

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052423\
 Data File : VY013856.D
 Acq On : 24 May 2023 19:06
 Operator : KP/MD
 Sample : 02908-04
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB09

Quant Time: May 25 07:10:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

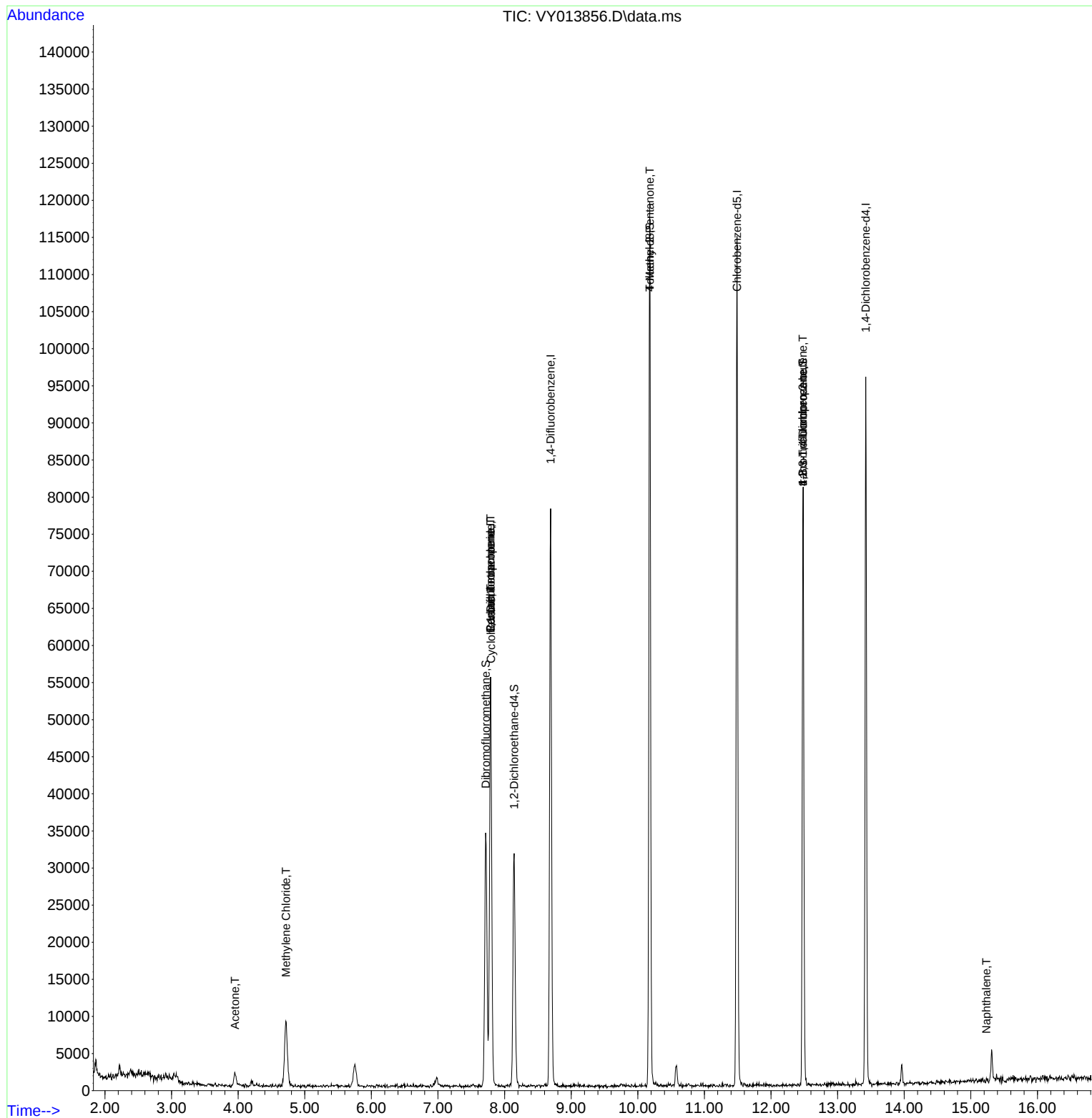
Internal Standards						
1) Pentafluorobenzene	7.789	168	41925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	64406	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	61893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	24797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	26035	53.677	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.360%	
35) Dibromofluoromethane	7.716	113	23554	56.629	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.260%	
50) Toluene-d8	10.179	98	78278	49.517	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.040%	
62) 4-Bromofluorobenzene	12.477	95	21710	41.315	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 82.640%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	3157	21.930	ug/l	91
20) Methylene Chloride	4.716	84	6401	10.536	ug/l #	87
31) Cyclohexane	7.795	56	1061	1.424	ug/l #	60
36) 1,1-Dichloropropene	7.789	75	3191	5.037	ug/l #	50
38) Carbon Tetrachloride	7.789	117	4238	5.882	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	482	1.284	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	12109	41.414	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	12109	89.897	ug/l #	10
95) Naphthalene	15.233	128	143	4.672	ug/l #	68

