

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
 Data File : VY014728.D
 Acq On : 20 Jul 2023 18:02
 Operator : SY/MD
 Sample : 03681-03
 Misc : 5.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RPTP-1-GRAB-4

Quant Time: Jul 21 01:34:13 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)

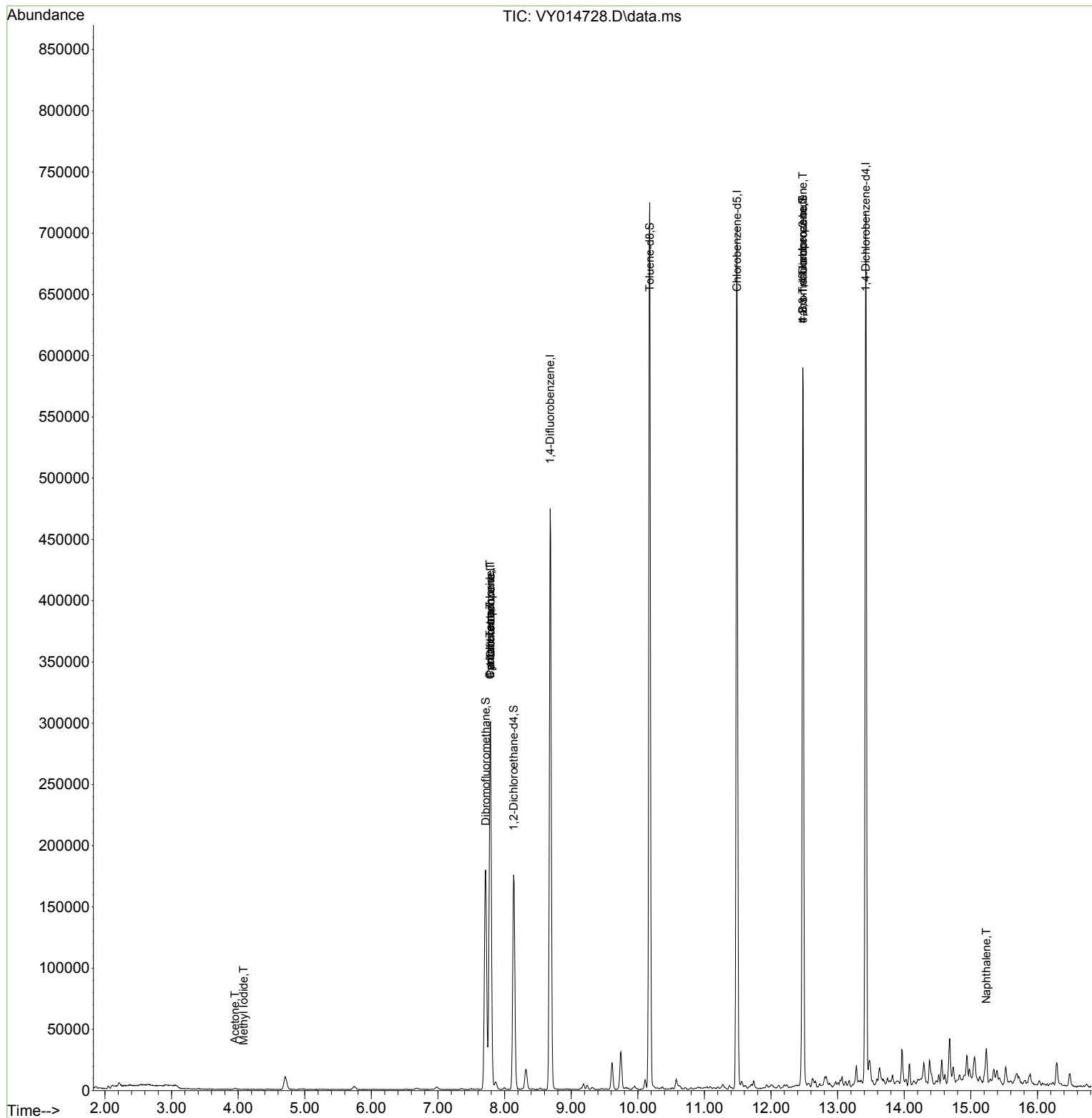
Internal Standards						
1) Pentafluorobenzene	7.789	168	238174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	412381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	384879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	184624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	139787	51.504	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.000%	
35) Dibromofluoromethane	7.716	113	130005	49.523	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.040%	
50) Toluene-d8	10.179	98	480287	49.625	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.260%	
62) 4-Bromofluorobenzene	12.477	95	183034	49.322	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.640%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.082	142	25	2.378	ug/l #	38
11) Tert butyl alcohol	4.936	59	265	Below Cal	#	89
16) Acetone	3.954	43	1948	2.265	ug/l	94
20) Methylene Chloride	4.704	84	7892	Below Cal	#	86
31) Cyclohexane	7.783	56	5092	1.130	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	17483	4.453	ug/l #	52
38) Carbon Tetrachloride	7.783	117	23183	5.586	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	93042	39.902	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	93042	77.258	ug/l #	11
95) Naphthalene	15.233	128	18647	2.143	ug/l #	94

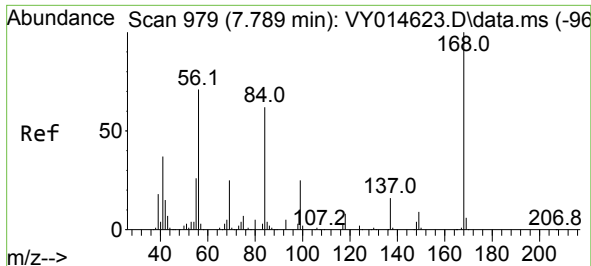
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RPTP-1-GRAB-4

