

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060223\
 Data File : VY013988.D
 Acq On : 02 Jun 2023 14:33
 Operator : KP/MD
 Sample : 02988-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ORA-1644

Quant Time: Jun 05 09:42:24 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)

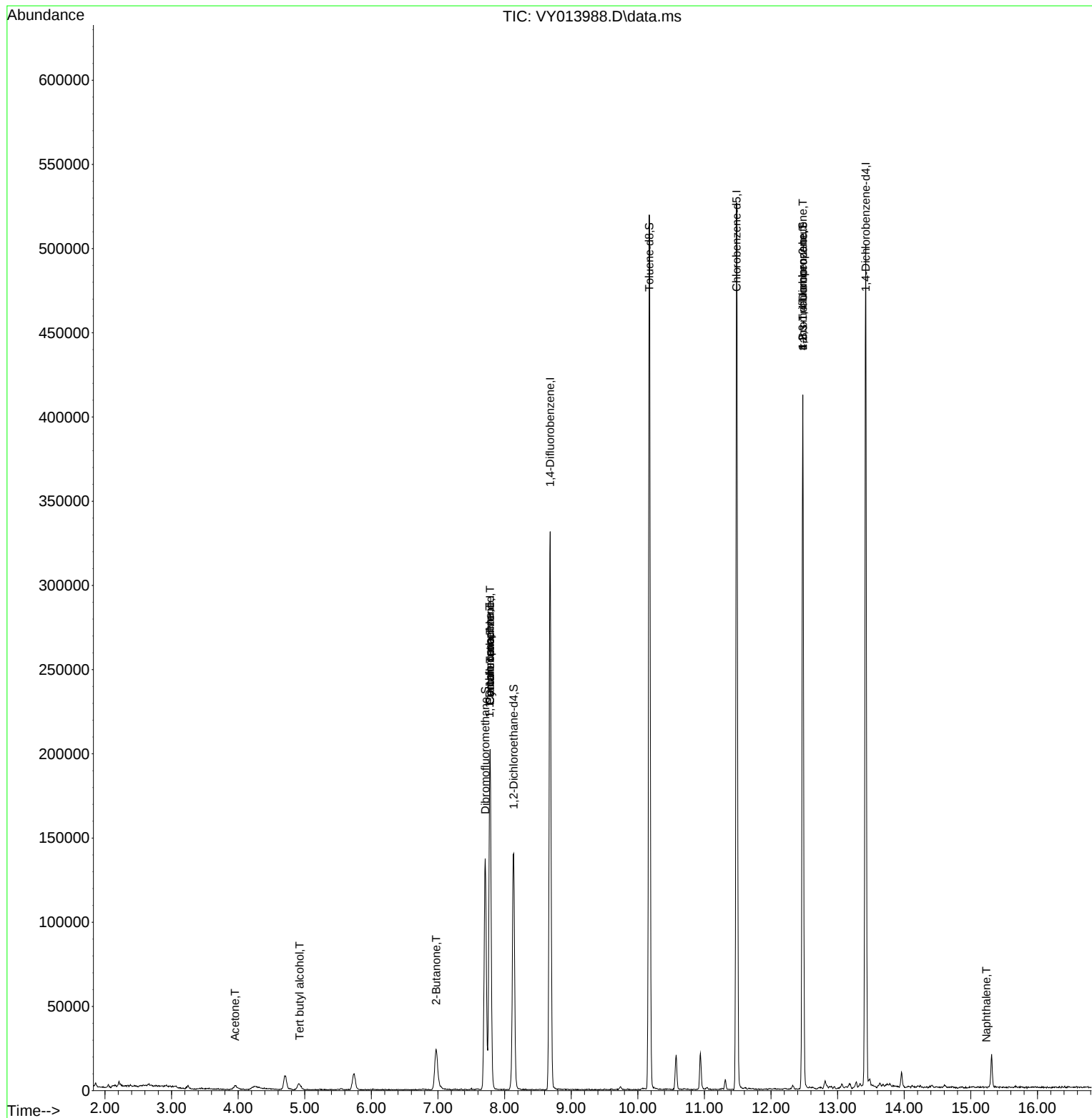
Internal Standards						
1) Pentafluorobenzene	7.783	168	157116	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	270027	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	272653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	125359	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	118711	57.077	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.160%			
35) Dibromofluoromethane	7.710	113	94378	54.997	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.000%			
50) Toluene-d8	10.173	98	332047	50.727	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.460%			
62) 4-Bromofluorobenzene	12.477	95	112404	50.370	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.740%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	3422	8.006	ug/l #	89
16) Acetone	3.954	43	5309	7.461	ug/l	92
20) Methylene Chloride	4.710	84	6257	Below Cal	#	82
25) 2-Butanone	6.972	43	1788	2.017	ug/l #	84
31) Cyclohexane	7.783	56	3848	1.536	ug/l #	38
36) 1,1-Dichloropropene	7.777	75	12283	5.024	ug/l #	48
38) Carbon Tetrachloride	7.783	117	15488	5.653	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	61760	36.611	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	61760	77.669	ug/l #	11
95) Naphthalene	15.233	128	335	3.934	ug/l #	69

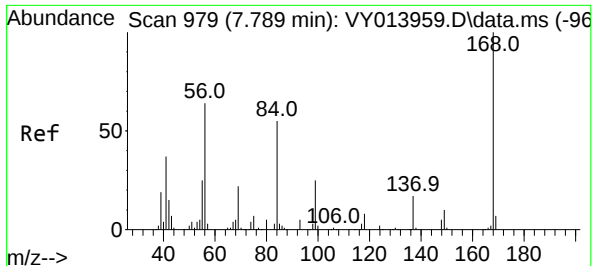
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060223\
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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

