

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021623\
 Data File : VY012634.D
 Acq On : 16 Feb 2023 13:39
 Operator : KP/MD
 Sample : 01562-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 16 21:59:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

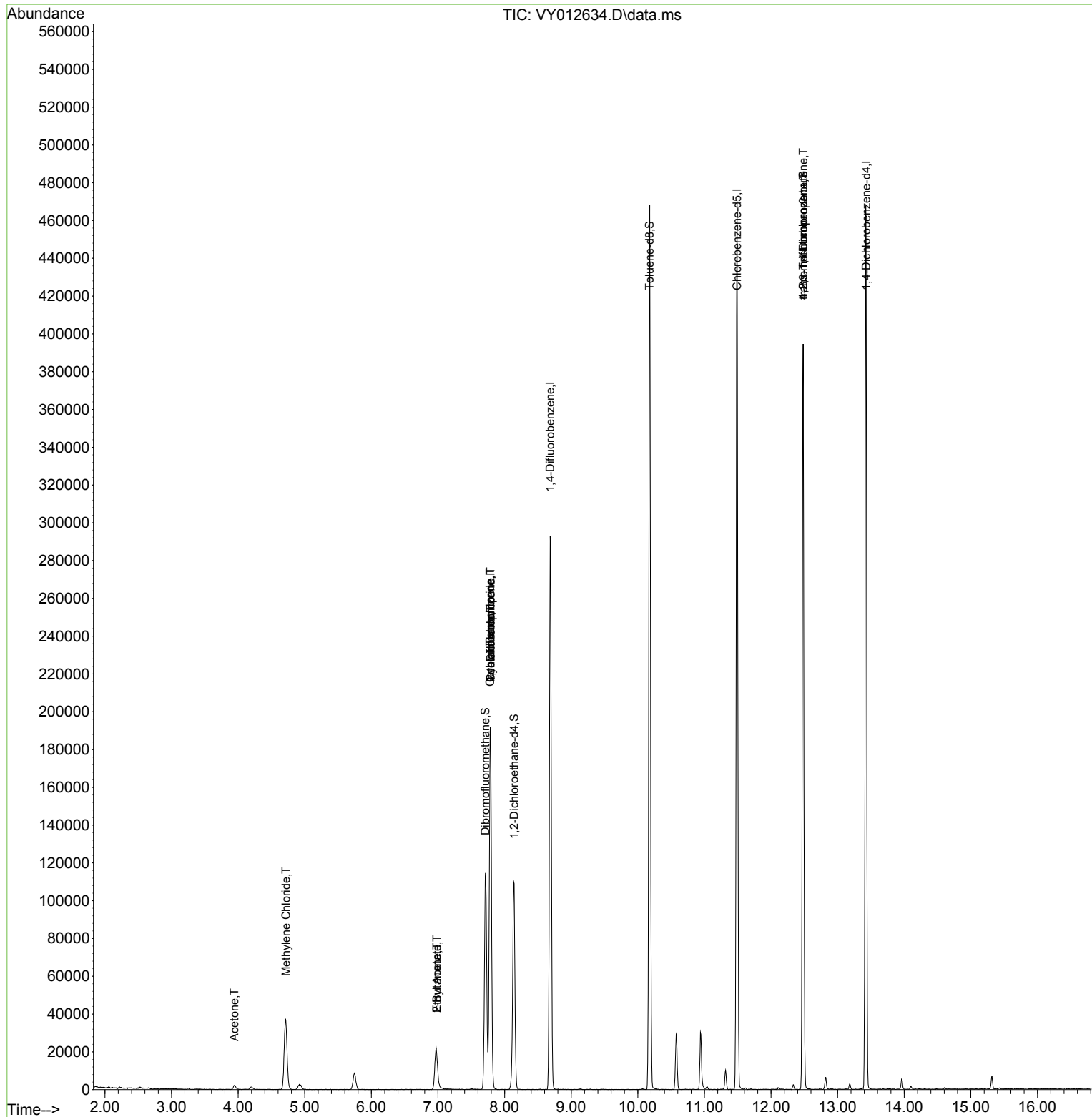
Internal Standards						
1) Pentafluorobenzene	7.789	168	157334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	263136	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	264010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	90874	45.421	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.840%
35) Dibromofluoromethane	7.710	113	78050	40.729	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.460%
50) Toluene-d8	10.179	98	312247	39.147	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.300%
62) 4-Bromofluorobenzene	12.483	95	109442	39.337	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.680%
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	85	Below Cal	#	3
11) Tert butyl alcohol	4.917	59	1483	Below Cal	#	75
16) Acetone	3.942	43	4026	8.361	ug/l	96
20) Methylene Chloride	4.716	84	31883	14.751	ug/l	95
25) 2-Butanone	6.984	43	1543	2.888	ug/l #	79
31) Cyclohexane	7.789	56	2769	1.197	ug/l #	44
36) 1,1-Dichloropropene	7.789	75	10654	4.108	ug/l #	49
37) Ethyl Acetate	6.984	43	1543	1.318	ug/l #	11
38) Carbon Tetrachloride	7.783	117	15438	4.434	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	57277	39.313	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	57277	88.652	ug/l #	12