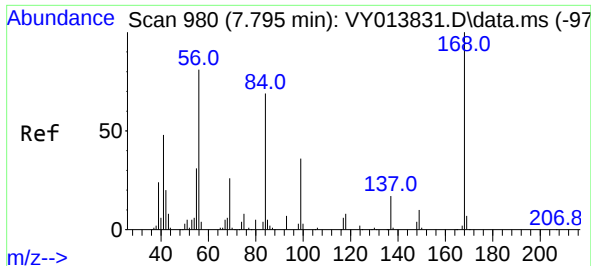
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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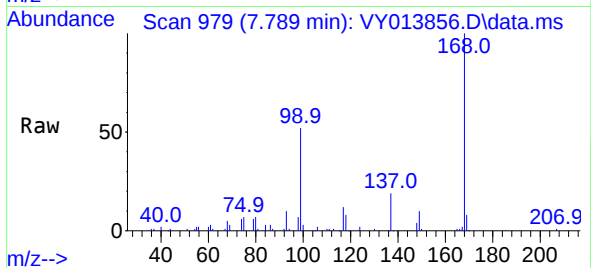
Quant Time: May 25 07:10:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
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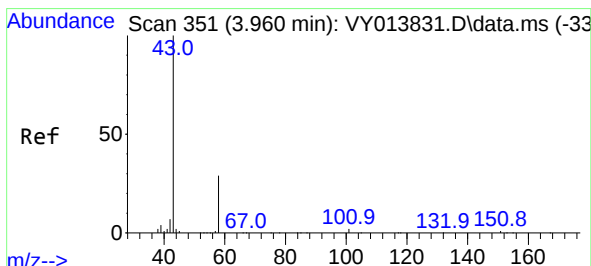
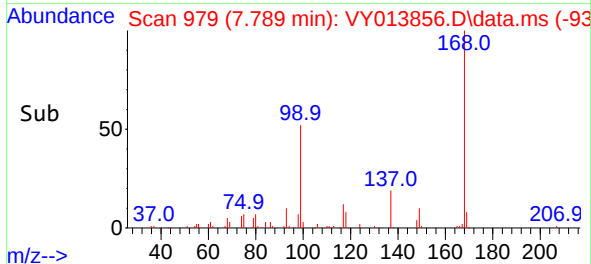
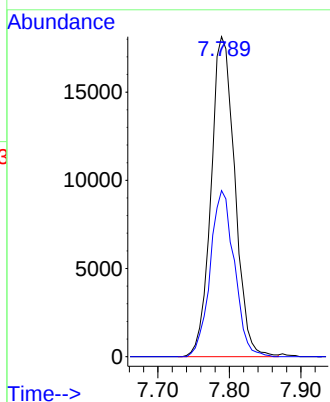


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013856.D
Acq: 24 May 2023 19:06

Instrument :
MSVOA_Y
ClientSampleId :
SB09

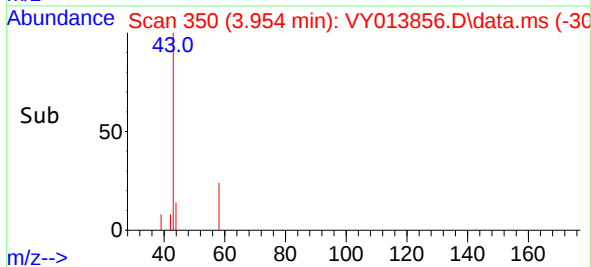
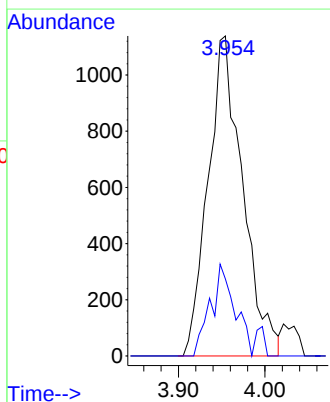
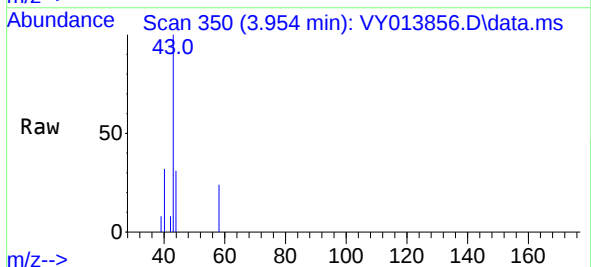


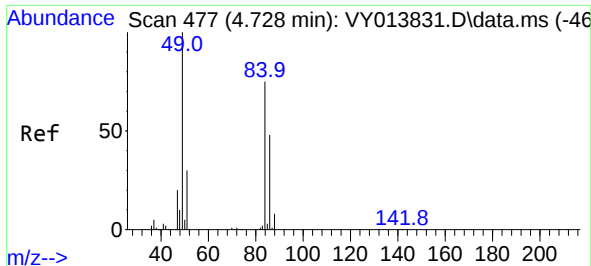
Tgt Ion:168 Resp: 41925
Ion Ratio Lower Upper
168 100
99 51.9 43.4 65.2



#16
Acetone
Concen: 21.930 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY013856.D
Acq: 24 May 2023 19:06

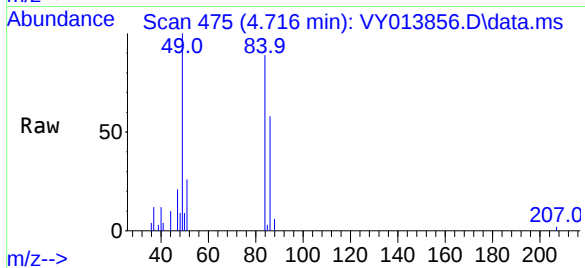
Tgt Ion: 43 Resp: 3157
Ion Ratio Lower Upper
43 100
58 24.1 23.3 34.9



