

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070622\
 Data File : VY009453.D
 Acq On : 06 Jul 2022 14:54
 Operator : KP/MD
 Sample : N3581-01
 Misc : 5.15g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-6-070522

Quant Time: Jul 07 01:50:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

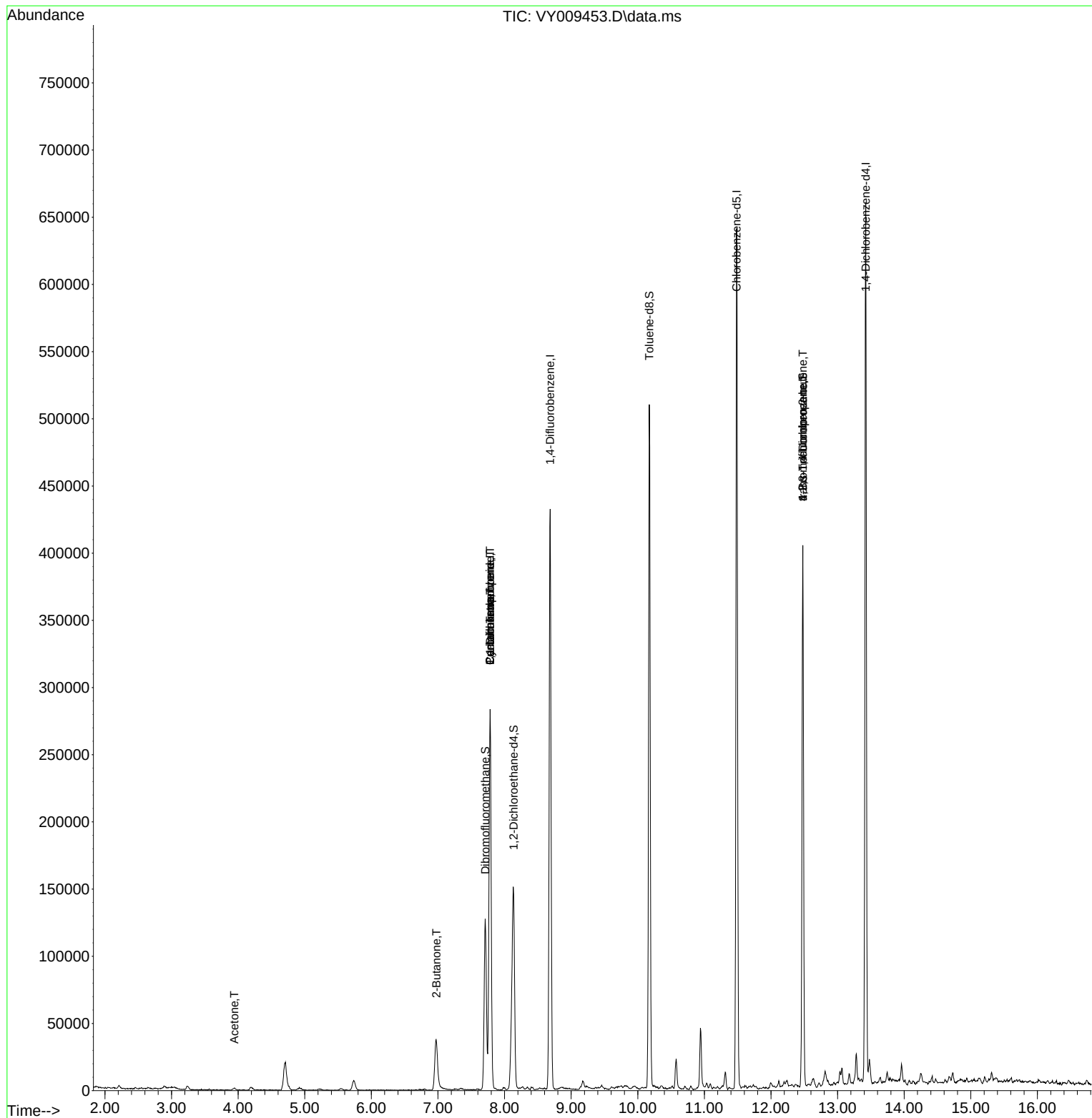
Internal Standards						
1) Pentafluorobenzene	7.783	168	224347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	381541	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	354069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	173402	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	99428	55.332	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.660%	
35) Dibromofluoromethane	7.710	113	91646	43.643	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 87.280%	
50) Toluene-d8	10.173	98	333112	51.739	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 103.480%	
62) 4-Bromofluorobenzene	12.477	95	120250	39.381	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 78.760%	
Target Compounds						
11) Tert butyl alcohol	4.918	59	1023	Below Cal	#	85
16) Acetone	3.942	43	2474	4.192	ug/l	95
18) Methyl Acetate	4.466	43	52	Below Cal	#	54
20) Methylene Chloride	4.710	84	15687	Below Cal	#	82
25) 2-Butanone	6.978	43	2214	2.366	ug/l	94
31) Cyclohexane	7.783	56	5205	1.288	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	15963	4.348	ug/l #	50
38) Carbon Tetrachloride	7.783	117	21003	5.473	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	59464	29.283	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	59464	65.198	ug/l #	8

