

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060723\
 Data File : VY014069.D
 Acq On : 07 Jun 2023 18:49
 Operator : KP/MD
 Sample : 03044-08RE
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-0-2.0RE

Quant Time: Jun 08 02:34:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

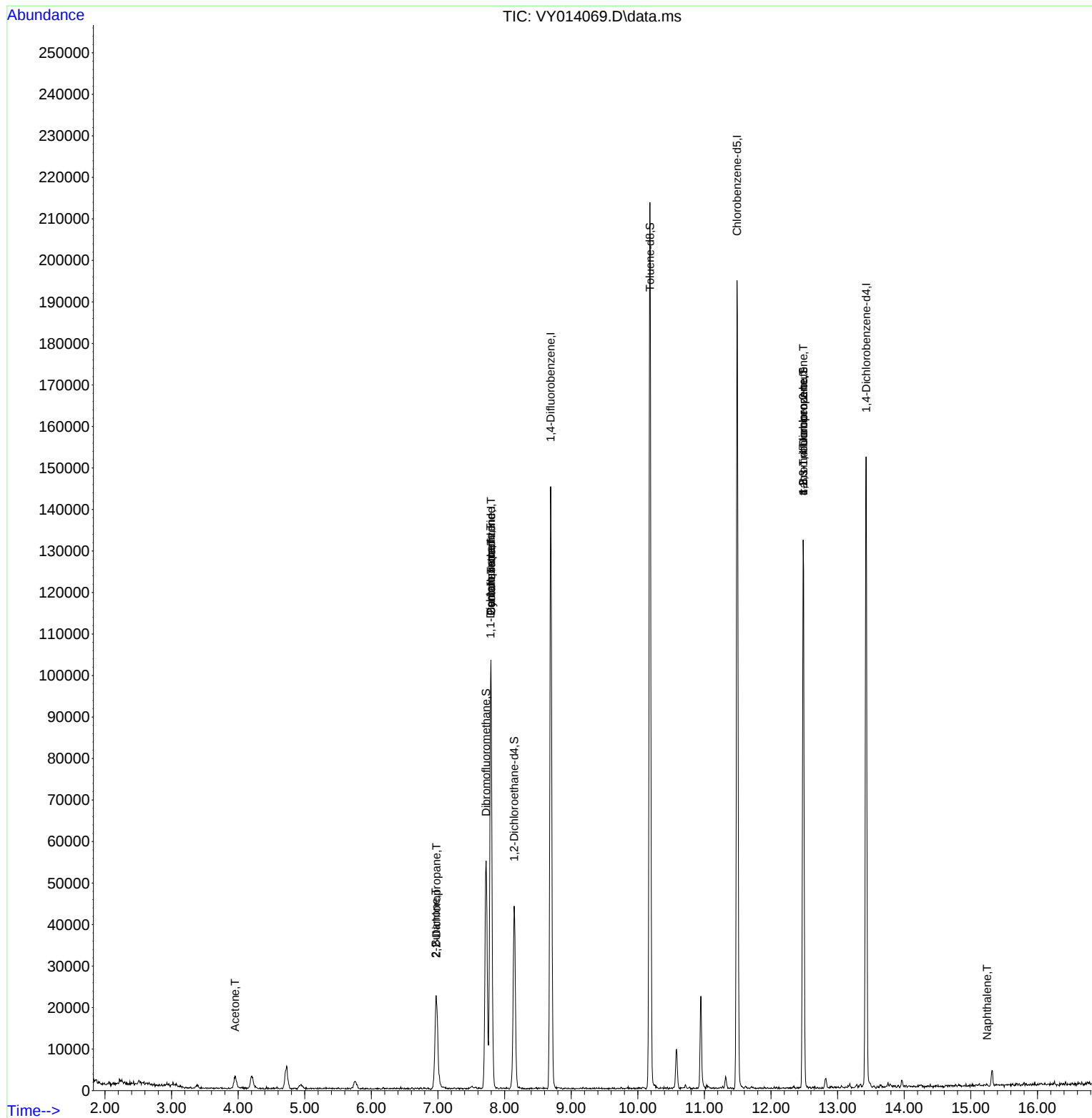
Internal Standards						
1) Pentafluorobenzene	7.795	168	79246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	120290	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	105145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	41091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	36192	34.500	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	69.000%
35) Dibromofluoromethane	7.722	113	37906	49.586	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.180%
50) Toluene-d8	10.185	98	144296	49.485	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.960%
62) 4-Bromofluorobenzene	12.483	95	36805	37.023	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.040%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	5757	16.040	ug/l	90
20) Methylene Chloride	4.729	84	3493	Below Cal	#	87
25) 2-Butanone	6.966	43	604	1.351	ug/l #	49
26) 2,2-Dichloropropane	6.978	77	1762	1.214	ug/l #	54
31) Cyclohexane	7.795	56	1850	1.465	ug/l #	45
36) 1,1-Dichloropropene	7.789	75	6133	5.631	ug/l #	48
38) Carbon Tetrachloride	7.795	117	7477	6.127	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	19796	35.800	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	19796	75.950	ug/l #	10
95) Naphthalene	15.245	128	65	3.912	ug/l #	69