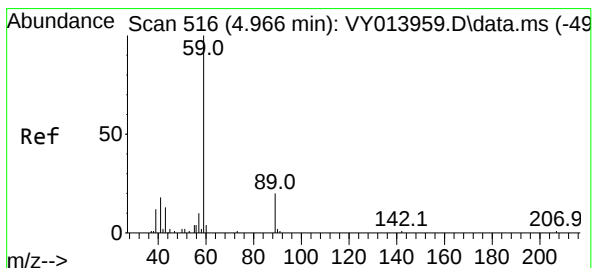
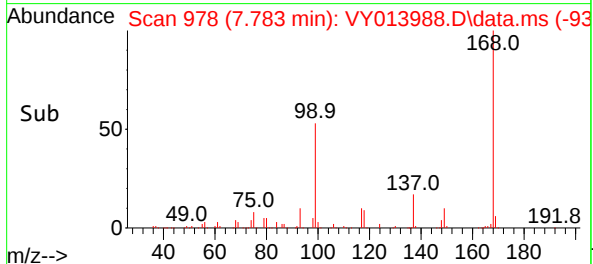
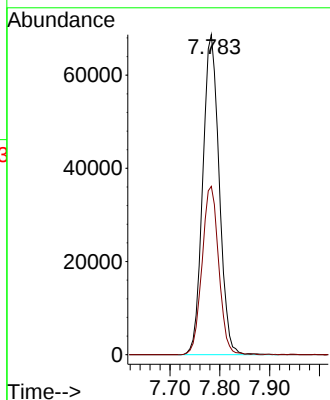
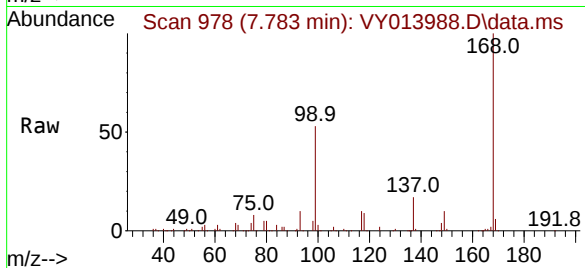




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013988.D
Acq: 02 Jun 2023 14:33

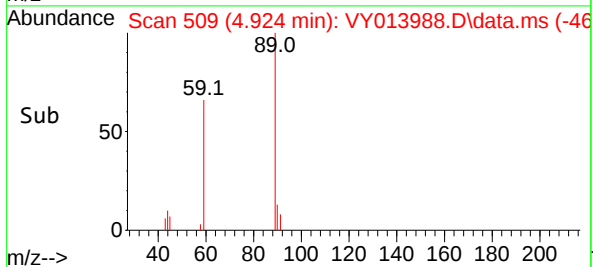
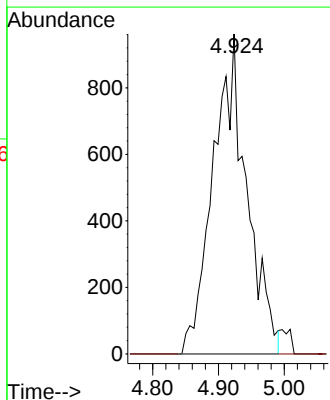
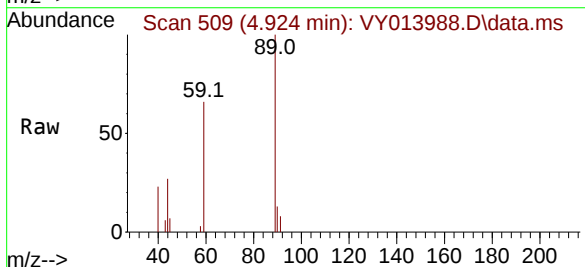
Instrument :
MSVOA_Y
ClientSampleId :
ORA-1644

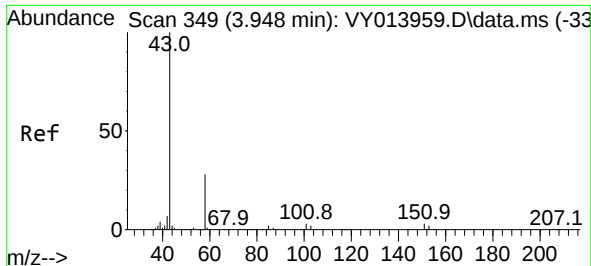
Tgt Ion:168 Resp: 157116
Ion Ratio Lower Upper
168 100
99 52.6 43.4 65.0



#11
Tert butyl alcohol
Concen: 8.006 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.042 min
Lab File: VY013988.D
Acq: 02 Jun 2023 14:33

