

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
 Data File : VY014725.D
 Acq On : 20 Jul 2023 16:51
 Operator : SY/MD
 Sample : 03674-02
 Misc : 5.44g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WO-8

Quant Time: Jul 21 01:33:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

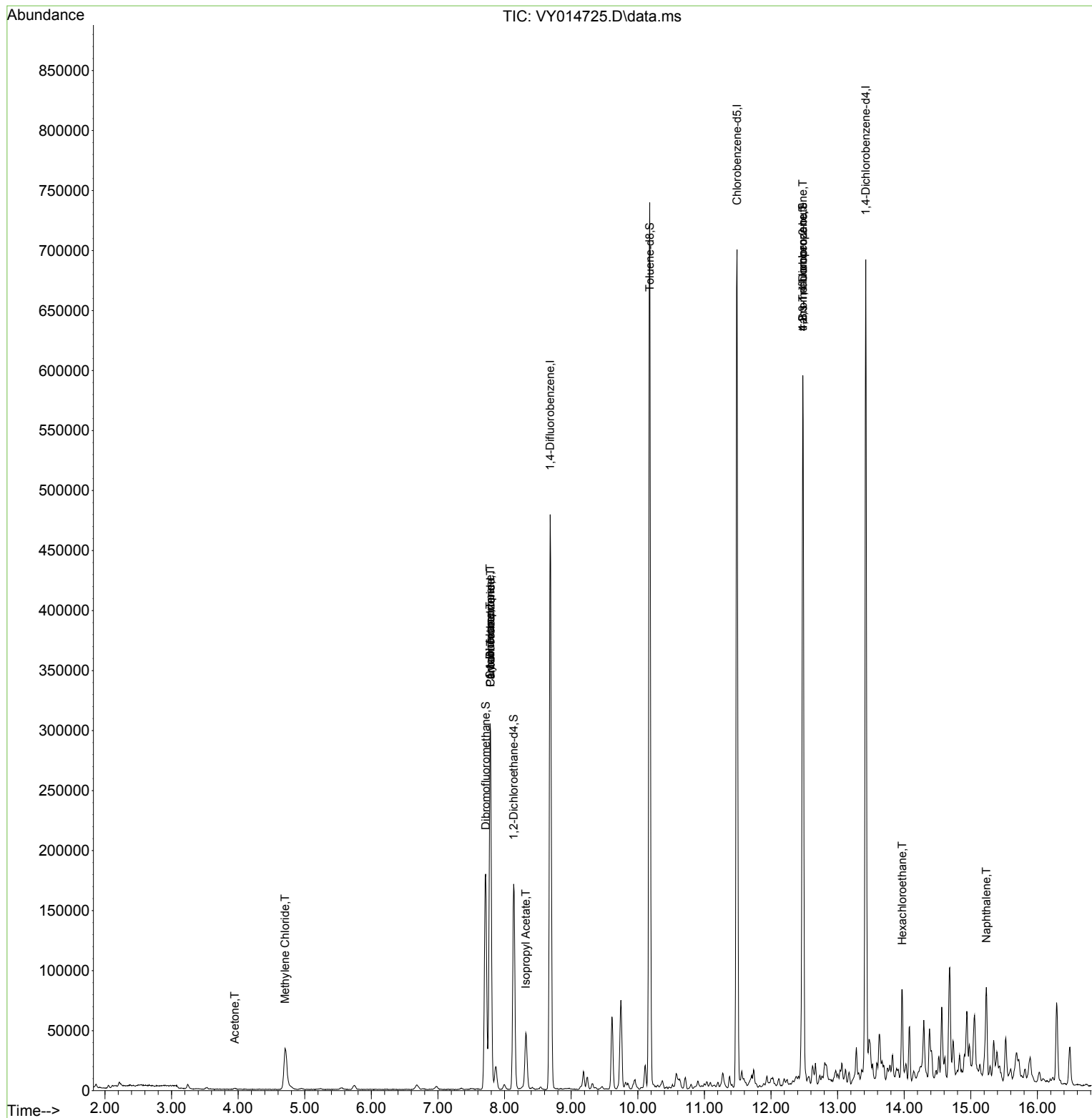
Internal Standards						
1) Pentafluorobenzene	7.789	168	238700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	404768	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	378098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	173236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	138404	50.882	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.760%	
35) Dibromofluoromethane	7.716	113	128801	49.988	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.980%	
50) Toluene-d8	10.179	98	479864	50.514	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.020%	
62) 4-Bromofluorobenzene	12.477	95	178485	49.001	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.000%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	1208	Below Cal	#	90
16) Acetone	3.948	43	1968	2.283	ug/l #	84
20) Methylene Chloride	4.704	84	26232	5.620	ug/l	87
31) Cyclohexane	7.783	56	5497	1.217	ug/l #	6
36) 1,1-Dichloropropene	7.783	75	17939	4.655	ug/l #	51
38) Carbon Tetrachloride	7.789	117	23953	5.881	ug/l #	16
43) Isopropyl Acetate	8.319	43	10098	1.998	ug/l #	55
76) 1,2,3-Trichloropropane	12.477	75	93469	42.720	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	93469	82.714	ug/l #	11
90) Hexachloroethane	13.971	117	2733	1.106	ug/l #	8
95) Naphthalene	15.233	128	54961	6.731	ug/l	98

