

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021723\
 Data File : VY012656.D
 Acq On : 17 Feb 2023 17:16
 Operator : KP/MD
 Sample : 01586-05
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-3

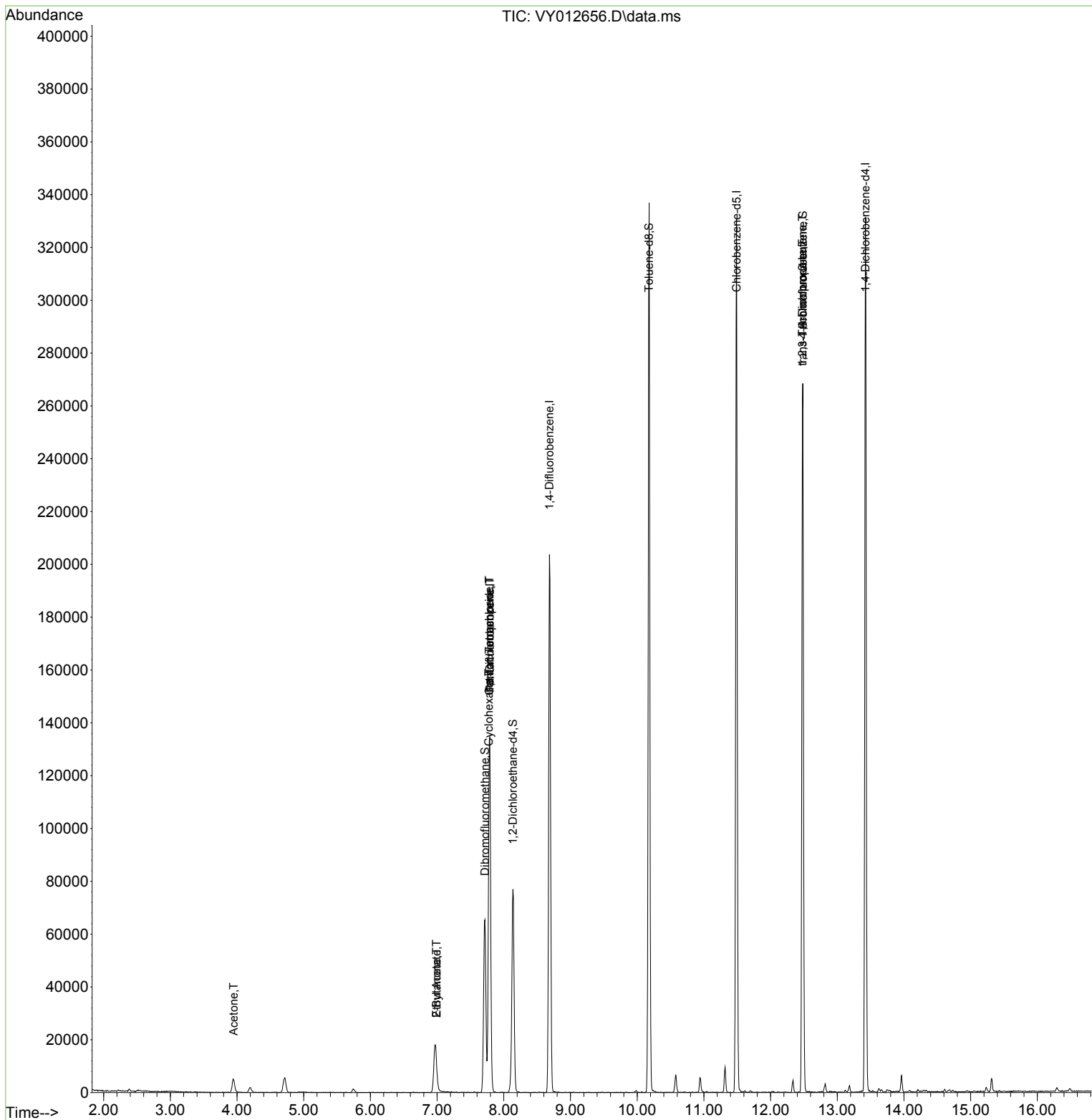
Quant Time: Feb 17 22:48:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 18:08:19 2023
 Response via : Initial Calibration

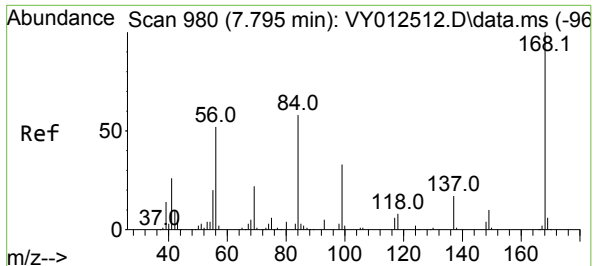
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	111671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	186920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	188570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	64528	45.441	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.880%
35) Dibromofluoromethane	7.716	113	45009	33.064	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	66.120%
50) Toluene-d8	10.179	98	221942	39.171	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.340%
62) 4-Bromofluorobenzene	12.483	95	74663	37.779	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.560%
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	51	Below Cal		81
11) Tert butyl alcohol	4.936	59	358	Below Cal	#	75
16) Acetone	3.948	43	8647	25.300	ug/l	93
20) Methylene Chloride	4.723	84	4881	Below Cal	#	82
25) 2-Butanone	6.990	43	1511	3.985	ug/l	# 78
31) Cyclohexane	7.777	56	2038	1.241	ug/l	# 36
36) 1,1-Dichloropropene	7.789	75	7575	4.112	ug/l	# 50
37) Ethyl Acetate	6.990	43	1511	1.818	ug/l	# 23
38) Carbon Tetrachloride	7.783	117	10924	4.417	ug/l	# 17
76) 1,2,3-Trichloropropane	12.477	75	39469	38.619	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	39469	87.089	ug/l	# 12