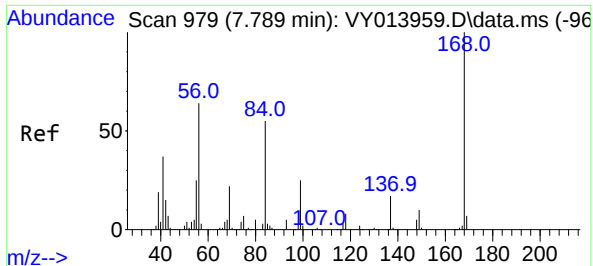
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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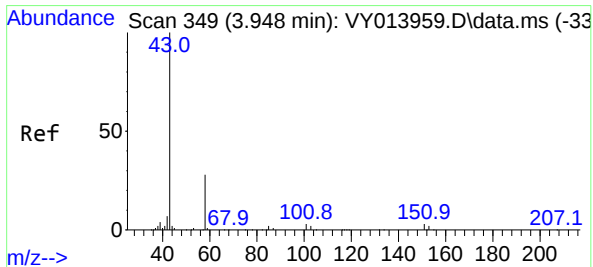
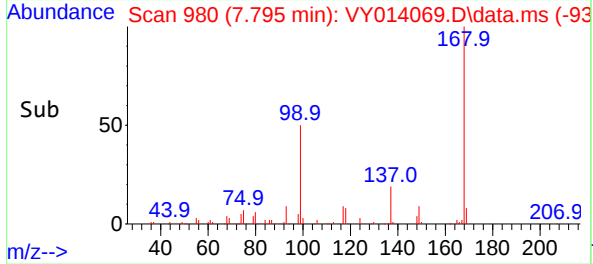
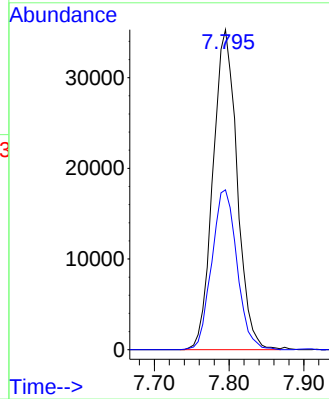
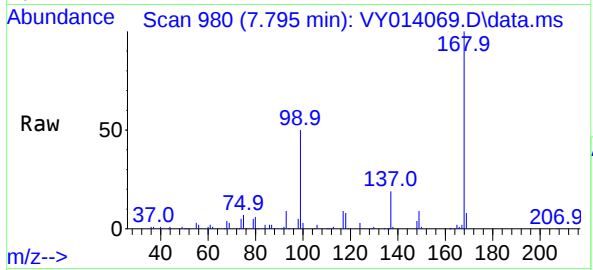




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014069.D
Acq: 07 Jun 2023 18:49

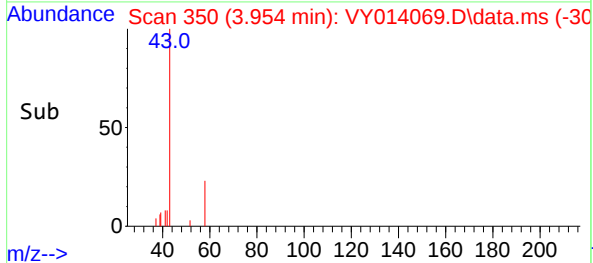
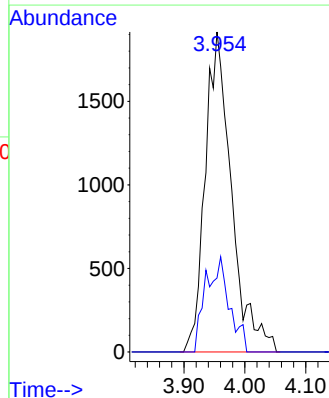
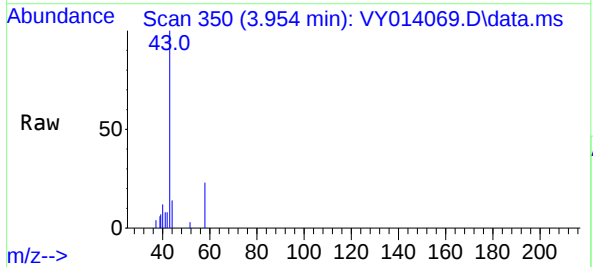
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-0-2.0RE

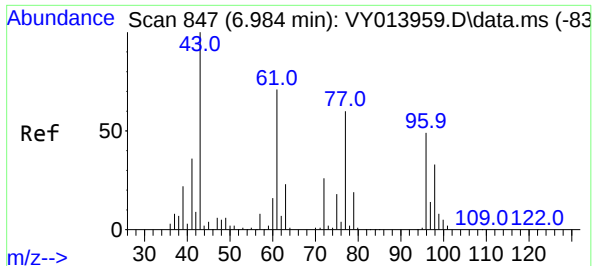
Tgt Ion:168 Resp: 79246
Ion Ratio Lower Upper
168 100
99 50.0 43.4 65.0



#16
Acetone
Concen: 16.040 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY014069.D
Acq: 07 Jun 2023 18:49

Tgt Ion: 43 Resp: 5757
Ion Ratio Lower Upper
43 100
58 23.1 22.7 34.1





#25

2-Butanone

Concen: 1.351 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.018 min

Lab File: VY014069.D

Acq: 07 Jun 2023 18:49

Instrument :

MSVOA_Y

ClientSampleId :