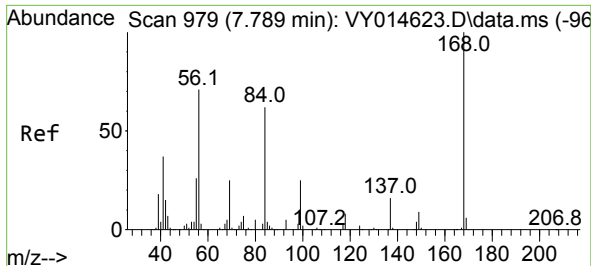
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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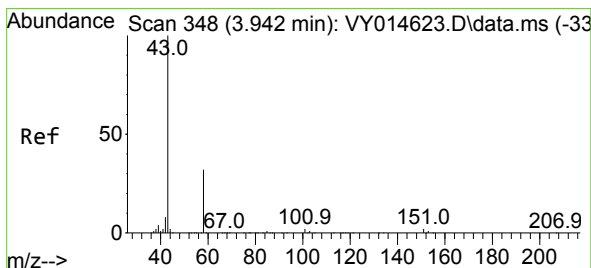
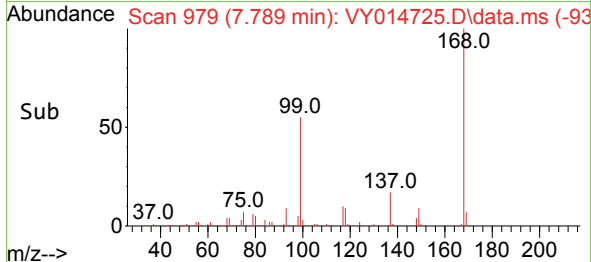
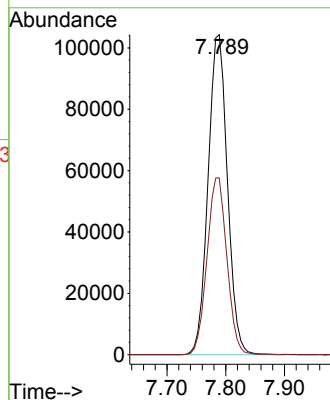
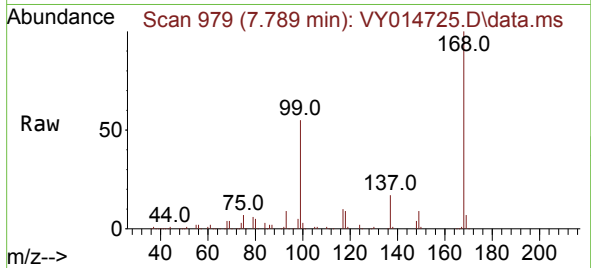




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014725.D
Acq: 20 Jul 2023 16:51

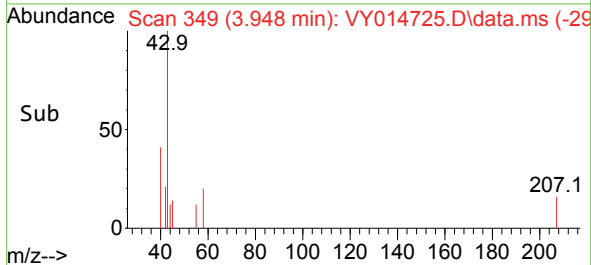
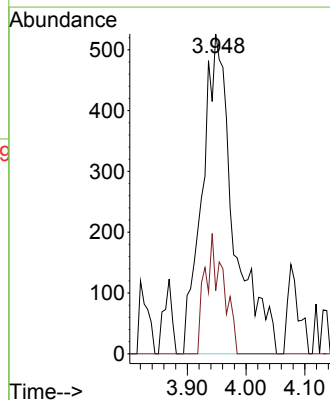
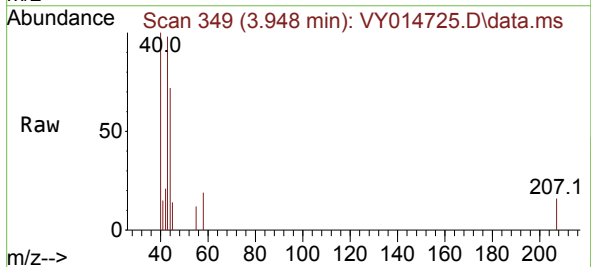
Instrument :
MSVOA_Y
ClientSampleId :
WO-8

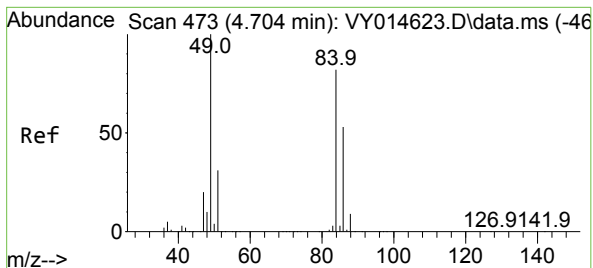
Tgt Ion:168 Resp: 238700
Ion Ratio Lower Upper
168 100
99 55.2 43.4 65.0



#16
Acetone
Concen: 2.283 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014725.D
Acq: 20 Jul 2023 16:51

