

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052423\
 Data File : VY013857.D
 Acq On : 24 May 2023 19:29
 Operator : KP/MD
 Sample : 02908-06
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUP01

Quant Time: May 25 07:10:15 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)

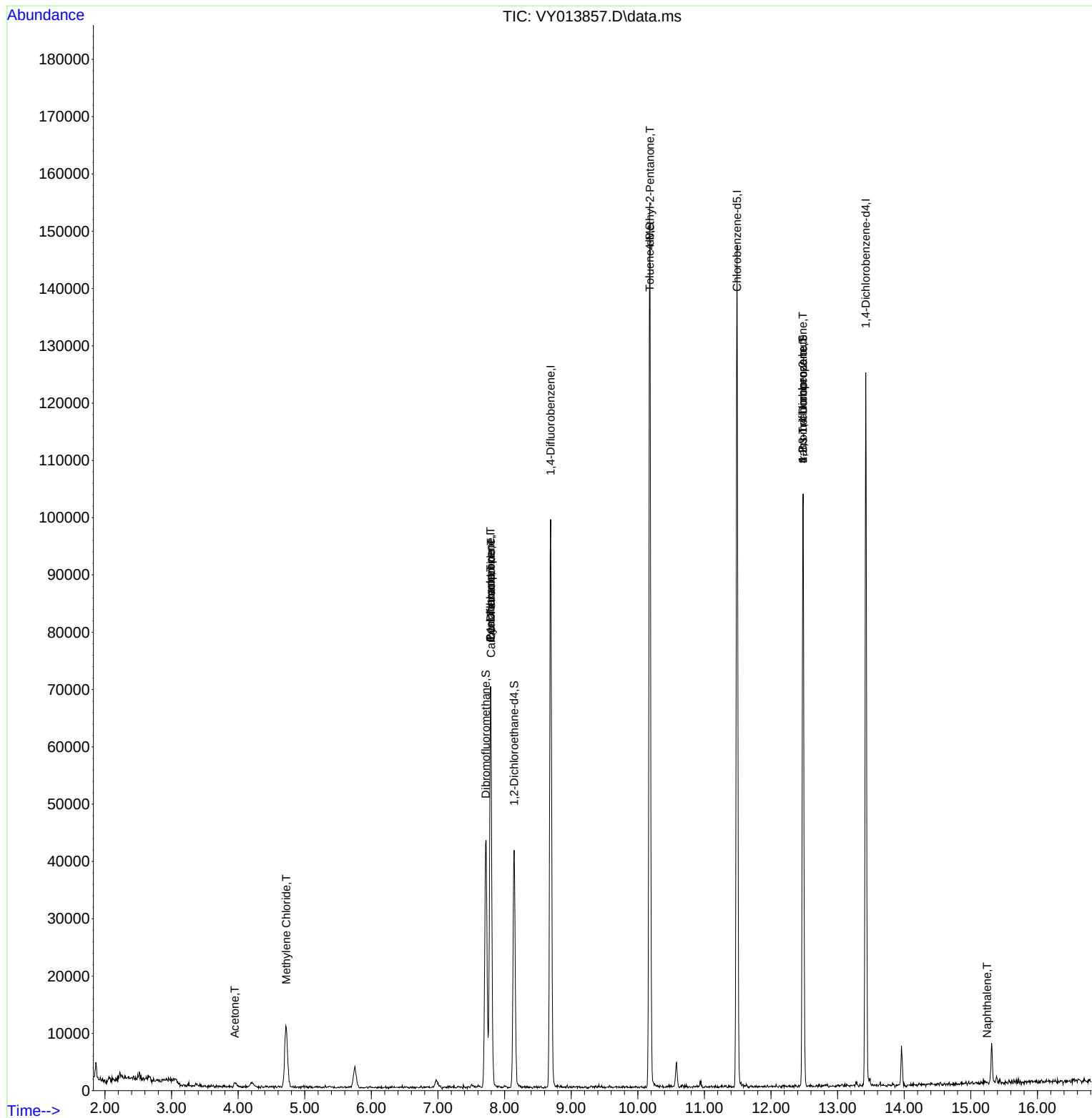
Internal Standards						
1) Pentafluorobenzene	7.789	168	53469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	83332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	78988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	31783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	34640	55.999	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	112.000%	
35) Dibromofluoromethane	7.716	113	30796	57.224	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	114.440%	
50) Toluene-d8	10.179	98	100281	49.028	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	98.060%	
62) 4-Bromofluorobenzene	12.477	95	28679	42.182	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	84.360%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	1424	7.756	ug/l	100
20) Methylene Chloride	4.722	84	7890	10.093	ug/l	88
31) Cyclohexane	7.789	56	1458	1.534	ug/l #	31
36) 1,1-Dichloropropene	7.789	75	4064	4.958	ug/l #	49
38) Carbon Tetrachloride	7.795	117	5398	5.791	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	592	1.219	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	15357	40.978	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	15357	88.950	ug/l #	10
95) Naphthalene	15.245	128	48	4.581	ug/l #	68

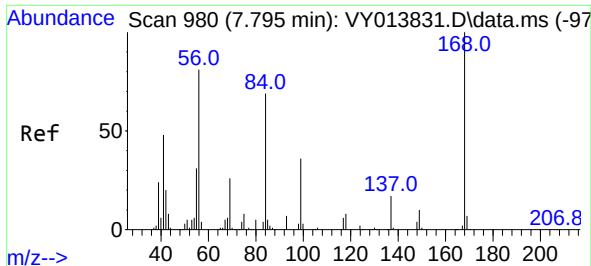
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