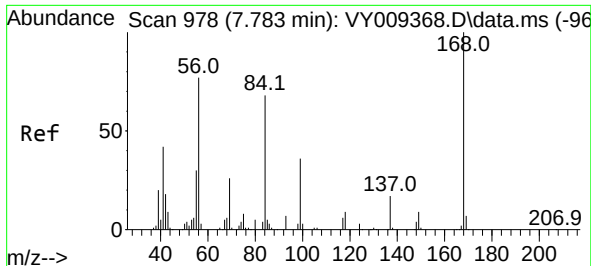
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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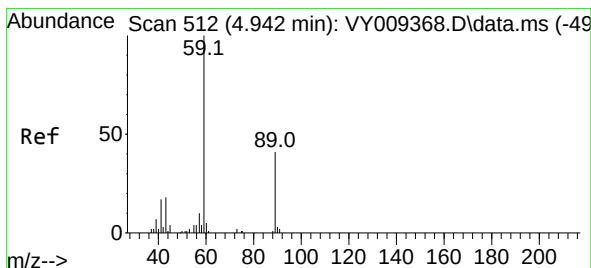
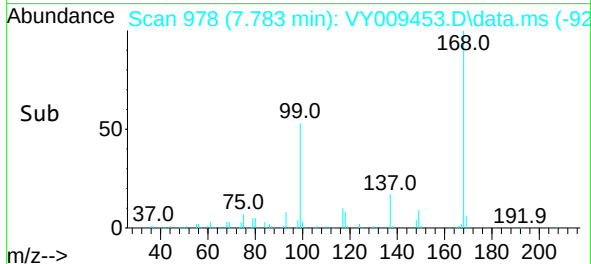
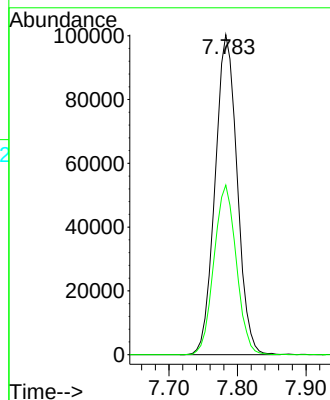
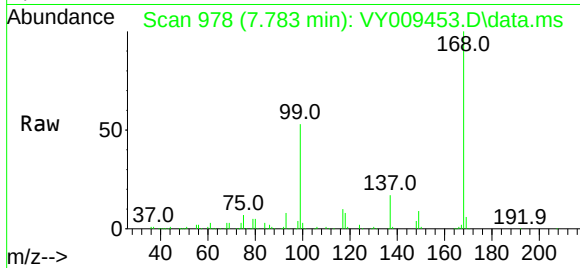




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009453.D
Acq: 06 Jul 2022 14:54

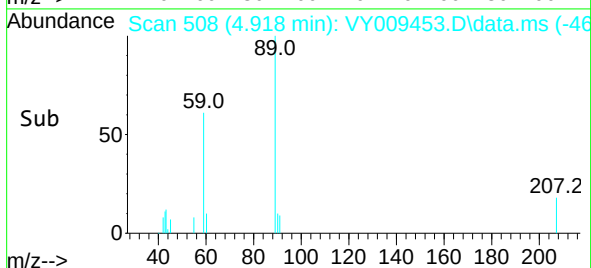
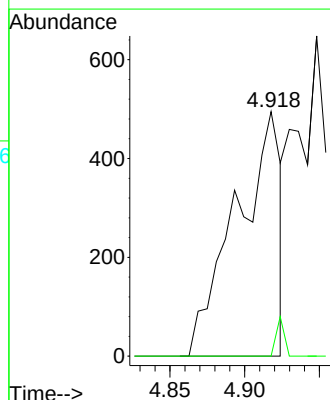
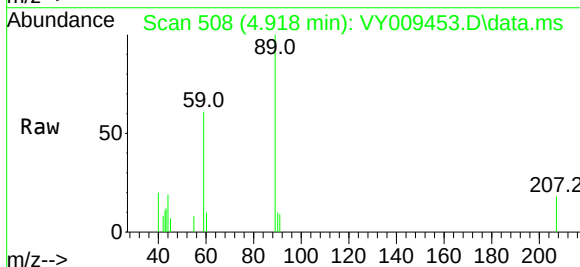
Instrument :
MSVOA_Y
ClientSampleId :
AU-6-070522

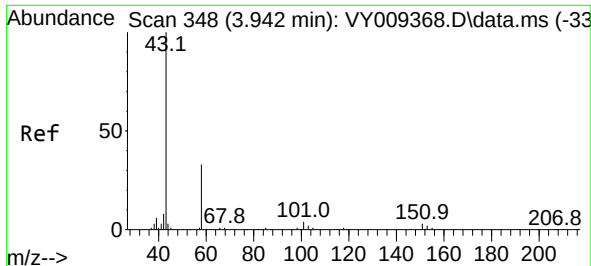
Tgt Ion:168 Resp: 224347
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.918 min Scan# 508
Delta R.T. -0.024 min
Lab File: VY009453.D
Acq: 06 Jul 2022 14:54

Tgt Ion: 59 Resp: 1023
Ion Ratio Lower Upper
59 100
57 2.8 6.4 9.6#

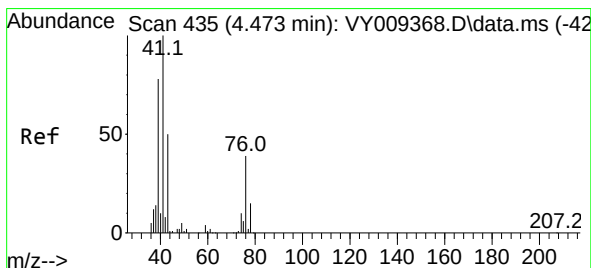
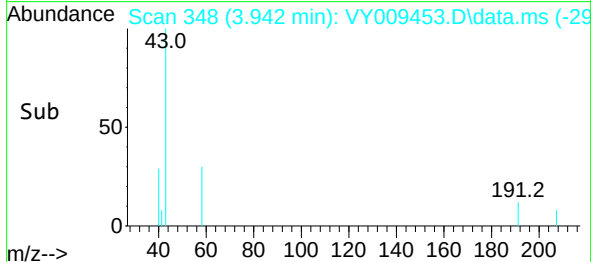
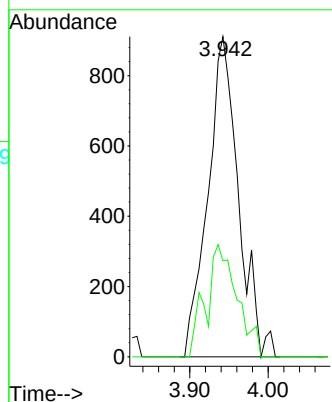
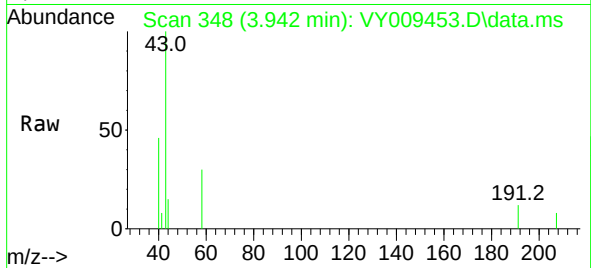




