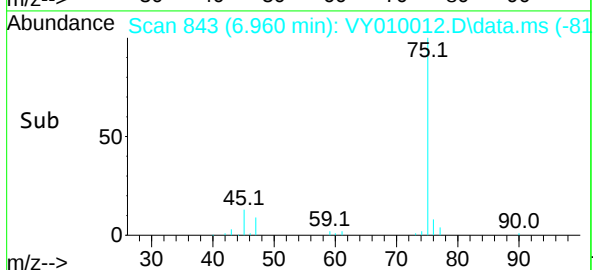
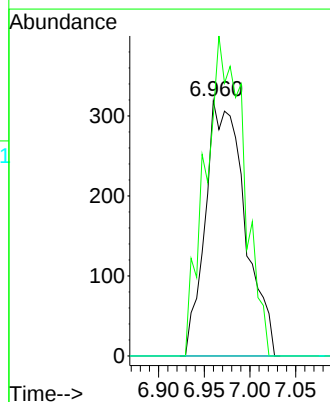
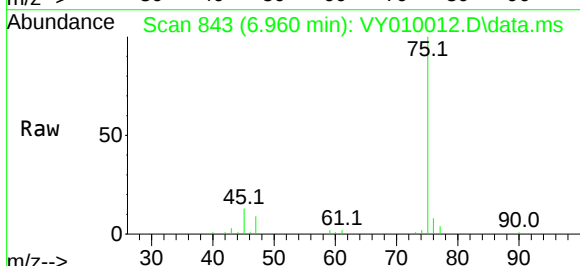
Tgt Ion: 43 Resp: 957

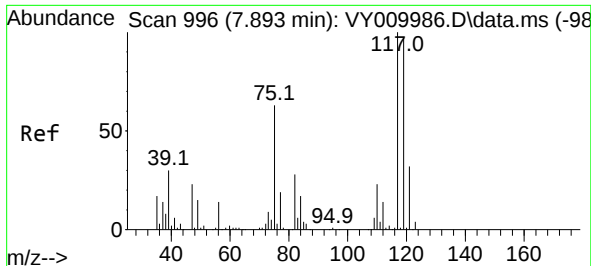
Ion Ratio Lower Upper

43 100

61 122.0 11.2 16.8#

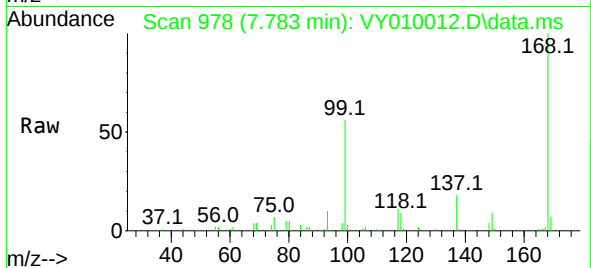
70 0.0 8.4 12.6#



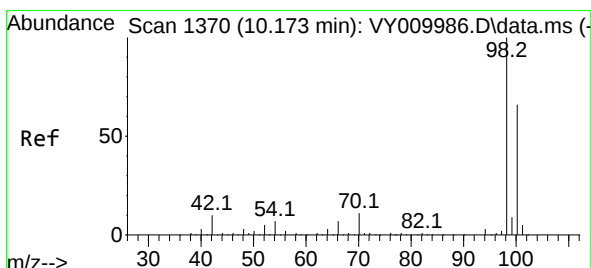
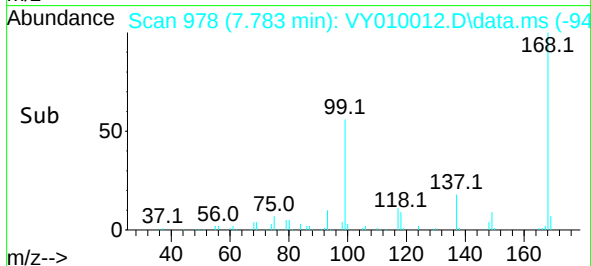
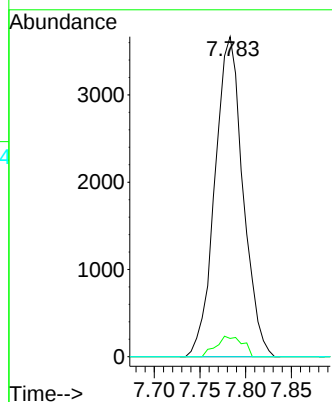