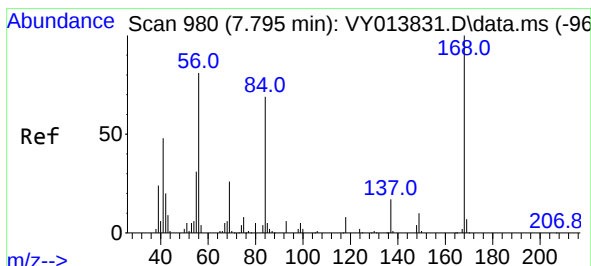
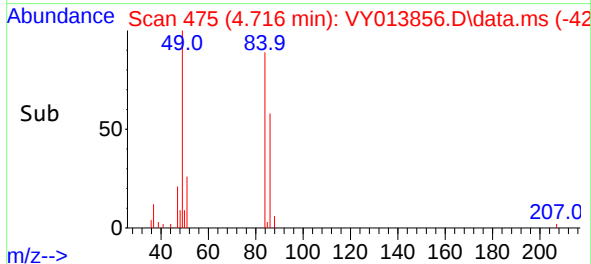
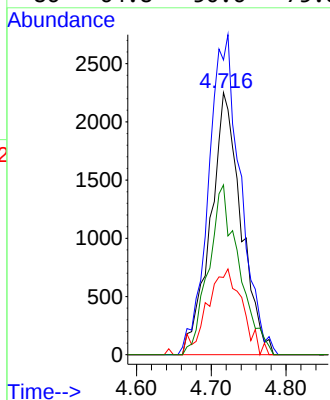


#20
Methylene Chloride
Concen: 10.536 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY013856.D
Acq: 24 May 2023 19:06

Instrument :
MSVOA_Y
ClientSampleId :
SB09

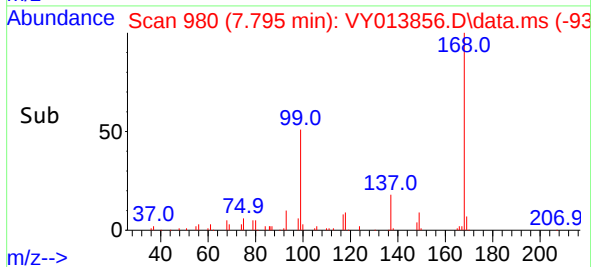
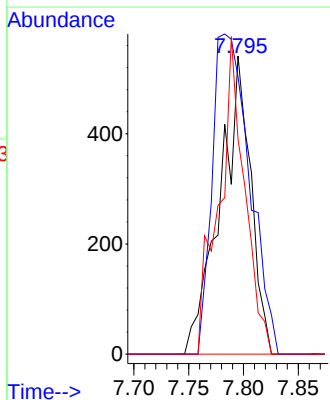
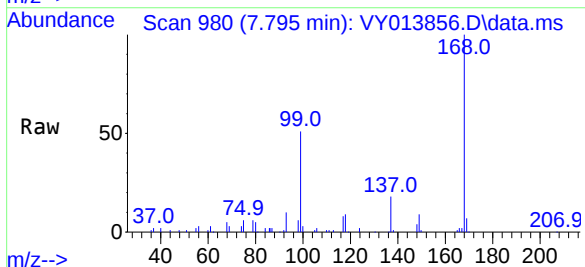


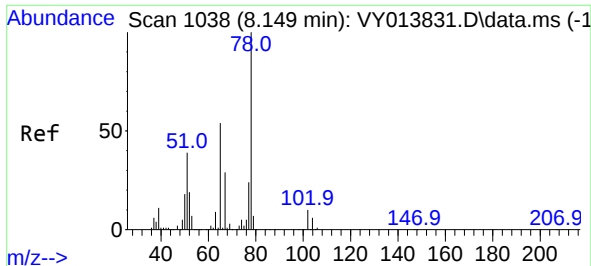
Tgt Ion: 84 Resp: 6401
Ion Ratio Lower Upper
84 100
49 112.5 106.2 159.2
51 29.5 31.4 47.0#
86 64.8 50.6 75.8



#31
Cyclohexane
Concen: 1.424 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY013856.D
Acq: 24 May 2023 19:06

Tgt Ion: 56 Resp: 1061
Ion Ratio Lower Upper
56 100
69 93.0 25.8 38.8#
84 72.1 68.2 102.2





#33

1,2-Dichloroethane-d4

Concen: 53.677 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY013856.D

Acq: 24 May 2023 19:06

Instrument :

MSVOA_Y

ClientSampleId :

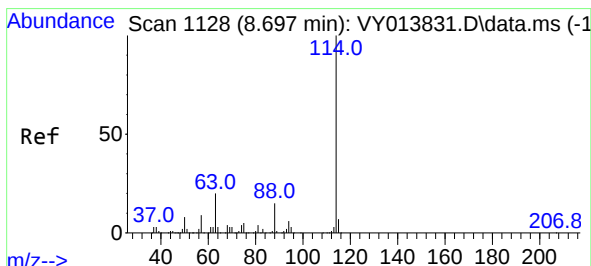
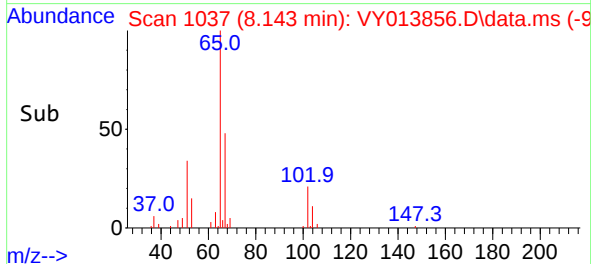
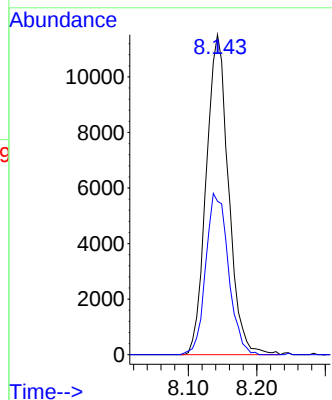
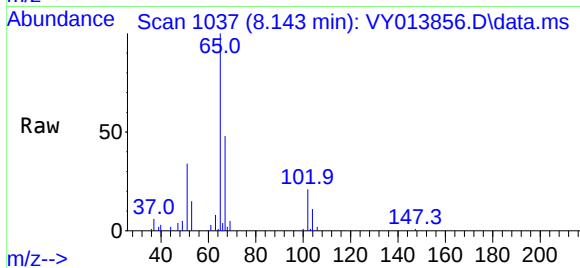
SB09