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Quant Title : SW846 8260
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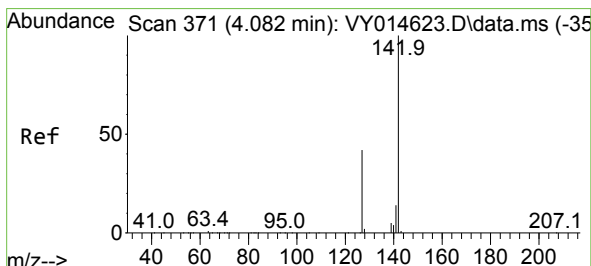
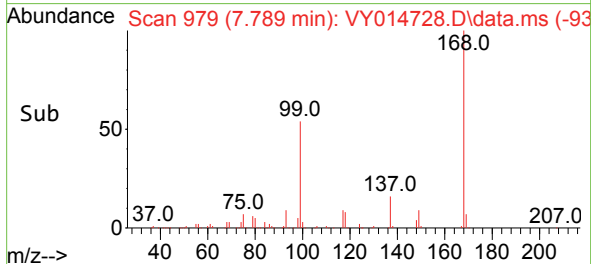
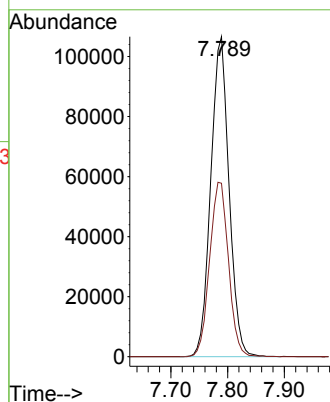
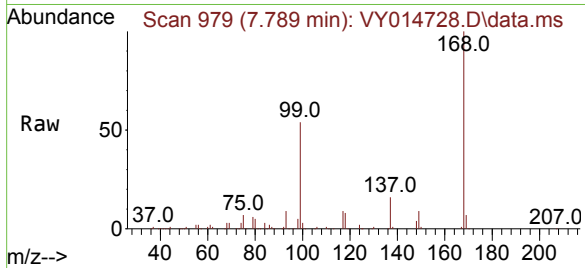




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014728.D
Acq: 20 Jul 2023 18:02

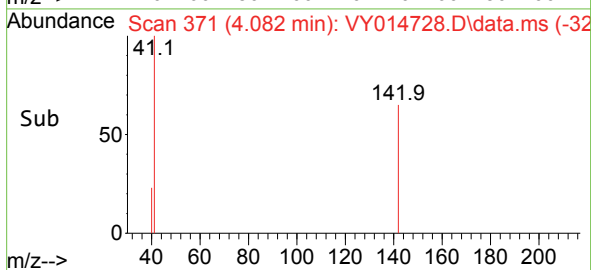
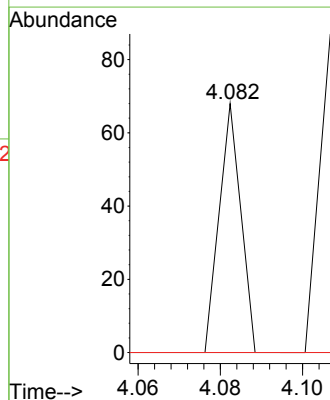
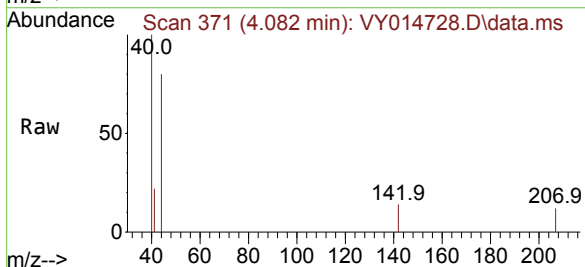
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-1-GRAB-4

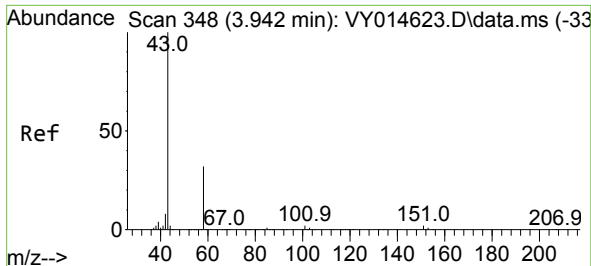
Tgt Ion:168 Resp: 238174
Ion Ratio Lower Upper
168 100
99 54.2 43.4 65.0



#10
Methyl Iodide
Concen: 2.378 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY014728.D
Acq: 20 Jul 2023 18:02