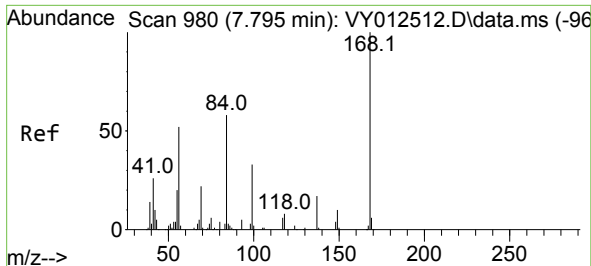
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 08 01:09:03 2023
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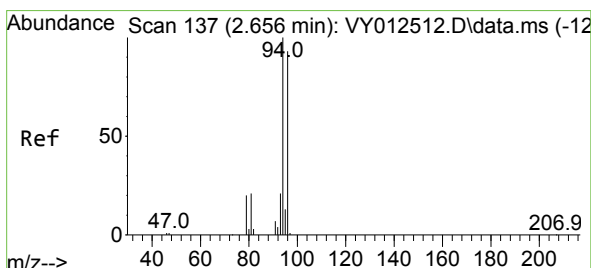
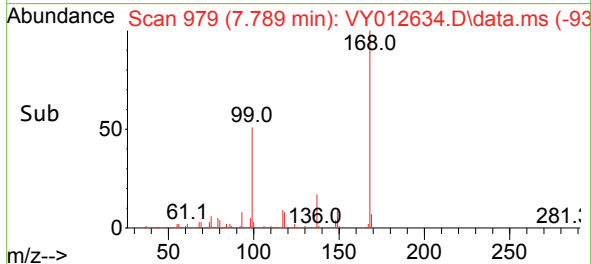
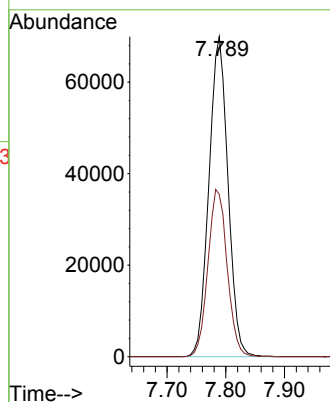
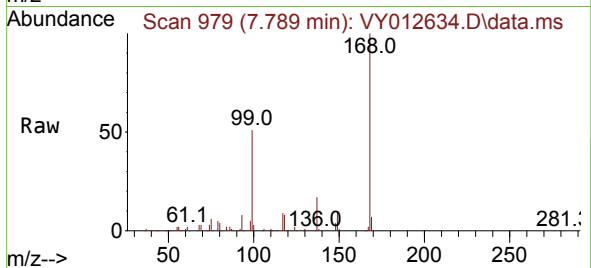




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012634.D
Acq: 16 Feb 2023 13:39

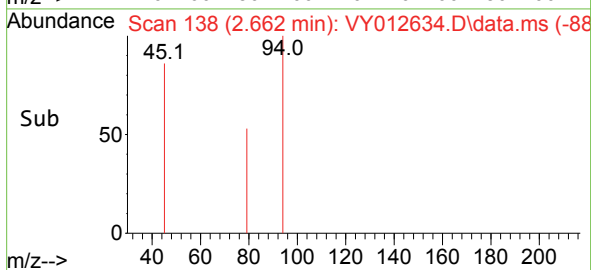
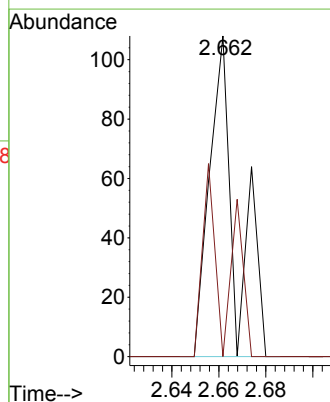
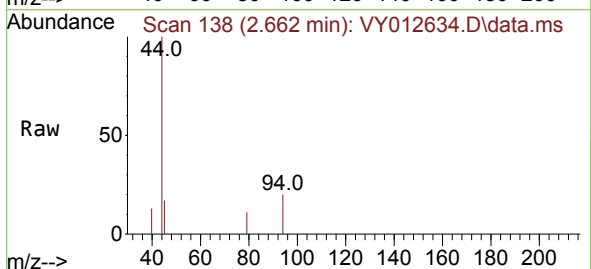
Instrument :
MSVOA_Y
ClientSampleId :

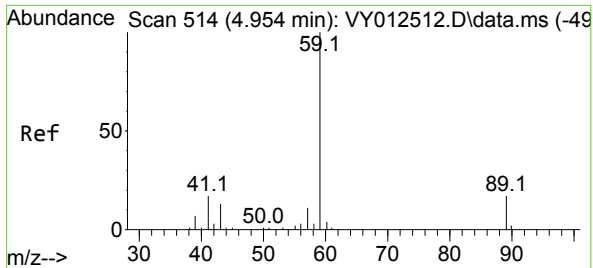
Tgt Ion:168 Resp: 157334
Ion Ratio Lower Upper
168 100
99 50.7 40.8 61.2



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY012634.D
Acq: 16 Feb 2023 13:39

Tgt Ion: 94 Resp: 85
Ion Ratio Lower Upper
94 100
96 0.0 74.7 112.1#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.917 min Scan# 50

Delta R.T. -0.037 min

Lab File: VY012634.D

Acq: 16 Feb 2023 13:39

Instrument :

MSVOA_Y

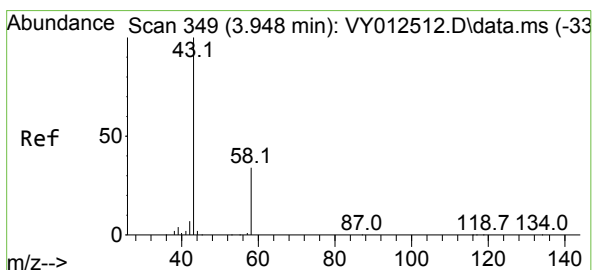
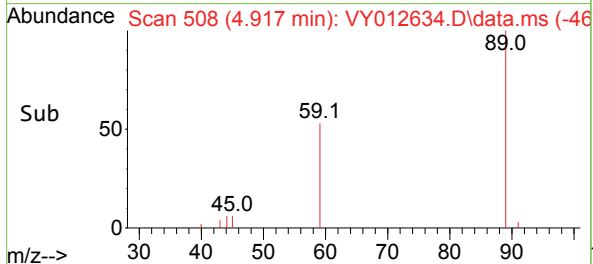
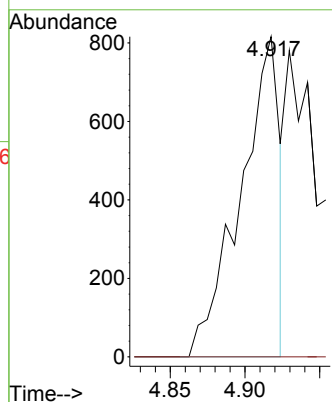
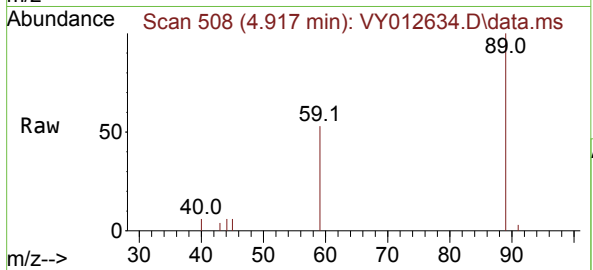
ClientSampleId :

