

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053123\
 Data File : VY013946.D
 Acq On : 31 May 2023 19:20
 Operator : KP/MD
 Sample : 02981-01
 Misc : 5.89g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 01 03:31:34 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)

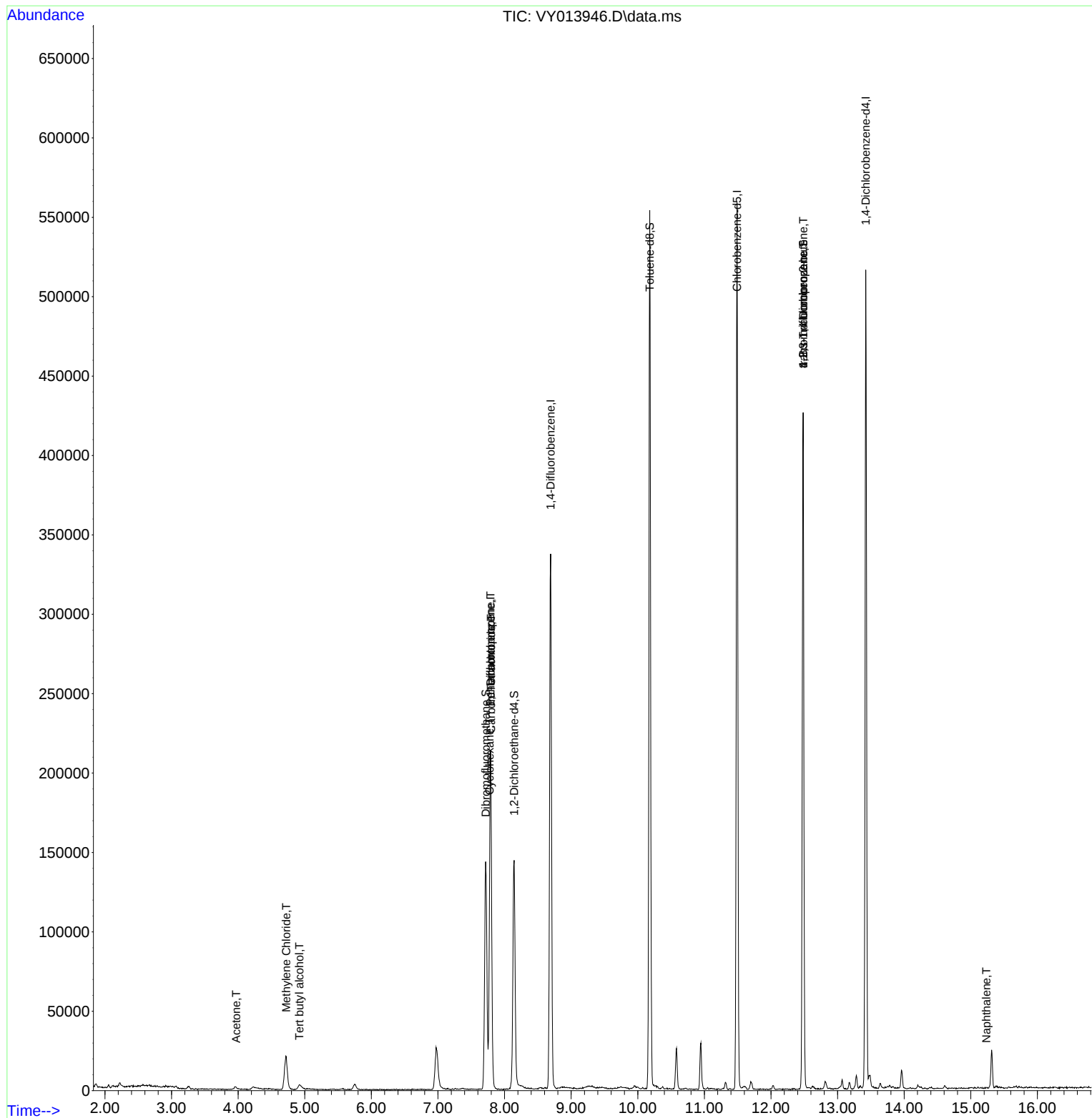
Internal Standards						
1) Pentafluorobenzene	7.789	168	162413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	285668	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	285699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	129968	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	117803	62.696	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 125.400%	
35) Dibromofluoromethane	7.716	113	98935	53.627	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 107.260%	
50) Toluene-d8	10.179	98	350735	50.021	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134		Recovery	= 100.040%	
62) 4-Bromofluorobenzene	12.483	95	115497	49.555	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143		Recovery	= 99.100%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.918	59	2718	18.883	ug/l #	73
16) Acetone	3.973	43	3918	7.026	ug/l #	74
20) Methylene Chloride	4.723	84	14847	5.235	ug/l	88
31) Cyclohexane	7.777	56	3748	1.298	ug/l #	40
36) 1,1-Dichloropropene	7.789	75	12804	4.557	ug/l #	50
38) Carbon Tetrachloride	7.795	117	15971	4.998	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	63931	41.717	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	63931	90.554	ug/l #	10
95) Naphthalene	15.233	128	698	4.663	ug/l #	79