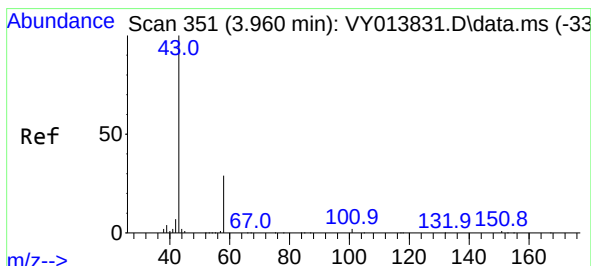
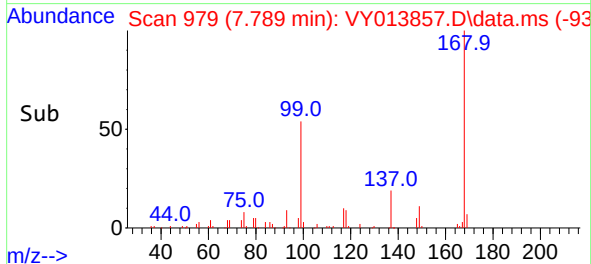
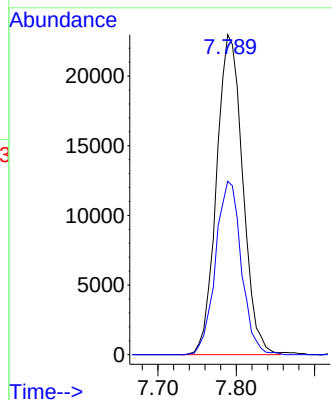
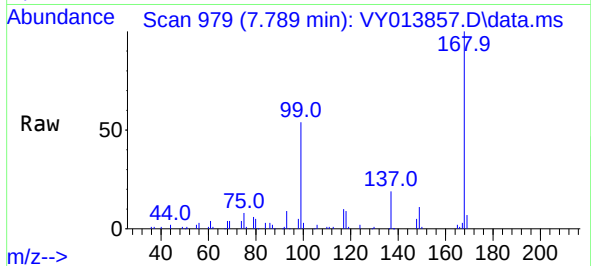




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013857.D
Acq: 24 May 2023 19:29

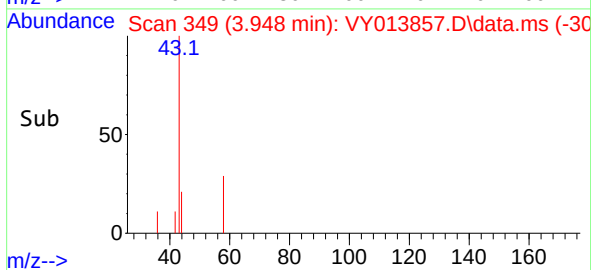
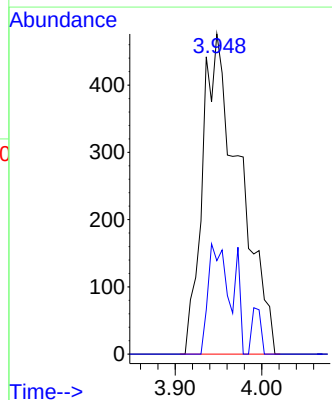
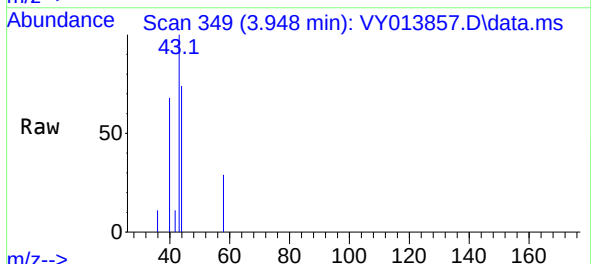
Instrument :
MSVOA_Y
ClientSampleId :
DUP01

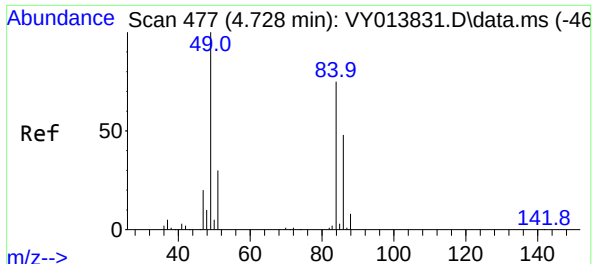
Tgt Ion:168 Resp: 53469
Ion Ratio Lower Upper
168 100
99 54.2 43.4 65.2



#16
Acetone
Concen: 7.756 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY013857.D
Acq: 24 May 2023 19:29

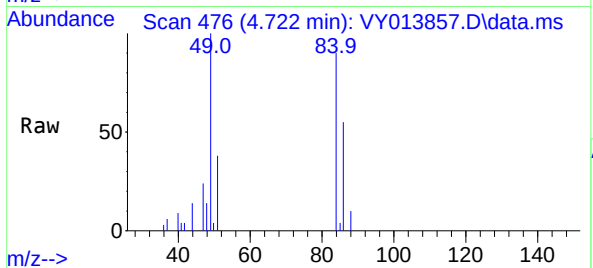
Tgt Ion: 43 Resp: 1424
Ion Ratio Lower Upper
43 100
58 29.2 23.3 34.9