#16
Acetone
Concen: 4.192 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY009453.D
Acq: 06 Jul 2022 14:54

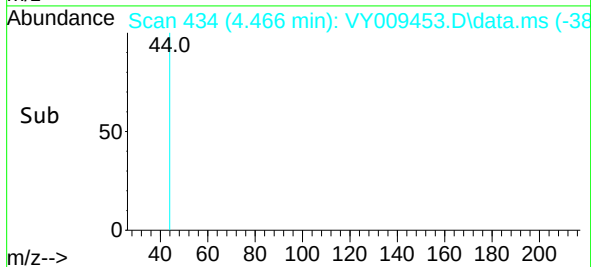
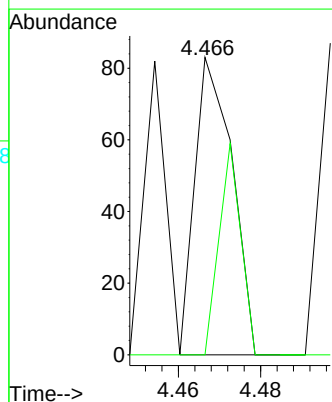
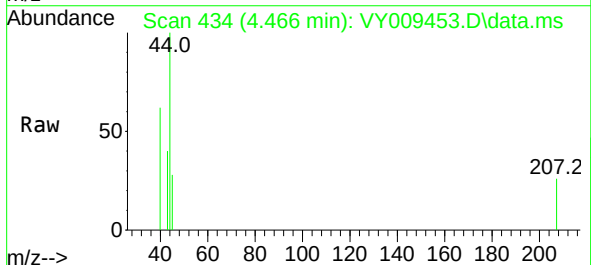
Instrument :
MSVOA_Y
ClientSampleId :
AU-6-070522

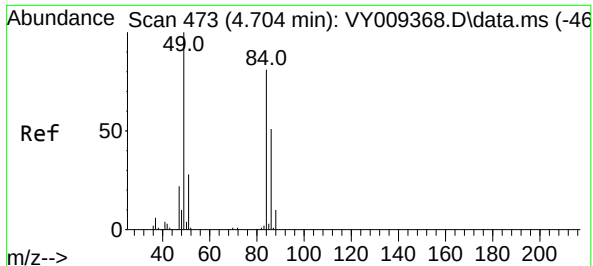
Tgt Ion: 43 Resp: 2474
Ion Ratio Lower Upper
43 100
58 30.0 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. -0.007 min
Lab File: VY009453.D
Acq: 06 Jul 2022 14:54

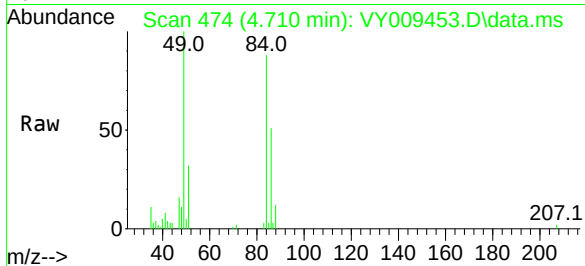
Tgt Ion: 43 Resp: 52
Ion Ratio Lower Upper
43 100
74 42.3 16.6 24.8#





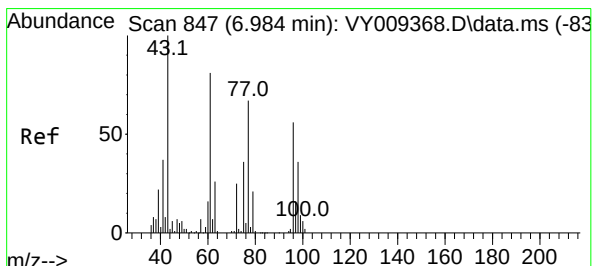
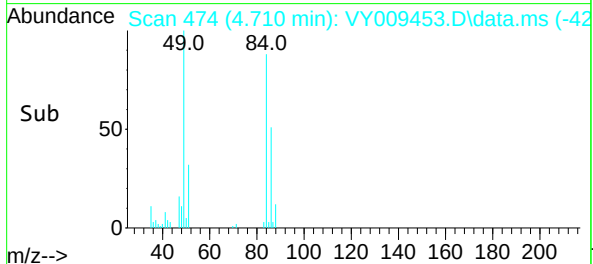
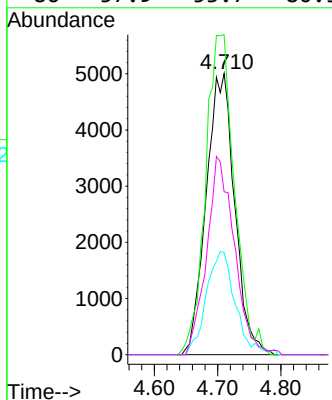
#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009453.D
Acq: 06 Jul 2022 14:54