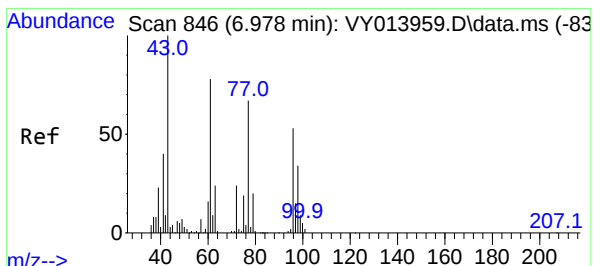
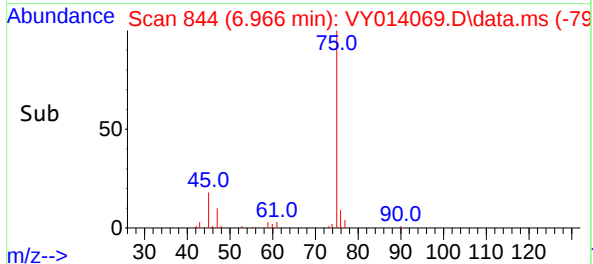
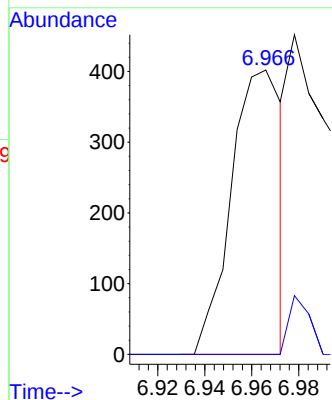
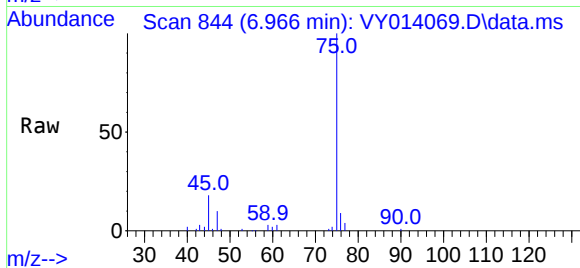
SB-04-0-2.0RE

Tgt Ion: 43 Resp: 604

Ion Ratio Lower Upper

43 100

72 0.0 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 1.214 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY014069.D

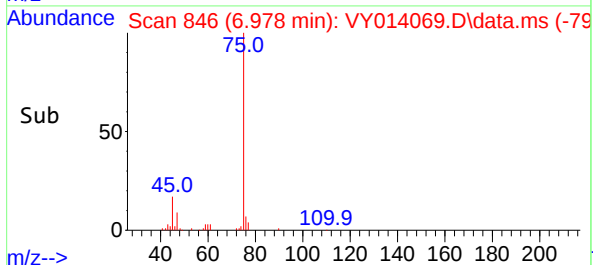
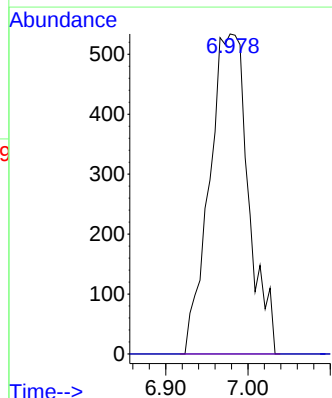
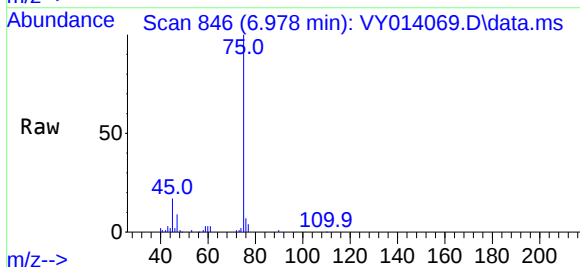
Acq: 07 Jun 2023 18:49

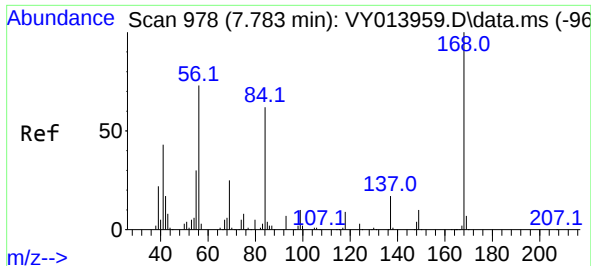
Tgt Ion: 77 Resp: 1762

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#

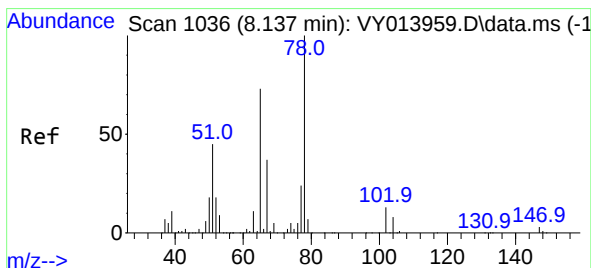
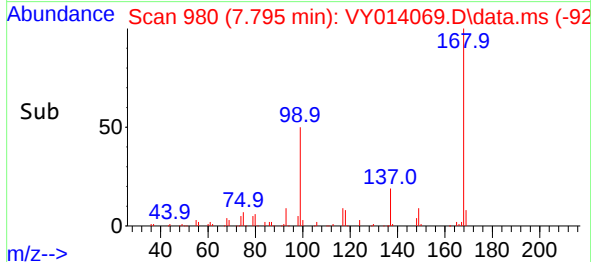
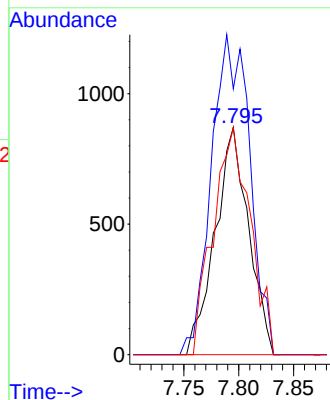
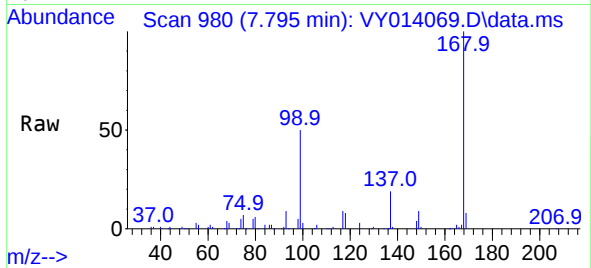