Tgt Ion:142 Resp: 25
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#

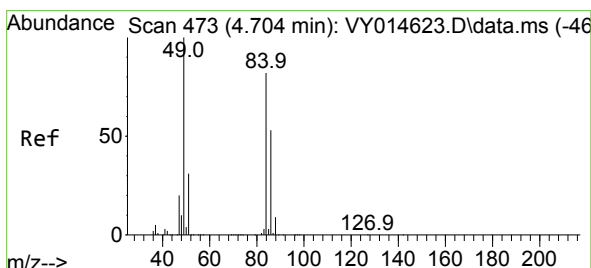
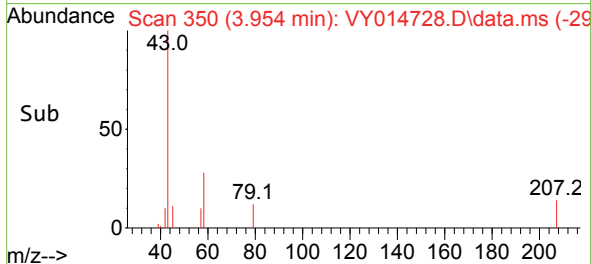
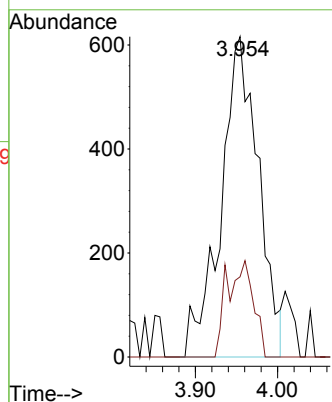
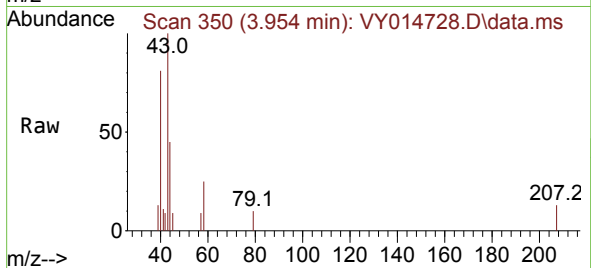




#16
Acetone
Concen: 2.265 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY014728.D
Acq: 20 Jul 2023 18:02

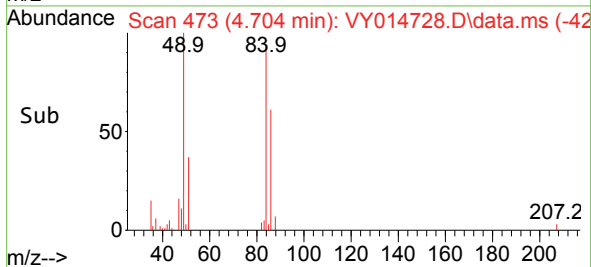
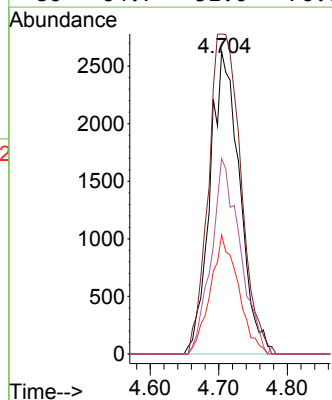
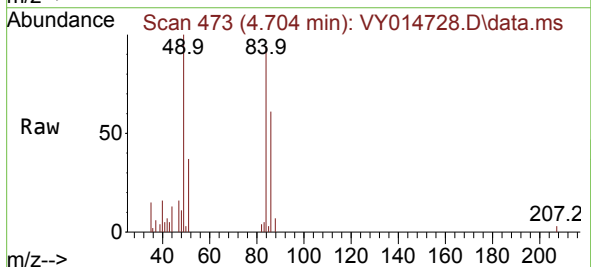
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-1-GRAB-4

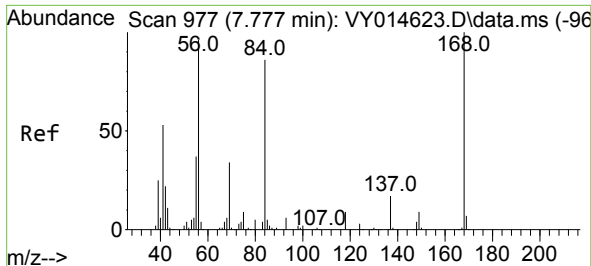
Tgt Ion: 43 Resp: 1948
Ion Ratio Lower Upper
43 100
58 25.0 22.7 34.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014728.D
Acq: 20 Jul 2023 18:02

Tgt Ion: 84 Resp: 7892
Ion Ratio Lower Upper
84 100
49 105.8 106.9 160.3#
51 39.3 33.2 49.8
86 64.7 51.0 76.6

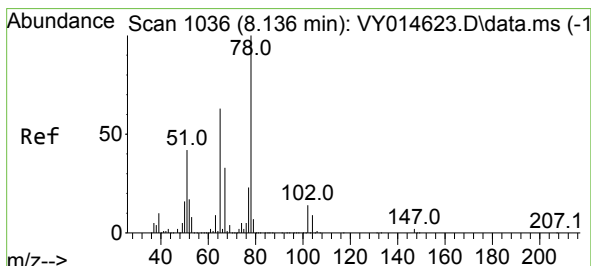
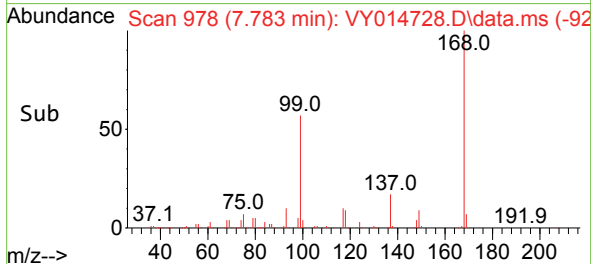
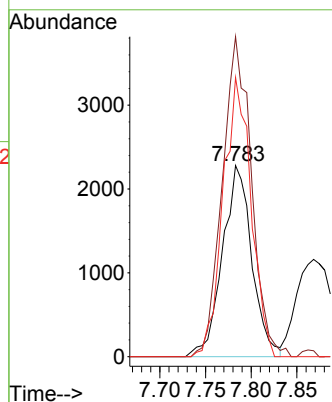
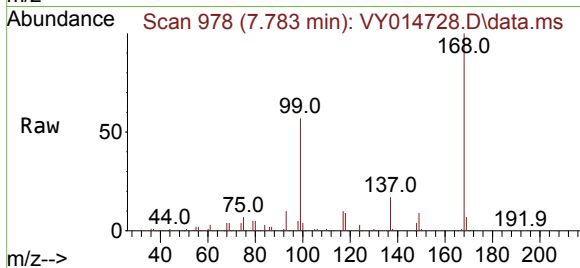