Tgt Ion: 43 Resp: 1968
Ion Ratio Lower Upper
43 100
58 19.8 22.7 34.1#





#20

Methylene Chloride

Concen: 5.620 ug/l

RT: 4.704 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY014725.D

Acq: 20 Jul 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

WO-8

Tgt Ion: 84 Resp: 26232

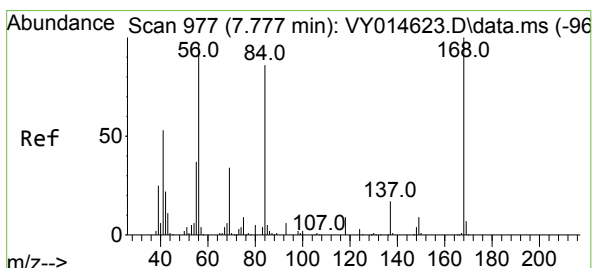
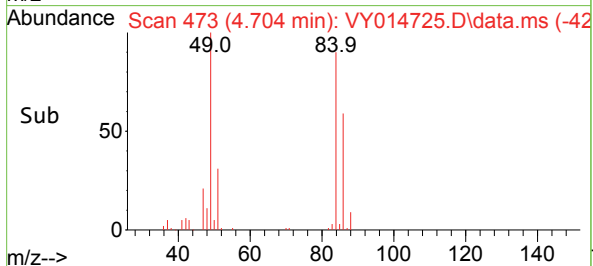
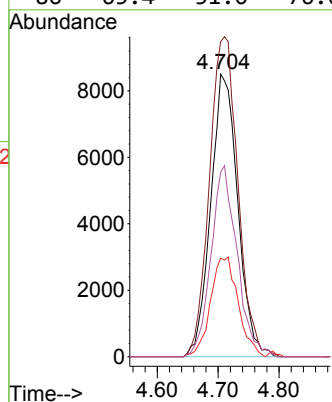
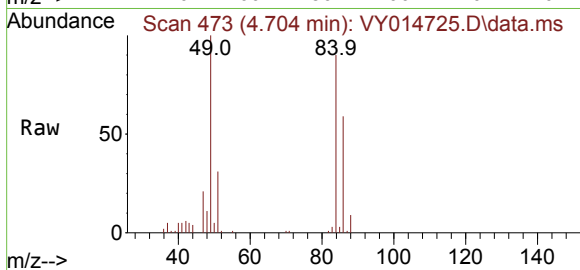
Ion Ratio Lower Upper

84 100

49 111.6 106.9 160.3

51 34.9 33.2 49.8

86 65.4 51.0 76.6



#31

Cyclohexane

Concen: 1.217 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.006 min

Lab File: VY014725.D

Acq: 20 Jul 2023 16:51

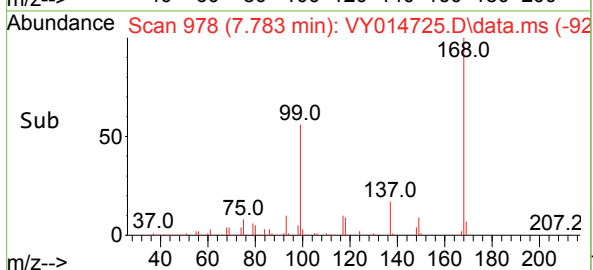
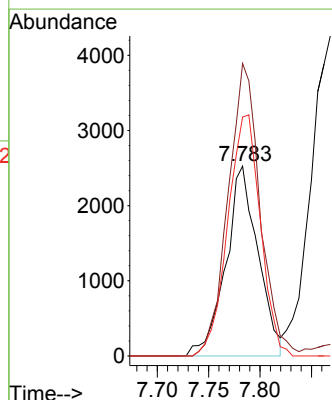
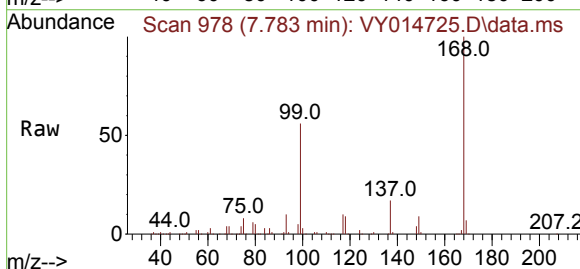
Tgt Ion: 56 Resp: 5497

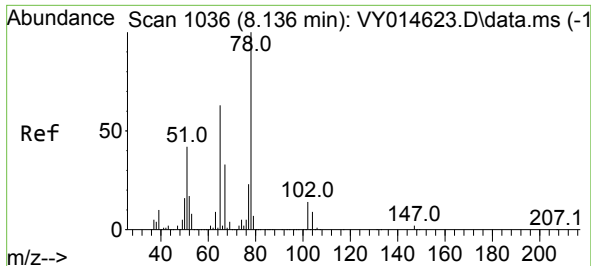
Ion Ratio Lower Upper

56 100

69 154.1 27.8 41.6#

84 125.9 66.4 99.6#

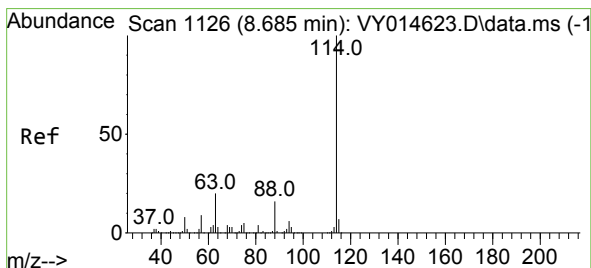
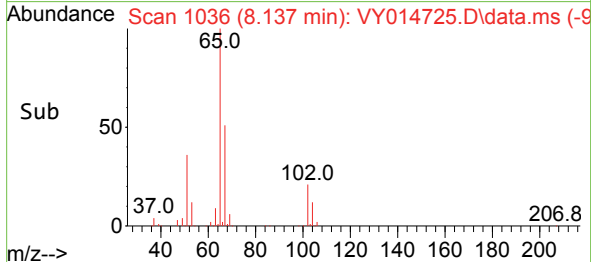
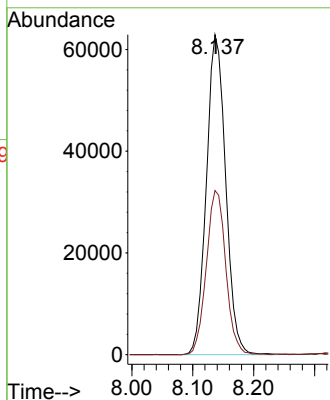
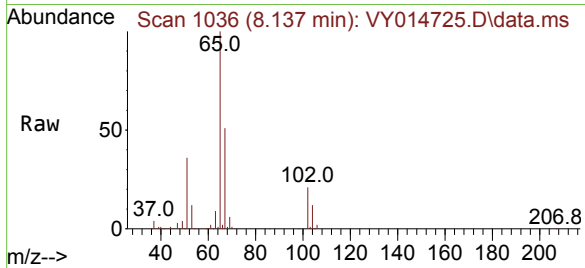