#31
Cyclohexane
Concen: 1.465 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014069.D
Acq: 07 Jun 2023 18:49

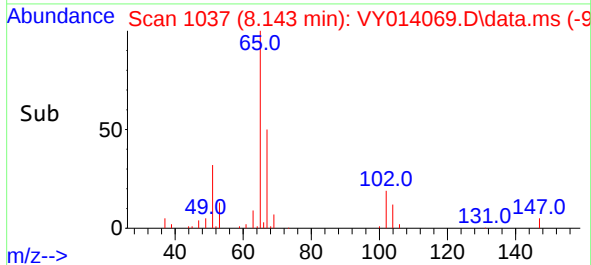
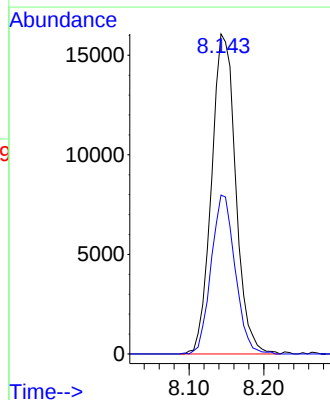
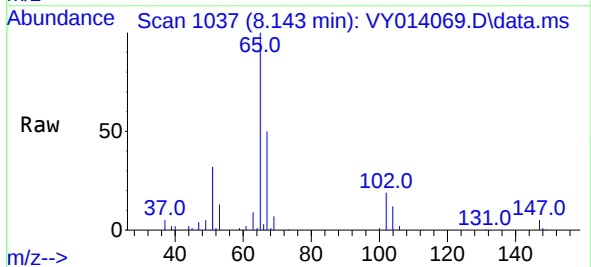
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-0-2.0RE

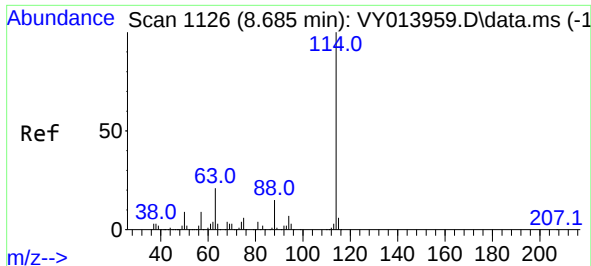
Tgt Ion: 56 Resp: 1850
Ion Ratio Lower Upper
56 100
69 117.0 27.8 41.6#
84 99.8 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 34.500 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014069.D
Acq: 07 Jun 2023 18:49

Tgt Ion: 65 Resp: 36192
Ion Ratio Lower Upper
65 100
67 49.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY014069.D

Acq: 07 Jun 2023 18:49

Instrument :

MSVOA_Y

ClientSampleId :

SB-04-0-2.0RE

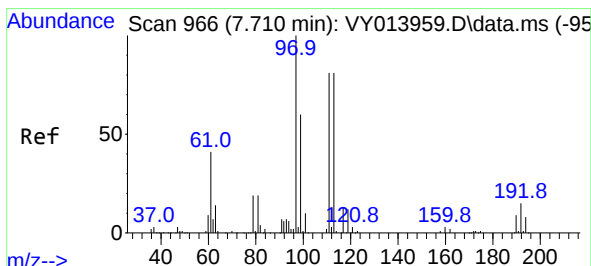
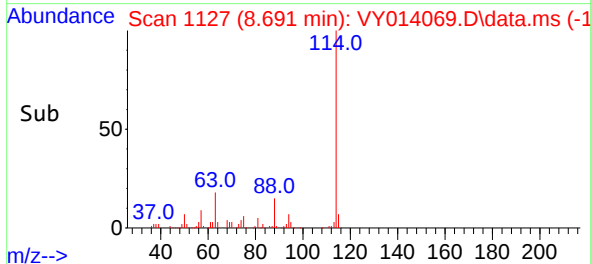
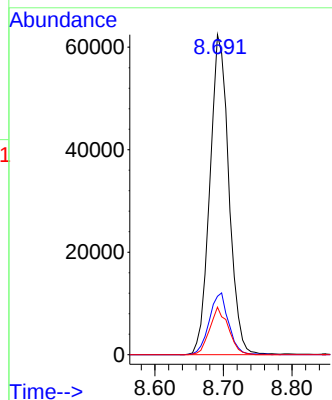
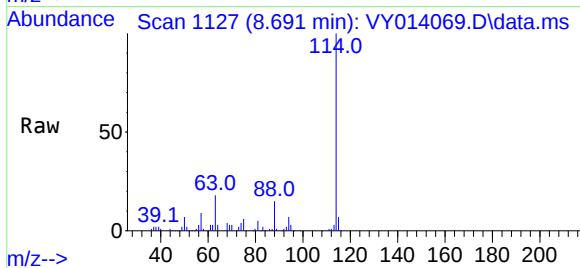
Tgt Ion:114 Resp: 120290