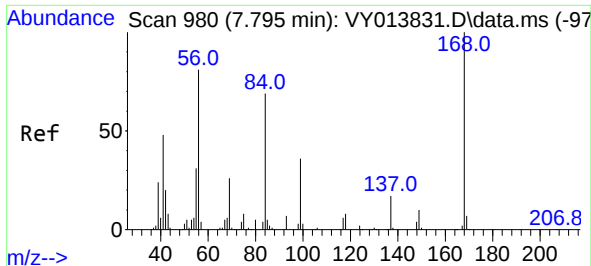
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053123\
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Misc : 5.89g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

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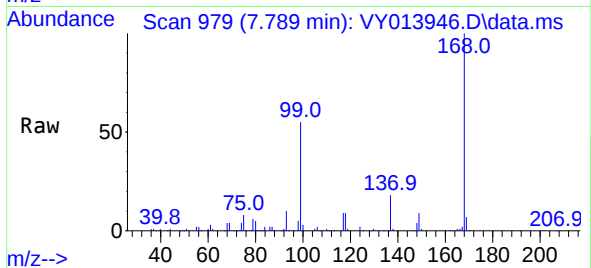
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
Response via : Initial Calibration



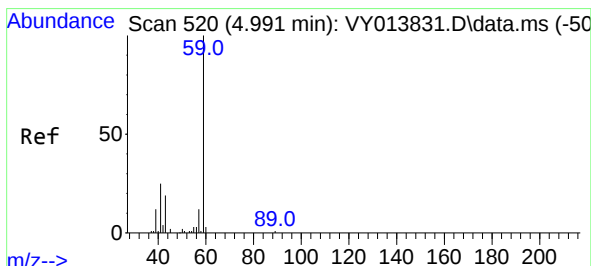
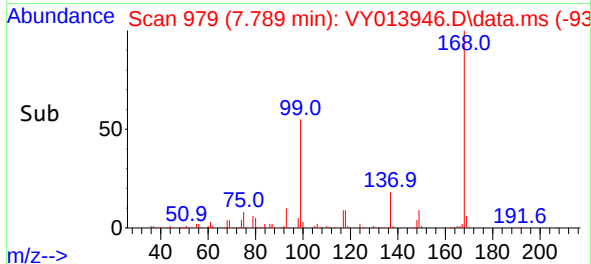
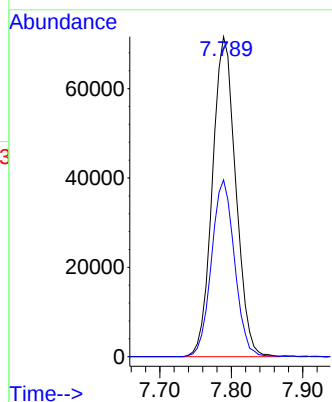


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013946.D
Acq: 31 May 2023 19:20

Instrument :
MSVOA_Y
ClientSampleId :