#33
 1,2-Dichloroethane-d4
 Concen: 50.882 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.001 min
 Lab File: VY014725.D
 Acq: 20 Jul 2023 16:51

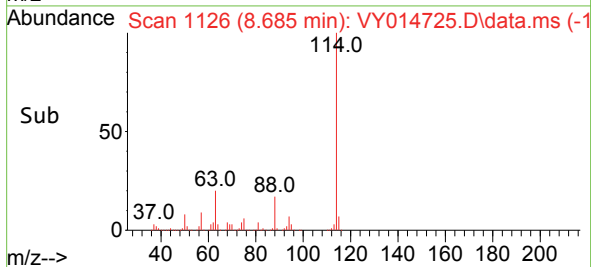
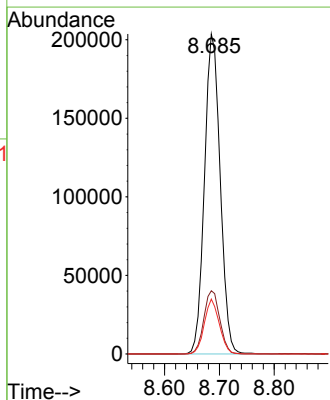
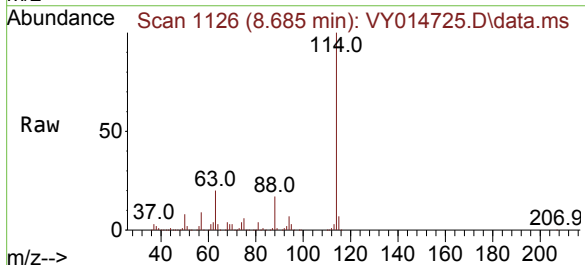
Instrument :
 MSVOA_Y
 ClientSampleId :
 WO-8

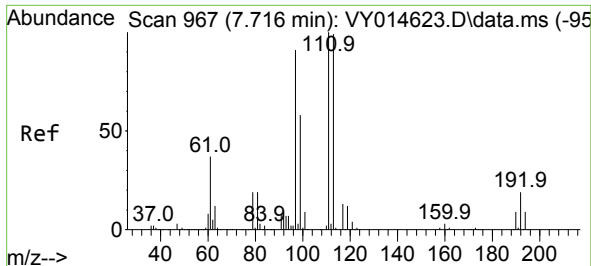
Tgt Ion: 65 Resp: 138404
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY014725.D
 Acq: 20 Jul 2023 16:51

Tgt Ion:114 Resp: 404768
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 42.4
 88 17.1 0.0 30.6

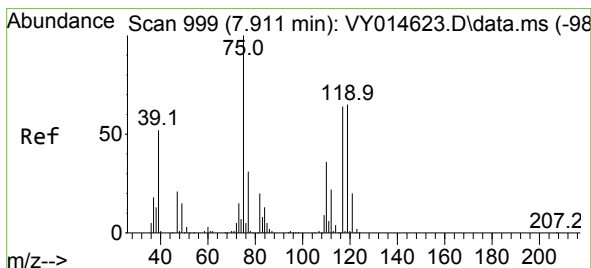
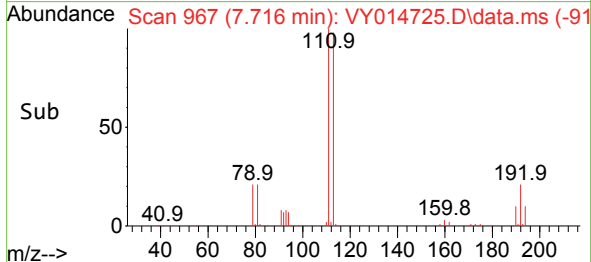
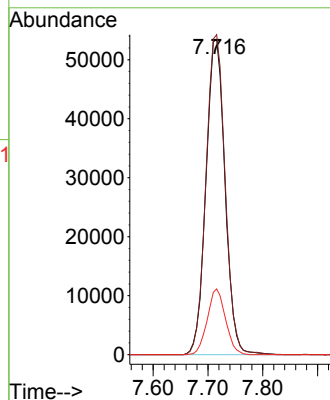
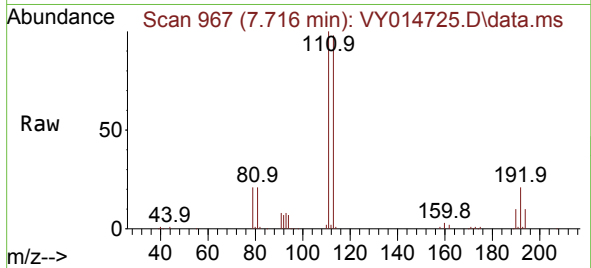




#35
Dibromofluoromethane
Concen: 49.988 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014725.D
Acq: 20 Jul 2023 16:51

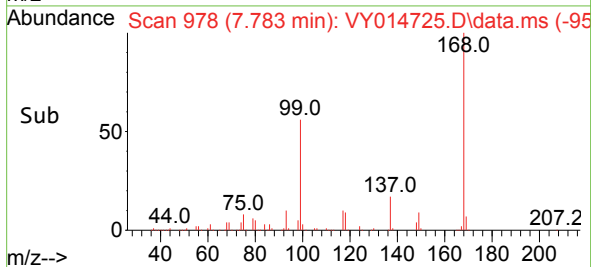
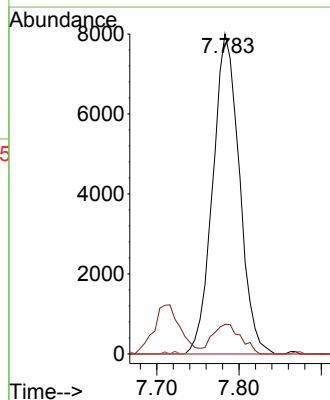
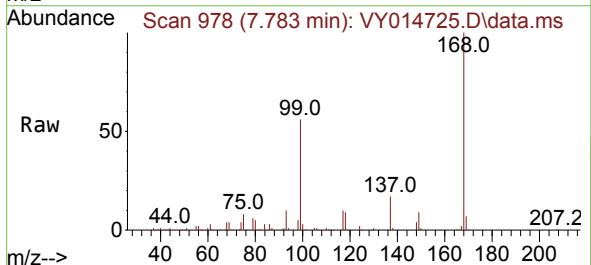
Instrument :
MSVOA_Y
ClientSampleId :
WO-8