Ion Ratio Lower Upper

114 100

63 18.3 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.586 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.012 min

Lab File: VY014069.D

Acq: 07 Jun 2023 18:49

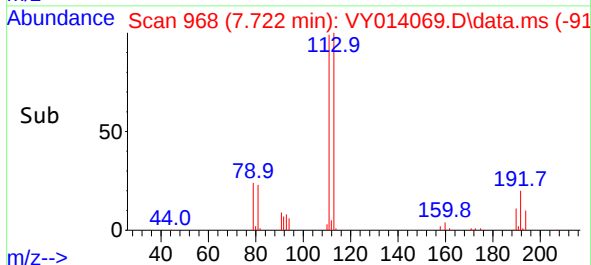
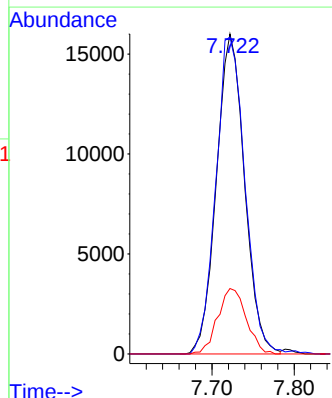
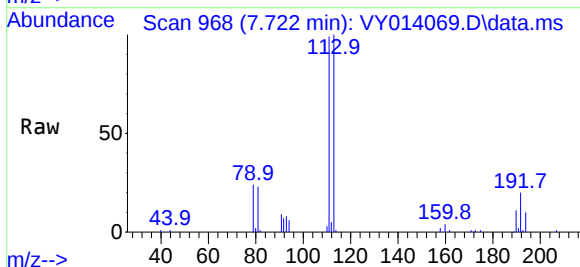
Tgt Ion:113 Resp: 37906

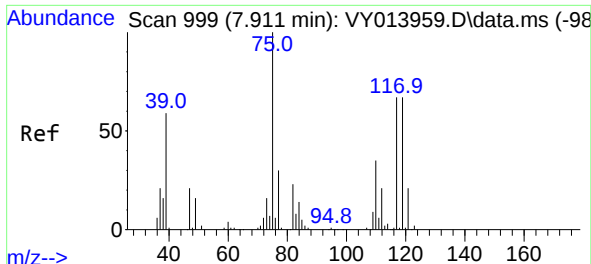
Ion Ratio Lower Upper

113 100

111 103.0 81.3 121.9

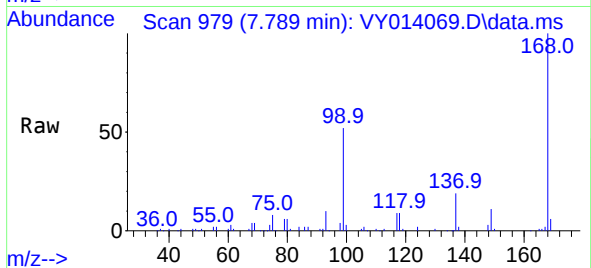
192 20.8 16.9 25.3



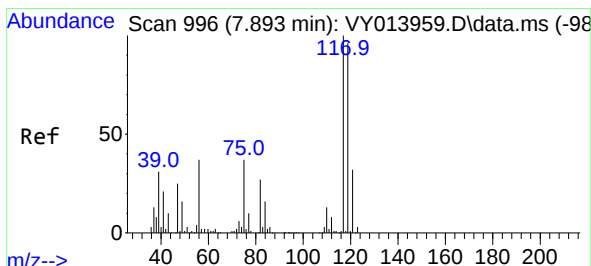
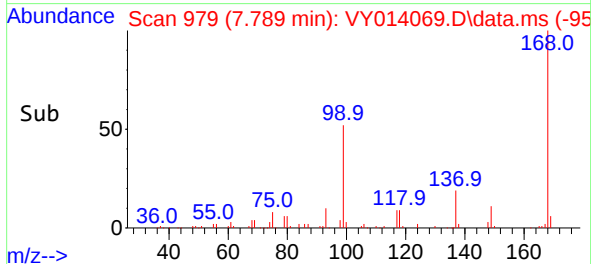
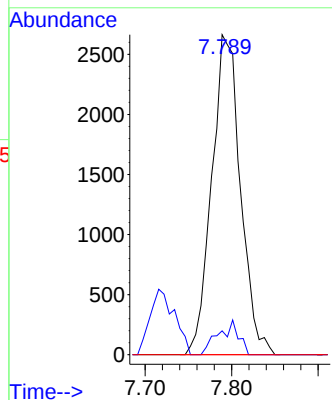


#36
1,1-Dichloropropene
Concen: 5.631 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY014069.D
Acq: 07 Jun 2023 18:49

Instrument :
MSVOA_Y
ClientSampleId :
SB-04-0-2.0RE

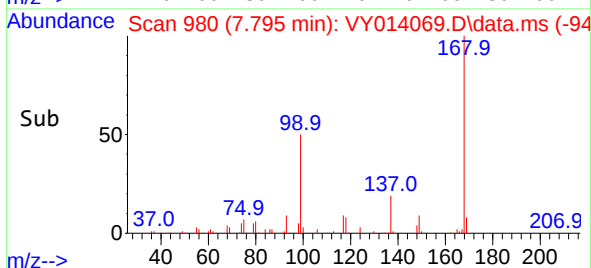
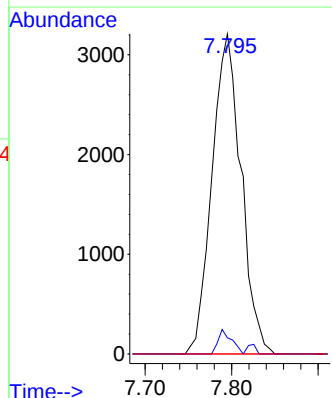
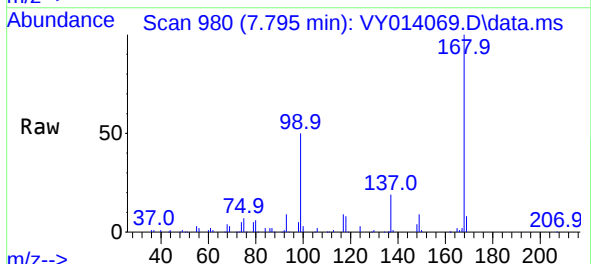