#31
Cyclohexane
Concen: 1.130 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014728.D
Acq: 20 Jul 2023 18:02

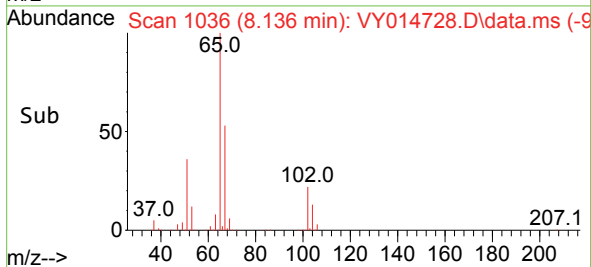
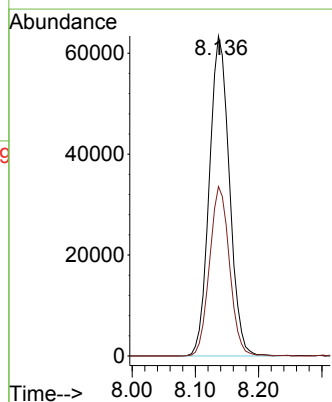
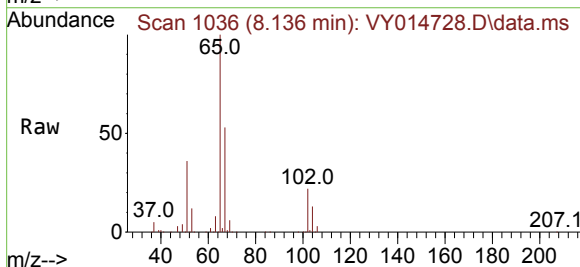
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-1-GRAB-4

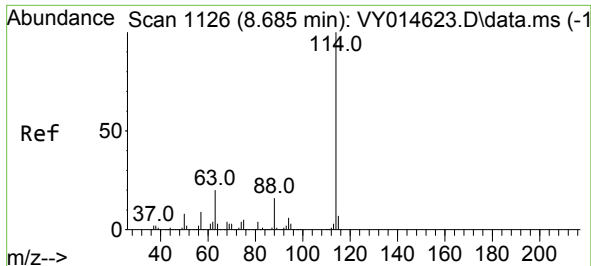
Tgt Ion: 56 Resp: 5092
Ion Ratio Lower Upper
56 100
69 167.4 27.8 41.6#
84 146.0 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 51.504 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY014728.D
Acq: 20 Jul 2023 18:02

Tgt Ion: 65 Resp: 139787
Ion Ratio Lower Upper
65 100
67 52.5 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: VY014728.D

Acq: 20 Jul 2023 18:02

Instrument :

MSVOA_Y

ClientSampleId :

RPTP-1-GRAB-4

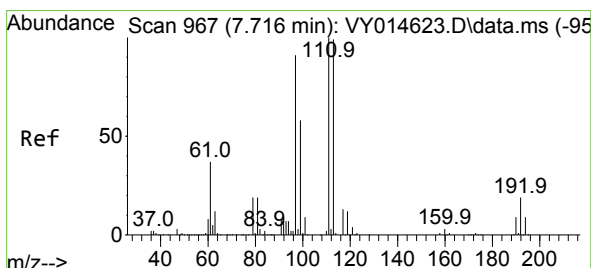
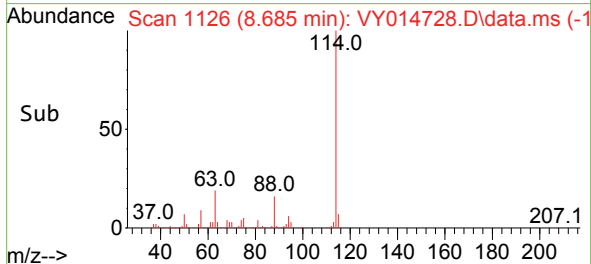
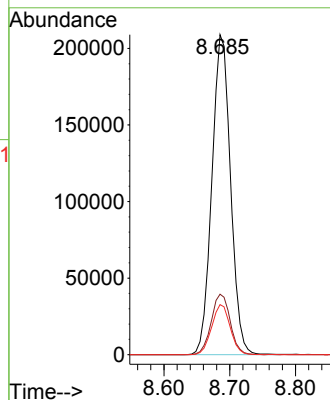
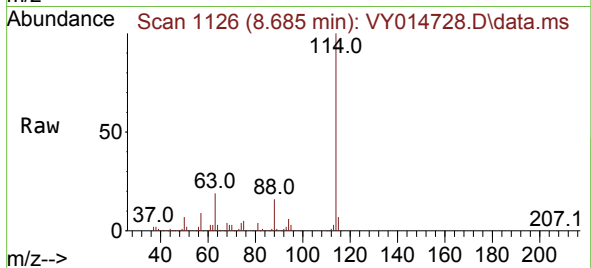
Tgt Ion:114 Resp: 412381

Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.523 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014728.D

Acq: 20 Jul 2023 18:02

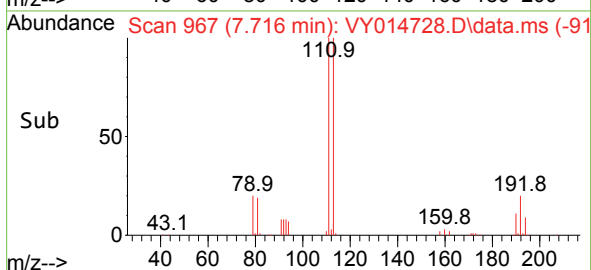
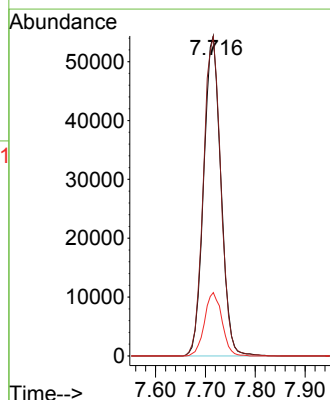
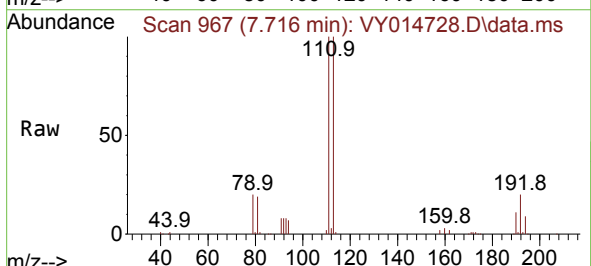
Tgt Ion:113 Resp: 130005

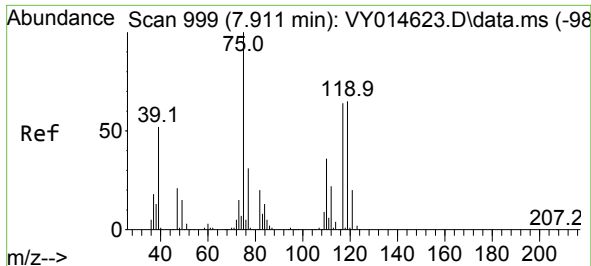
Ion Ratio Lower Upper

113 100

111 101.5 81.3 121.9

192 20.1 16.9 25.3

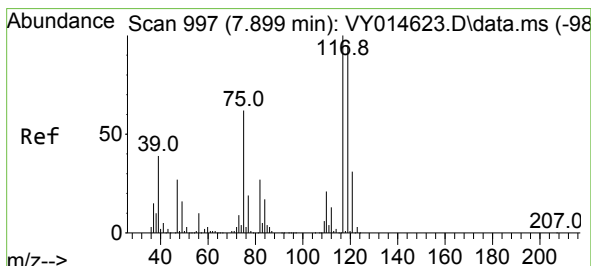
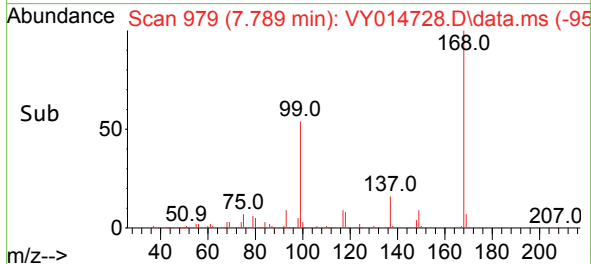
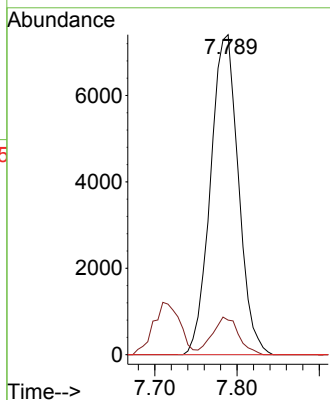
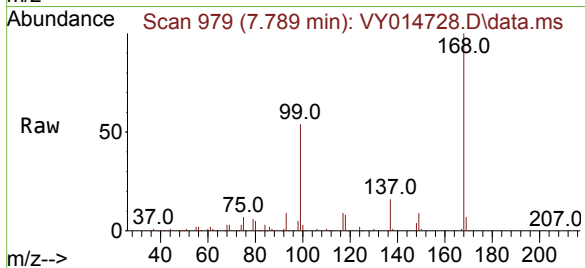




#36
1,1-Dichloropropene
Concen: 4.453 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY014728.D
Acq: 20 Jul 2023 18:02