Tgt Ion: 65 Resp: 26035

Ion Ratio Lower Upper

65 100

67 51.2 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY013856.D

Acq: 24 May 2023 19:06

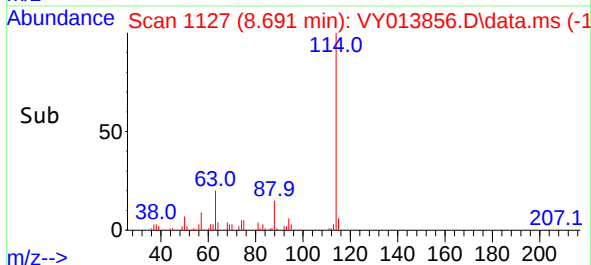
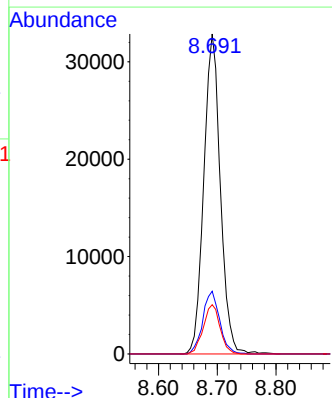
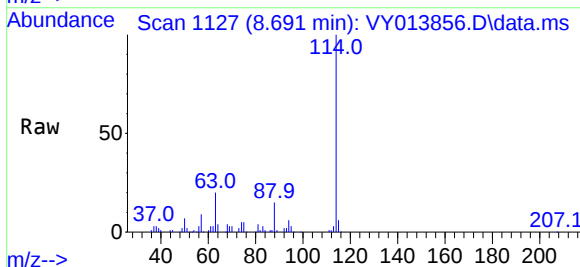
Tgt Ion: 114 Resp: 64406

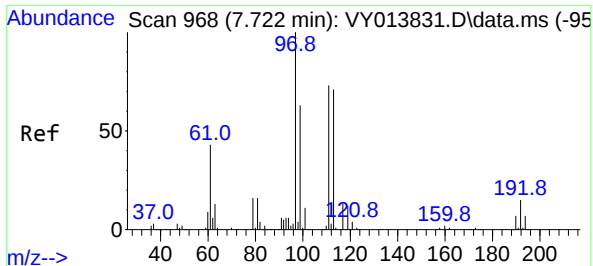
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.2

88 15.4 0.0 30.0





#35

Dibromofluoromethane

Concen: 56.629 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY013856.D

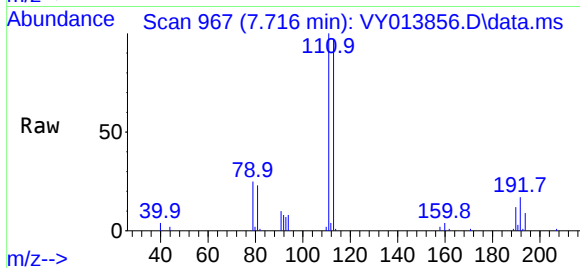
Acq: 24 May 2023 19:06

Instrument :

MSVOA_Y

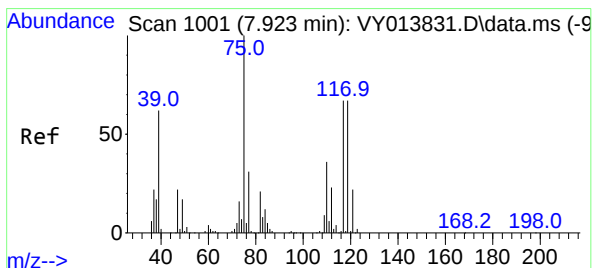
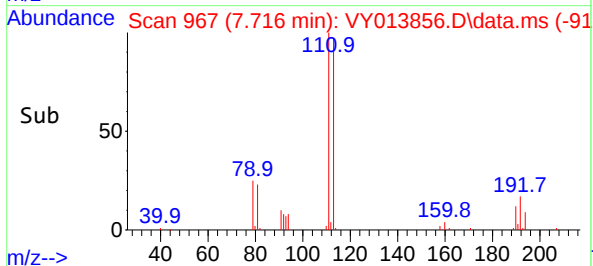
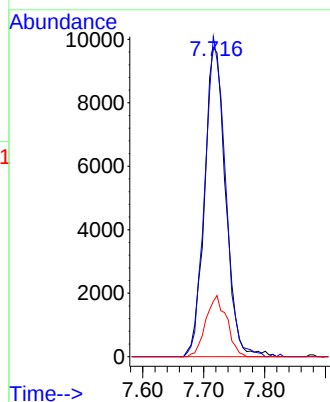
ClientSampleId :