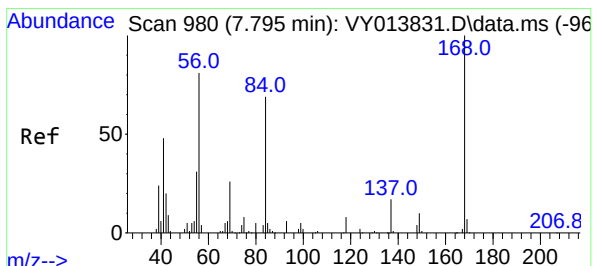
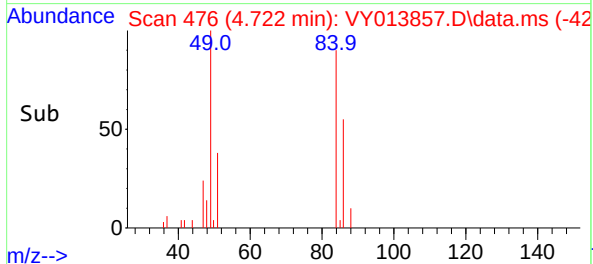
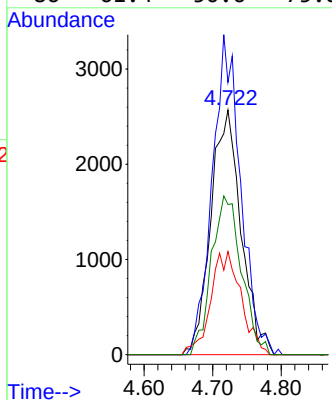
#20
Methylene Chloride
Concen: 10.093 ug/l
RT: 4.722 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013857.D
Acq: 24 May 2023 19:29

Instrument :
MSVOA_Y
ClientSampleId :
DUP01



Tgt Ion: 84 Resp: 7890

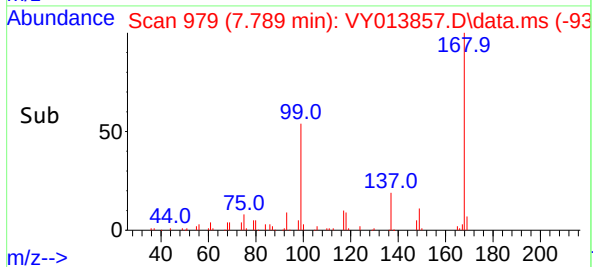
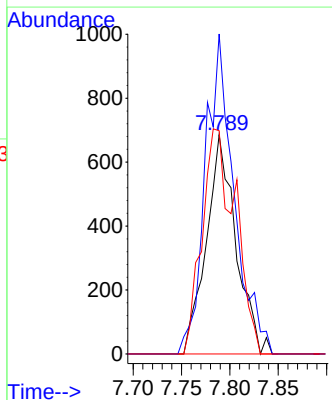
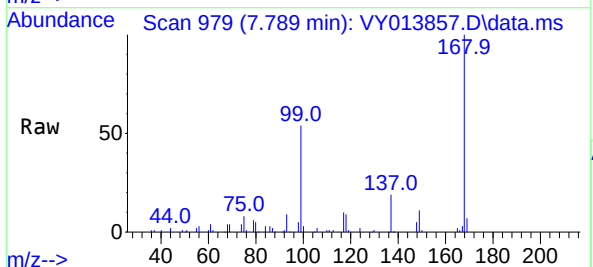
Ion	Ratio	Lower	Upper
84	100		
49	111.3	106.2	159.2
51	42.2	31.4	47.0
86	61.4	50.6	75.8

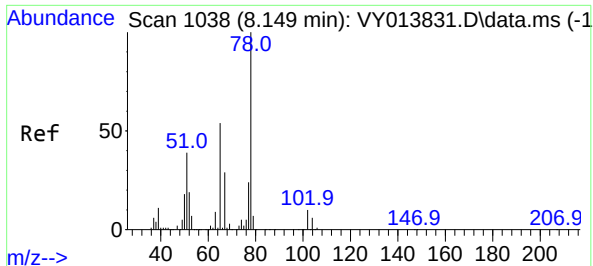


#31
Cyclohexane
Concen: 1.534 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY013857.D
Acq: 24 May 2023 19:29

Tgt Ion: 56 Resp: 1458

Ion	Ratio	Lower	Upper
56	100		
69	145.9	25.8	38.8
84	101.7	68.2	102.2





#33

1,2-Dichloroethane-d4

Concen: 55.999 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY013857.D

Acq: 24 May 2023 19:29

Instrument :

MSVOA_Y

ClientSampleId :

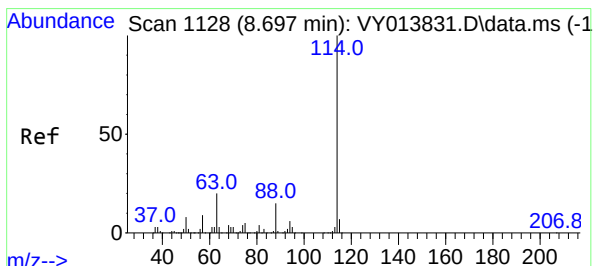
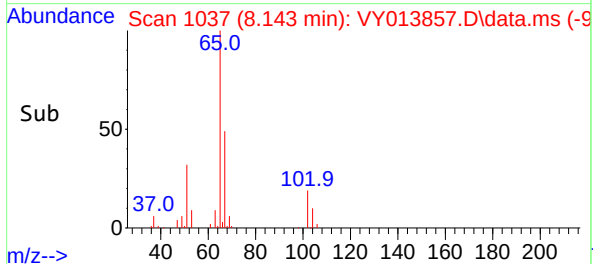
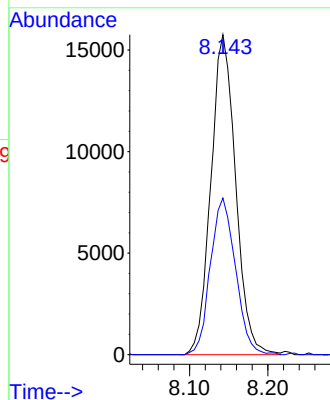
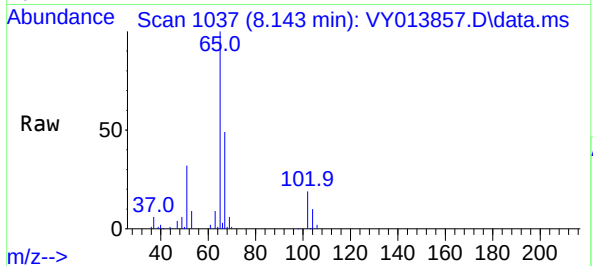
DUP01