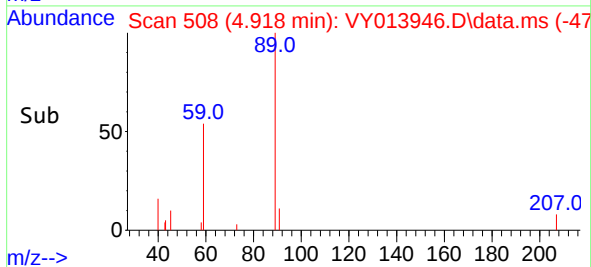
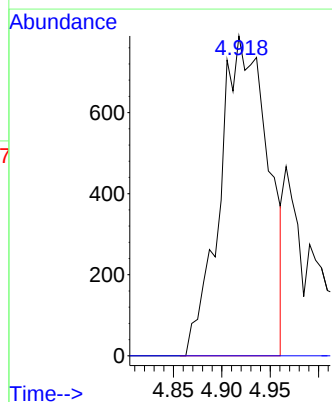
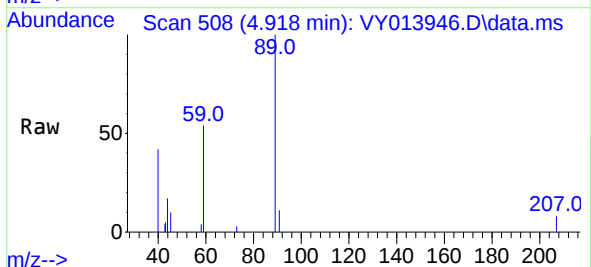


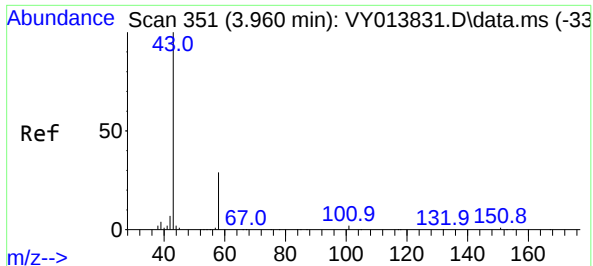
Tgt Ion:168 Resp: 162413
Ion Ratio Lower Upper
168 100
99 55.3 43.4 65.2



#11
Tert butyl alcohol
Concen: 18.883 ug/l
RT: 4.918 min Scan# 508
Delta R.T. -0.073 min
Lab File: VY013946.D
Acq: 31 May 2023 19:20

Tgt Ion: 59 Resp: 2718
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

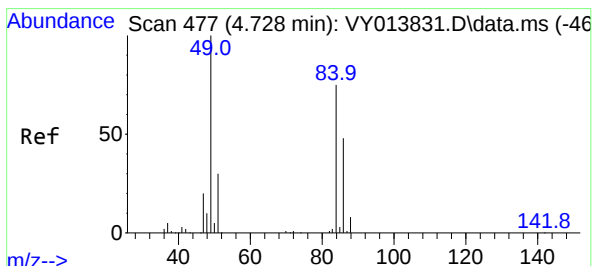
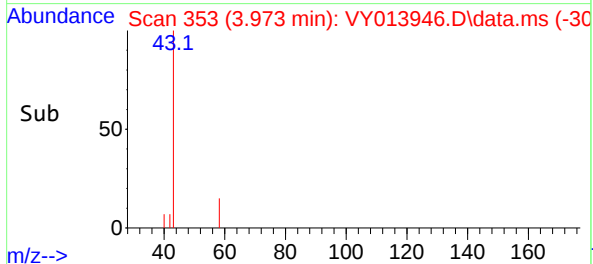
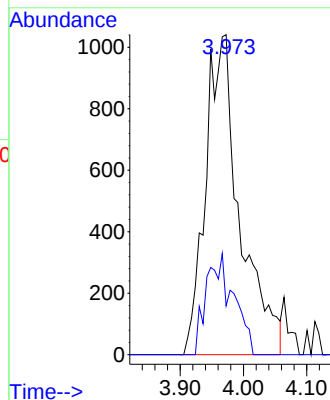
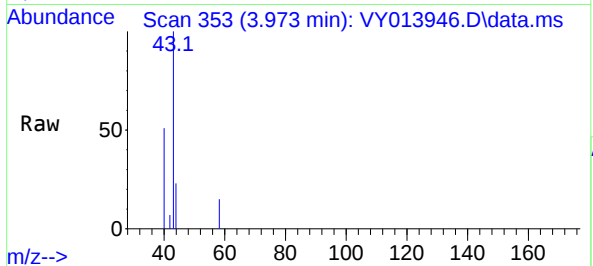