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

Quant Time: Feb 17 22:48:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 17 18:08:19 2023
Response via : Initial Calibration

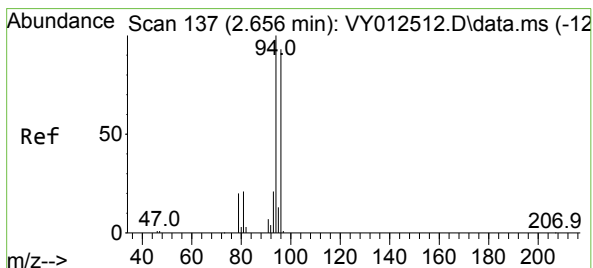
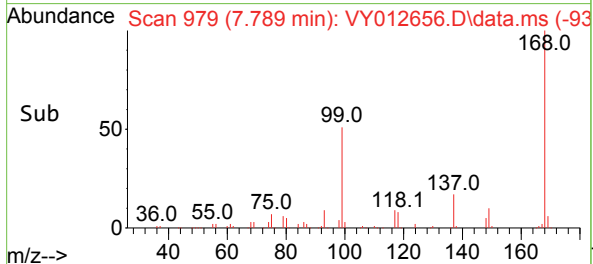
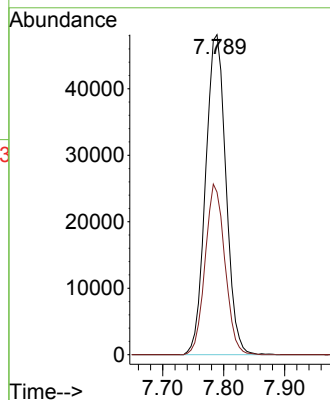
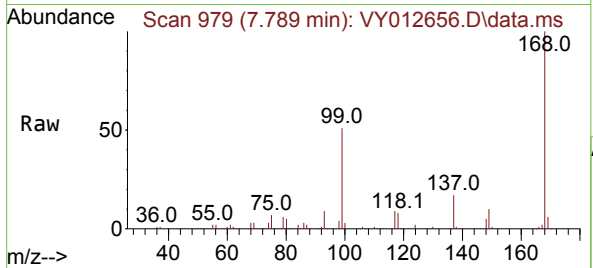




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012656.D
Acq: 17 Feb 2023 17:16

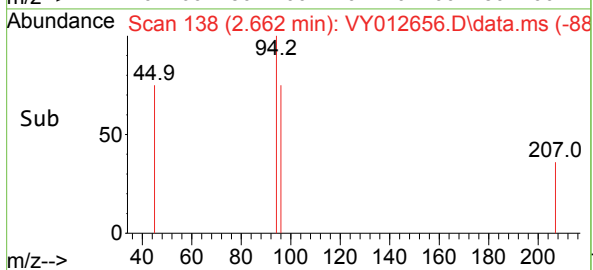
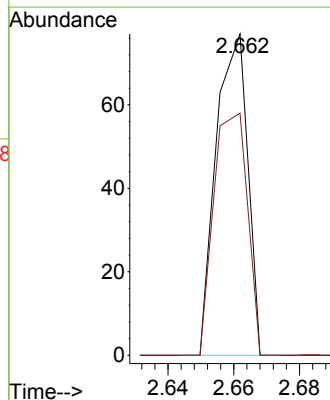
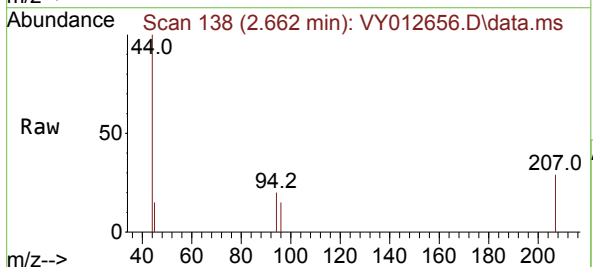
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

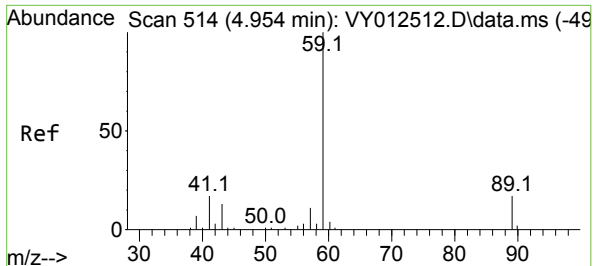
Tgt Ion:168 Resp: 111671
Ion Ratio Lower Upper
168 100
99 50.8 40.8 61.2



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY012656.D
Acq: 17 Feb 2023 17:16