Tgt Ion: 65 Resp: 34640

Ion Ratio Lower Upper

65 100

67 49.6 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: VY013857.D

Acq: 24 May 2023 19:29

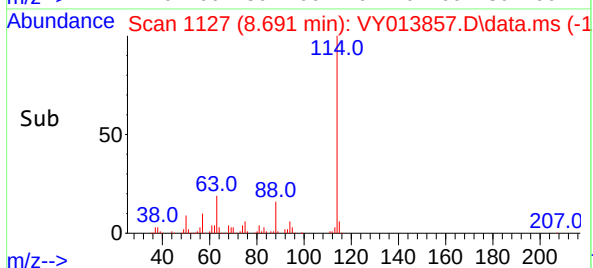
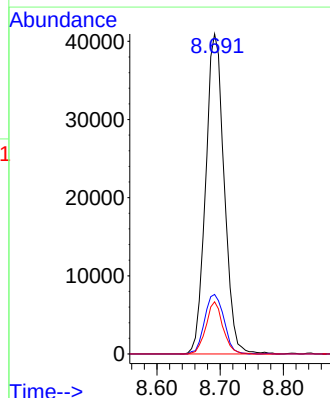
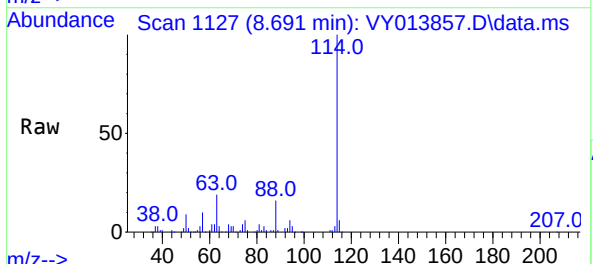
Tgt Ion: 114 Resp: 83332

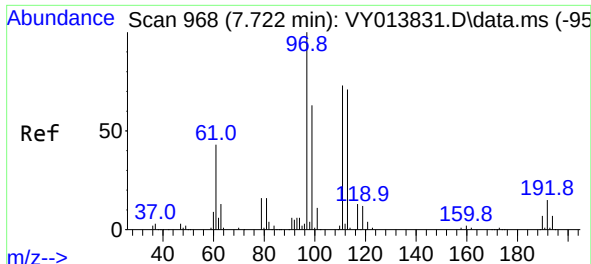
Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.2

88 16.3 0.0 30.0

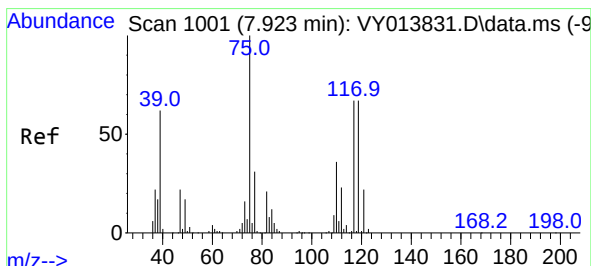
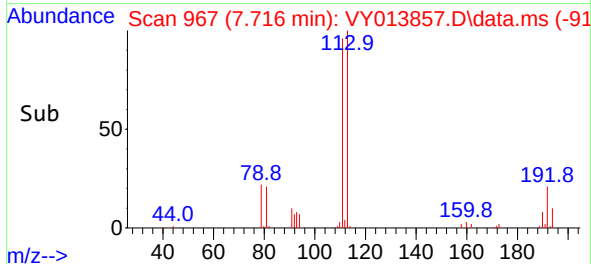
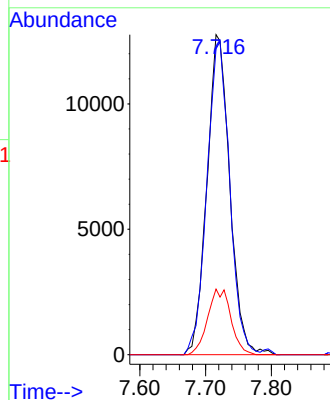
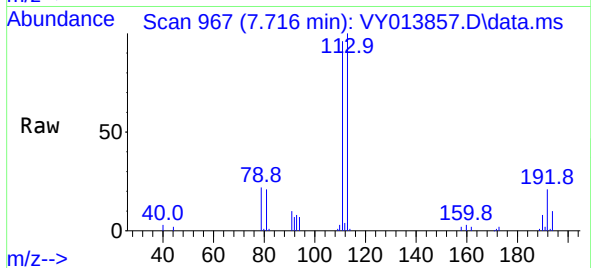




#35
Dibromofluoromethane
Concen: 57.224 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY013857.D
Acq: 24 May 2023 19:29