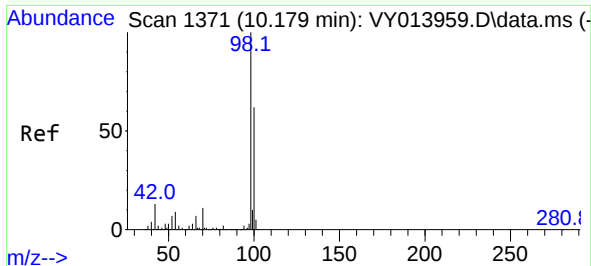
Tgt Ion: 75 Resp: 6133
Ion Ratio Lower Upper
75 100
110 7.6 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.127 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.098 min
Lab File: VY014069.D
Acq: 07 Jun 2023 18:49

Tgt Ion: 117 Resp: 7477
Ion Ratio Lower Upper
117 100
119 5.0 76.4 114.6#
121 0.0 25.8 38.6#

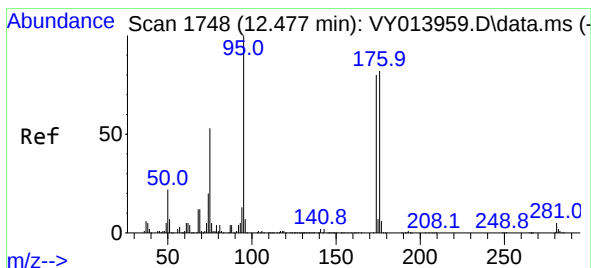
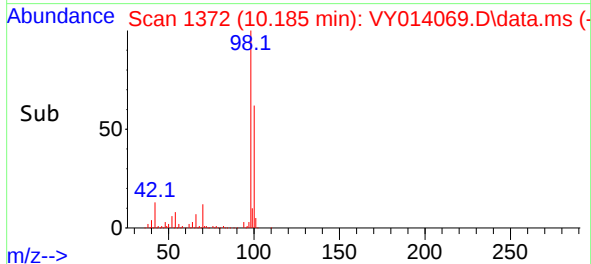
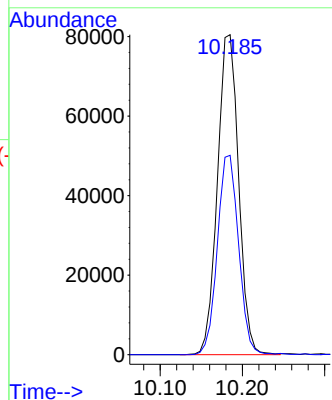
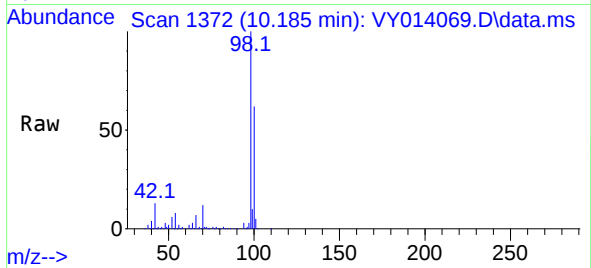




#50
Toluene-d8
Concen: 49.485 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014069.D
Acq: 07 Jun 2023 18:49

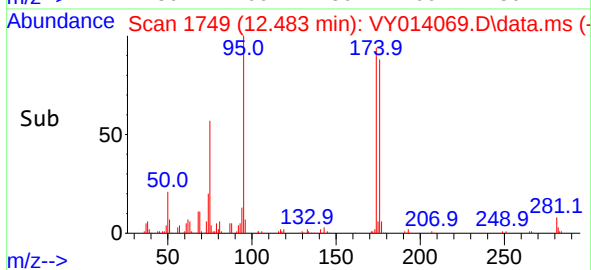
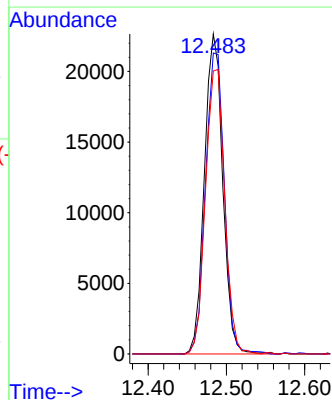
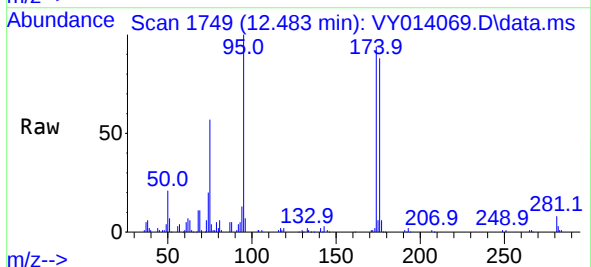
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ClientSampleId :
SB-04-0-2.0RE