Tgt Ion: 59 Resp: 1483

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#16

Acetone

Concen: 8.361 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY012634.D

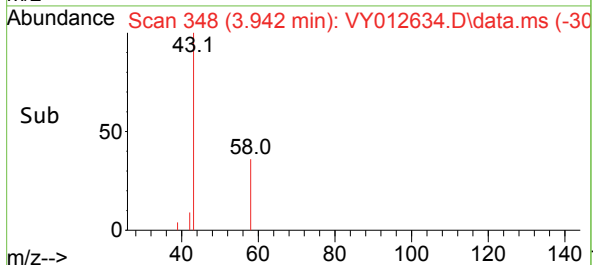
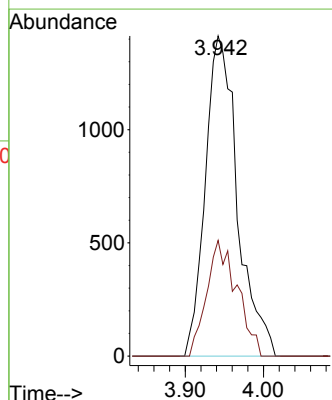
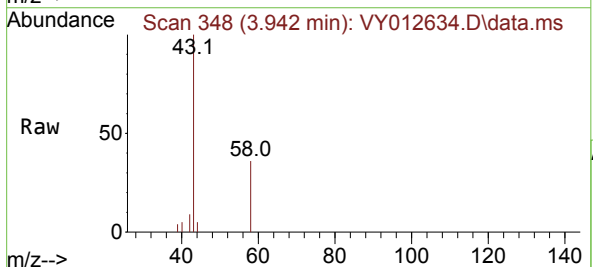
Acq: 16 Feb 2023 13:39

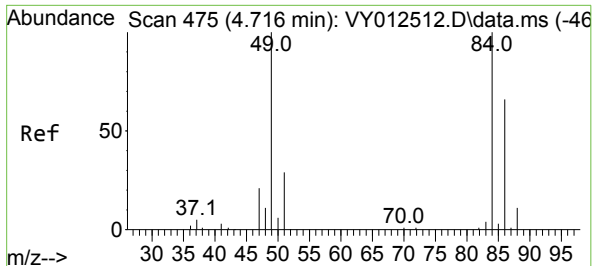
Tgt Ion: 43 Resp: 4026

Ion Ratio Lower Upper

43 100

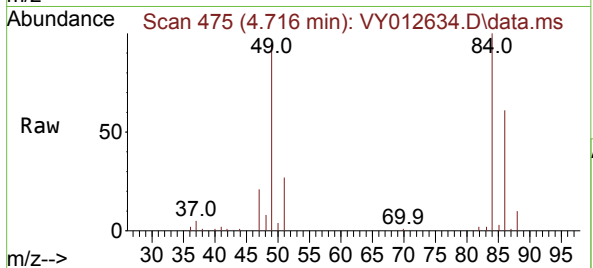
58 36.1 27.1 40.7





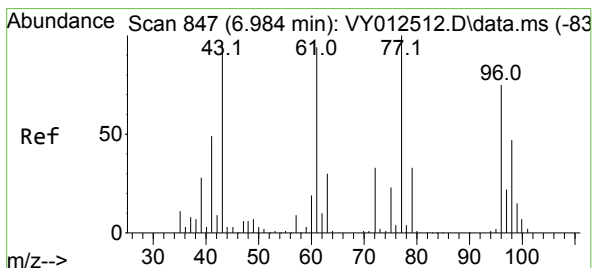
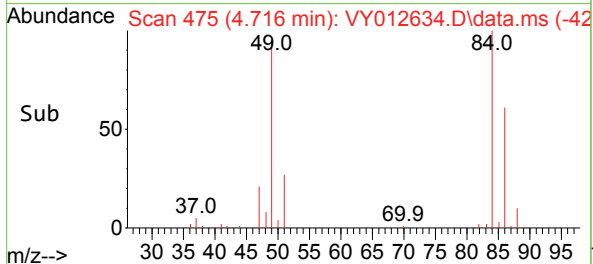
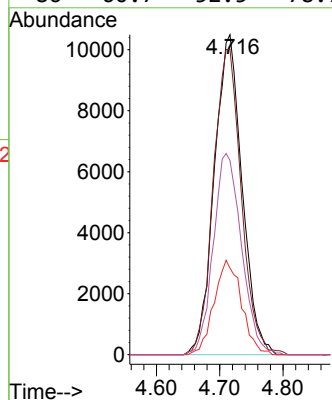
#20
Methylene Chloride
Concen: 14.751 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012634.D
Acq: 16 Feb 2023 13:39

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 31883

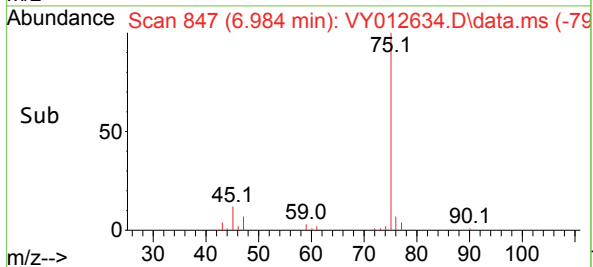
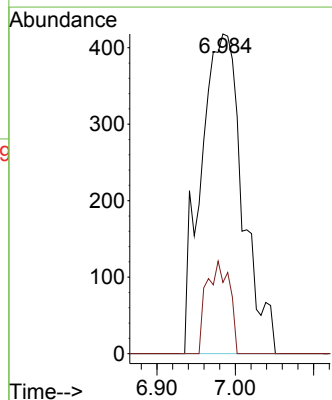
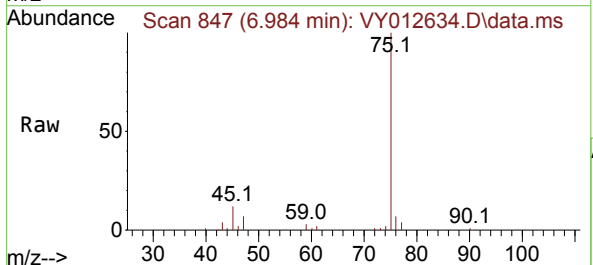
Ion	Ratio	Lower	Upper
84	100		
49	95.4	79.8	119.6
51	27.0	23.4	35.2
86	60.7	52.5	78.7