#16
Acetone
Concen: 7.026 ug/l
RT: 3.973 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY013946.D
Acq: 31 May 2023 19:20

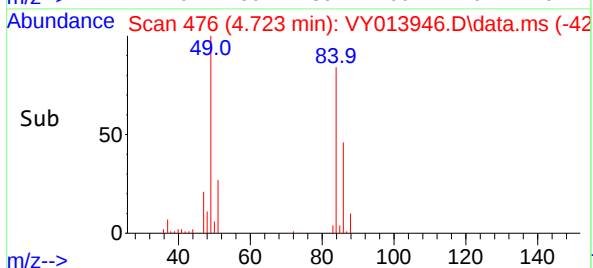
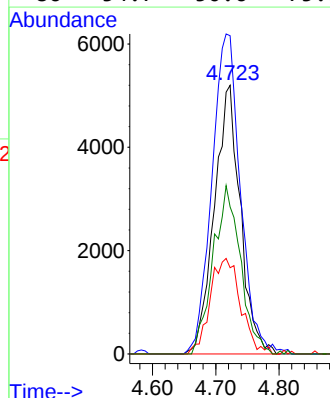
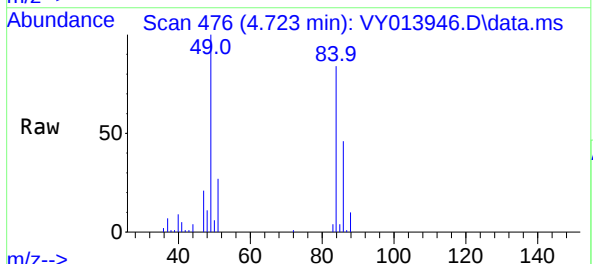
Instrument :
MSVOA_Y
ClientSampleId :

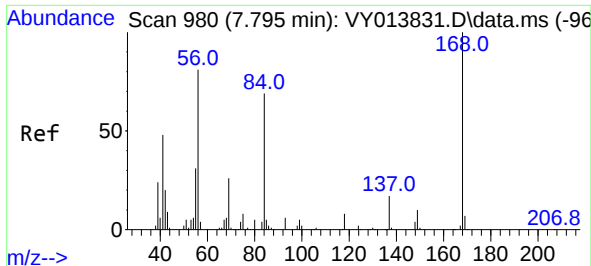
Tgt Ion: 43 Resp: 3918
Ion Ratio Lower Upper
43 100
58 15.3 23.3 34.9#



#20
Methylene Chloride
Concen: 5.235 ug/l
RT: 4.723 min Scan# 476
Delta R.T. -0.005 min
Lab File: VY013946.D
Acq: 31 May 2023 19:20

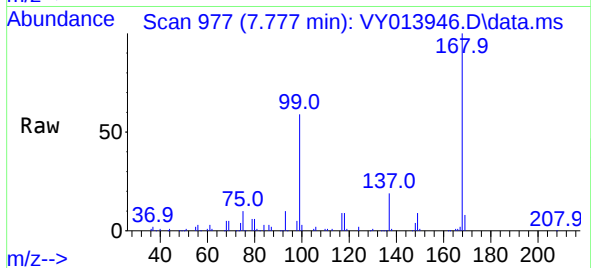
Tgt Ion: 84 Resp: 14847
Ion Ratio Lower Upper
84 100
49 118.5 106.2 159.2
51 32.1 31.4 47.0
86 54.7 50.6 75.8