Instrument :
MSVOA_Y
ClientSampleId :
AU-6-070522



Tgt Ion: 84 Resp: 15687

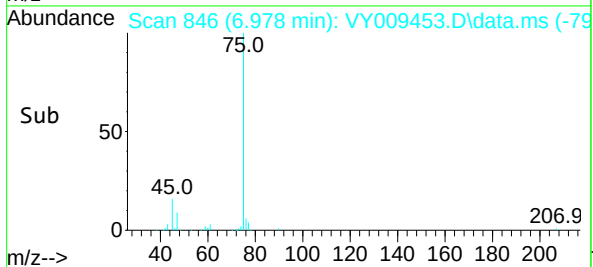
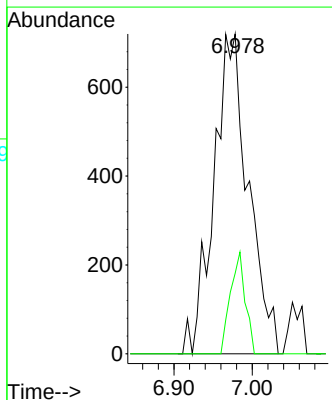
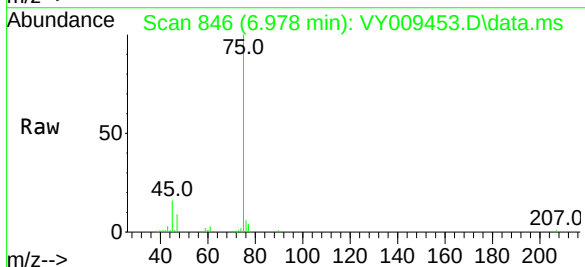
Ion	Ratio	Lower	Upper
84	100		
49	113.9	114.4	171.6#
51	36.3	35.3	52.9
86	57.9	53.7	80.5

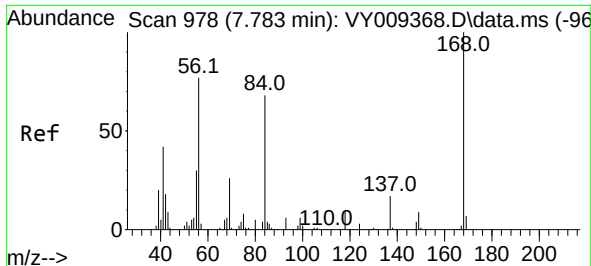


#25
2-Butanone
Concen: 2.366 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009453.D
Acq: 06 Jul 2022 14:54

Tgt Ion: 43 Resp: 2214

Ion	Ratio	Lower	Upper
43	100		
72	25.1	17.7	26.5

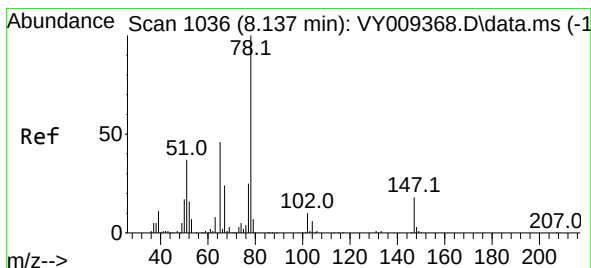
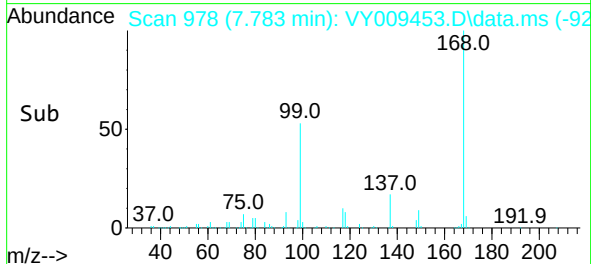
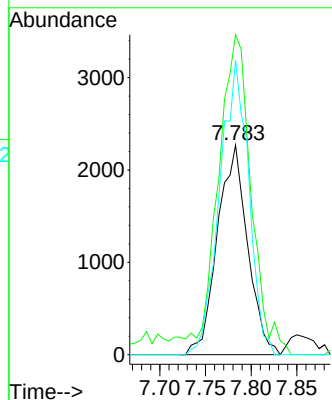
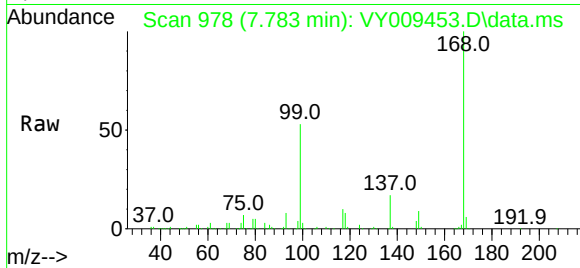




#31
Cyclohexane
Concen: 1.288 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009453.D
Acq: 06 Jul 2022 14:54

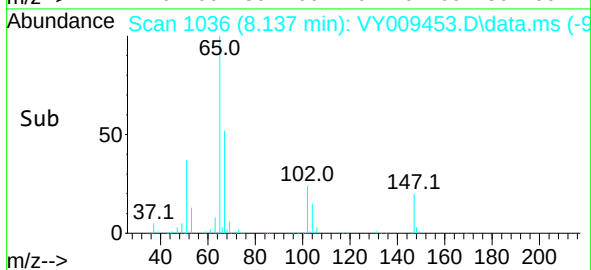
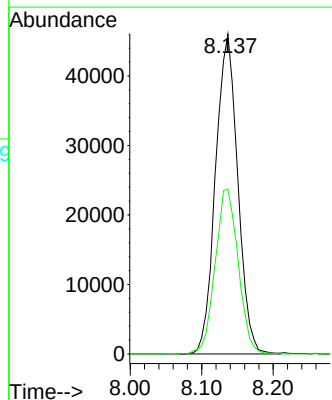
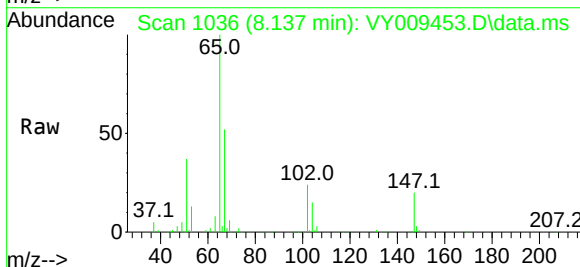
Instrument :
MSVOA_Y
ClientSampleId :
AU-6-070522