SB09



Tgt Ion:113 Resp: 23554

Ion	Ratio	Lower	Upper
113	100		
111	100.5	80.4	120.6
192	19.6	16.6	25.0



#36

1,1-Dichloropropene

Concen: 5.037 ug/l

RT: 7.789 min Scan# 979

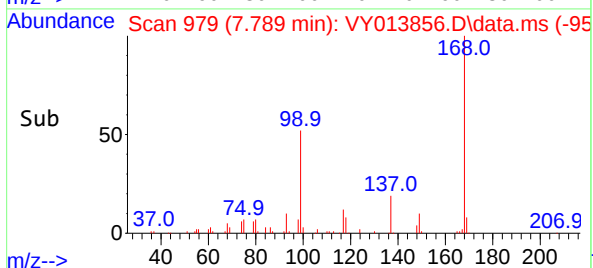
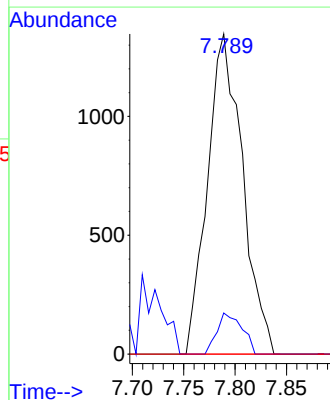
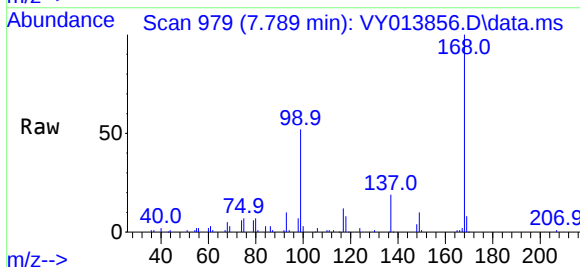
Delta R.T. -0.134 min

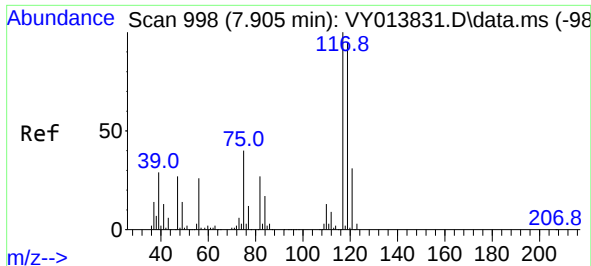
Lab File: VY013856.D

Acq: 24 May 2023 19:06

Tgt Ion: 75 Resp: 3191

Ion	Ratio	Lower	Upper
75	100		
110	9.2	17.5	52.6#
77	0.0	24.4	36.6#

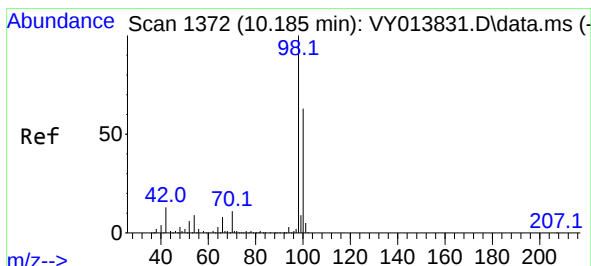
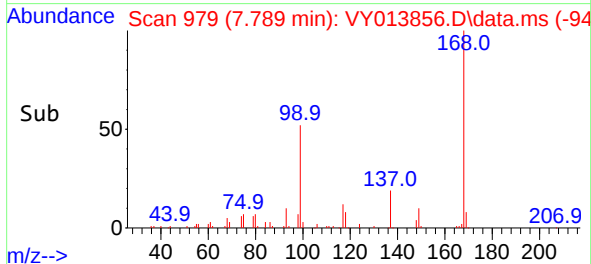
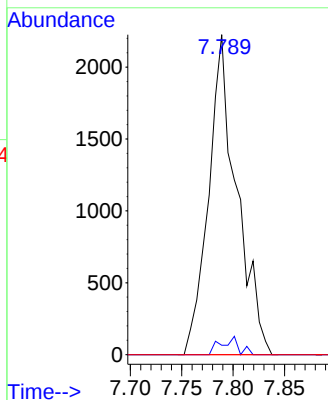
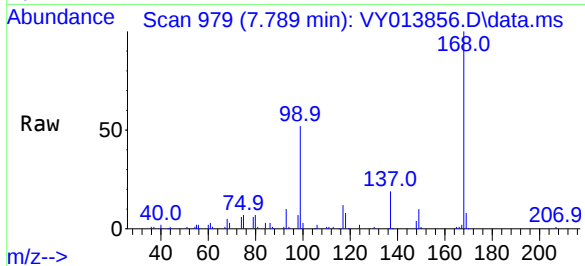




#38
Carbon Tetrachloride
Concen: 5.882 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013856.D
Acq: 24 May 2023 19:06

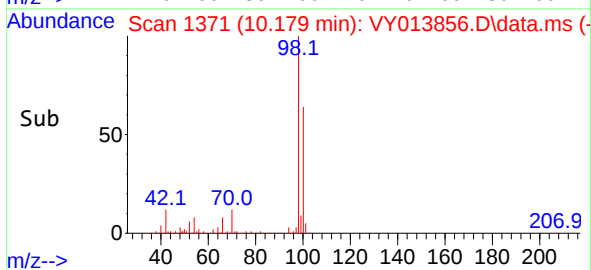
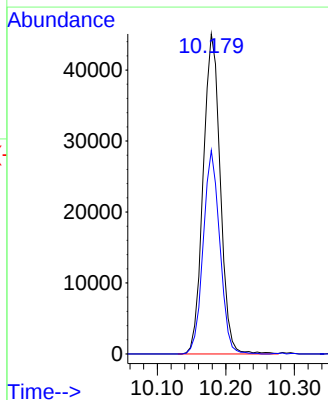
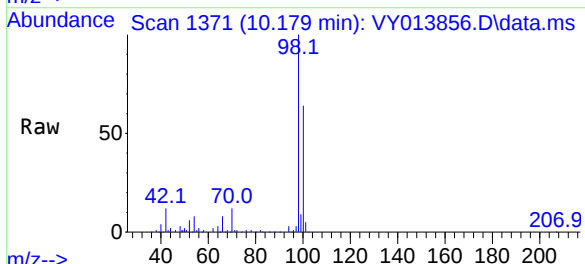
Instrument :
MSVOA_Y
ClientSampleId :
SB09