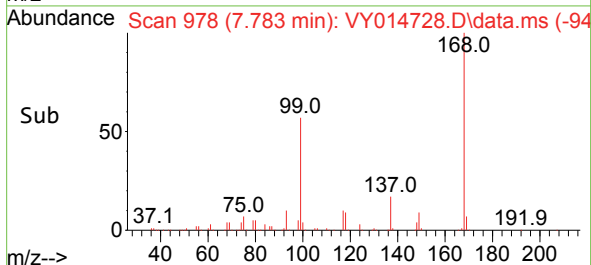
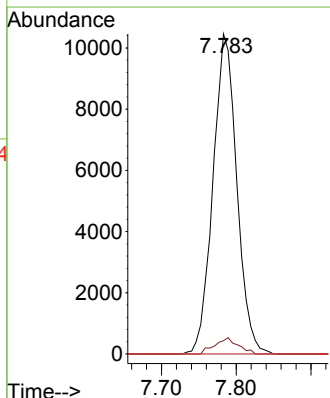
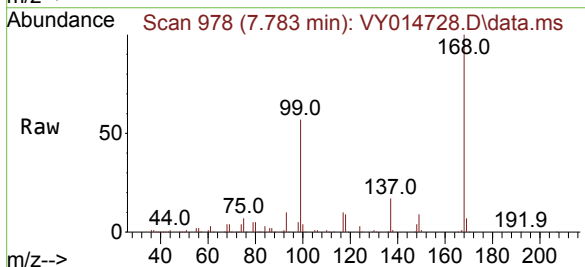
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-1-GRAB-4

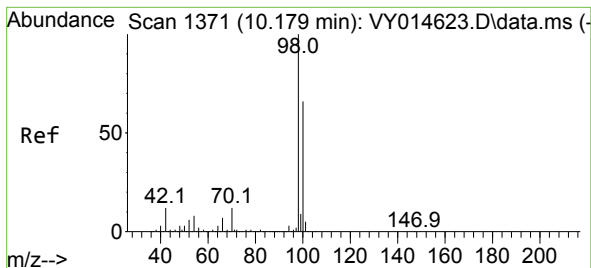
Tgt Ion: 75 Resp: 17483
Ion Ratio Lower Upper
75 100
110 11.0 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.586 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY014728.D
Acq: 20 Jul 2023 18:02

Tgt Ion: 117 Resp: 23183
Ion Ratio Lower Upper
117 100
119 4.1 76.4 114.6#
121 0.0 25.8 38.6#

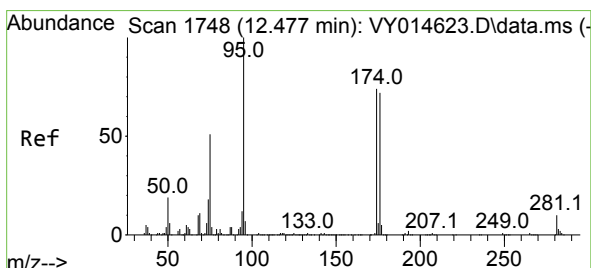
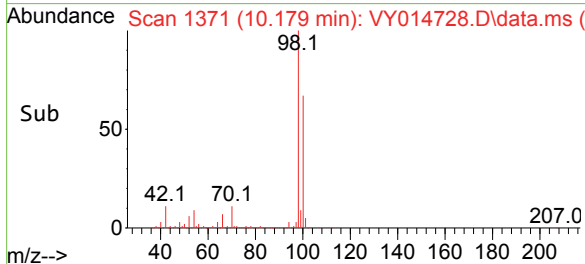
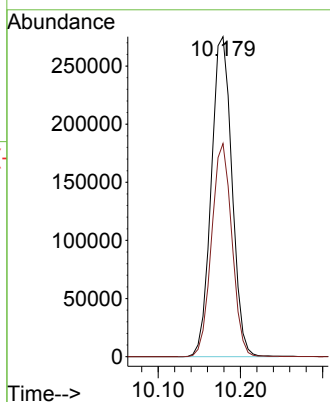
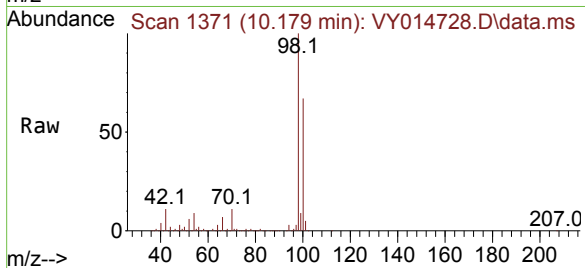




#50
Toluene-d8
Concen: 49.625 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014728.D
Acq: 20 Jul 2023 18:02

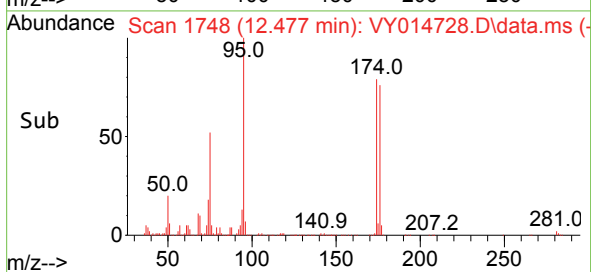
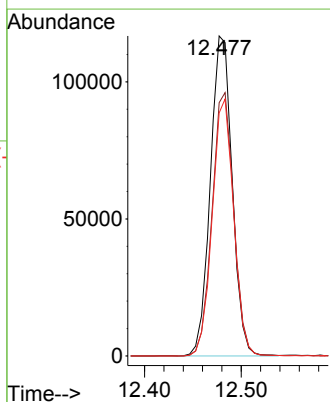
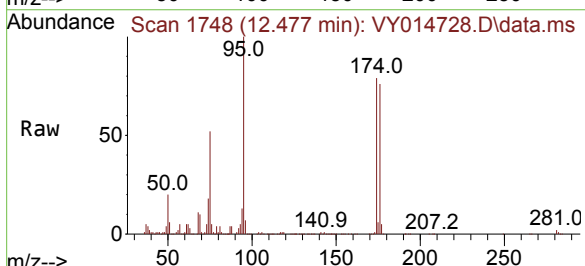
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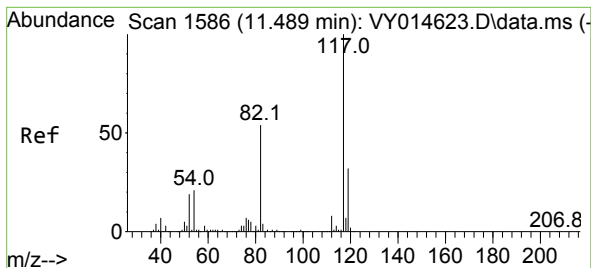
Tgt Ion: 98 Resp: 480287
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.322 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014728.D
Acq: 20 Jul 2023 18:02