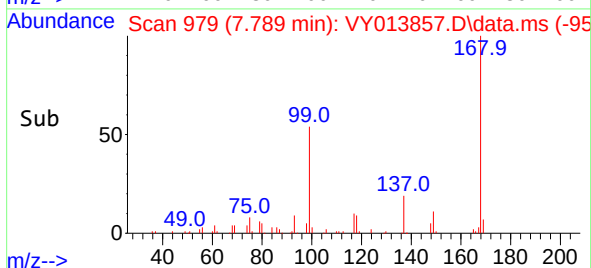
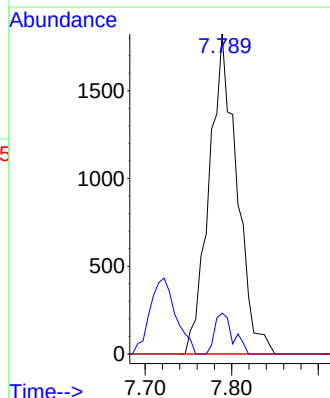
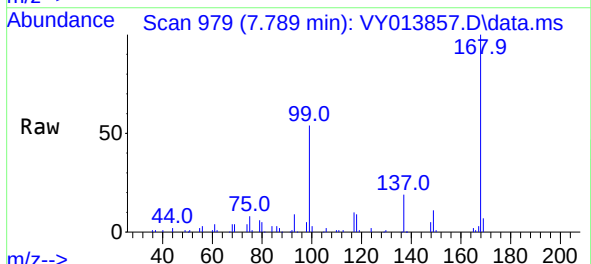
Instrument :
MSVOA_Y
ClientSampleId :
DUP01

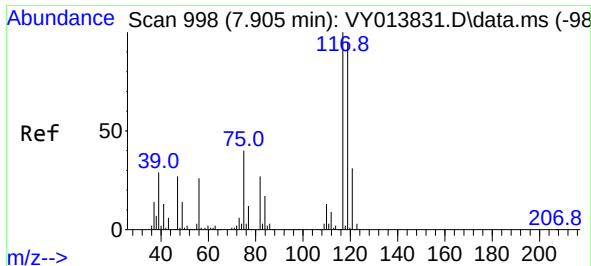
Tgt Ion:113 Resp: 30796
Ion Ratio Lower Upper
113 100
111 97.6 80.4 120.6
192 21.0 16.6 25.0



#36
1,1-Dichloropropene
Concen: 4.958 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY013857.D
Acq: 24 May 2023 19:29

Tgt Ion: 75 Resp: 4064
Ion Ratio Lower Upper
75 100
110 8.3 17.5 52.6#
77 0.0 24.4 36.6#

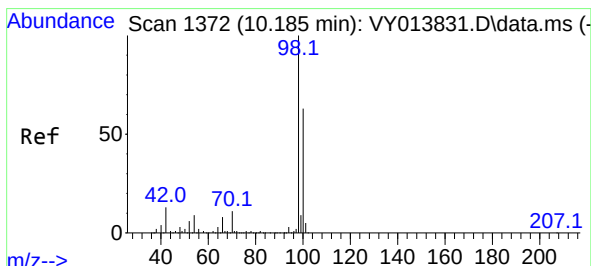
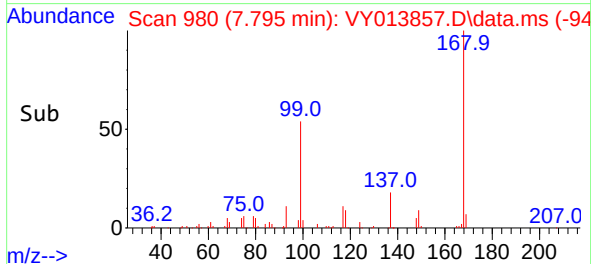
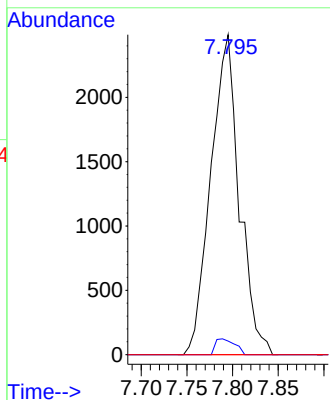
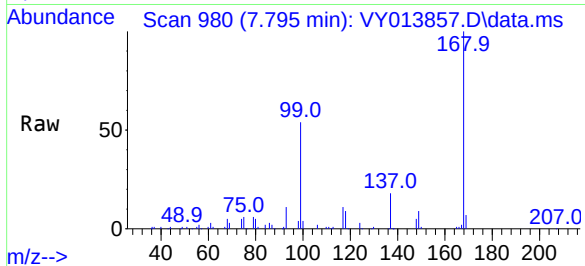




#38
Carbon Tetrachloride
Concen: 5.791 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013857.D
Acq: 24 May 2023 19:29