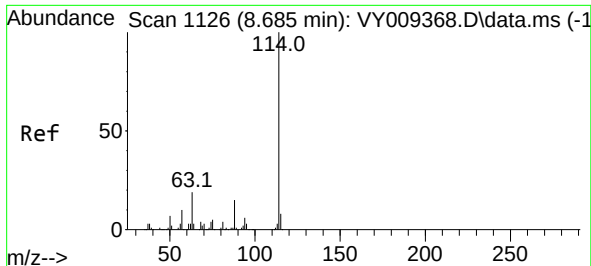
Tgt Ion: 56 Resp: 5205
Ion Ratio Lower Upper
56 100
69 146.1 26.7 40.1#
84 140.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 55.332 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY009453.D
Acq: 06 Jul 2022 14:54

Tgt Ion: 65 Resp: 99428
Ion Ratio Lower Upper
65 100
67 53.5 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: VY009453.D

Acq: 06 Jul 2022 14:54

Instrument :

MSVOA_Y

ClientSampleId :

AU-6-070522

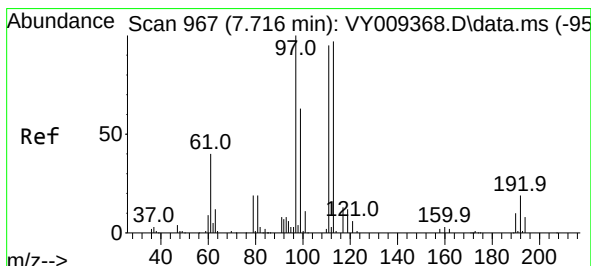
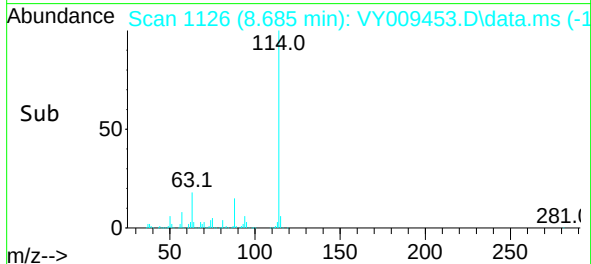
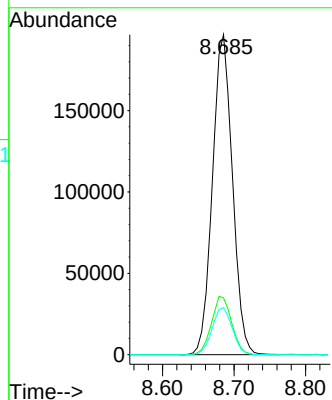
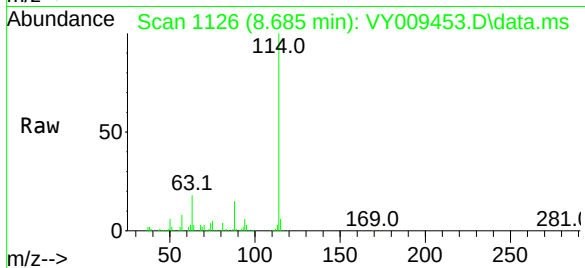
Tgt Ion:114 Resp: 381541

Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 14.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 43.643 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009453.D

Acq: 06 Jul 2022 14:54

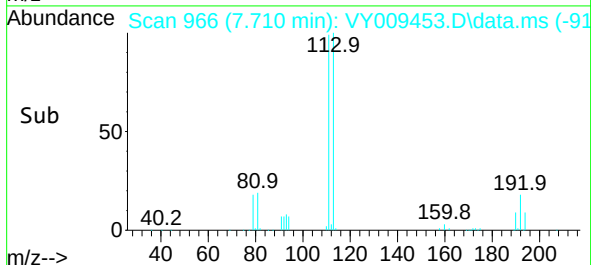
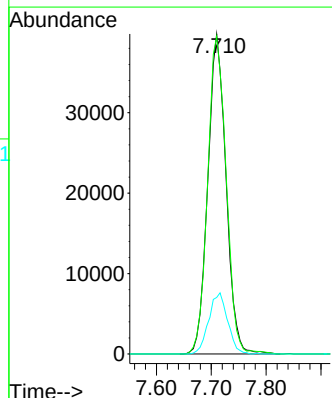
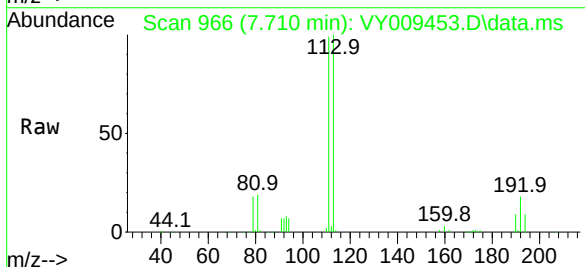
Tgt Ion:113 Resp: 91646