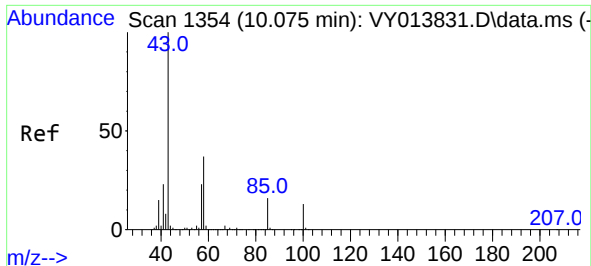
Tgt Ion:117 Resp: 4238
Ion Ratio Lower Upper
117 100
119 2.9 75.6 113.4#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.517 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013856.D
Acq: 24 May 2023 19:06

Tgt Ion: 98 Resp: 78278
Ion Ratio Lower Upper
98 100
100 61.6 50.8 76.2

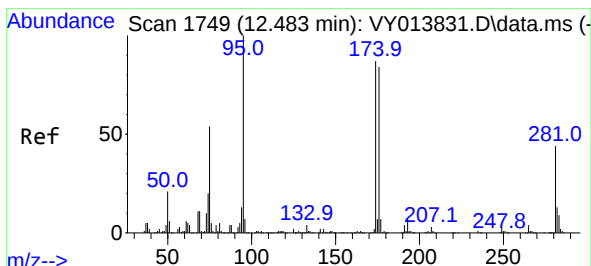
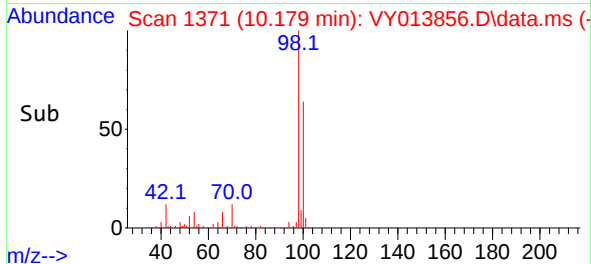
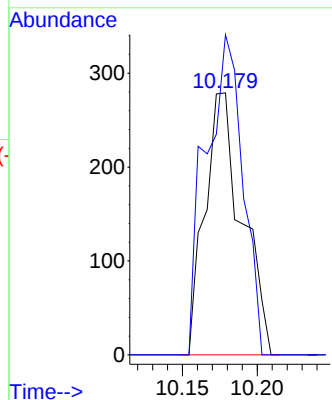
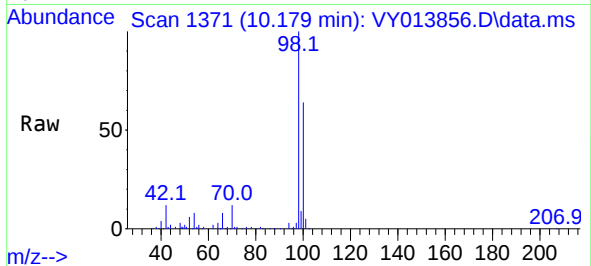




#51
4-Methyl-2-Pentanone
Concen: 1.284 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY013856.D
Acq: 24 May 2023 19:06

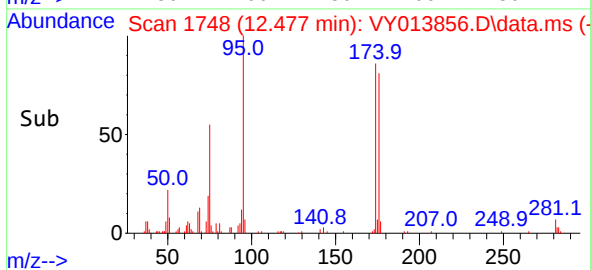
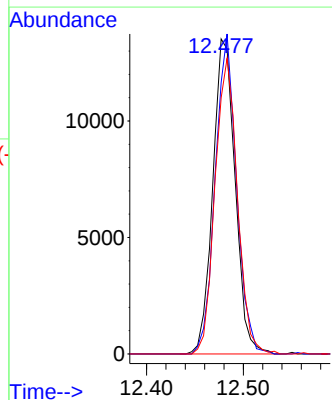
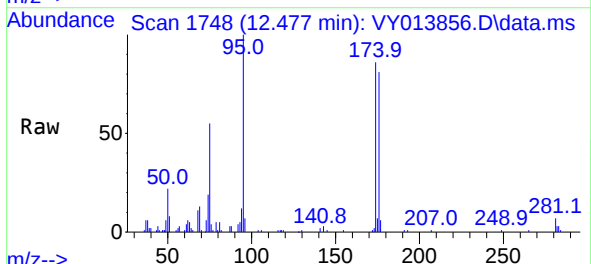
Instrument :
MSVOA_Y
ClientSampleId :
SB09