#38
Carbon Tetrachloride
Concen: 5.830 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010012.D
Acq: 14 Aug 2022 21:00

Instrument :
MSVOA_Y
ClientSampleId :
SB13

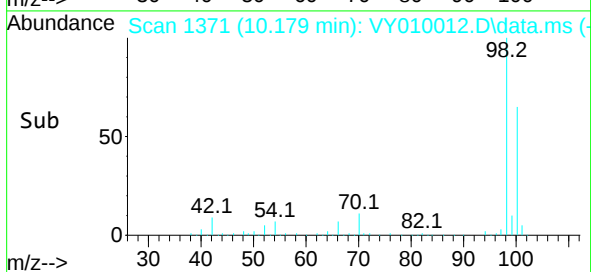
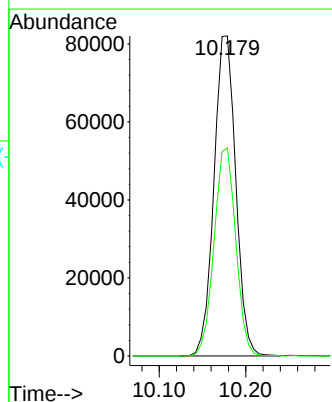
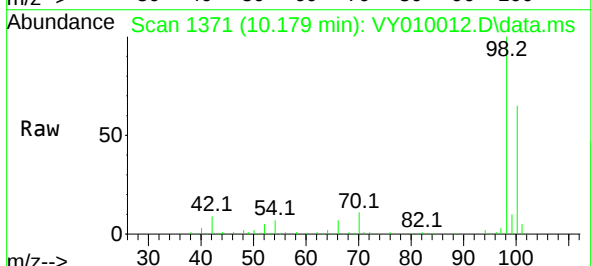


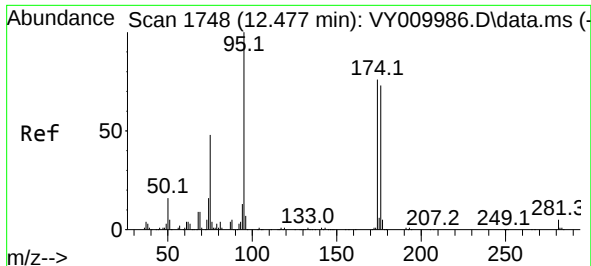
Tgt Ion:117 Resp: 7843
Ion Ratio Lower Upper
117 100
119 5.7 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 41.441 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010012.D
Acq: 14 Aug 2022 21:00

Tgt Ion: 98 Resp: 143745
Ion Ratio Lower Upper
98 100
100 64.6 52.9 79.3

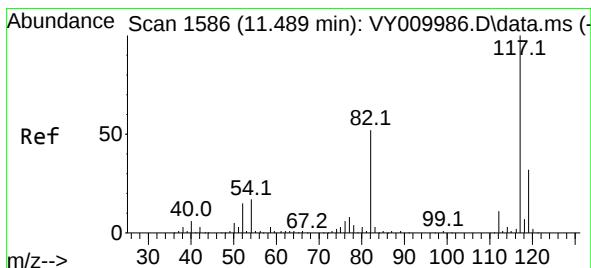
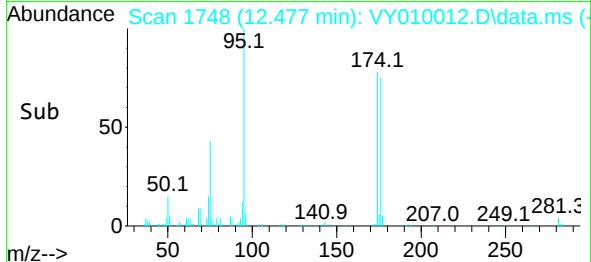
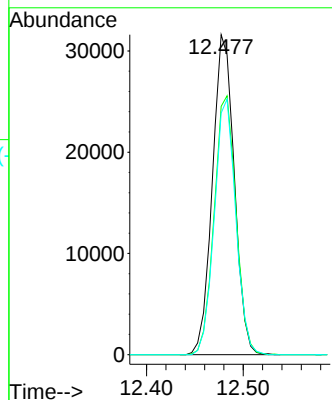
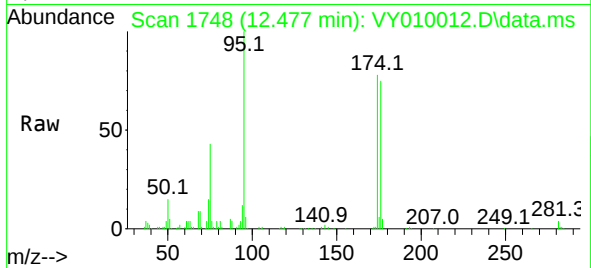