Tgt Ion: 94 Resp: 51
Ion Ratio Lower Upper
94 100
96 75.3 74.7 112.1

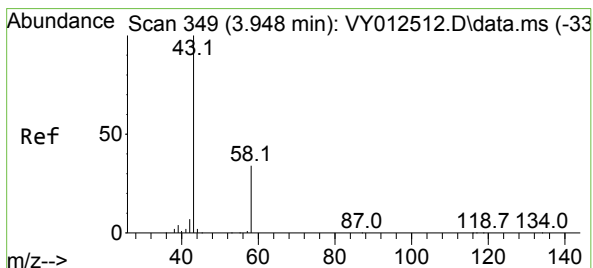
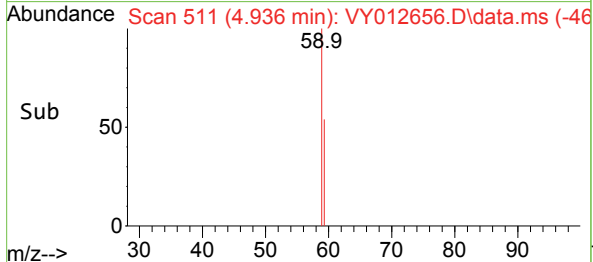
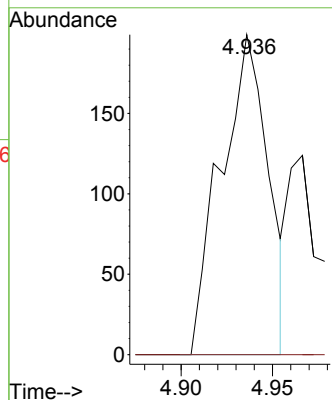
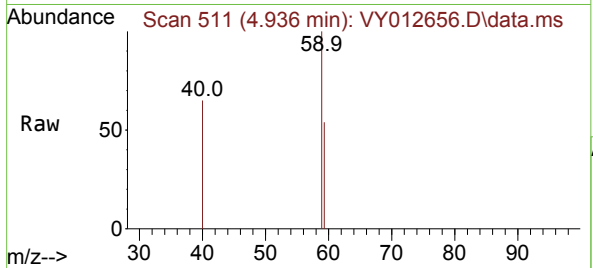




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY012656.D
Acq: 17 Feb 2023 17:16

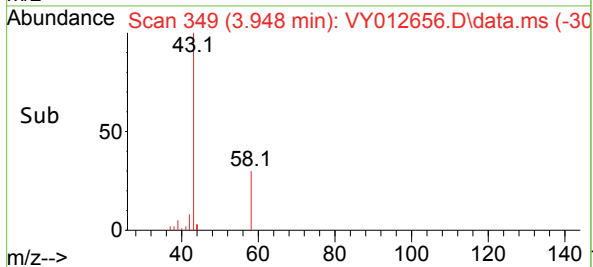
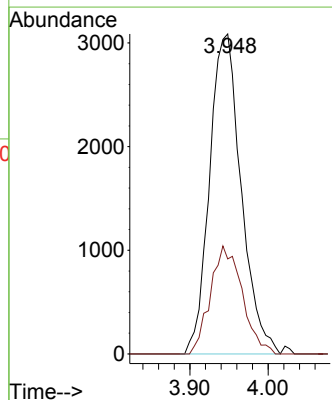
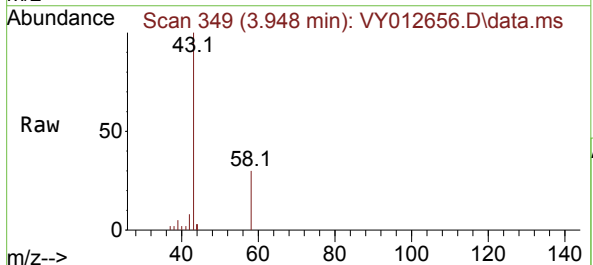
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

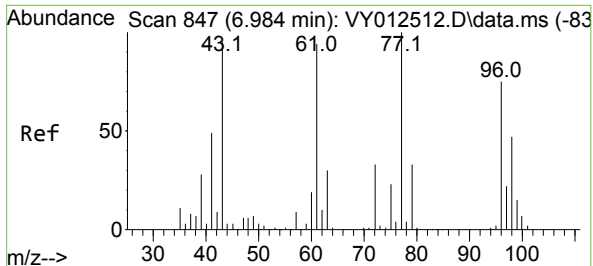
Tgt Ion: 59 Resp: 358
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#



#16
Acetone
Concen: 25.300 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY012656.D
Acq: 17 Feb 2023 17:16

Tgt Ion: 43 Resp: 8647
Ion Ratio Lower Upper
43 100
58 29.7 27.1 40.7





#25

2-Butanone

Concen: 3.985 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY012656.D

Acq: 17 Feb 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

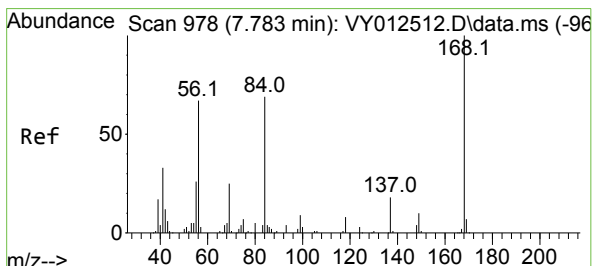
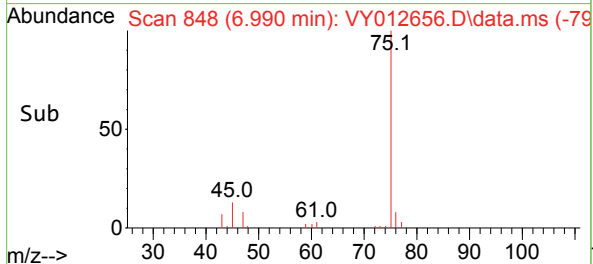
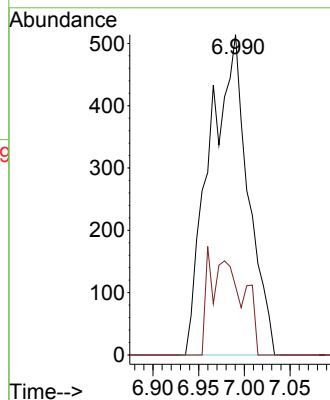
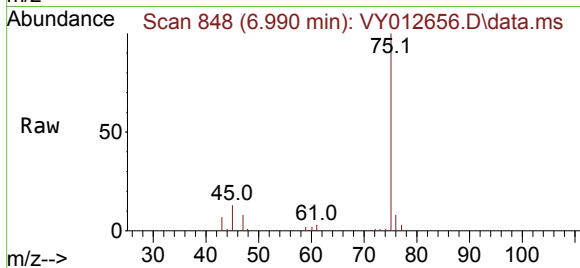
COMP-3