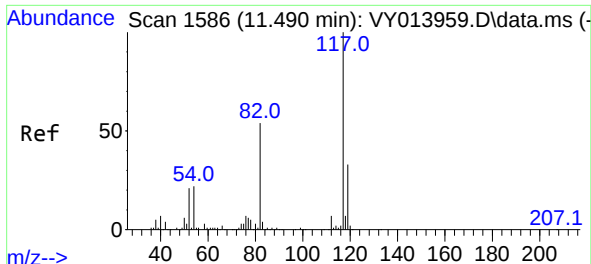
Tgt Ion: 98 Resp: 144296
Ion Ratio Lower Upper
98 100
100 62.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 37.023 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014069.D
Acq: 07 Jun 2023 18:49

Tgt Ion: 95 Resp: 36805
Ion Ratio Lower Upper
95 100
174 96.8 0.0 178.2
176 93.0 0.0 173.8

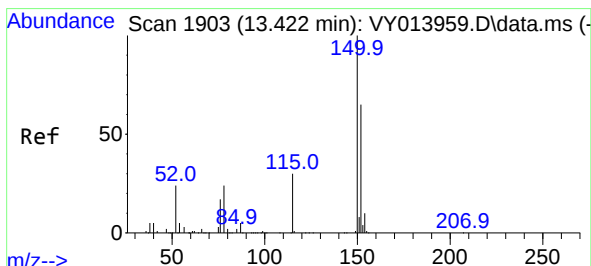
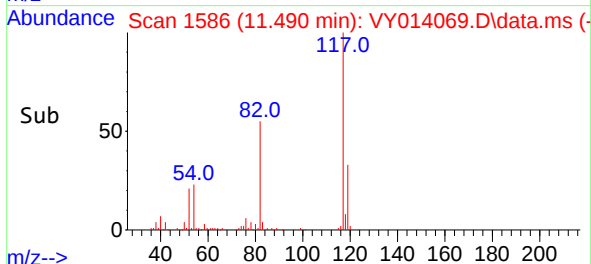
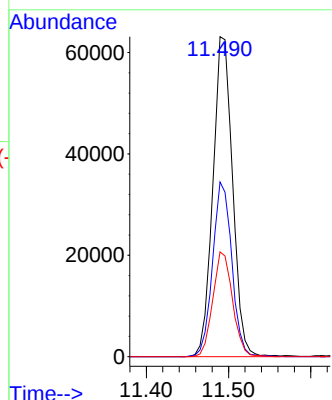
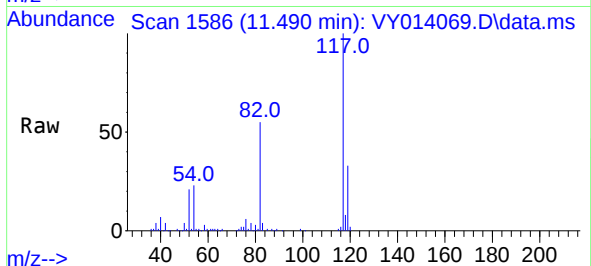




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014069.D
Acq: 07 Jun 2023 18:49

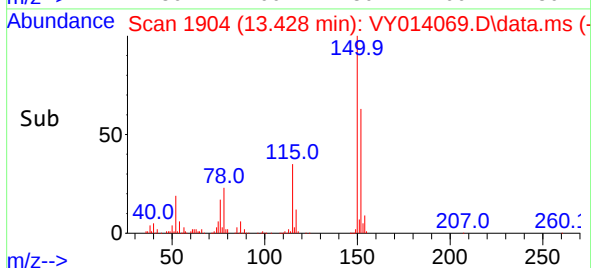
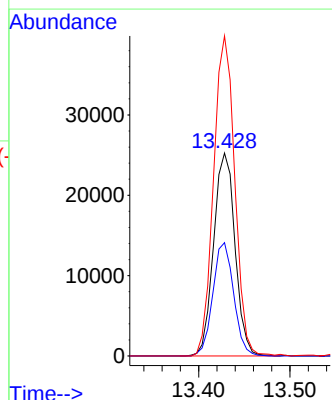
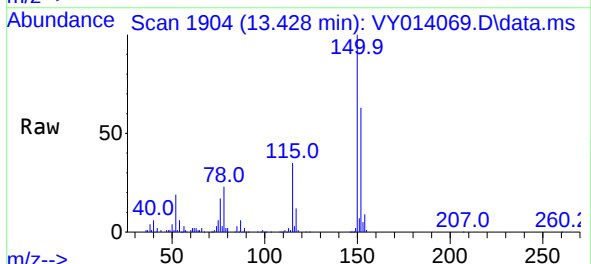
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-0-2.0RE

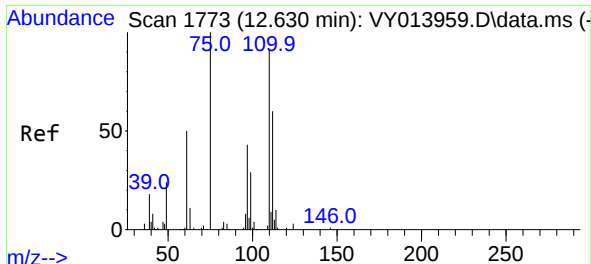
Tgt Ion:	117	Resp:	105145
Ion	Ratio	Lower	Upper
117	100		
82	54.6	43.4	65.0
119	32.7	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY014069.D
Acq: 07 Jun 2023 18:49