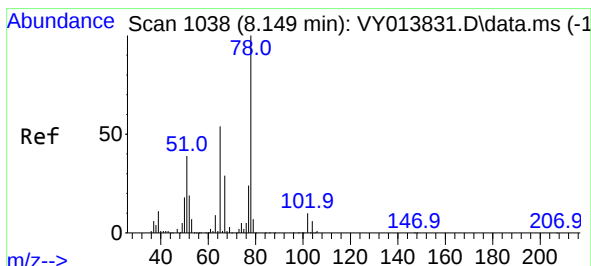
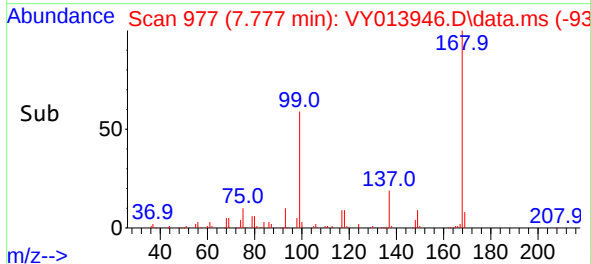
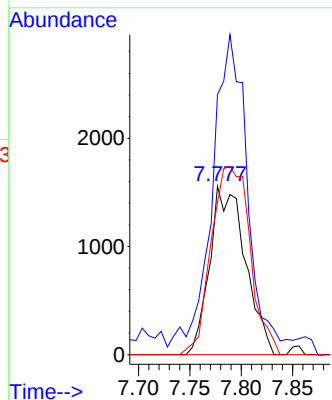


#31
Cyclohexane
Concen: 1.298 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY013946.D
Acq: 31 May 2023 19:20

Instrument :
MSVOA_Y
ClientSampleId :

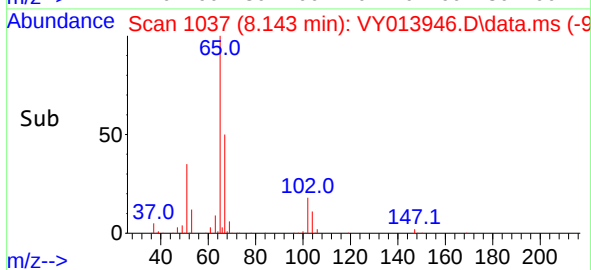
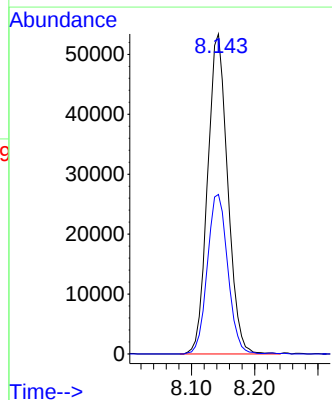
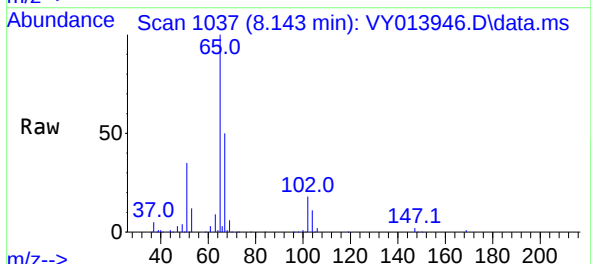


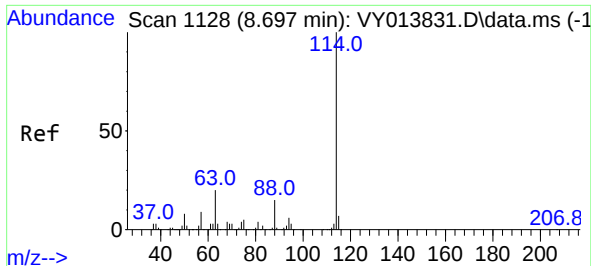
Tgt Ion: 56 Resp: 3748
Ion Ratio Lower Upper
56 100
69 146.1 25.8 38.8#
84 90.2 68.2 102.2



#33
1,2-Dichloroethane-d4
Concen: 62.696 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY013946.D
Acq: 31 May 2023 19:20