Tgt Ion: 95 Resp: 183034
Ion Ratio Lower Upper
95 100
174 81.8 0.0 178.2
176 78.8 0.0 173.8

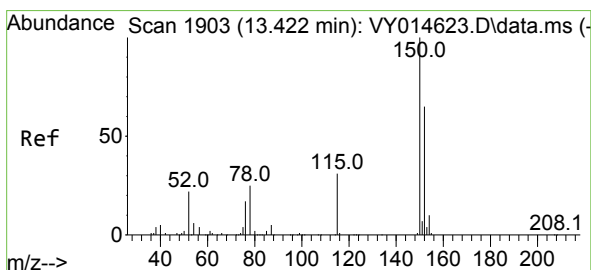
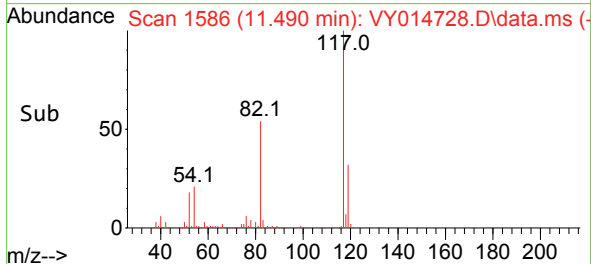
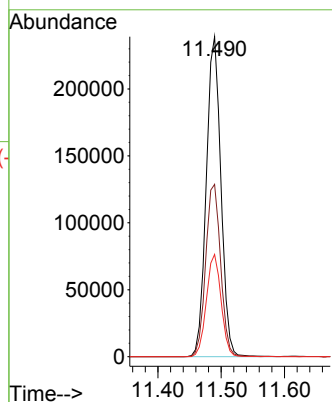
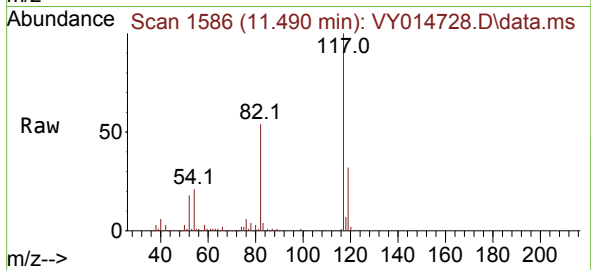




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY014728.D
Acq: 20 Jul 2023 18:02

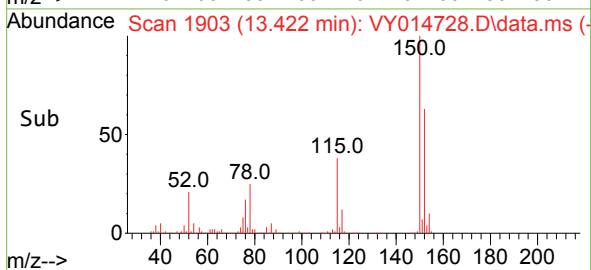
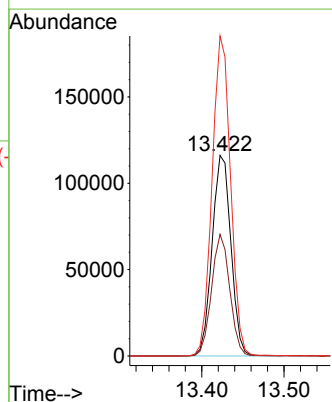
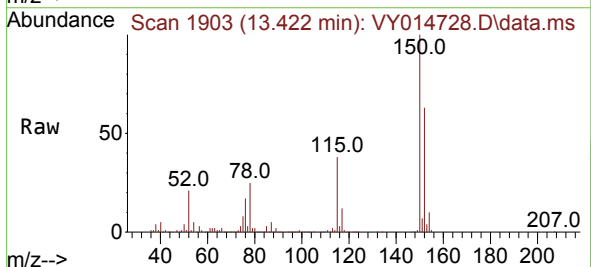
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-1-GRAB-4

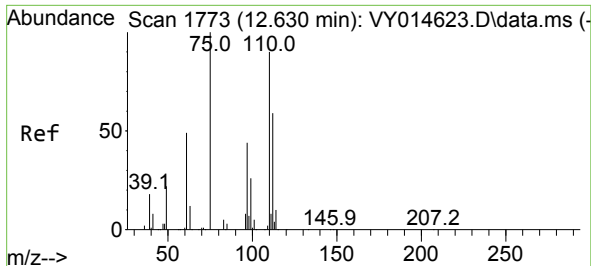
Tgt Ion:117 Resp: 384879
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.0
119 32.0 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014728.D
Acq: 20 Jul 2023 18:02