Tgt Ion: 59 Resp: 3422
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

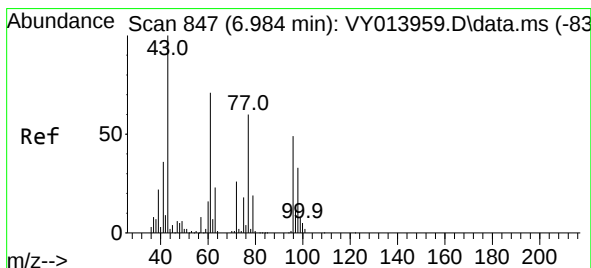
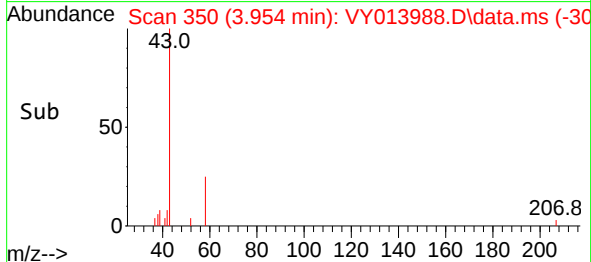
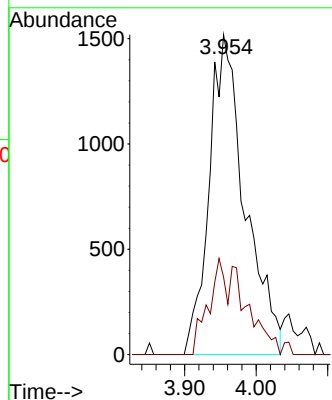
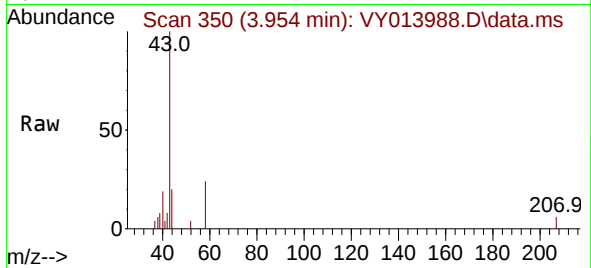




#16
Acetone
Concen: 7.461 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY013988.D
Acq: 02 Jun 2023 14:33

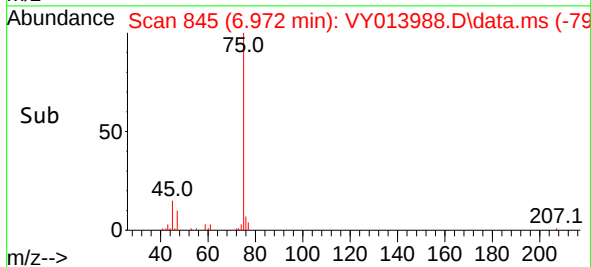
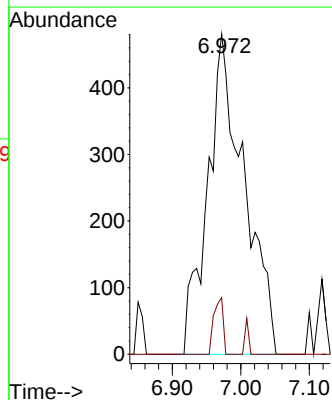
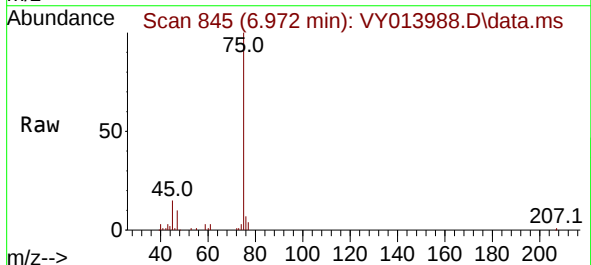
Instrument :
MSVOA_Y
ClientSampleId :
ORA-1644

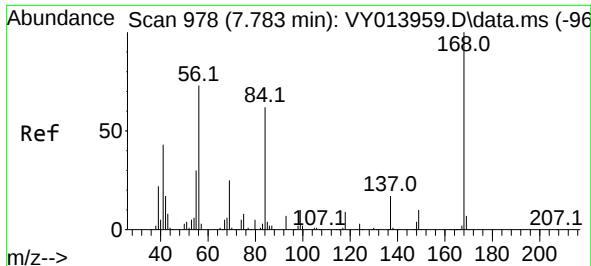
Tgt Ion: 43 Resp: 5309
Ion Ratio Lower Upper
43 100
58 24.2 22.7 34.1



#25
2-Butanone
Concen: 2.017 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY013988.D
Acq: 02 Jun 2023 14:33

Tgt Ion: 43 Resp: 1788
Ion Ratio Lower Upper
43 100
72 17.7 20.5 30.7#

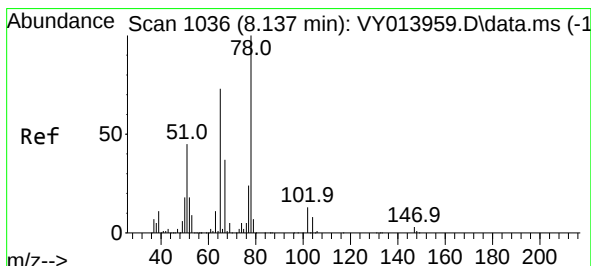
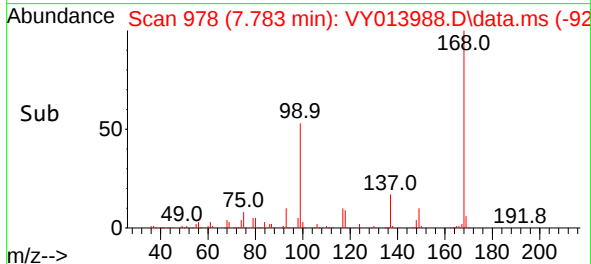
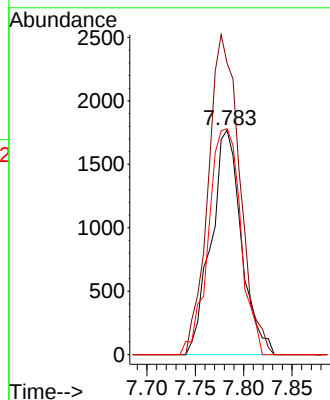
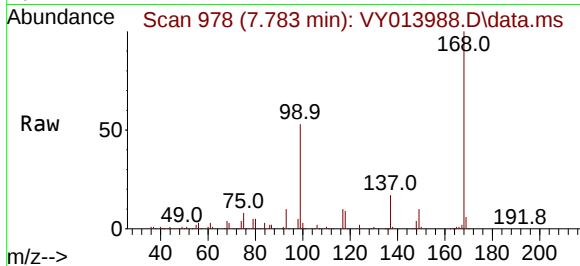