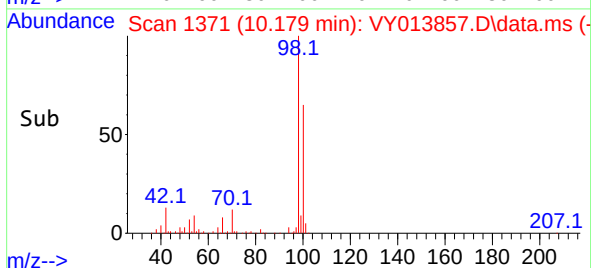
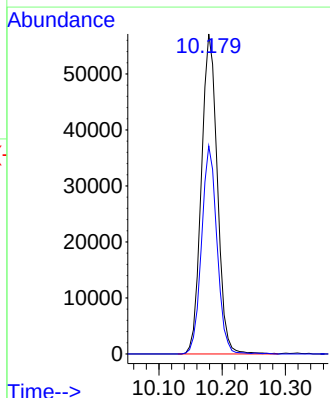
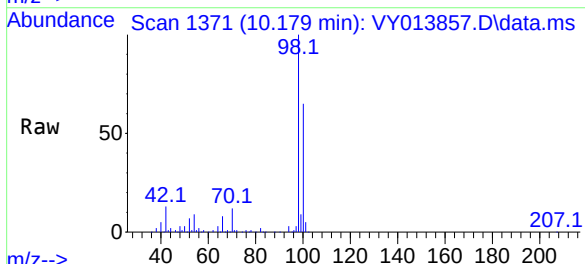
Instrument :
MSVOA_Y
ClientSampleId :
DUP01

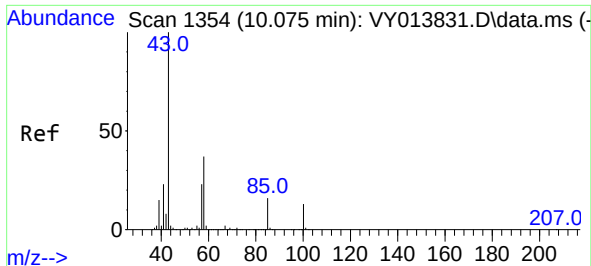
Tgt Ion:117 Resp: 5398
Ion Ratio Lower Upper
117 100
119 4.2 75.6 113.4#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.028 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013857.D
Acq: 24 May 2023 19:29

Tgt Ion: 98 Resp: 100281
Ion Ratio Lower Upper
98 100
100 62.7 50.8 76.2

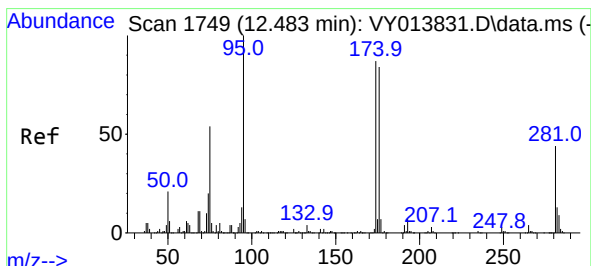
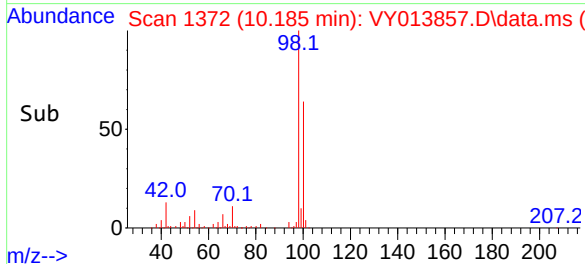
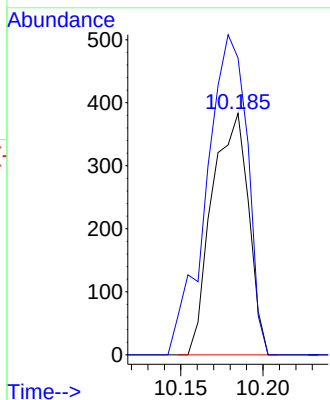
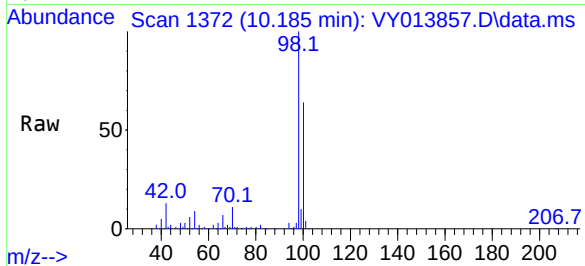




#51
4-Methyl-2-Pentanone
Concen: 1.219 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY013857.D
Acq: 24 May 2023 19:29

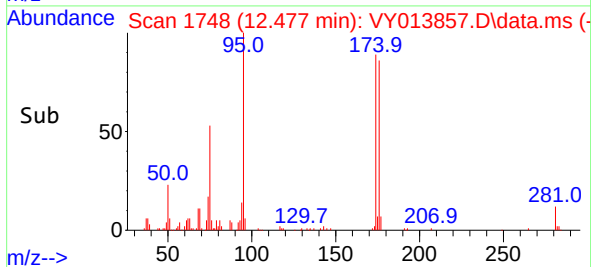
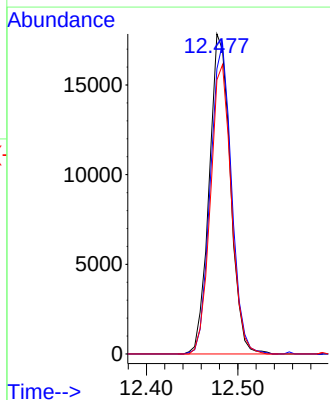
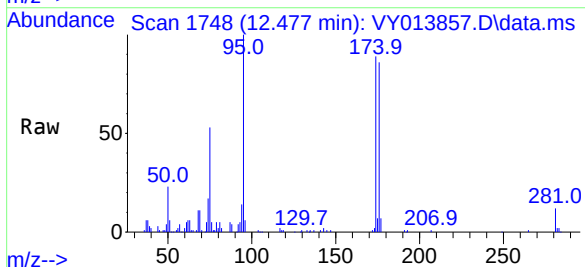
Instrument :
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ClientSampleId :
DUP01