#62
4-Bromofluorobenzene
Concen: 38.908 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010012.D
Acq: 14 Aug 2022 21:00

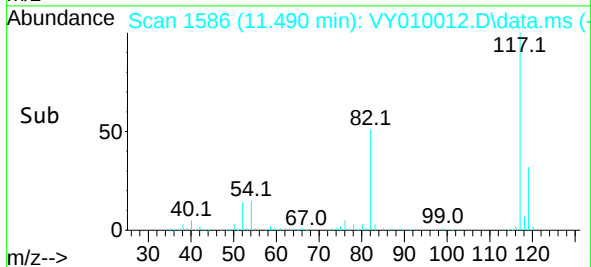
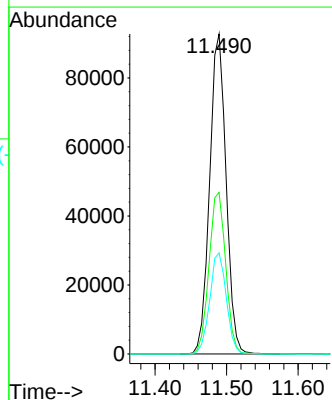
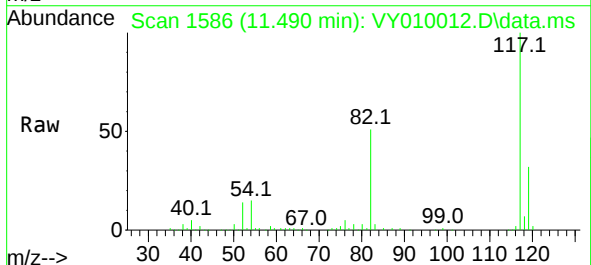
Instrument :
MSVOA_Y
ClientSampleId :
SB13

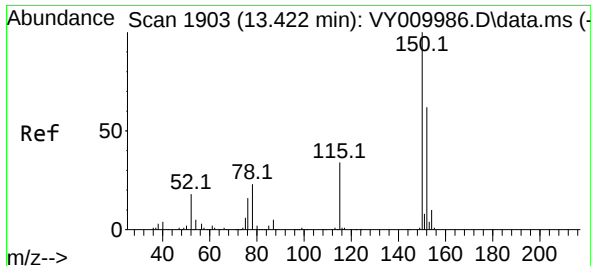
Tgt Ion: 95 Resp: 49447
Ion Ratio Lower Upper
95 100
174 81.1 0.0 173.8
176 78.2 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010012.D
Acq: 14 Aug 2022 21:00

Tgt Ion: 117 Resp: 147964
Ion Ratio Lower Upper
117 100
82 50.5 41.8 62.6
119 31.6 25.6 38.4