#31
Cyclohexane
Concen: 1.536 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013988.D
Acq: 02 Jun 2023 14:33

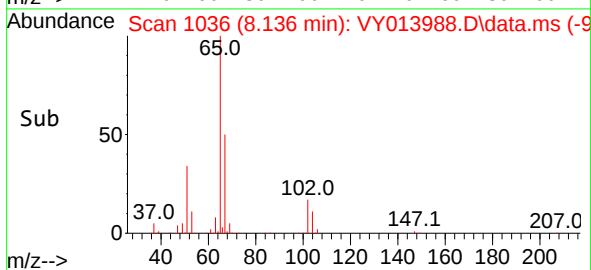
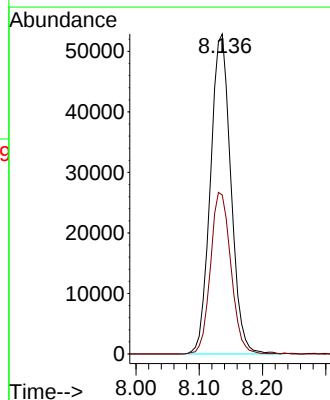
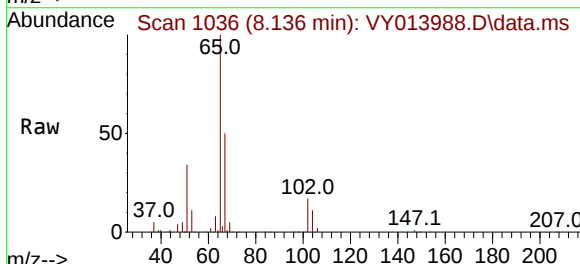
Instrument :
MSVOA_Y
ClientSampleId :
ORA-1644

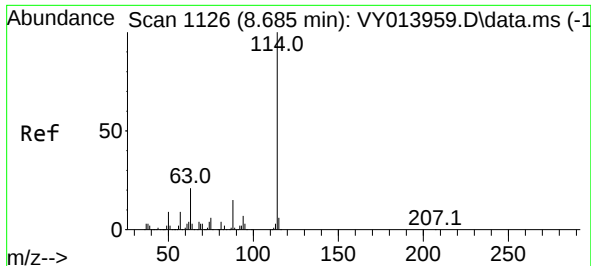
Tgt Ion: 56 Resp: 3848
Ion Ratio Lower Upper
56 100
69 129.8 27.8 41.6#
84 100.7 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 57.077 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013988.D
Acq: 02 Jun 2023 14:33

Tgt Ion: 65 Resp: 118711
Ion Ratio Lower Upper
65 100
67 50.4 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: VY013988.D

Acq: 02 Jun 2023 14:33

Instrument :

MSVOA_Y

ClientSampleId :

ORA-1644

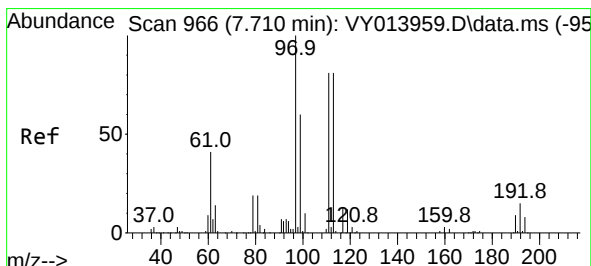
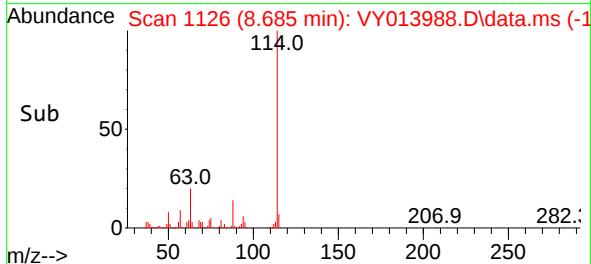
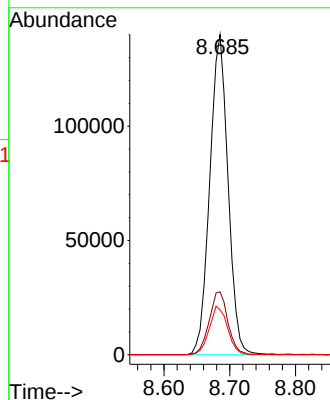
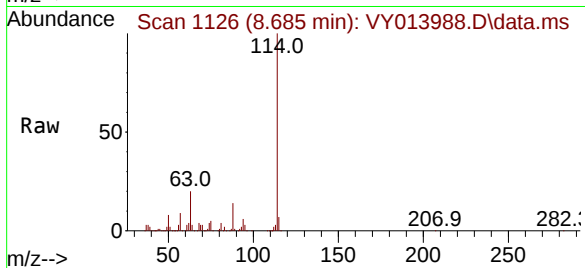
Tgt Ion:114 Resp: 270027