Tgt Ion:	152	Resp:	41091
Ion	Ratio	Lower	Upper
152	100		
115	54.3	28.8	86.5
150	156.4	0.0	348.8

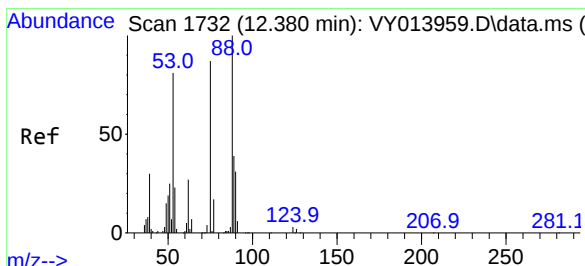
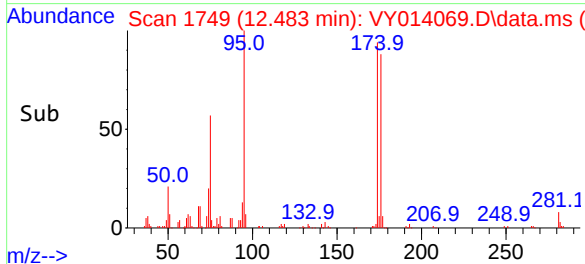
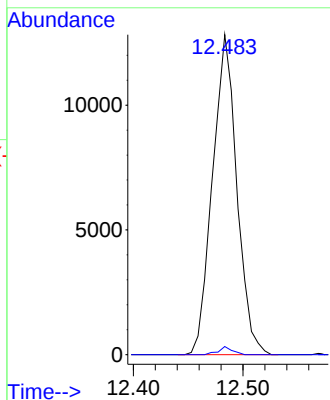
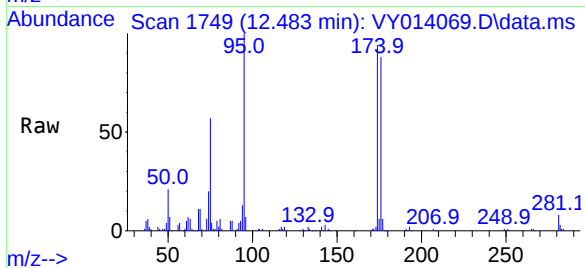




#76
1,2,3-Trichloropropane
Concen: 35.800 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY014069.D
Acq: 07 Jun 2023 18:49

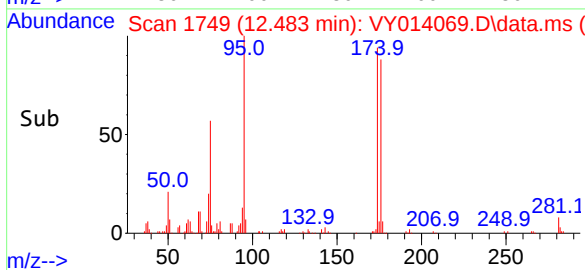
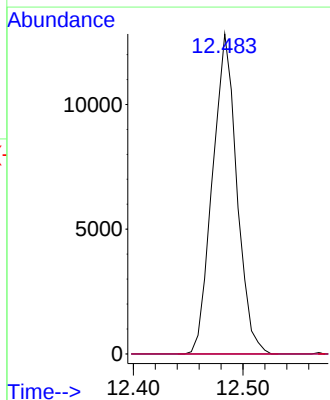
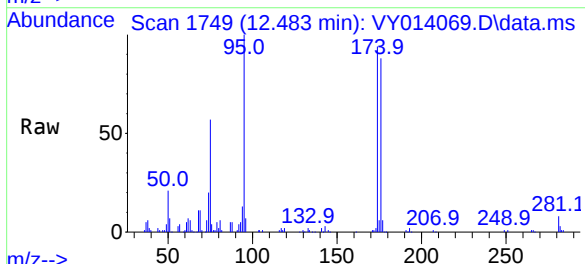
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-0-2.0RE

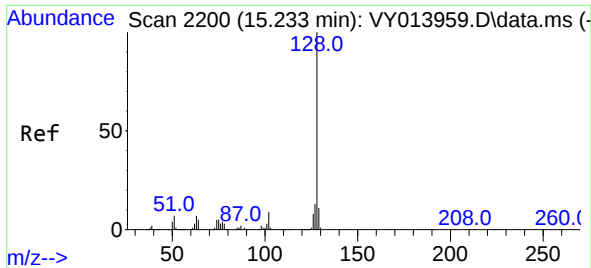
Tgt Ion: 75 Resp: 19796
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.950 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY014069.D
Acq: 07 Jun 2023 18:49

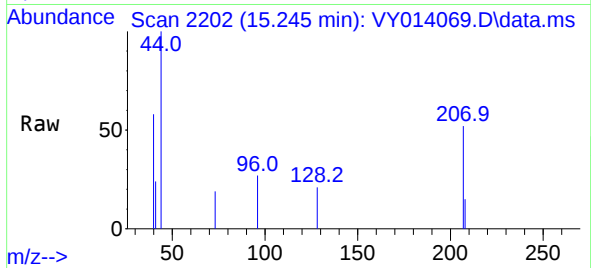
Tgt Ion: 75 Resp: 19796
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#





#95
Naphthalene
Concen: 3.912 ug/l
RT: 15.245 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY014069.D
Acq: 07 Jun 2023 18:49

Instrument :
MSVOA_Y
ClientSampleId :
SB-04-0-2.0RE



Tgt Ion:	128	Resp:	65
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.8	16.2#
129	0.0	8.6	13.0#