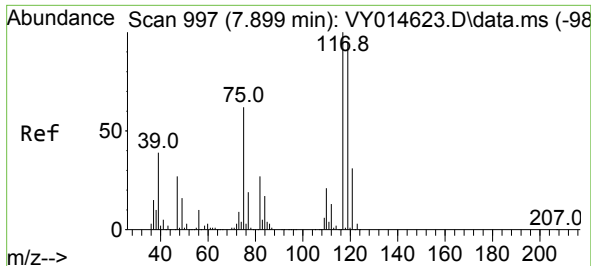
Tgt Ion:113 Resp: 128801
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 19.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.655 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY014725.D
Acq: 20 Jul 2023 16:51

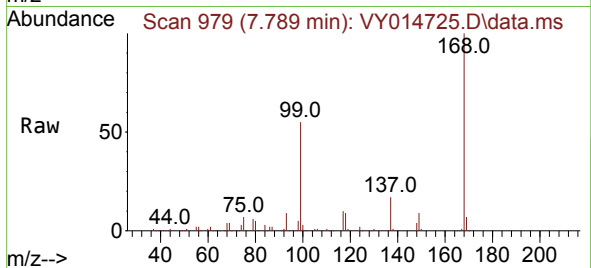
Tgt Ion: 75 Resp: 17939
Ion Ratio Lower Upper
75 100
110 9.9 17.8 53.5#
77 0.0 24.4 36.6#



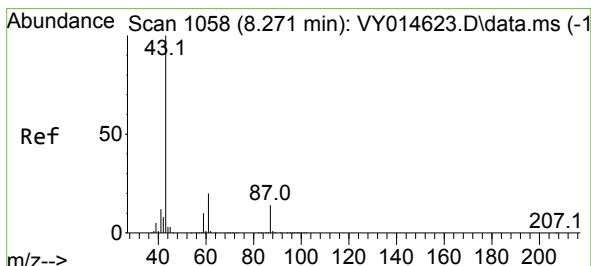
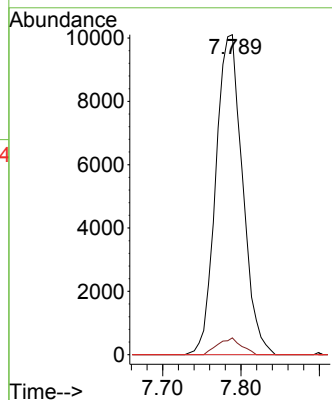
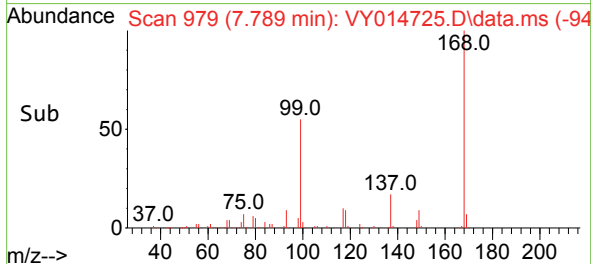


#38
Carbon Tetrachloride
Concen: 5.881 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY014725.D
Acq: 20 Jul 2023 16:51

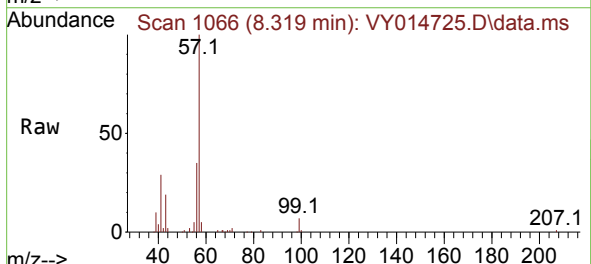
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MSVOA_Y
ClientSampleId :
WO-8



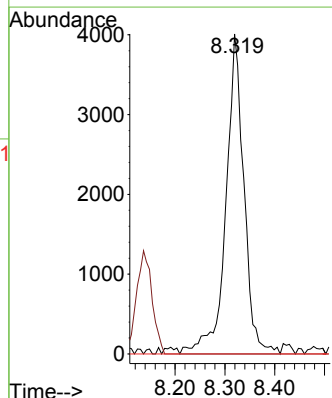
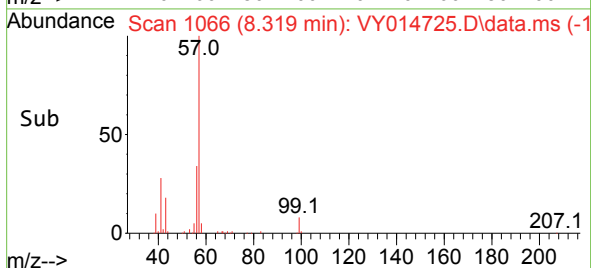
Tgt Ion: 117 Resp: 23953
Ion Ratio Lower Upper
117 100
119 5.2 76.4 114.6#
121 0.0 25.8 38.6#