Tgt Ion: 43 Resp: 1511

Ion Ratio Lower Upper

43 100

72 21.4 27.4 41.2#



#31

Cyclohexane

Concen: 1.241 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.006 min

Lab File: VY012656.D

Acq: 17 Feb 2023 17:16

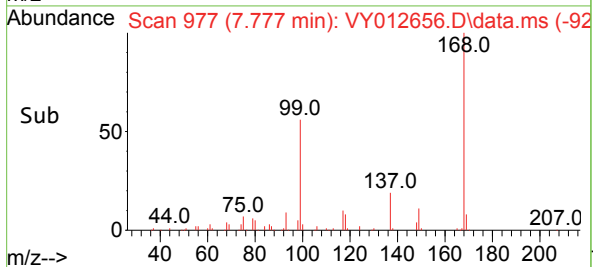
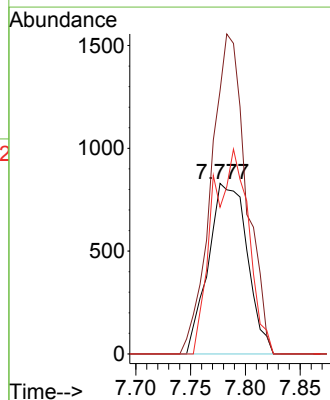
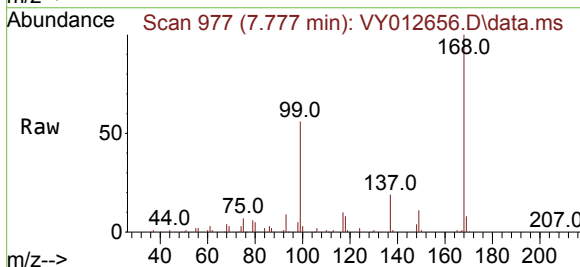
Tgt Ion: 56 Resp: 2038

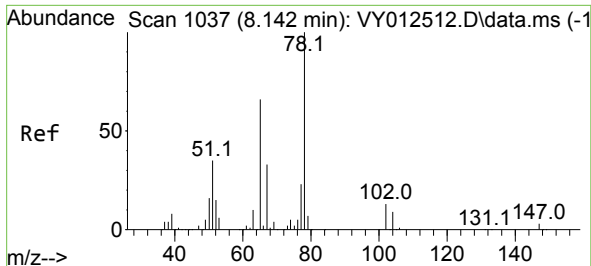
Ion Ratio Lower Upper

56 100

69 154.4 29.5 44.3#

84 86.0 81.9 122.9





#33

1,2-Dichloroethane-d4

Concen: 45.441 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY012656.D

Acq: 17 Feb 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

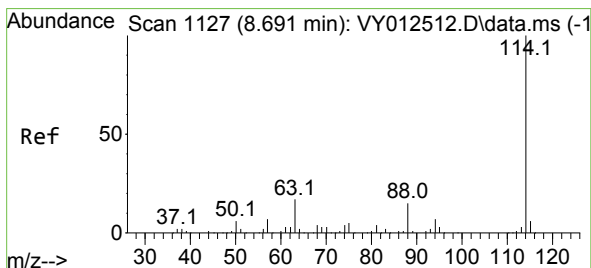
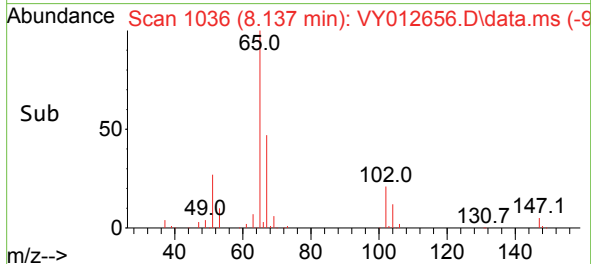
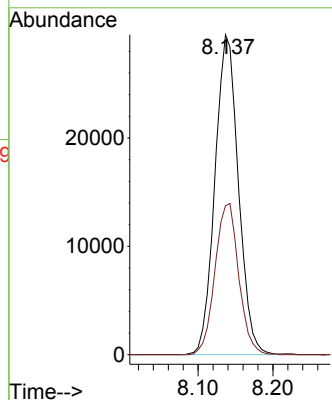
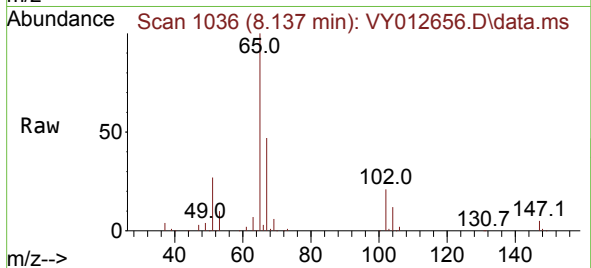
COMP-3