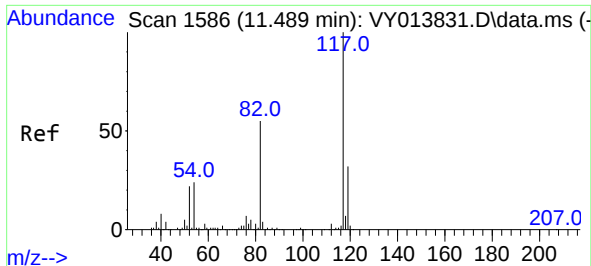
Tgt Ion: 43 Resp: 482
Ion Ratio Lower Upper
43 100
58 121.6 29.1 43.7#



#62
4-Bromofluorobenzene
Concen: 41.315 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013856.D
Acq: 24 May 2023 19:06

Tgt Ion: 95 Resp: 21710
Ion Ratio Lower Upper
95 100
174 96.7 0.0 176.0
176 93.6 0.0 170.2

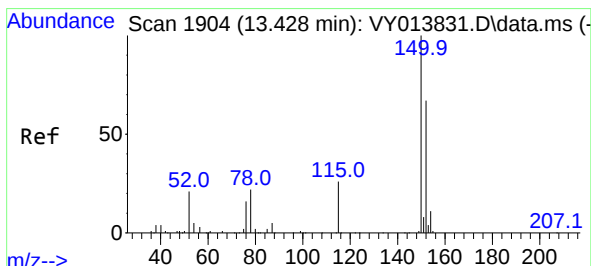
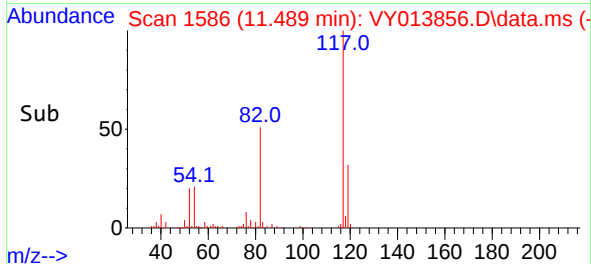
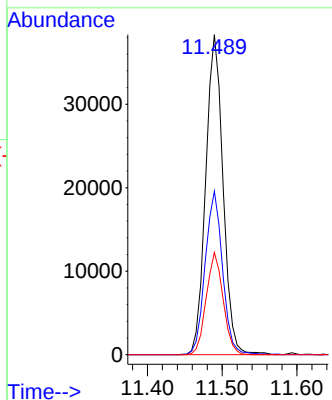
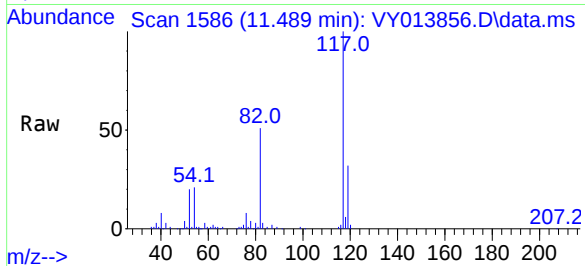




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013856.D
Acq: 24 May 2023 19:06

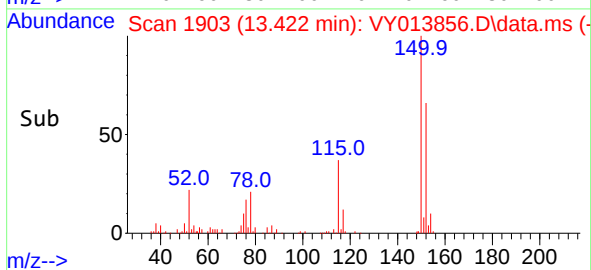
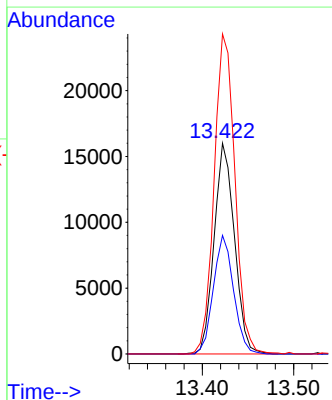
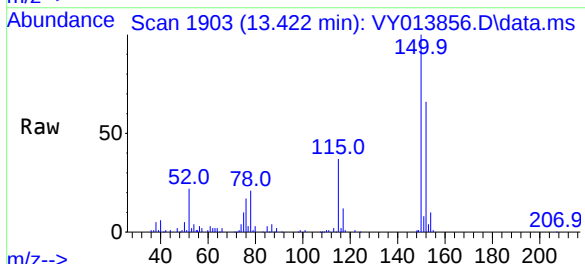
Instrument :
MSVOA_Y
ClientSampleId :
SB09

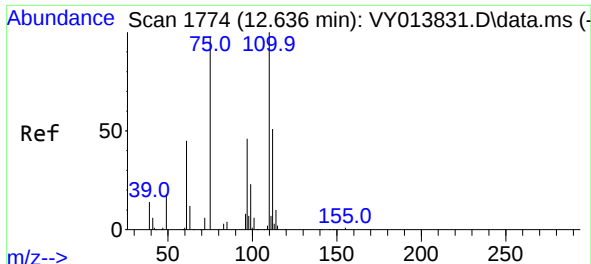
Tgt Ion:	117	Resp:	61893
Ion Ratio	Lower	Upper	
117	100		
82	51.1	44.2	66.4
119	32.0	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013856.D
Acq: 24 May 2023 19:06

Tgt Ion:	152	Resp:	24797
Ion Ratio	Lower	Upper	
152	100		
115	55.8	28.8	86.5
150	155.2	0.0	353.4