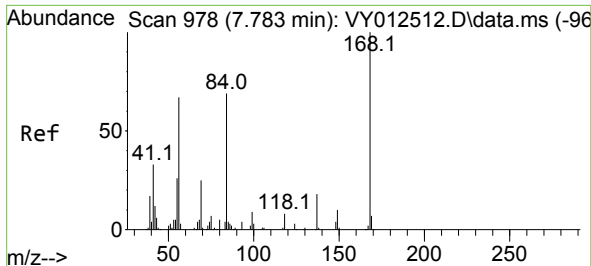


#25
2-Butanone
Concen: 2.888 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012634.D
Acq: 16 Feb 2023 13:39

Tgt Ion: 43 Resp: 1543

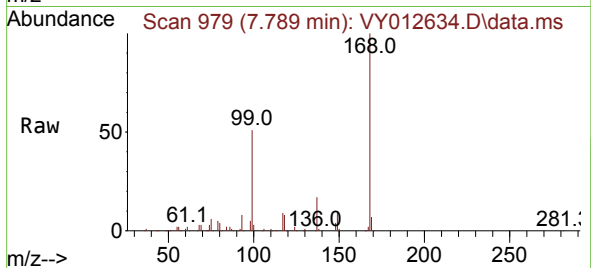
Ion	Ratio	Lower	Upper
43	100		
72	22.2	27.4	41.2#



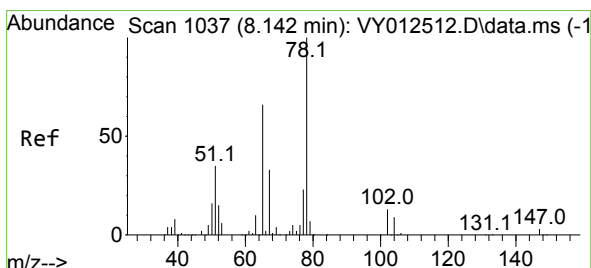
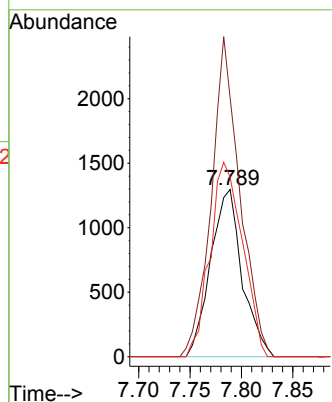
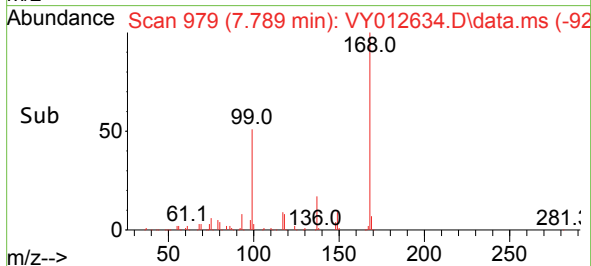


#31
Cyclohexane
Concen: 1.197 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012634.D
Acq: 16 Feb 2023 13:39

Instrument :
MSVOA_Y
ClientSampleId :

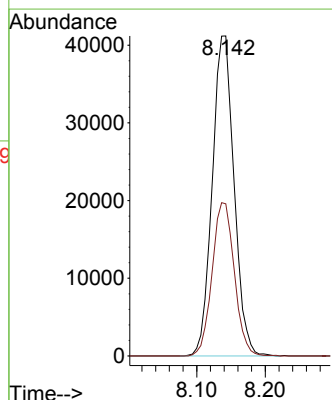
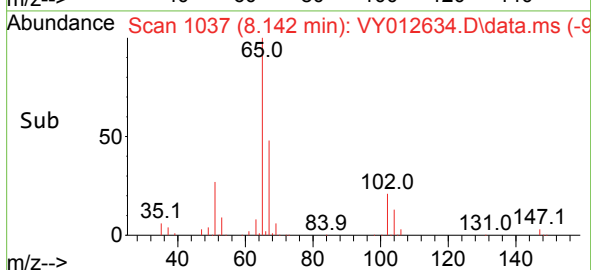
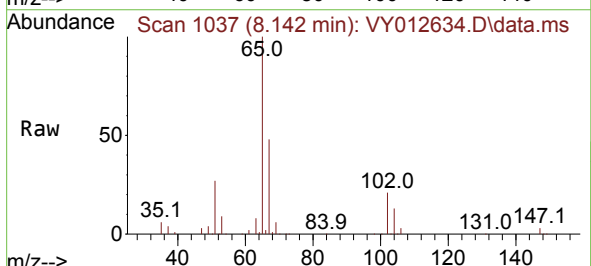


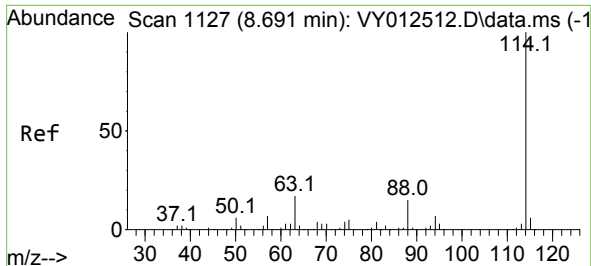
Tgt Ion: 56 Resp: 2769
Ion Ratio Lower Upper
56 100
69 154.7 29.5 44.3#
84 107.4 81.9 122.9



#33
1,2-Dichloroethane-d4
Concen: 45.421 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY012634.D
Acq: 16 Feb 2023 13:39