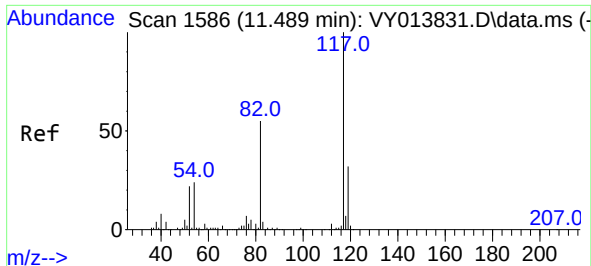
Tgt Ion: 43 Resp: 592
Ion Ratio Lower Upper
43 100
58 148.6 29.1 43.7#



#62
4-Bromofluorobenzene
Concen: 42.182 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013857.D
Acq: 24 May 2023 19:29

Tgt Ion: 95 Resp: 28679
Ion Ratio Lower Upper
95 100
174 96.6 0.0 176.0
176 89.0 0.0 170.2

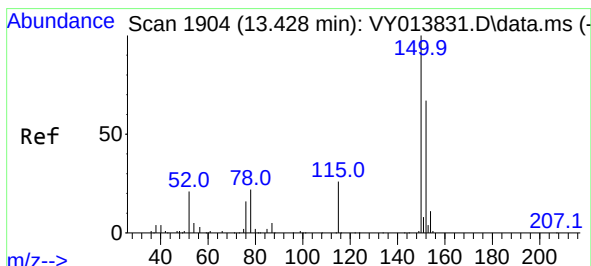
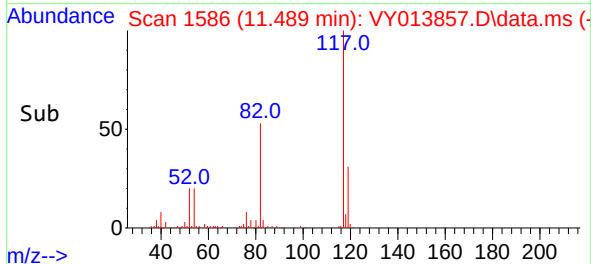
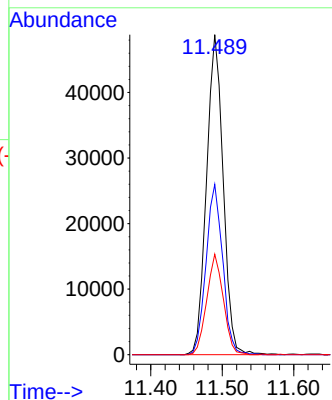
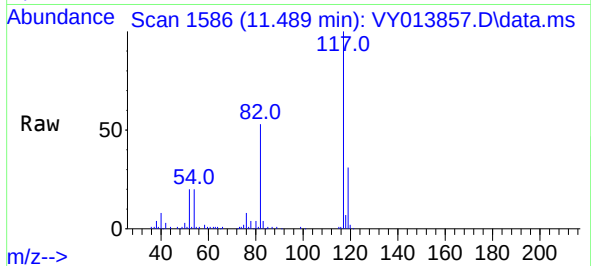




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013857.D
Acq: 24 May 2023 19:29

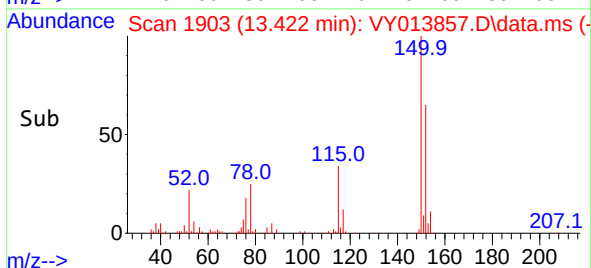
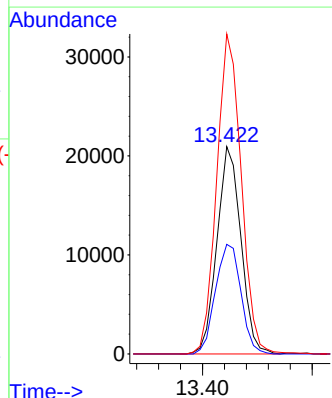
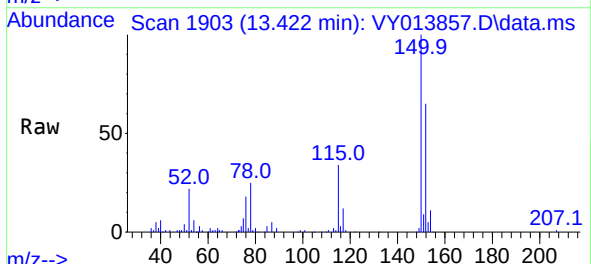
Instrument :
MSVOA_Y
ClientSampleId :
DUP01

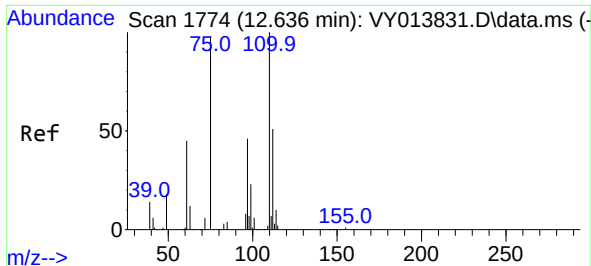
Tgt Ion:	117	Resp:	78988
Ion	Ratio	Lower	Upper
117	100		
82	53.2	44.2	66.4
119	31.4	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013857.D
Acq: 24 May 2023 19:29