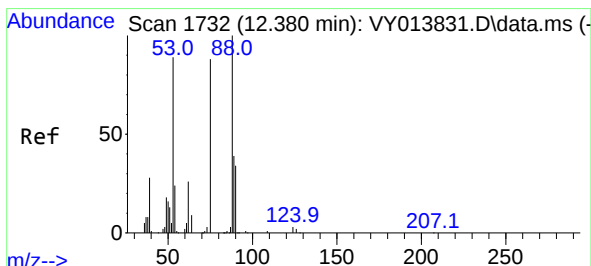
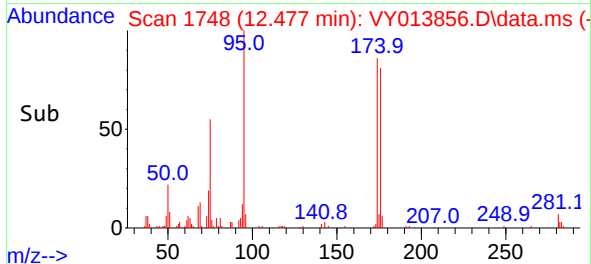
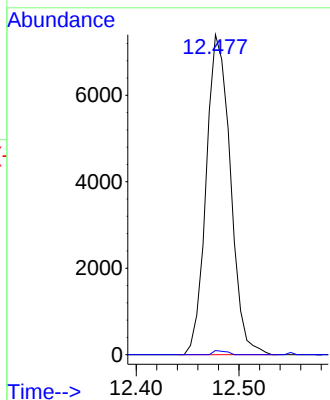
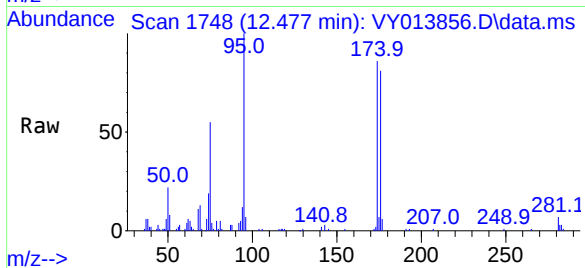




#76
1,2,3-Trichloropropane
Concen: 41.414 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY013856.D
Acq: 24 May 2023 19:06

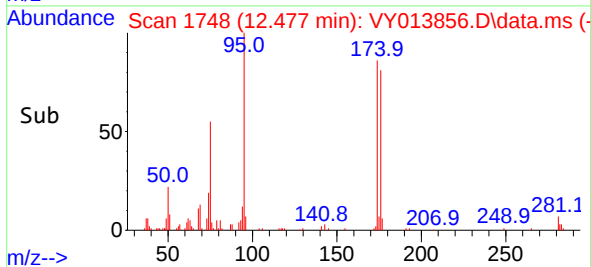
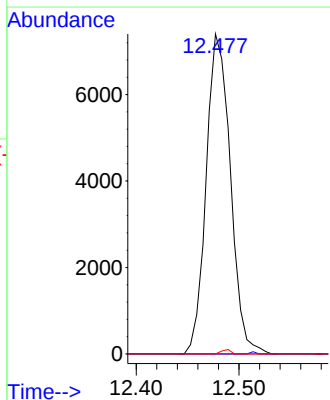
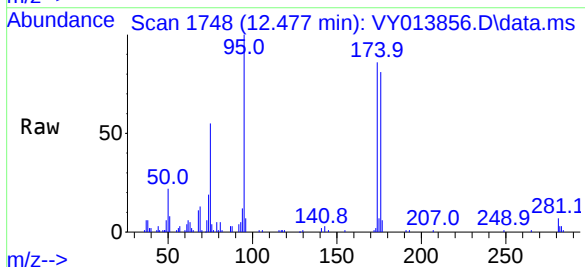
Instrument :
MSVOA_Y
ClientSampleId :
SB09

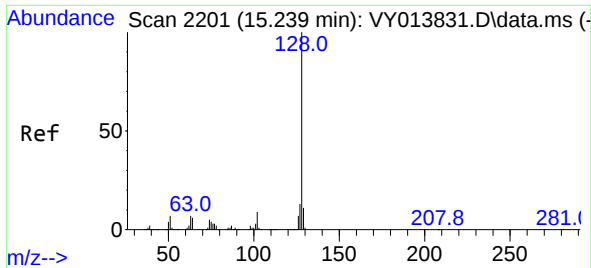
Tgt Ion: 75 Resp: 12109
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.897 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY013856.D
Acq: 24 May 2023 19:06

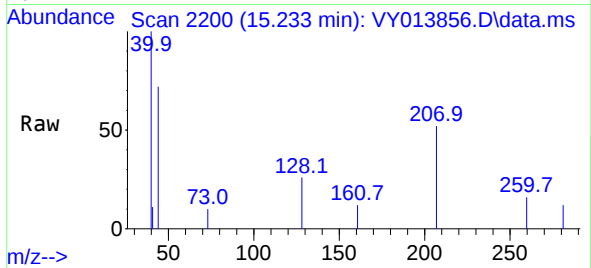
Tgt Ion: 75 Resp: 12109
Ion Ratio Lower Upper
75 100
53 0.0 79.7 119.5#
89 0.5 36.4 54.6#





#95
Naphthalene
Concen: 4.672 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY013856.D
Acq: 24 May 2023 19:06

Instrument :
MSVOA_Y
ClientSampleId :
SB09



Tgt Ion:128 Resp: 143
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 9.0 13.4#