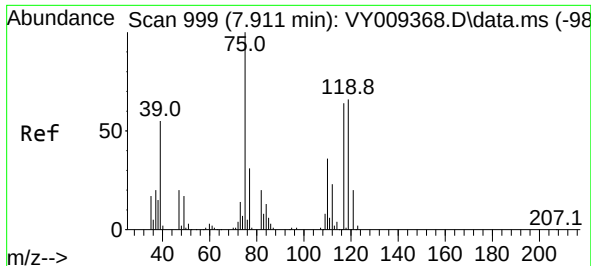
Ion Ratio Lower Upper

113 100

111 101.3 82.6 124.0

192 19.8 17.6 26.4

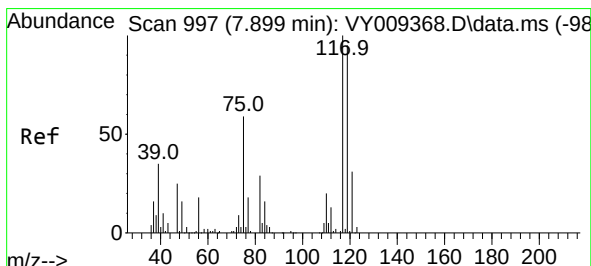
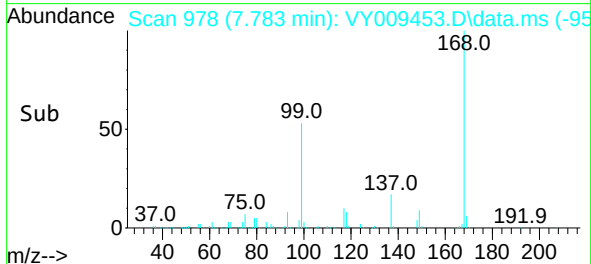
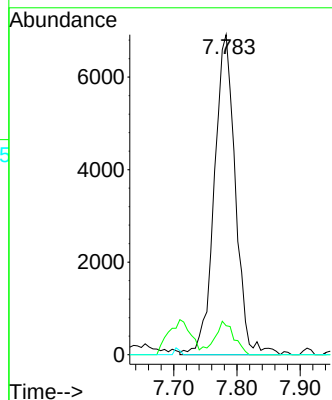
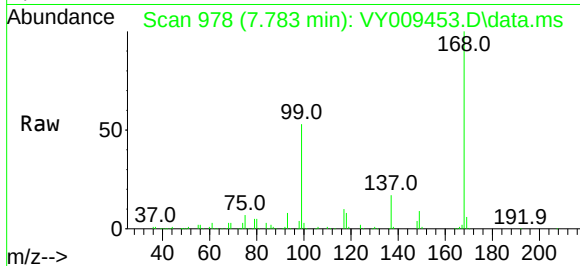




#36
 1,1-Dichloropropene
 Concen: 4.348 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY009453.D
 Acq: 06 Jul 2022 14:54

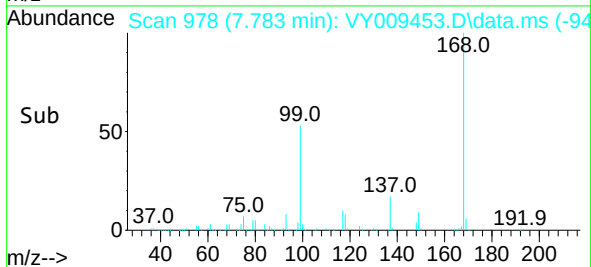
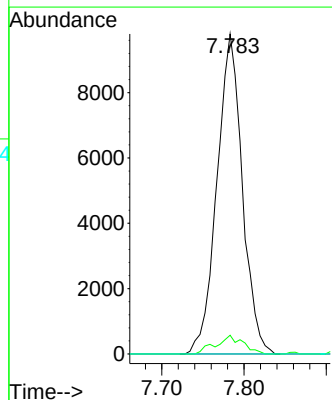
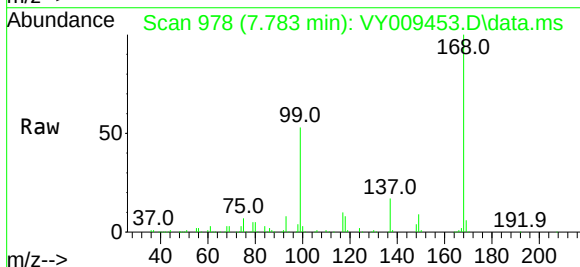
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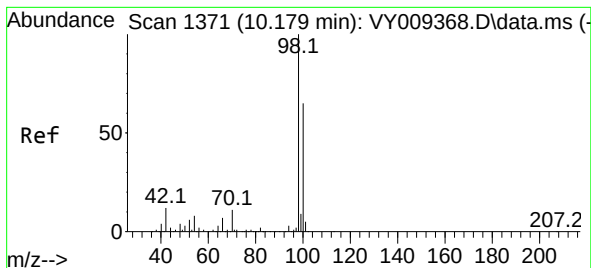
Tgt Ion: 75 Resp: 15963
 Ion Ratio Lower Upper
 75 100
 110 9.0 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.473 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.110 min
 Lab File: VY009453.D
 Acq: 06 Jul 2022 14:54

Tgt Ion: 117 Resp: 21003
 Ion Ratio Lower Upper
 117 100
 119 5.8 77.9 116.9#
 121 0.0 24.8 37.2#