Tgt Ion: 65 Resp: 64528

Ion Ratio Lower Upper

65 100

67 47.8 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: VY012656.D

Acq: 17 Feb 2023 17:16

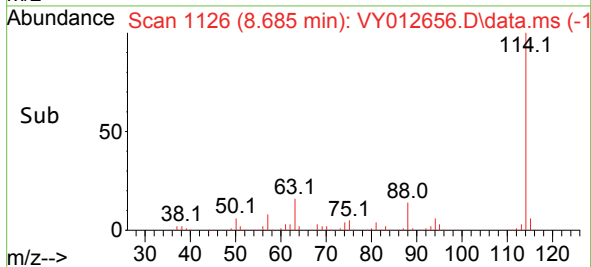
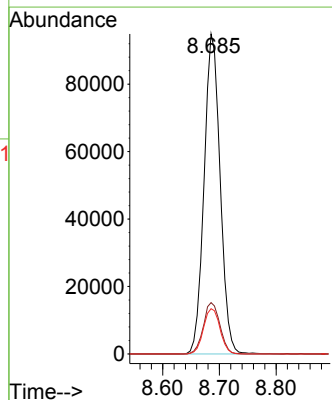
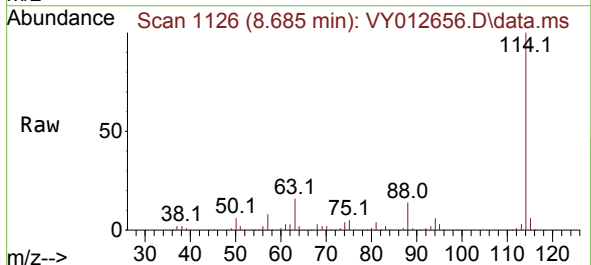
Tgt Ion: 114 Resp: 186920

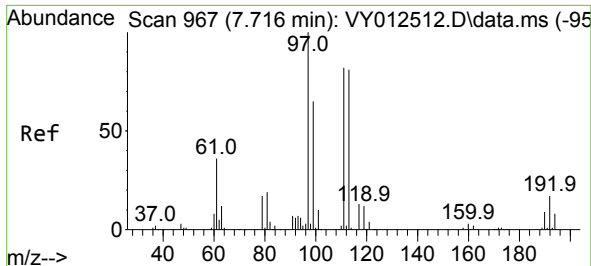
Ion Ratio Lower Upper

114 100

63 16.1 0.0 33.6

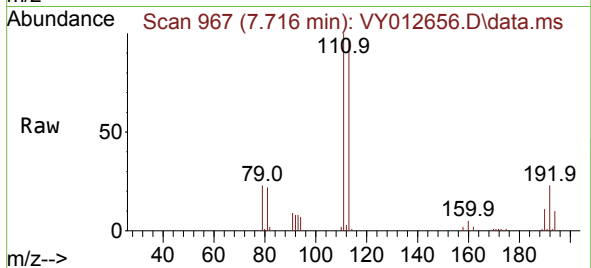
88 14.1 0.0 29.8



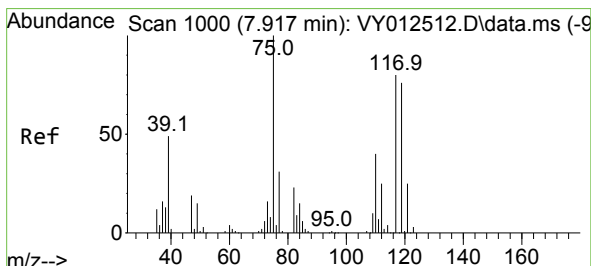
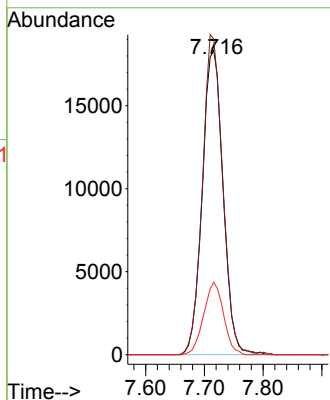
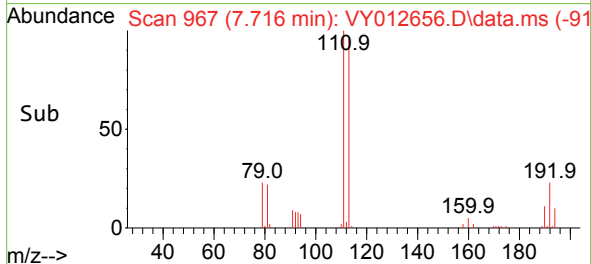


#35
Dibromofluoromethane
Concen: 33.064 ug/l
RT: 7.716 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY012656.D
Acq: 17 Feb 2023 17:16

Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

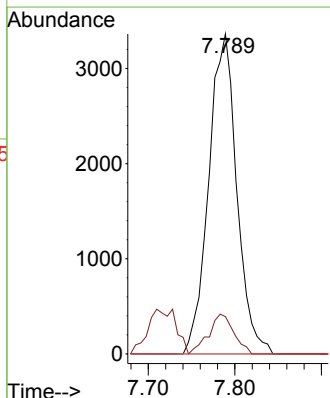
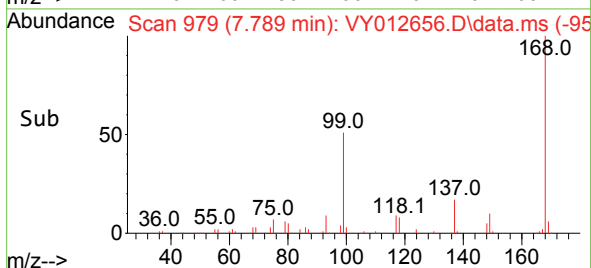
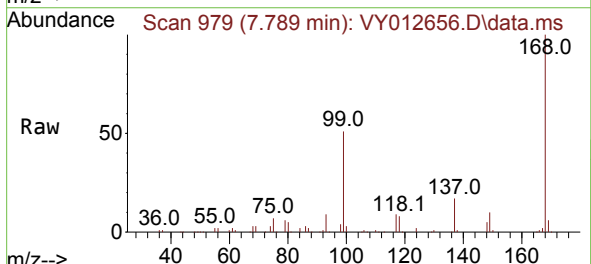