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

88 14.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.997 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY013988.D

Acq: 02 Jun 2023 14:33

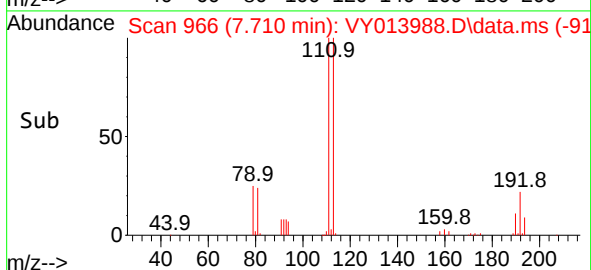
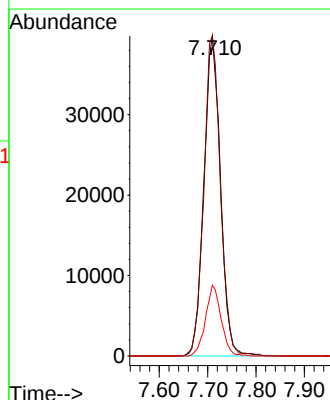
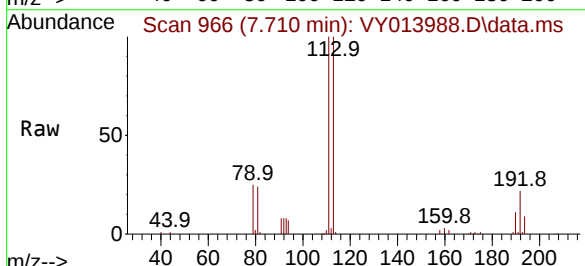
Tgt Ion:113 Resp: 94378

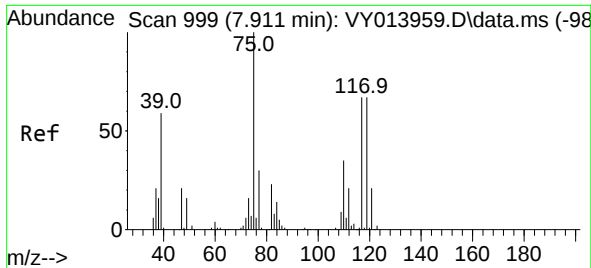
Ion Ratio Lower Upper

113 100

111 100.5 81.3 121.9

192 20.8 16.9 25.3

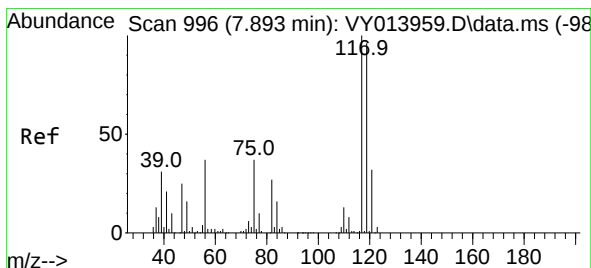
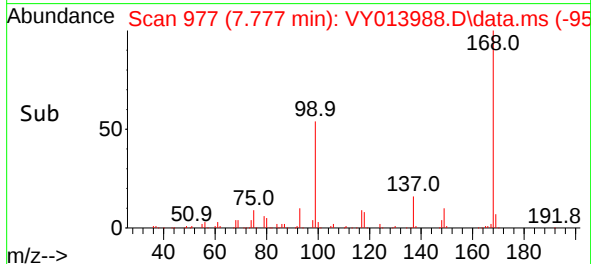
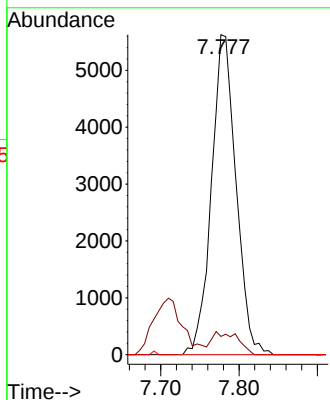
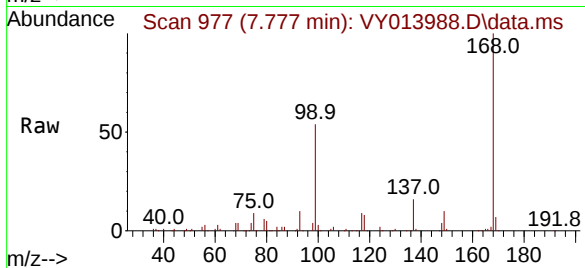




#36
1,1-Dichloropropene
Concen: 5.024 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY013988.D
Acq: 02 Jun 2023 14:33