Tgt Ion:152 Resp: 184624
Ion Ratio Lower Upper
152 100
115 58.6 28.8 86.5
150 156.6 0.0 348.8

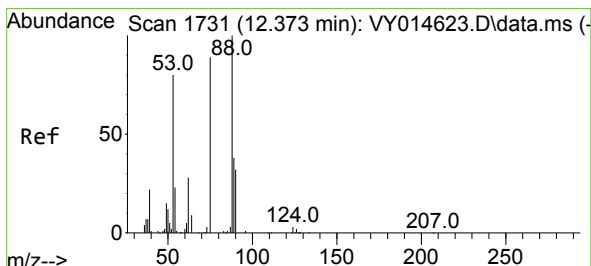
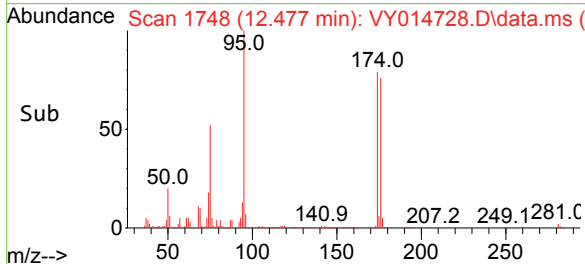
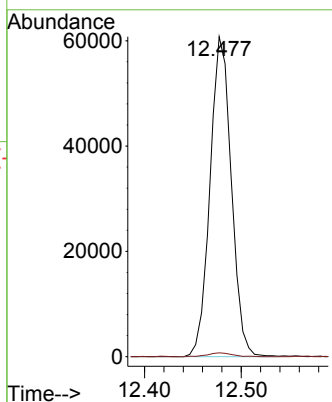
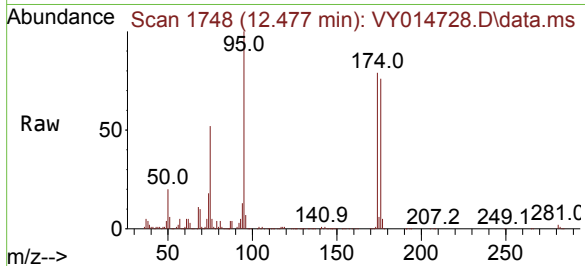




#76
1,2,3-Trichloropropane
Concen: 39.902 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY014728.D
Acq: 20 Jul 2023 18:02

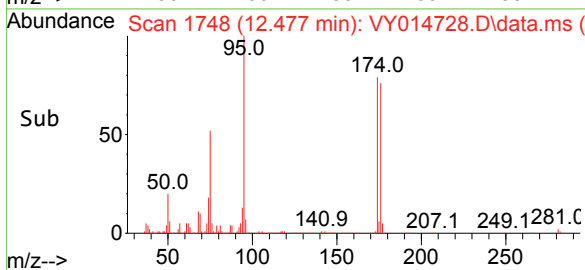
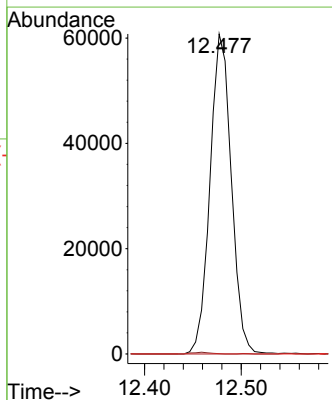
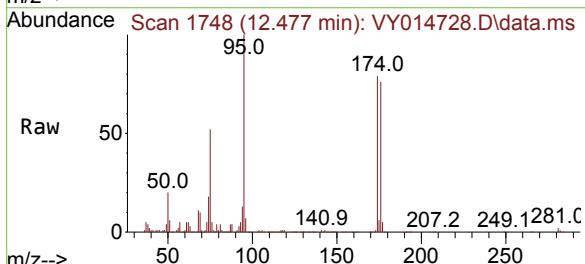
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-1-GRAB-4

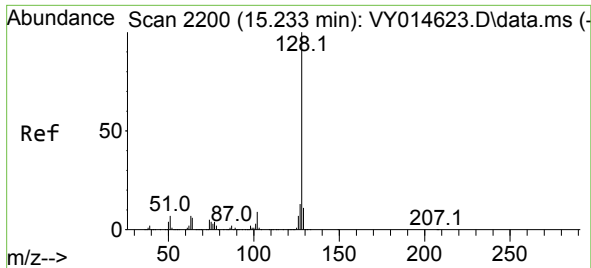
Tgt Ion: 75 Resp: 93042
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.258 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY014728.D
Acq: 20 Jul 2023 18:02

Tgt Ion: 75 Resp: 93042
Ion Ratio Lower Upper
75 100
53 0.5 77.8 116.8#
89 0.0 37.4 56.0#





#95
Naphthalene
Concen: 2.143 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY014728.D
Acq: 20 Jul 2023 18:02

Instrument :
MSVOA_Y
ClientSampleId :
RPTP-1-GRAB-4

Tgt Ion:	128	Resp:	18647
Ion	Ratio	Lower	Upper
128	100		
127	15.9	10.8	16.2
129	13.0	8.6	13.0