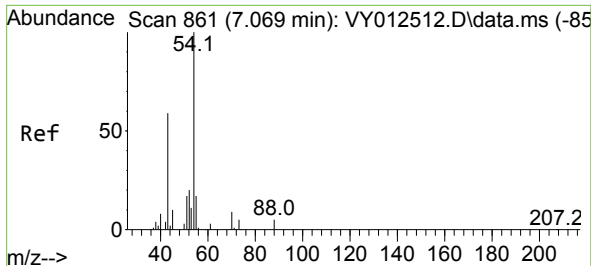
Tgt Ion:113 Resp: 45009
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 22.8 17.5 26.3



#36
1,1-Dichloropropene
Concen: 4.112 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012656.D
Acq: 17 Feb 2023 17:16

Tgt Ion: 75 Resp: 7575
Ion Ratio Lower Upper
75 100
110 11.2 19.5 58.5#
77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 1.818 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.079 min

Lab File: VY012656.D

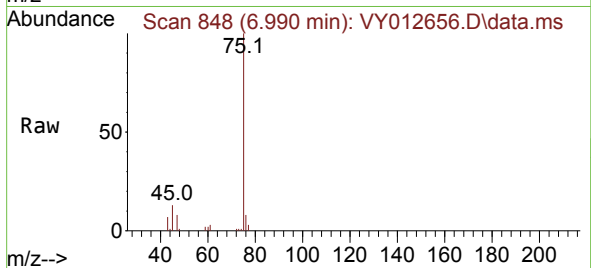
Acq: 17 Feb 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

COMP-3



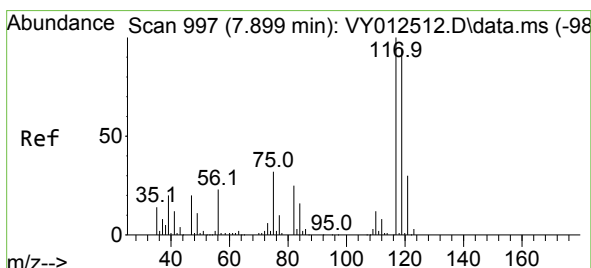
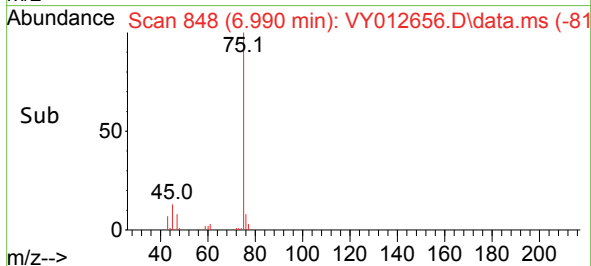
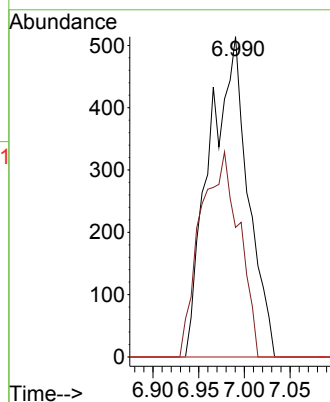
Tgt Ion: 43 Resp: 1511

Ion Ratio Lower Upper

43 100

61 64.1 12.5 18.7#

70 0.0 11.0 16.4#



#38

Carbon Tetrachloride

Concen: 4.417 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY012656.D

Acq: 17 Feb 2023 17:16

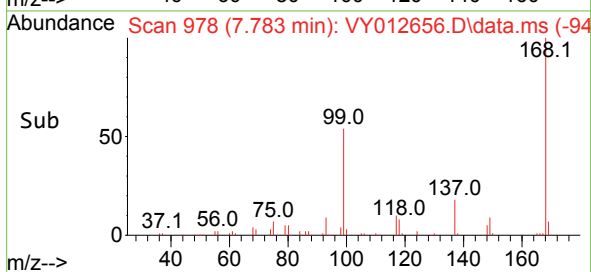
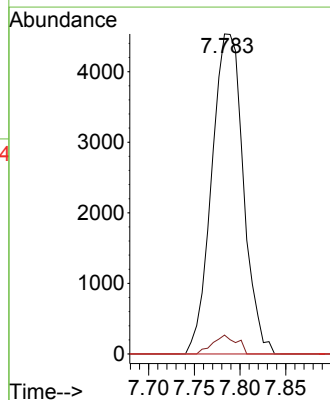
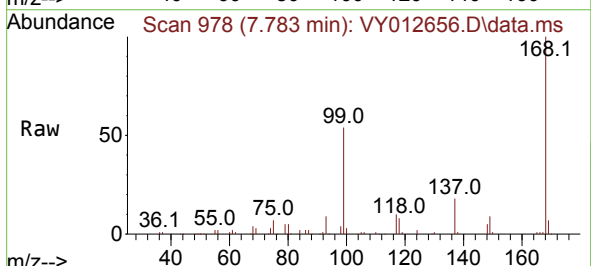
Tgt Ion: 117 Resp: 10924