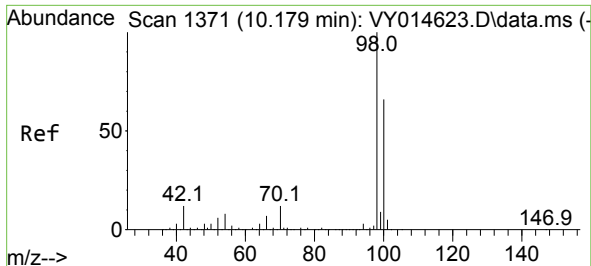


#43
Isopropyl Acetate
Concen: 1.998 ug/l
RT: 8.319 min Scan# 1066
Delta R.T. 0.048 min
Lab File: VY014725.D
Acq: 20 Jul 2023 16:51



Tgt Ion: 43 Resp: 10098
Ion Ratio Lower Upper
43 100
61 0.0 21.1 31.7#
87 0.0 9.8 14.8#

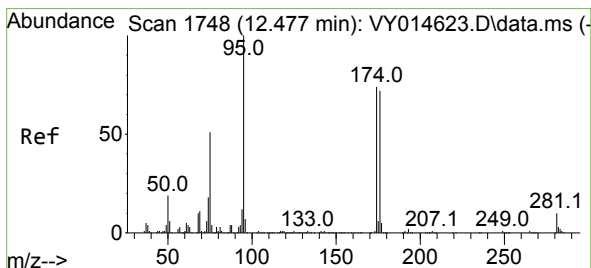
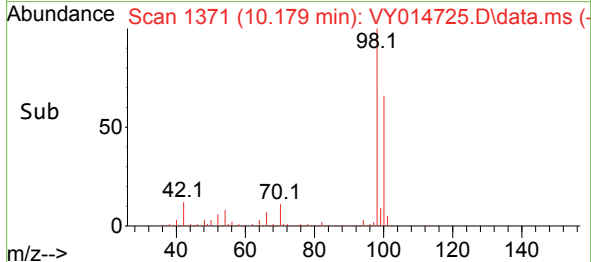
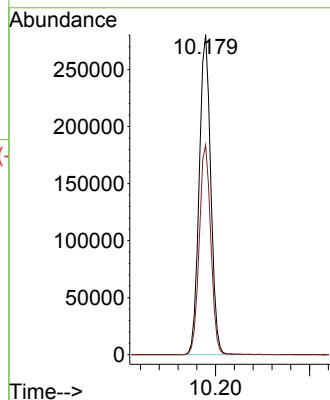
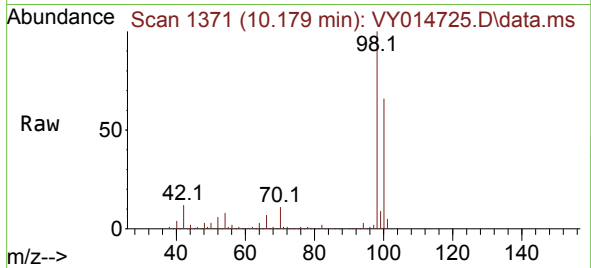




#50
Toluene-d8
Concen: 50.514 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014725.D
Acq: 20 Jul 2023 16:51

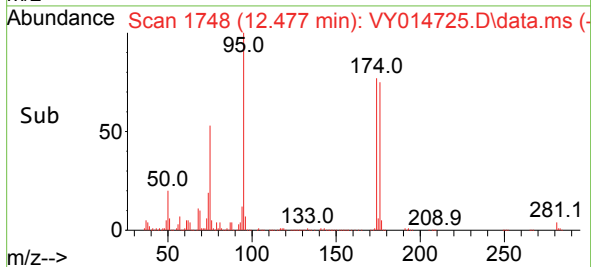
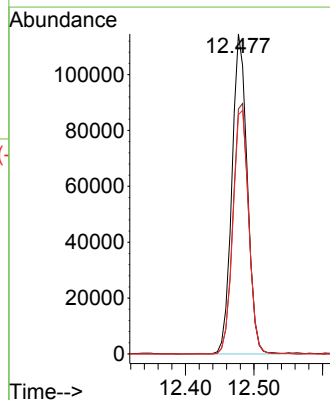
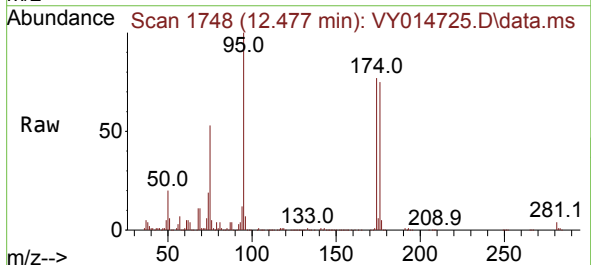
Instrument :
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WO-8

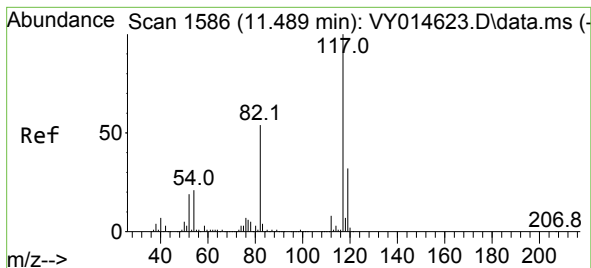
Tgt Ion: 98 Resp: 479864
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.001 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014725.D
Acq: 20 Jul 2023 16:51

Tgt Ion: 95 Resp: 178485
Ion Ratio Lower Upper
95 100
174 79.9 0.0 178.2
176 78.3 0.0 173.8