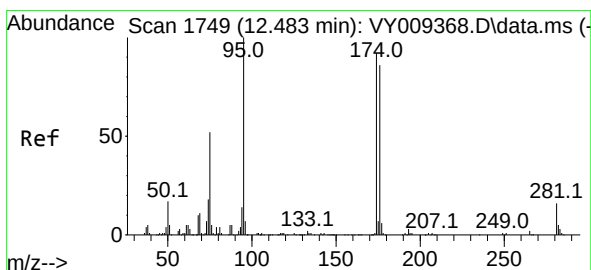
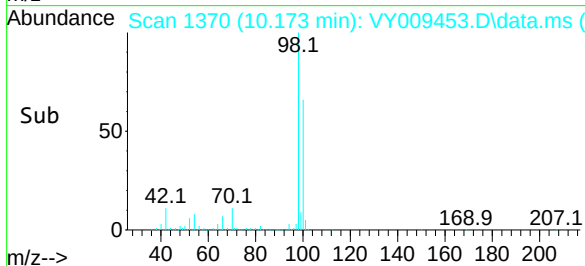
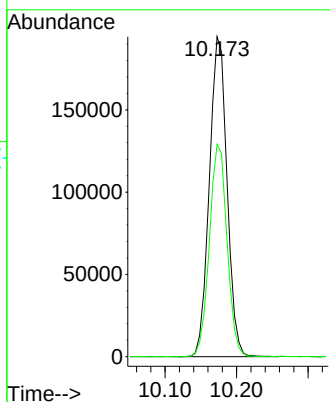
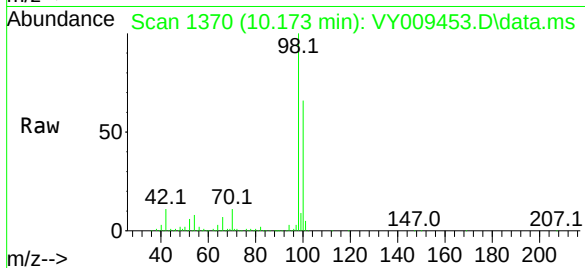




#50
Toluene-d8
Concen: 51.739 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009453.D
Acq: 06 Jul 2022 14:54

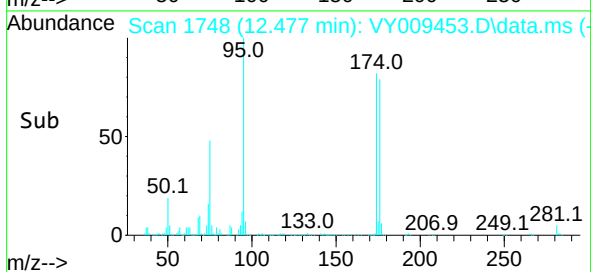
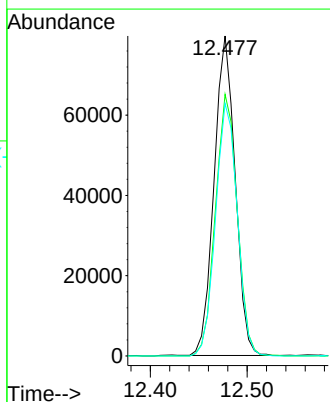
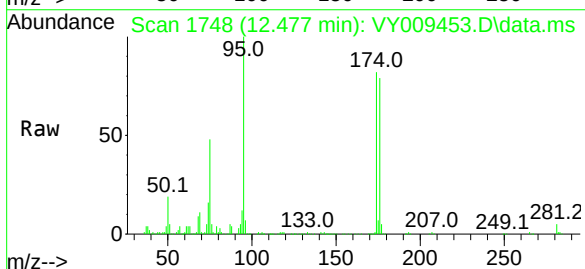
Instrument :
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AU-6-070522

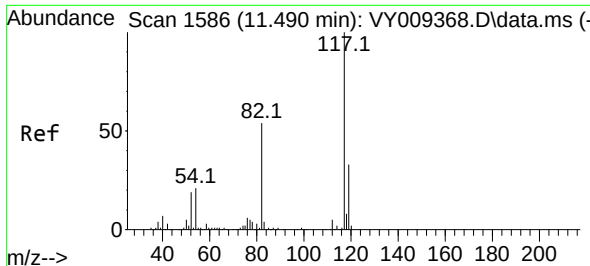
Tgt Ion: 98 Resp: 333112
Ion Ratio Lower Upper
98 100
100 66.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.381 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009453.D
Acq: 06 Jul 2022 14:54

Tgt Ion: 95 Resp: 120250
Ion Ratio Lower Upper
95 100
174 84.6 0.0 177.0
176 81.6 0.0 175.8

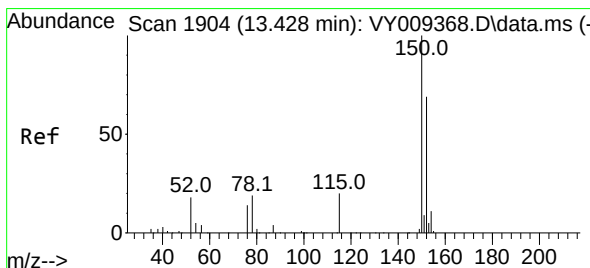
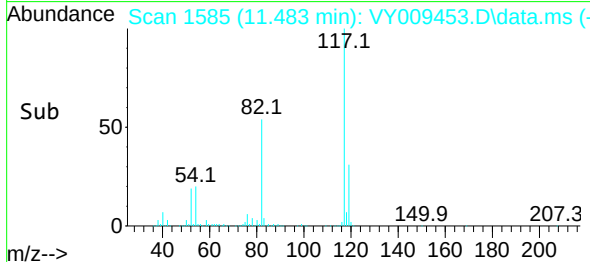
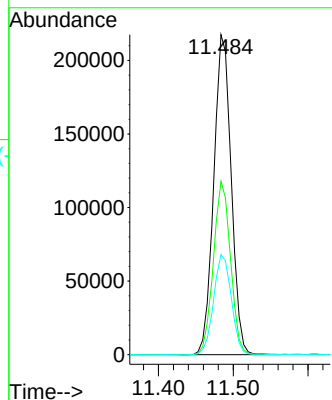
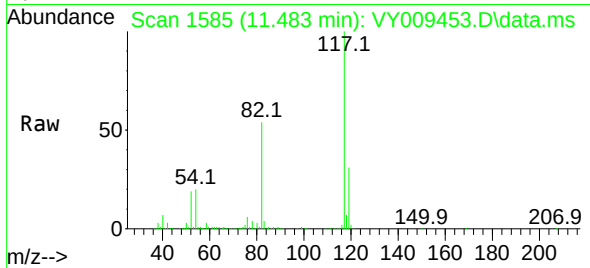