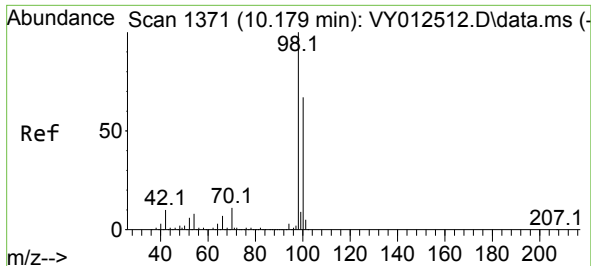
Ion Ratio Lower Upper

117 100

119 5.9 75.1 112.7#

121 0.0 24.3 36.5#

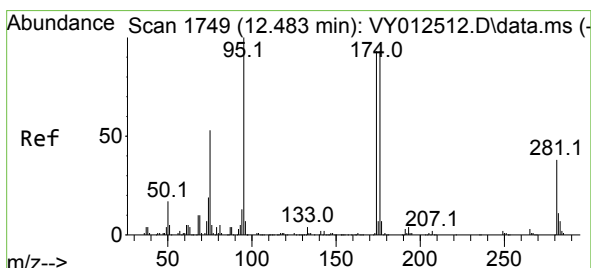
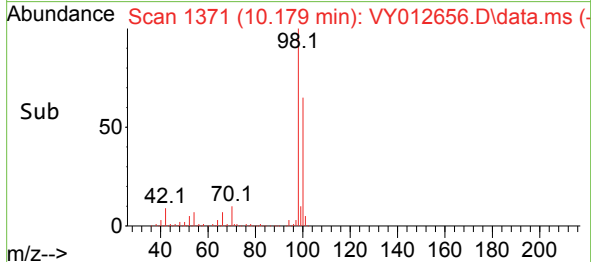
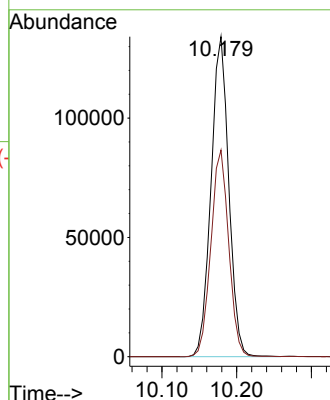
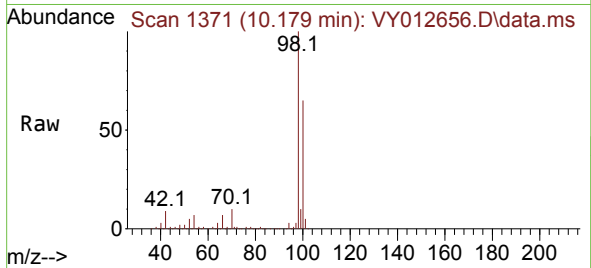




#50
Toluene-d8
Concen: 39.171 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012656.D
Acq: 17 Feb 2023 17:16

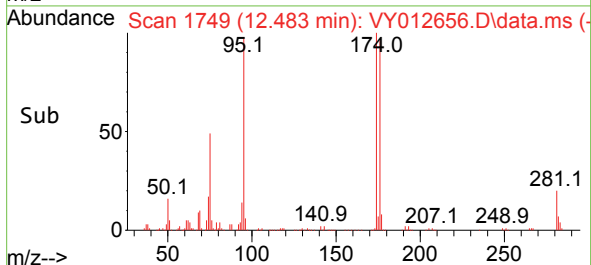
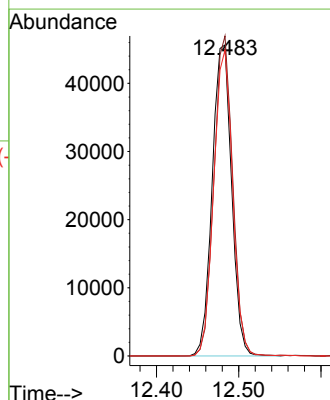
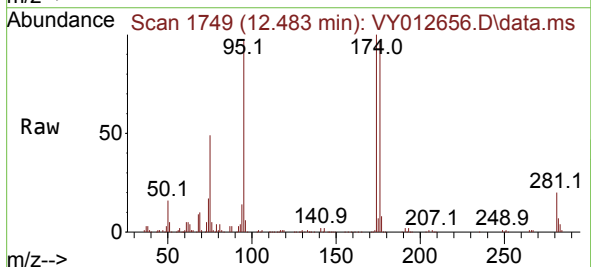
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

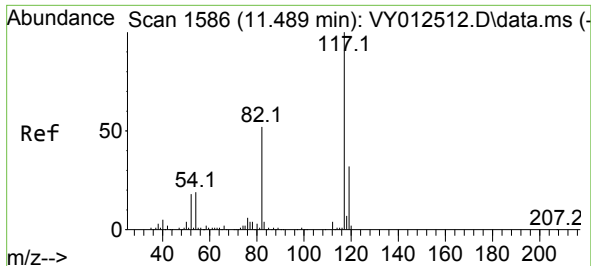
Tgt Ion: 98 Resp: 221942
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 37.779 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012656.D
Acq: 17 Feb 2023 17:16

Tgt Ion: 95 Resp: 74663
Ion Ratio Lower Upper
95 100
174 99.5 0.0 188.0
176 96.1 0.0 183.6

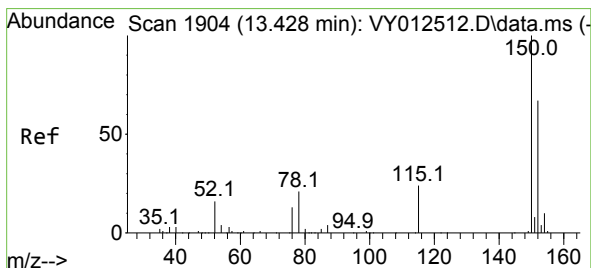
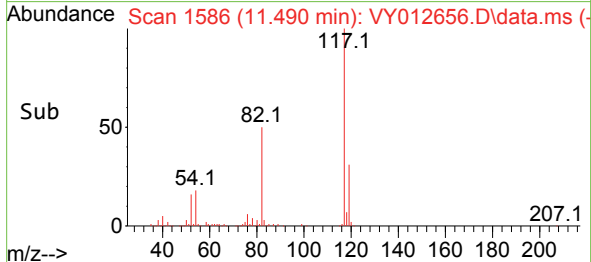
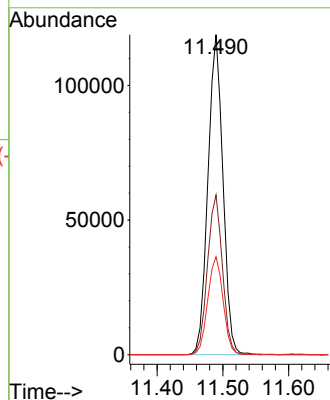
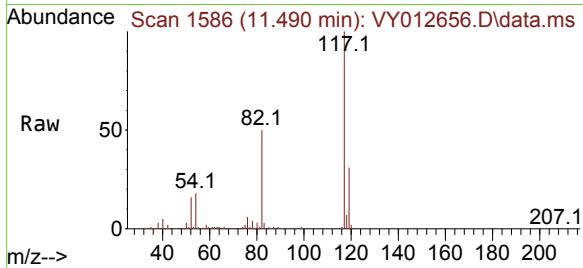