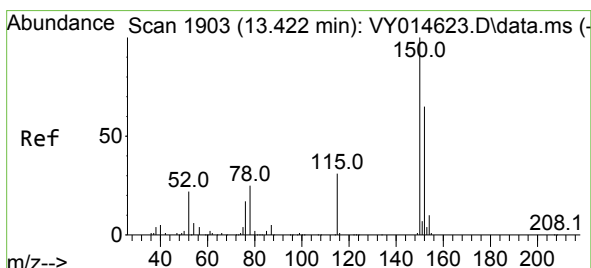
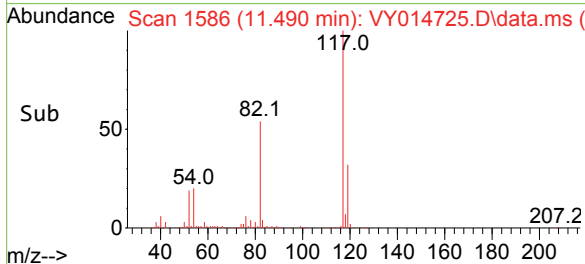
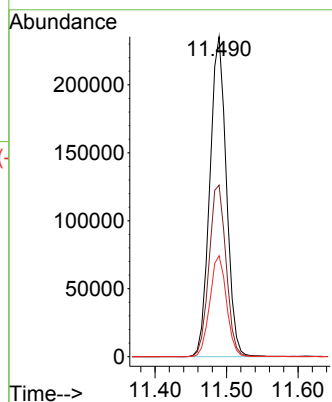
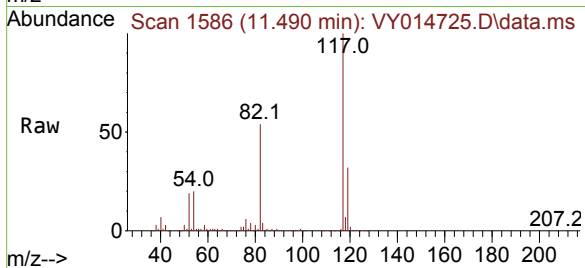




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014725.D
Acq: 20 Jul 2023 16:51

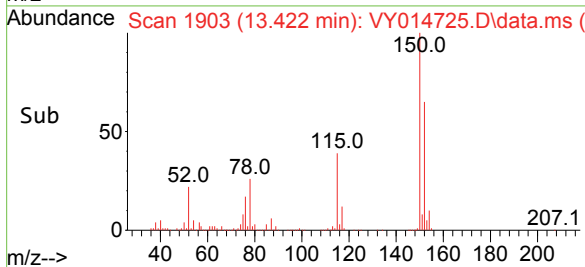
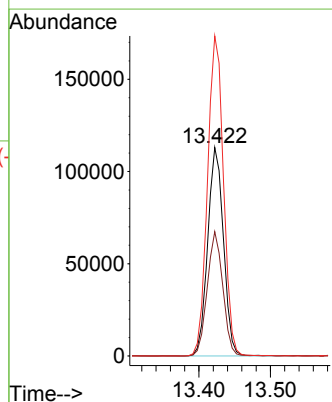
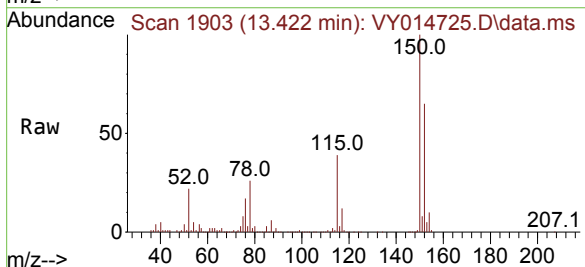
Instrument :
MSVOA_Y
ClientSampleId :
WO-8

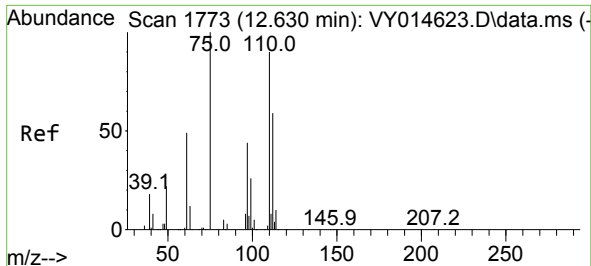
Tgt Ion:117 Resp: 378098
Ion Ratio Lower Upper
117 100
82 53.6 43.4 65.0
119 31.6 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014725.D
Acq: 20 Jul 2023 16:51

Tgt Ion:152 Resp: 173236
Ion Ratio Lower Upper
152 100
115 58.8 28.8 86.5
150 155.5 0.0 348.8

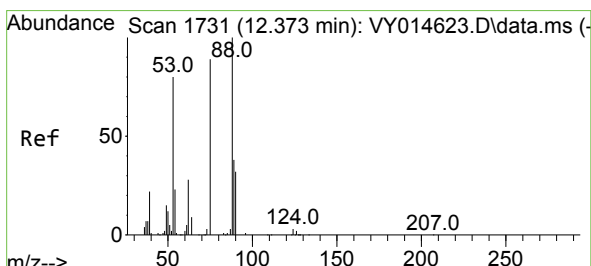
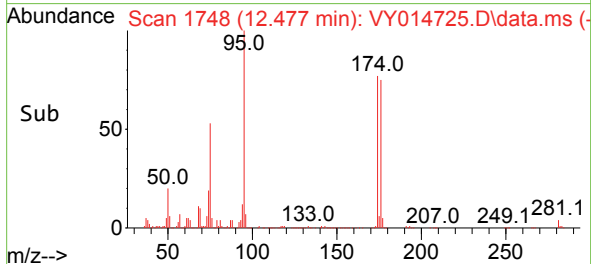
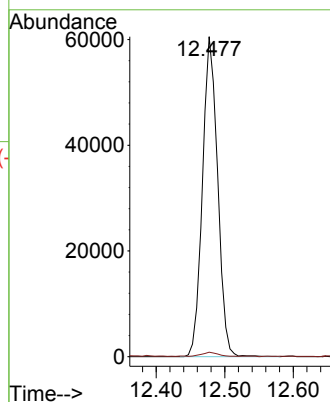
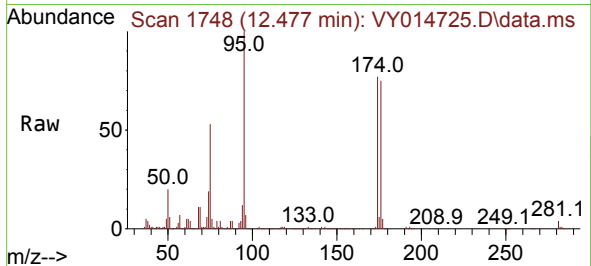