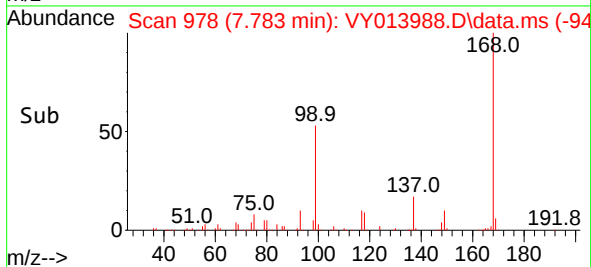
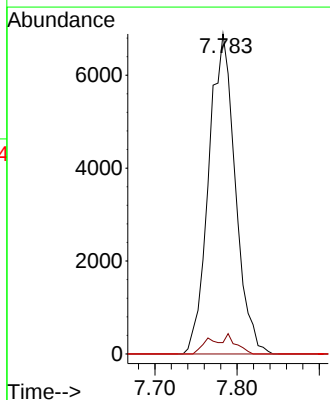
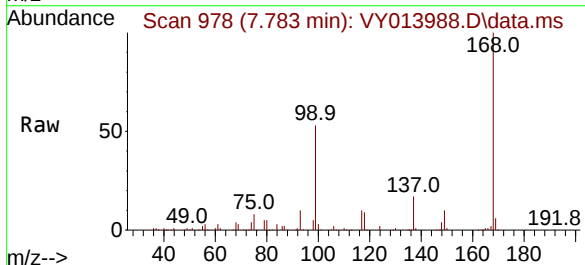
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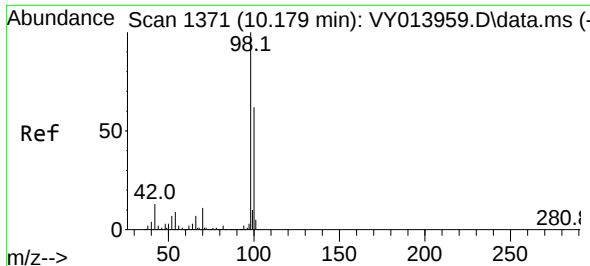
Tgt Ion: 75 Resp: 12283
Ion Ratio Lower Upper
75 100
110 7.4 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.653 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY013988.D
Acq: 02 Jun 2023 14:33

Tgt Ion: 117 Resp: 15488
Ion Ratio Lower Upper
117 100
119 3.6 76.4 114.6#
121 0.0 25.8 38.6#

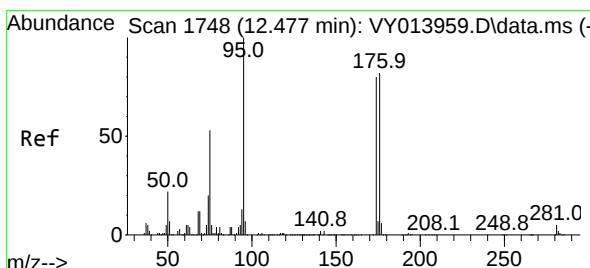
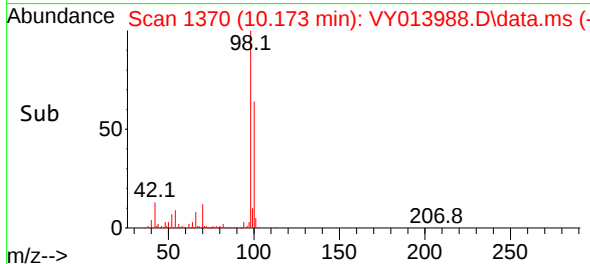
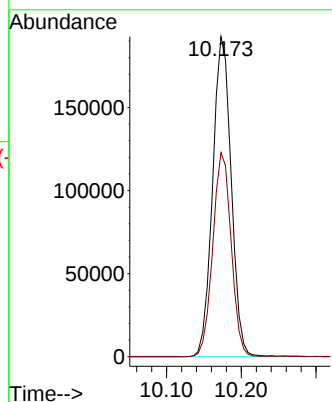
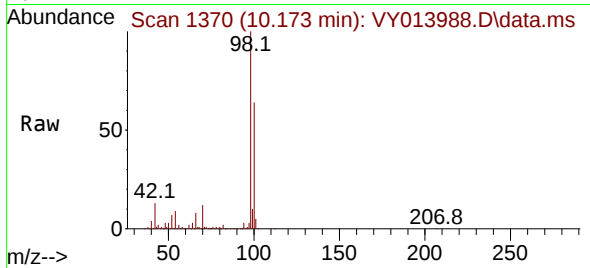




#50
Toluene-d8
Concen: 50.727 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013988.D
Acq: 02 Jun 2023 14:33

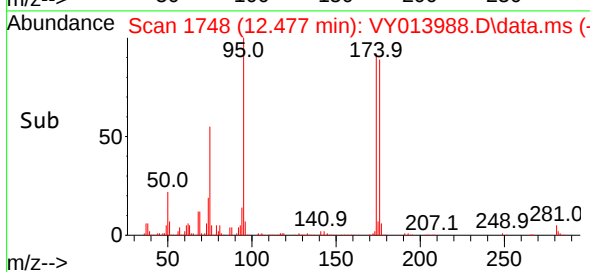
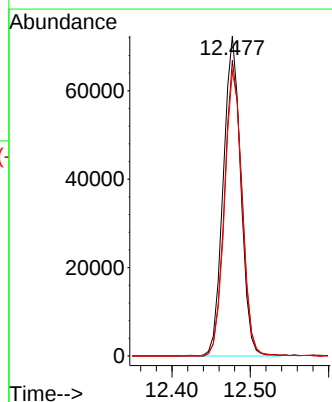
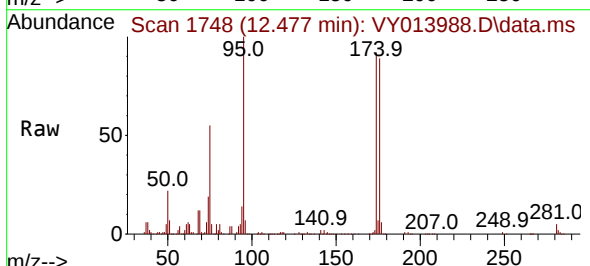
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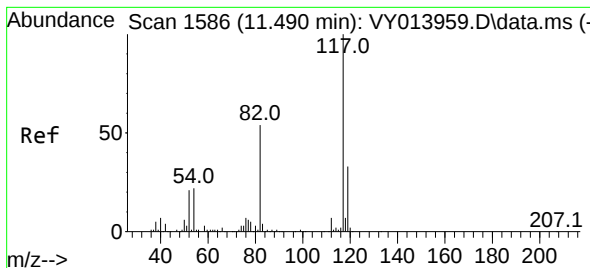
Tgt Ion: 98 Resp: 332047
Ion Ratio Lower Upper
98 100
100 63.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.370 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013988.D
Acq: 02 Jun 2023 14:33