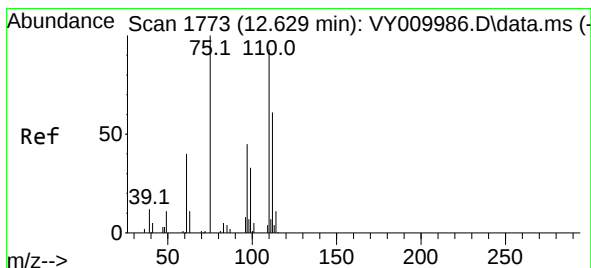
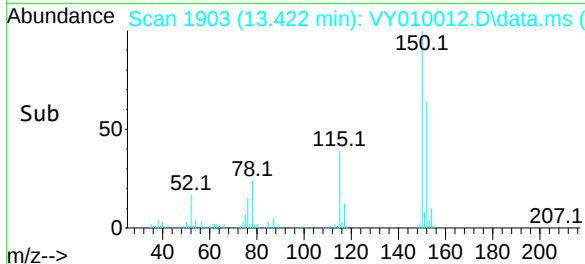
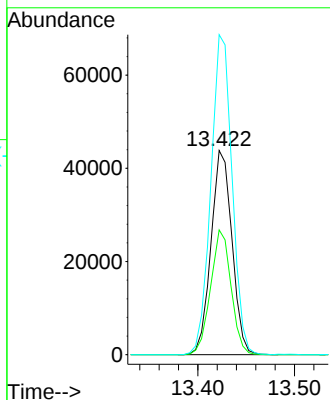
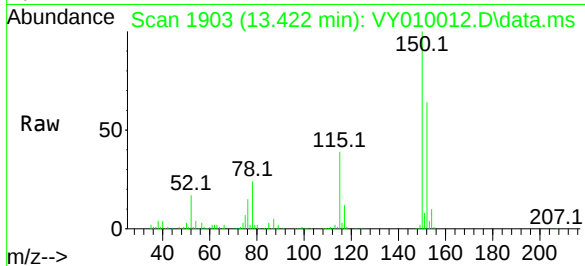




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY010012.D
 Acq: 14 Aug 2022 21:00

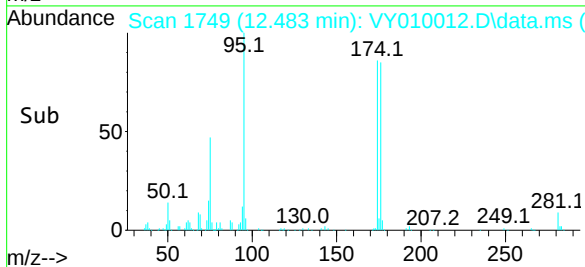
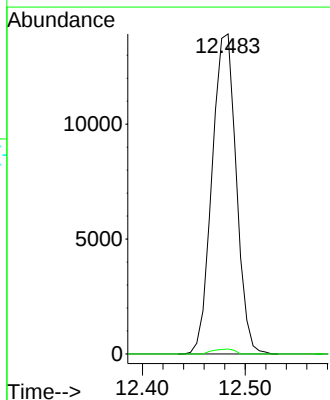
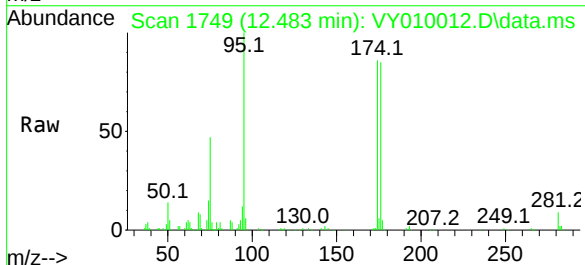
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB13

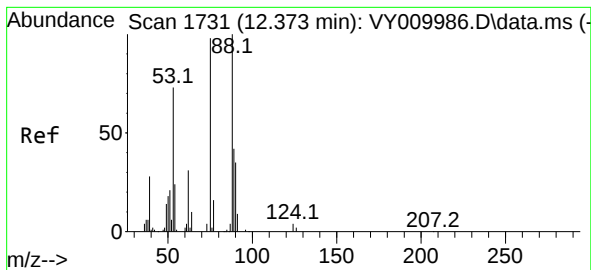
Tgt Ion:152 Resp: 66057
 Ion Ratio Lower Upper
 152 100
 115 59.5 28.6 85.9
 150 158.3 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 29.834 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY010012.D
 Acq: 14 Aug 2022 21:00

Tgt Ion: 75 Resp: 22774
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.854 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY010012.D
 Acq: 14 Aug 2022 21:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB13

Tgt Ion: 75 Resp: 22774
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.1 38.1 57.1#