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012656.D
Acq: 17 Feb 2023 17:16

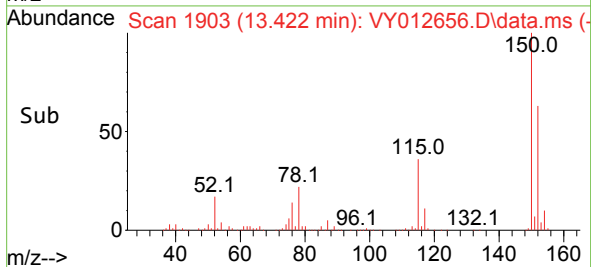
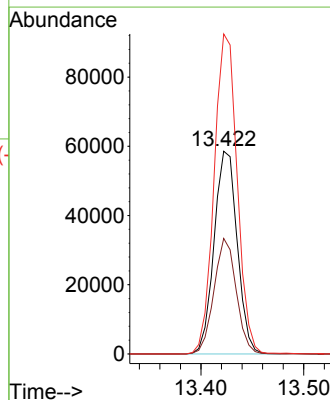
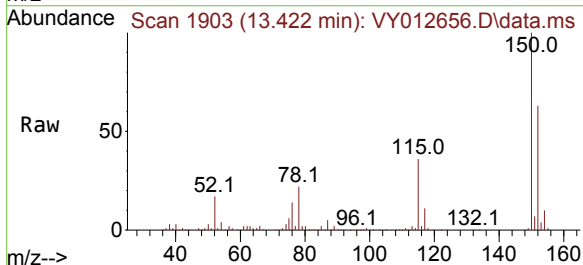
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

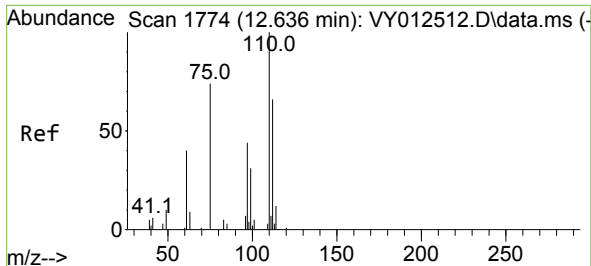
Tgt Ion:117 Resp: 188570
Ion Ratio Lower Upper
117 100
82 49.9 41.7 62.5
119 30.6 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY012656.D
Acq: 17 Feb 2023 17:16

Tgt Ion:152 Resp: 91476
Ion Ratio Lower Upper
152 100
115 54.9 28.1 84.3
150 157.4 0.0 351.0

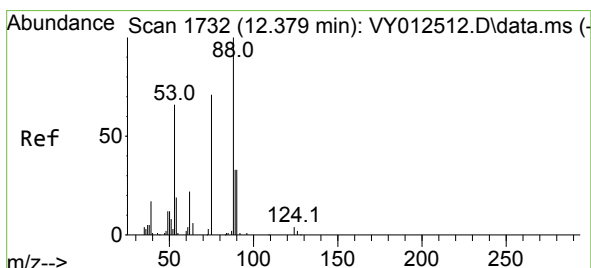
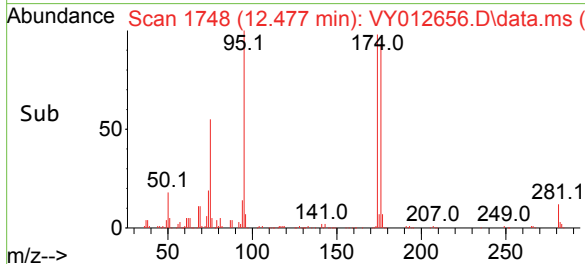
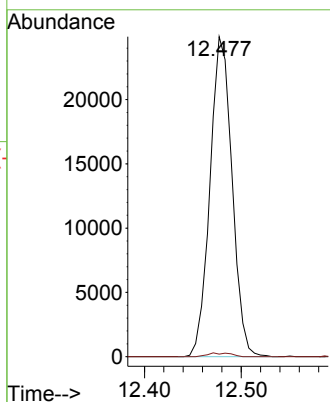
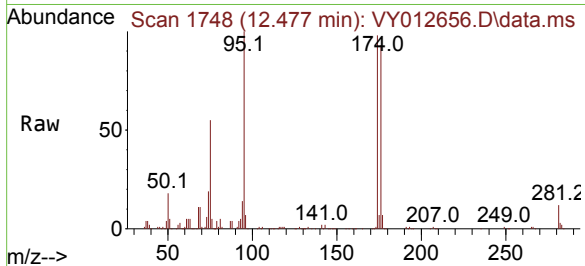




#76
1,2,3-Trichloropropane
Concen: 38.619 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY012656.D
Acq: 17 Feb 2023 17:16

Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

Tgt Ion: 75 Resp: 39469
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.089 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY012656.D
Acq: 17 Feb 2023 17:16

Tgt Ion: 75 Resp: 39469
Ion Ratio Lower Upper
75 100
53 0.0 73.1 109.7#
89 0.0 39.9 59.9#