Tgt Ion: 95 Resp: 112404
Ion Ratio Lower Upper
95 100
174 92.1 0.0 178.2
176 89.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013988.D

Acq: 02 Jun 2023 14:33

Instrument :

MSVOA_Y

ClientSampleId :

ORA-1644

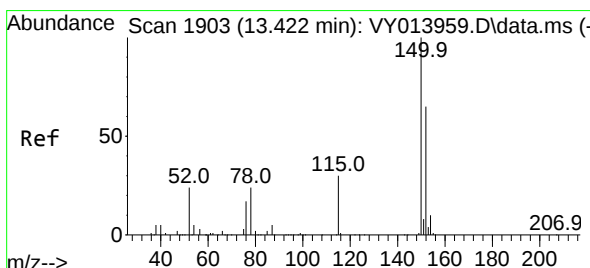
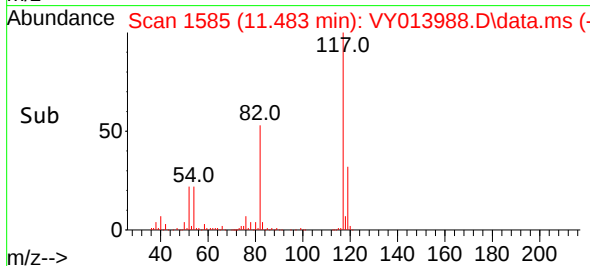
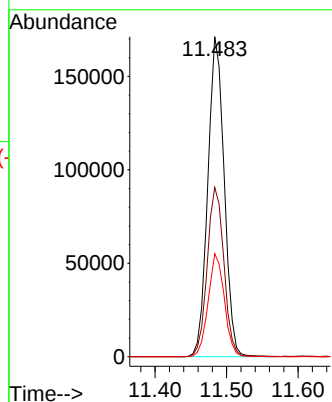
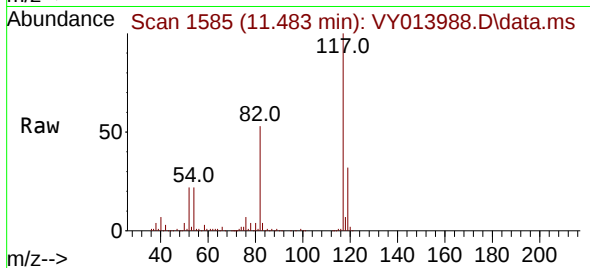
Tgt Ion:117 Resp: 272653

Ion Ratio Lower Upper

117 100

82 52.9 43.4 65.0

119 32.2 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: VY013988.D

Acq: 02 Jun 2023 14:33

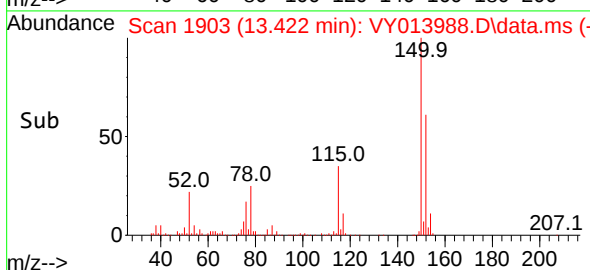
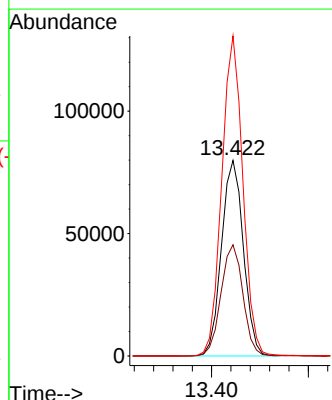
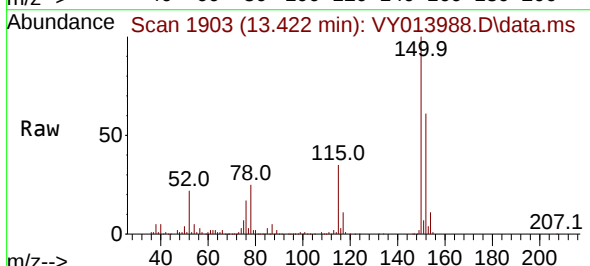
Tgt Ion:152 Resp: 125359