Tgt Ion: 65 Resp: 90874
Ion Ratio Lower Upper
65 100
67 48.9 0.0 98.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012634.D

Acq: 16 Feb 2023 13:39

Instrument :

MSVOA_Y

ClientSampleId :

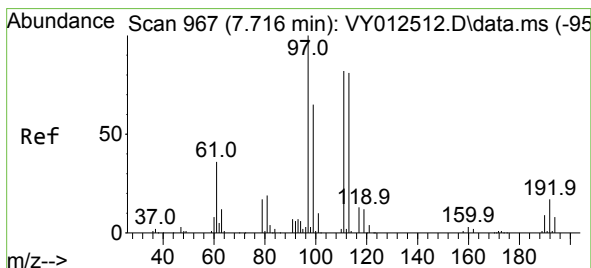
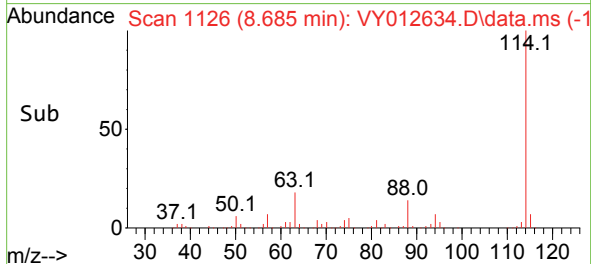
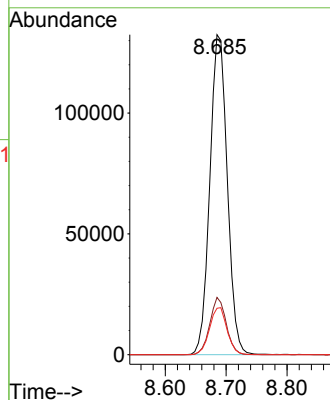
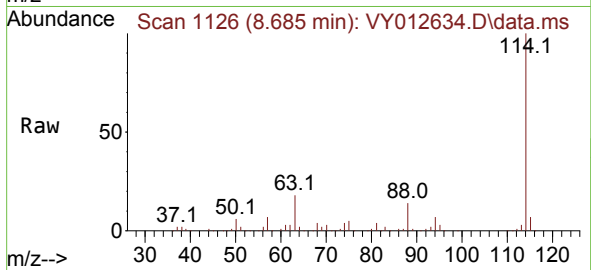
Tgt Ion:114 Resp: 263136

Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.6

88 14.5 0.0 29.8



#35

Dibromofluoromethane

Concen: 40.729 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY012634.D

Acq: 16 Feb 2023 13:39

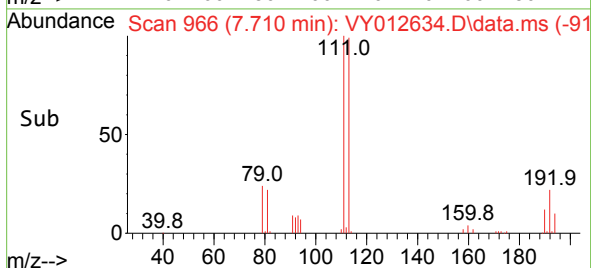
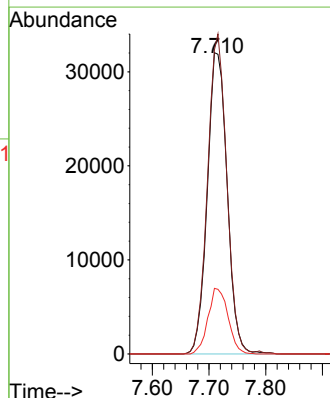
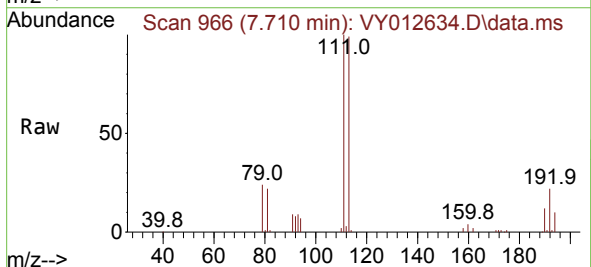
Tgt Ion:113 Resp: 78050

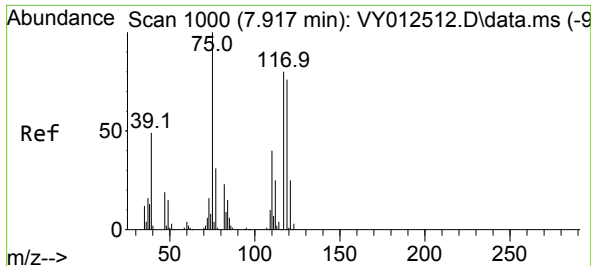
Ion Ratio Lower Upper

113 100

111 103.1 81.9 122.9

192 22.0 17.5 26.3





#36

1,1-Dichloropropene

Concen: 4.108 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

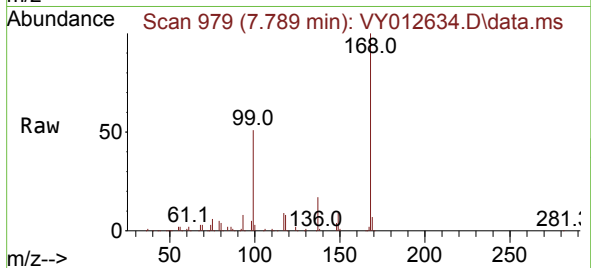
Lab File: VY012634.D

Acq: 16 Feb 2023 13:39

Instrument :

MSVOA_Y

ClientSampleId :