Tgt Ion: 65 Resp: 117803
Ion Ratio Lower Upper
65 100
67 50.7 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: VY013946.D

Acq: 31 May 2023 19:20

Instrument :

MSVOA_Y

ClientSampleId :

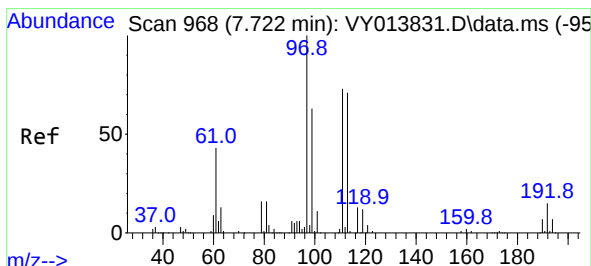
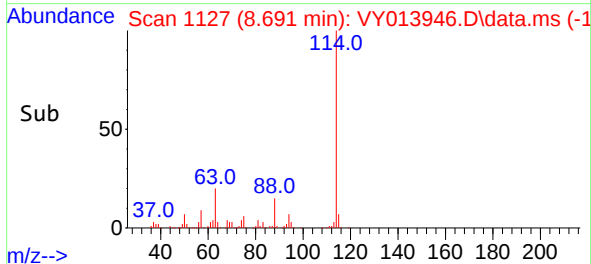
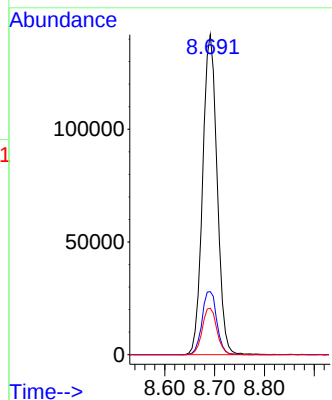
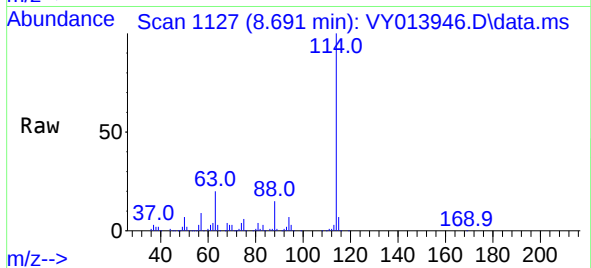
Tgt Ion:114 Resp: 285668

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.2

88 14.5 0.0 30.0



#35

Dibromofluoromethane

Concen: 53.627 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY013946.D

Acq: 31 May 2023 19:20

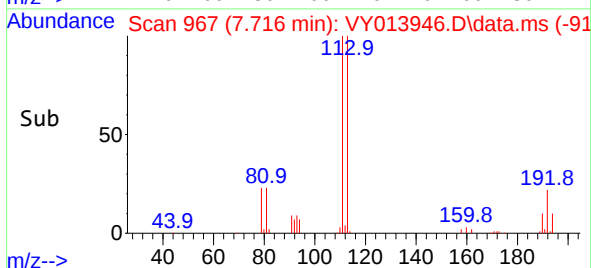
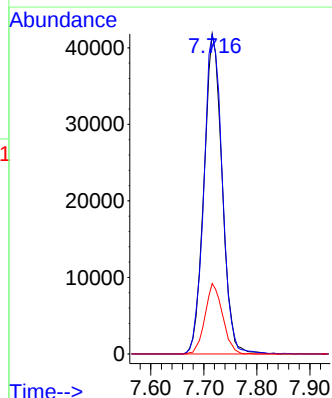
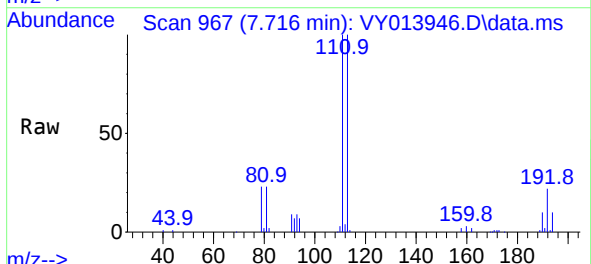
Tgt Ion:113 Resp: 98935