#76
1,2,3-Trichloropropane
Concen: 42.720 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY014725.D
Acq: 20 Jul 2023 16:51

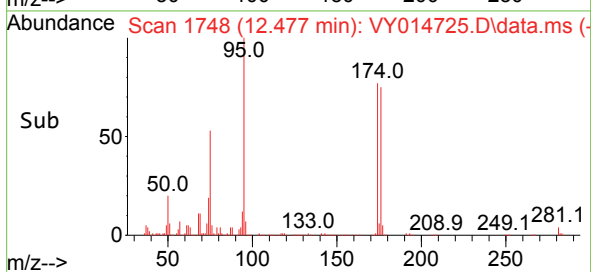
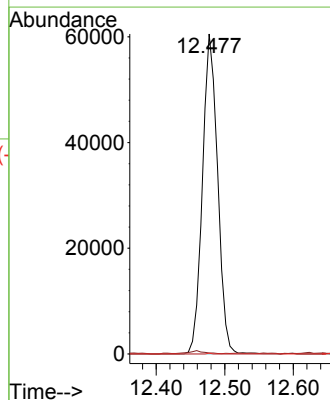
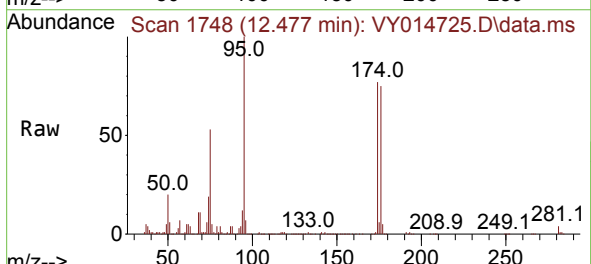
Instrument :
MSVOA_Y
ClientSampleId :
WO-8

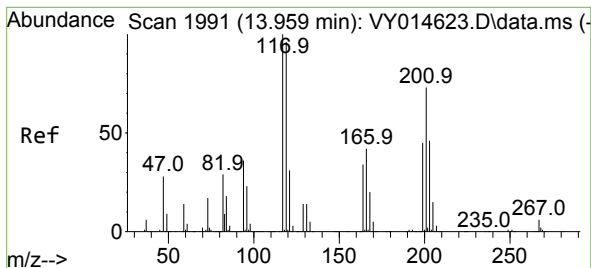
Tgt Ion: 75 Resp: 93469
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.714 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY014725.D
Acq: 20 Jul 2023 16:51

Tgt Ion: 75 Resp: 93469
Ion Ratio Lower Upper
75 100
53 0.8 77.8 116.8#
89 0.1 37.4 56.0#

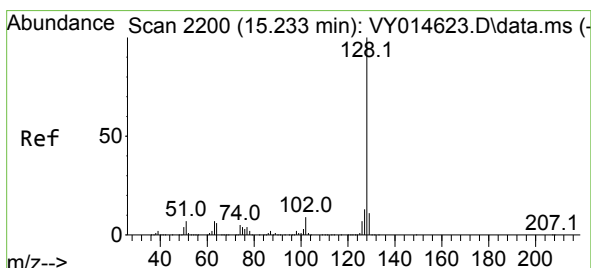
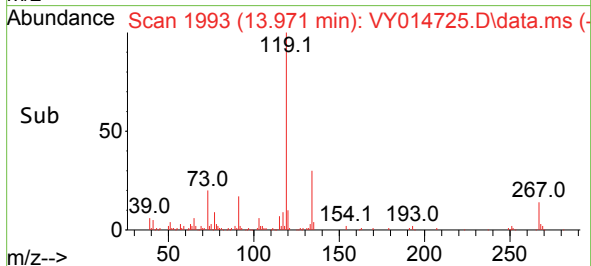
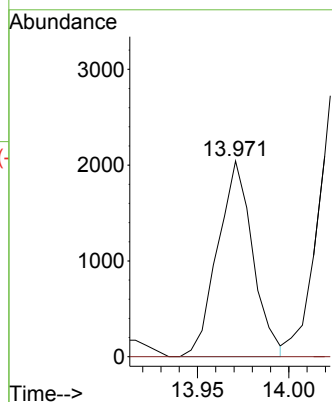
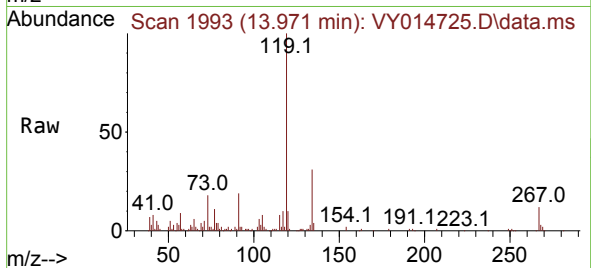




#90
Hexachloroethane
Concen: 1.106 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.012 min
Lab File: VY014725.D
Acq: 20 Jul 2023 16:51

Instrument :
MSVOA_Y
ClientSampleId :
WO-8

Tgt Ion:117 Resp: 2733
Ion Ratio Lower Upper
117 100
201 0.0 41.6 124.8#



#95
Naphthalene
Concen: 6.731 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY014725.D
Acq: 20 Jul 2023 16:51

Tgt Ion:128 Resp: 54961
Ion Ratio Lower Upper
128 100
127 14.8 10.8 16.2
129 10.8 8.6 13.0