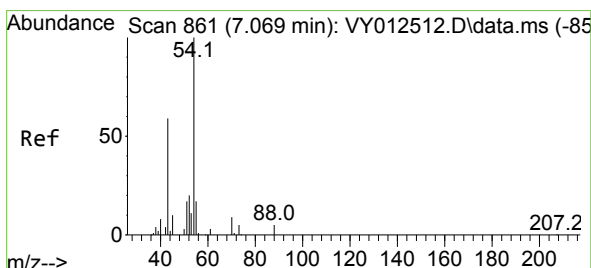
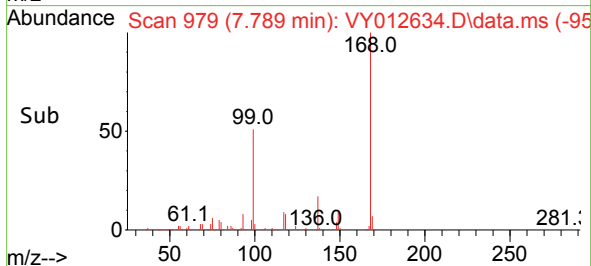
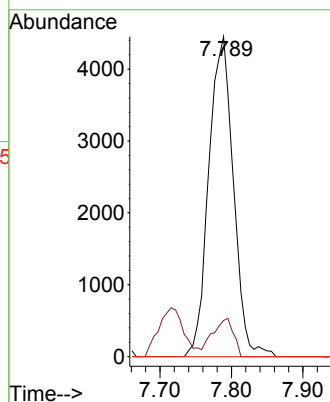
Tgt Ion: 75 Resp: 10654

Ion Ratio Lower Upper

75 100

110 10.1 19.5 58.5#

77 0.0 24.9 37.3#



#37

Ethyl Acetate

Concen: 1.318 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.085 min

Lab File: VY012634.D

Acq: 16 Feb 2023 13:39

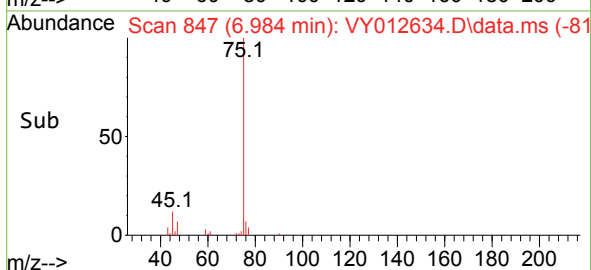
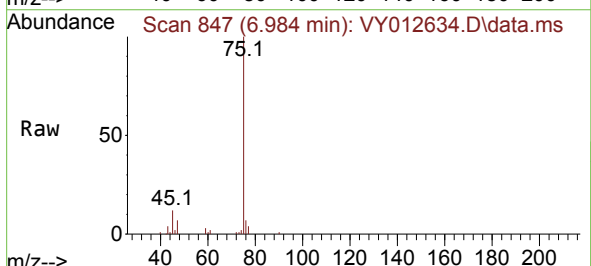
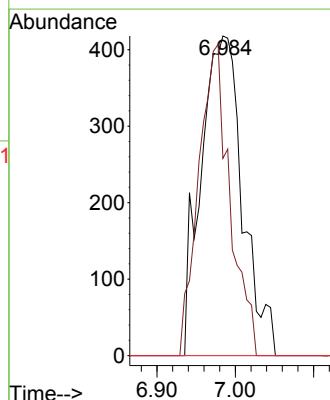
Tgt Ion: 43 Resp: 1543

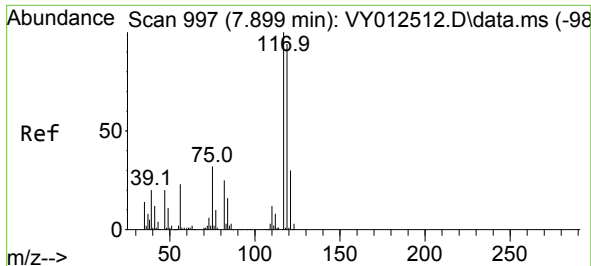
Ion Ratio Lower Upper

43 100

61 73.0 12.5 18.7#

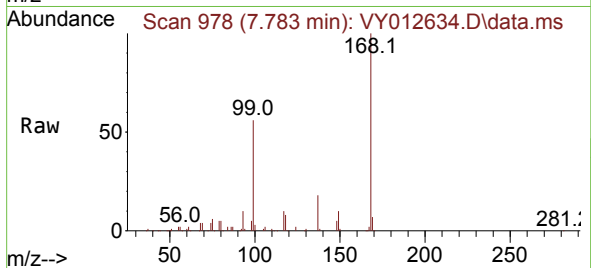
70 0.0 11.0 16.4#



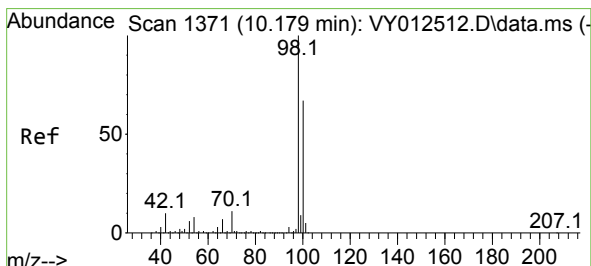
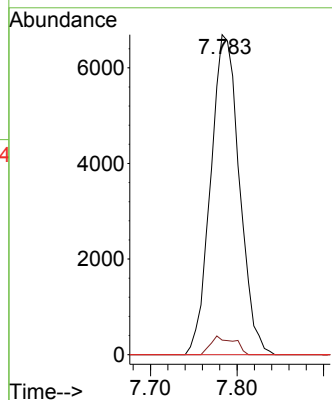
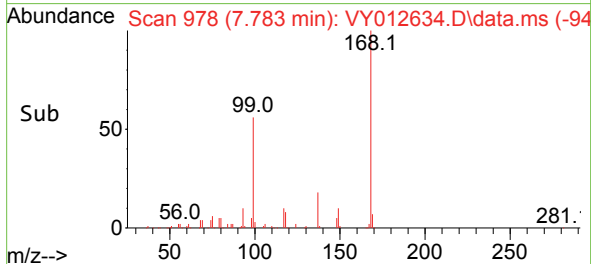


#38
Carbon Tetrachloride
Concen: 4.434 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY012634.D
Acq: 16 Feb 2023 13:39

Instrument :
MSVOA_Y
ClientSampleId :