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY009453.D
Acq: 06 Jul 2022 14:54

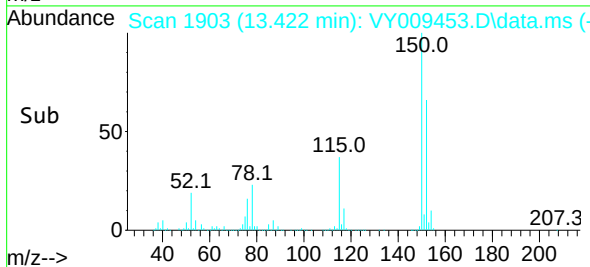
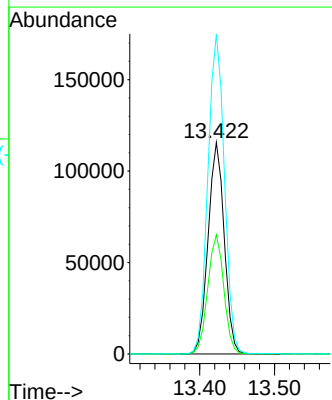
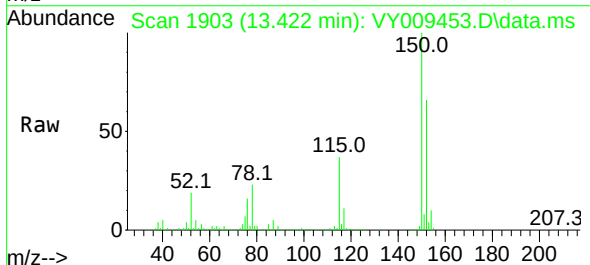
Instrument :
MSVOA_Y
ClientSampleId :
AU-6-070522

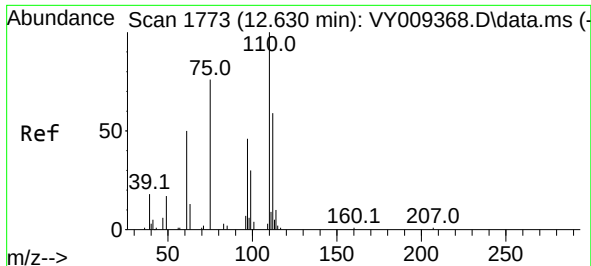
Tgt Ion:117 Resp: 354069
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 31.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009453.D
Acq: 06 Jul 2022 14:54

Tgt Ion:152 Resp: 173402
Ion Ratio Lower Upper
152 100
115 56.1 28.2 84.7
150 154.1 0.0 347.6

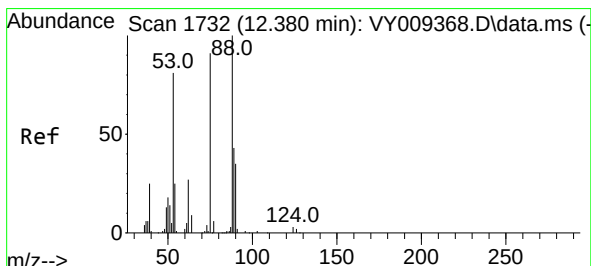
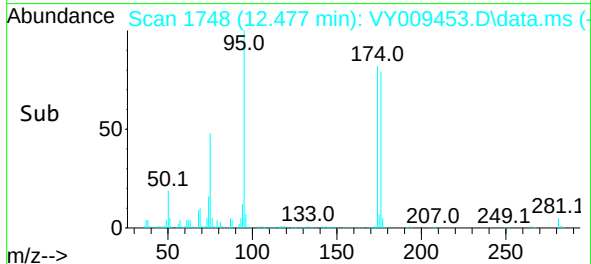
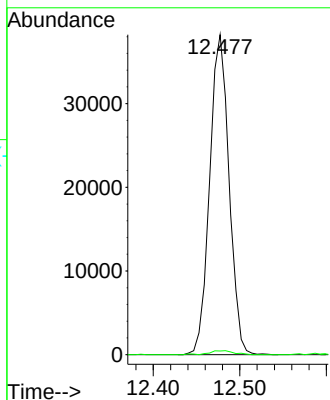
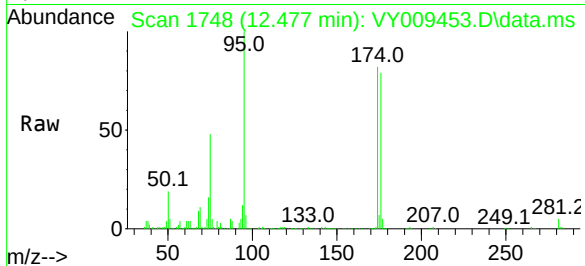




#76
1,2,3-Trichloropropane
Concen: 29.283 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009453.D
Acq: 06 Jul 2022 14:54

Instrument :
MSVOA_Y
ClientSampleId :
AU-6-070522

Tgt Ion: 75 Resp: 59464
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.198 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY009453.D
Acq: 06 Jul 2022 14:54

Tgt Ion: 75 Resp: 59464
Ion Ratio Lower Upper
75 100
53 0.7 85.3 127.9#
89 0.1 37.0 55.4#