Tgt Ion:	152	Resp:	31783
Ion	Ratio	Lower	Upper
152	100		
115	56.1	28.8	86.5
150	158.3	0.0	353.4

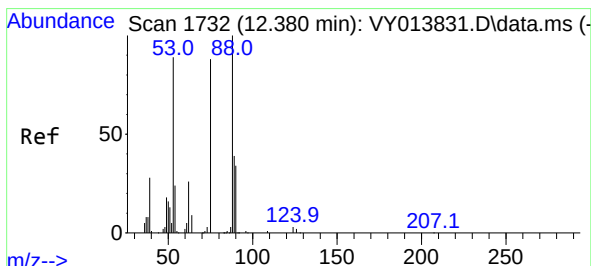
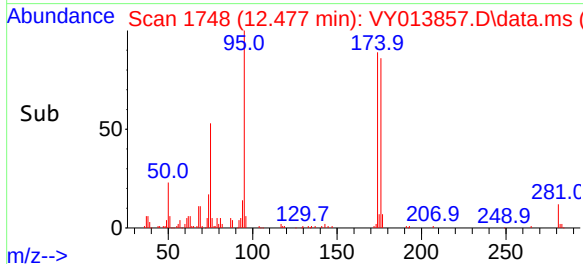
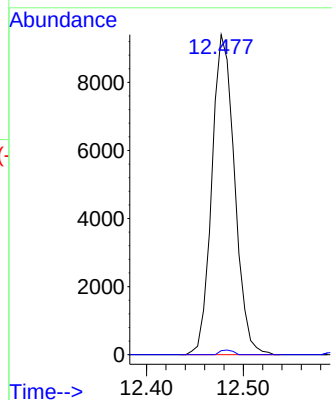
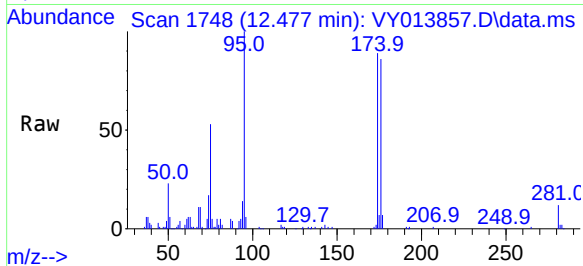




#76
1,2,3-Trichloropropane
Concen: 40.978 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY013857.D
Acq: 24 May 2023 19:29

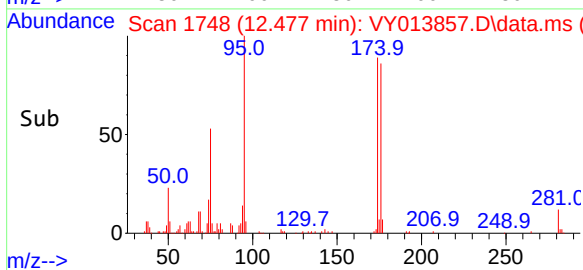
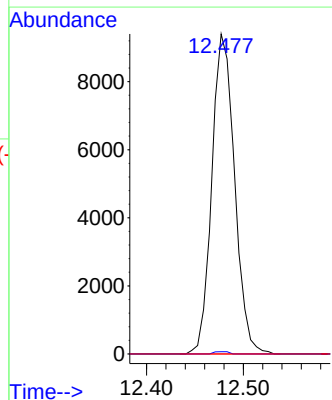
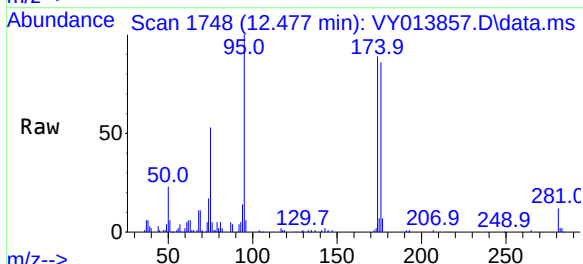
Instrument :
MSVOA_Y
ClientSampleId :
DUP01

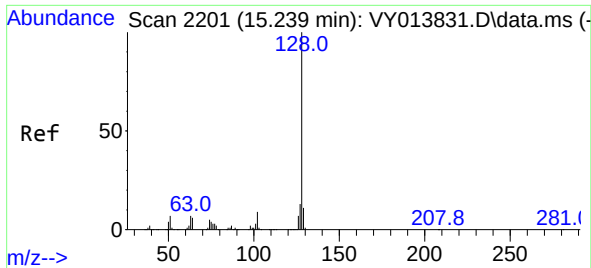
Tgt Ion: 75 Resp: 15357
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.950 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY013857.D
Acq: 24 May 2023 19:29

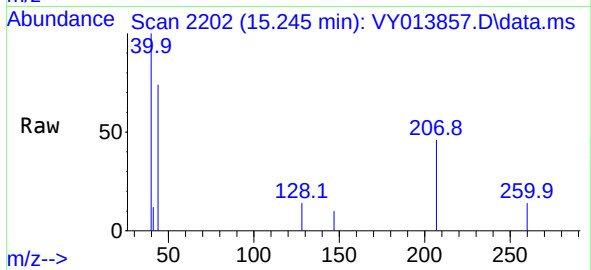
Tgt Ion: 75 Resp: 15357
Ion Ratio Lower Upper
75 100
53 0.5 79.7 119.5#
89 0.0 36.4 54.6#





#95
Naphthalene
Concen: 4.581 ug/l
RT: 15.245 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY013857.D
Acq: 24 May 2023 19:29

Instrument :
MSVOA_Y
ClientSampleId :
DUP01



Tgt Ion:128 Resp: 48
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 9.0 13.4#