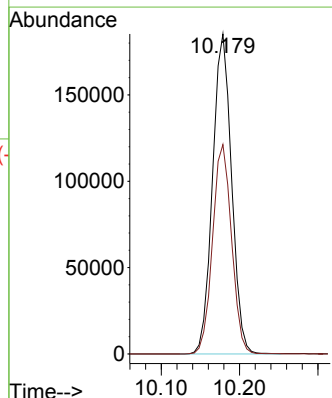
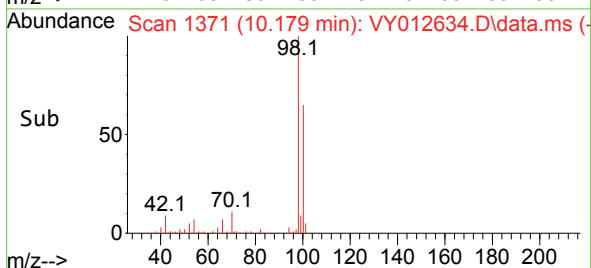
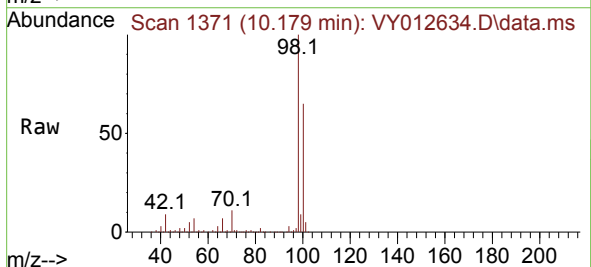


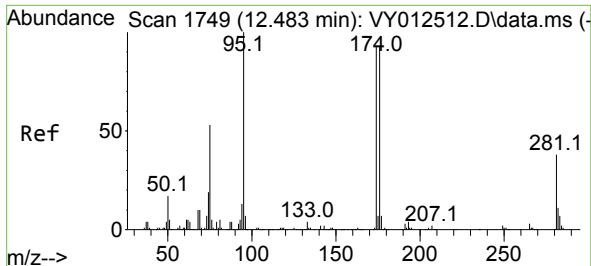
Tgt Ion:117 Resp: 15438
Ion Ratio Lower Upper
117 100
119 4.5 75.1 112.7#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 39.147 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012634.D
Acq: 16 Feb 2023 13:39

Tgt Ion: 98 Resp: 312247
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.2

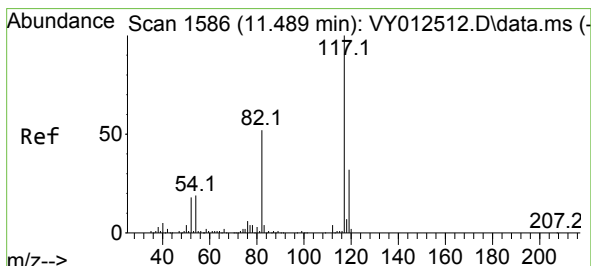
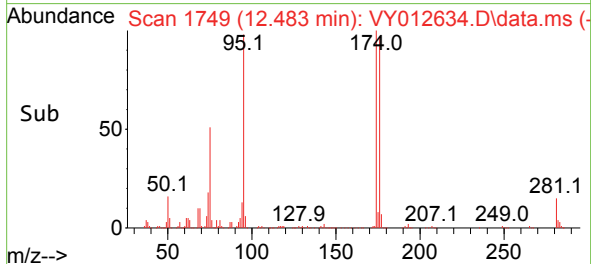
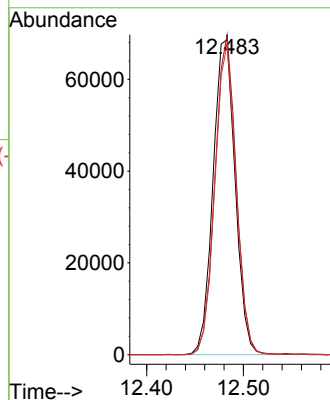
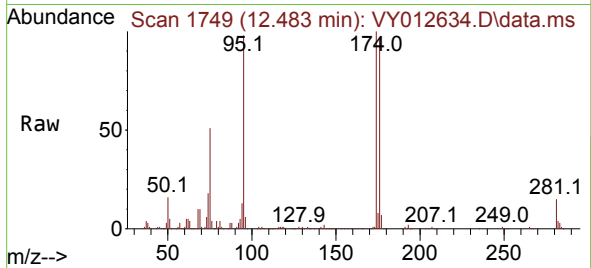




#62
4-Bromofluorobenzene
Concen: 39.337 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012634.D
Acq: 16 Feb 2023 13:39

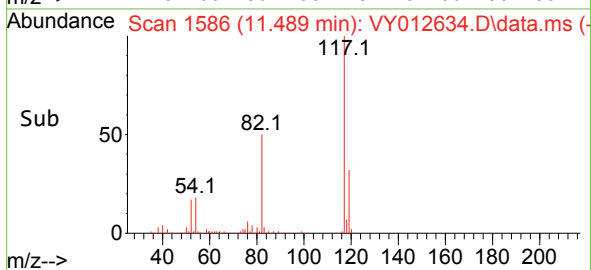
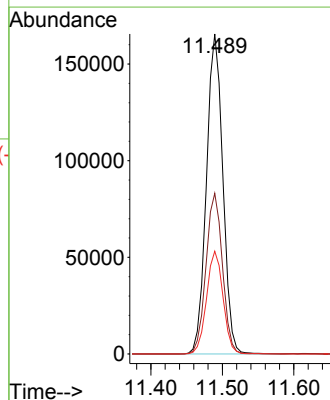
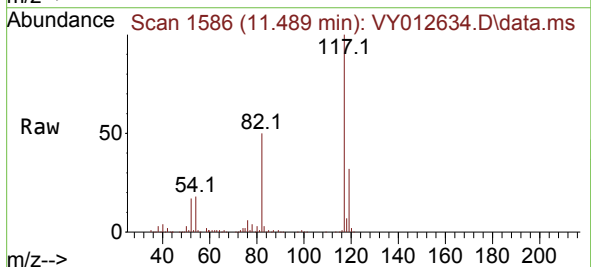
Instrument :
MSVOA_Y
ClientSampleId :