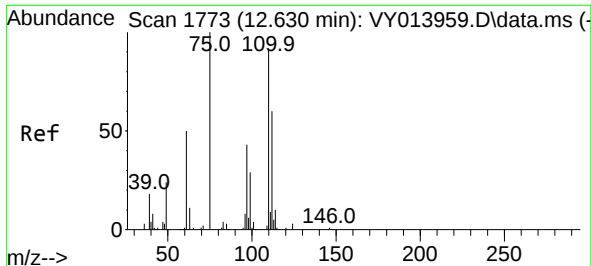
Ion Ratio Lower Upper

152 100

115 57.0 28.8 86.5

150 157.7 0.0 348.8

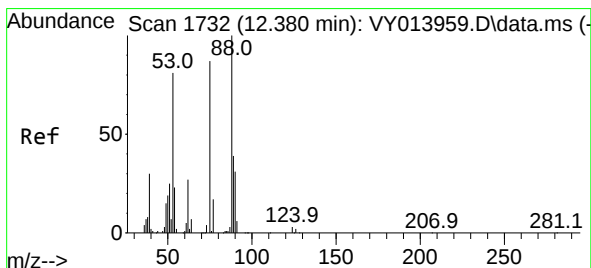
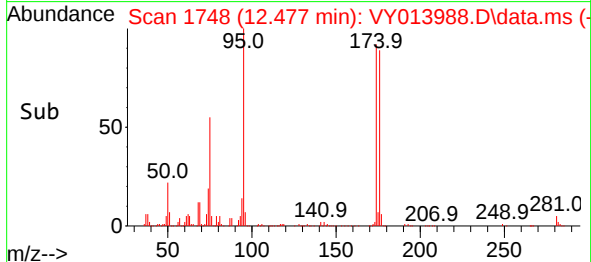
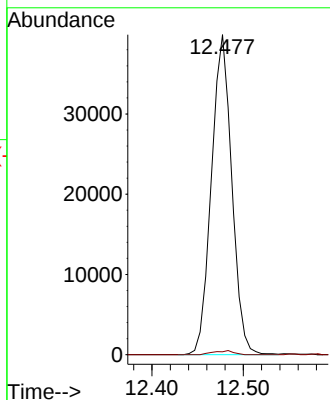
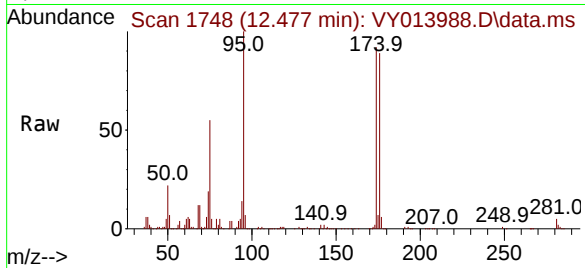




#76
1,2,3-Trichloropropane
Concen: 36.611 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY013988.D
Acq: 02 Jun 2023 14:33

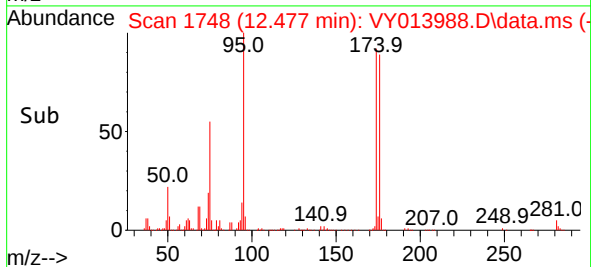
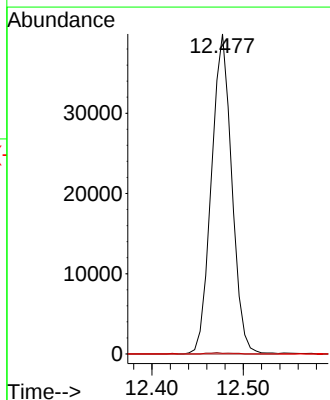
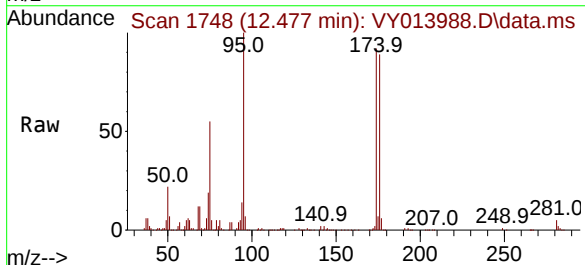
Instrument :
MSVOA_Y
ClientSampleId :
ORA-1644

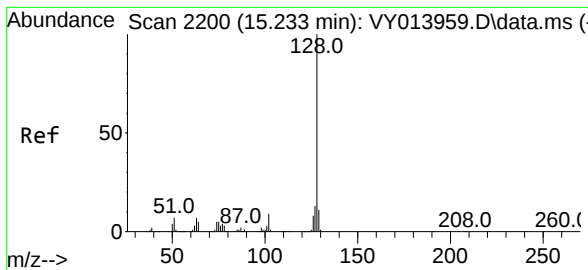
Tgt Ion: 75 Resp: 61760
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.669 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY013988.D
Acq: 02 Jun 2023 14:33

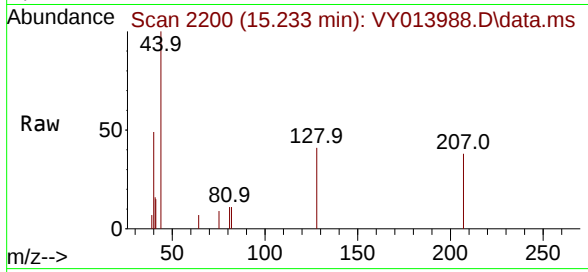
Tgt Ion: 75 Resp: 61760
Ion Ratio Lower Upper
75 100
53 0.4 77.8 116.8#
89 0.0 37.4 56.0#





#95
Naphthalene
Concen: 3.934 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY013988.D
Acq: 02 Jun 2023 14:33

Instrument :
MSVOA_Y
ClientSampleId :
ORA-1644



Tgt Ion:	128	Resp:	335
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.8	16.2#
129	0.0	8.6	13.0#