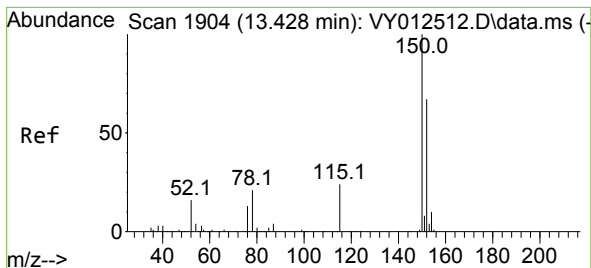
Tgt Ion: 95 Resp: 109442
Ion Ratio Lower Upper
95 100
174 97.2 0.0 188.0
176 94.1 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012634.D
Acq: 16 Feb 2023 13:39

Tgt Ion: 117 Resp: 264010
Ion Ratio Lower Upper
117 100
82 50.2 41.7 62.5
119 32.1 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012634.D

Acq: 16 Feb 2023 13:39

Instrument :

MSVOA_Y

ClientSampleId :

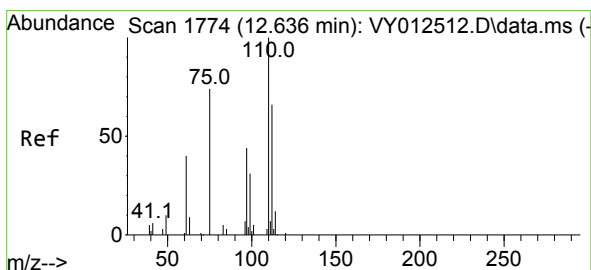
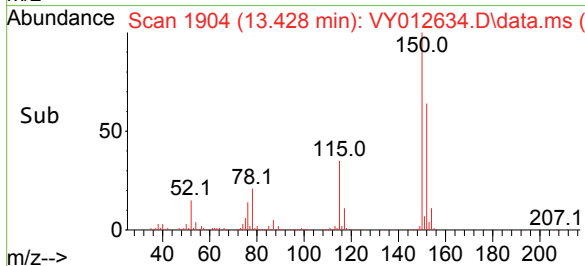
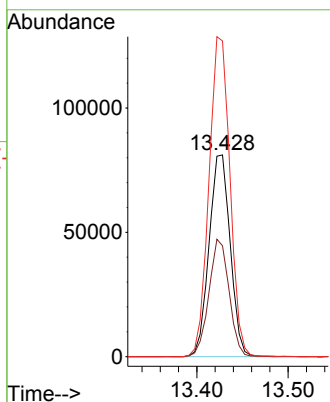
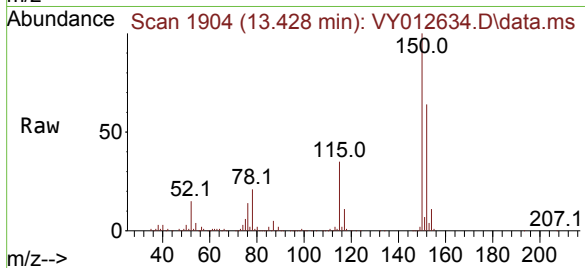
Tgt Ion:152 Resp: 130408

Ion Ratio Lower Upper

152 100

115 55.5 28.1 84.3

150 157.2 0.0 351.0



#76

1,2,3-Trichloropropane

Concen: 39.313 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY012634.D

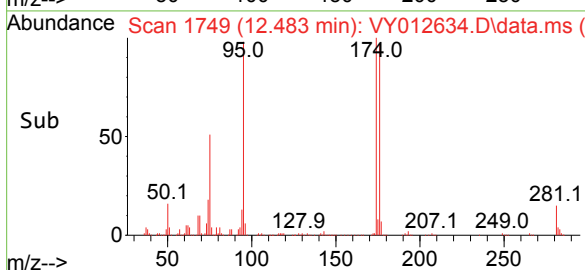
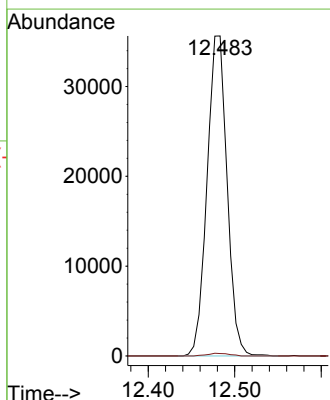
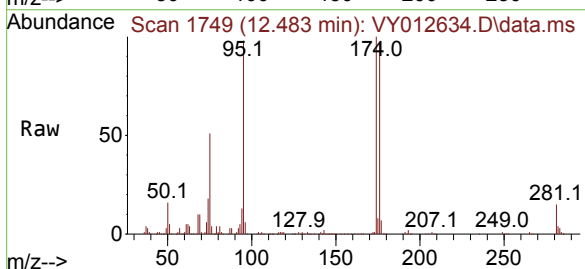
Acq: 16 Feb 2023 13:39

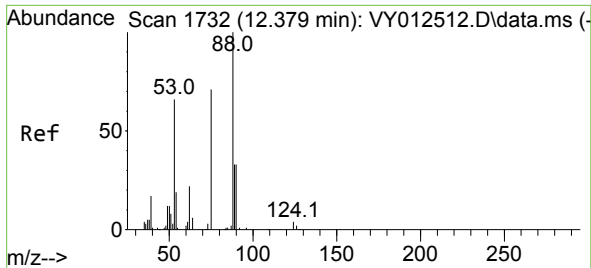
Tgt Ion: 75 Resp: 57277

Ion Ratio Lower Upper

75 100

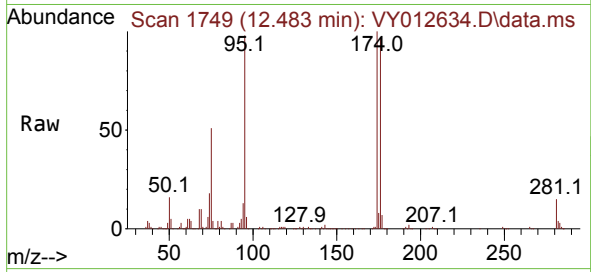
77 0.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.652 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY012634.D
 Acq: 16 Feb 2023 13:39

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 57277
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.1 109.7#
 89 0.2 39.9 59.9#