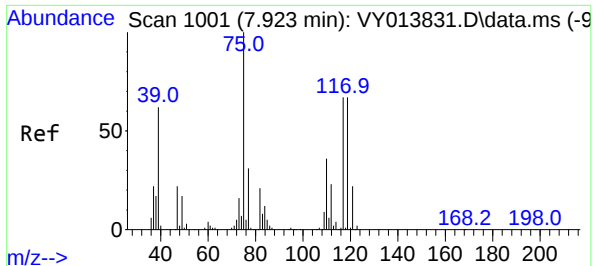
Ion Ratio Lower Upper

113 100

111 101.5 80.4 120.6

192 21.4 16.6 25.0

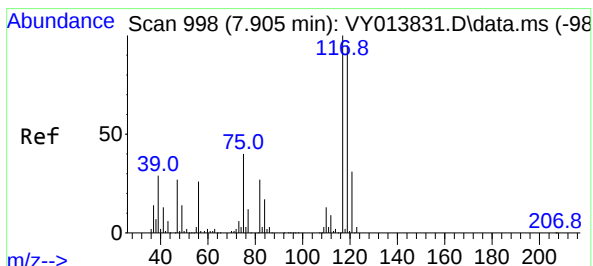
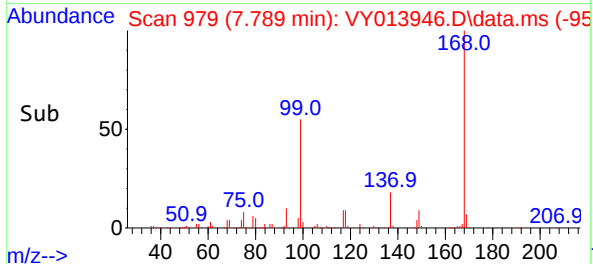
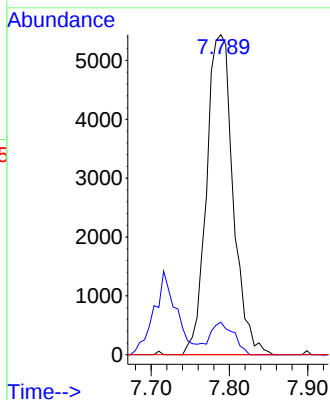
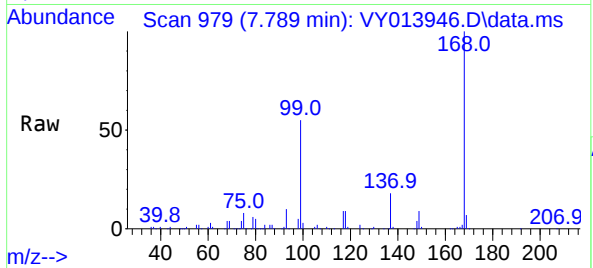




#36
1,1-Dichloropropene
Concen: 4.557 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY013946.D
Acq: 31 May 2023 19:20

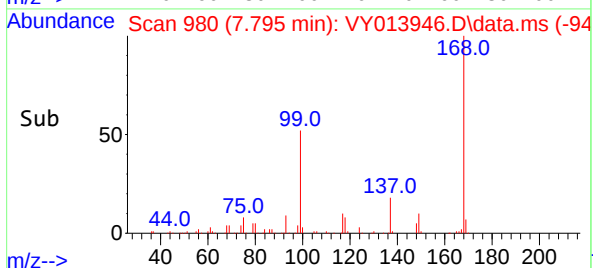
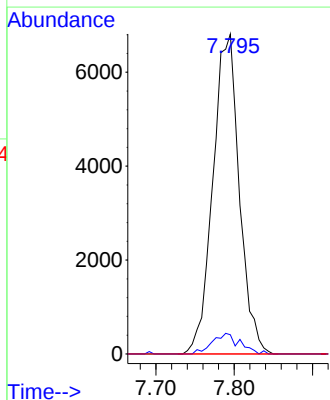
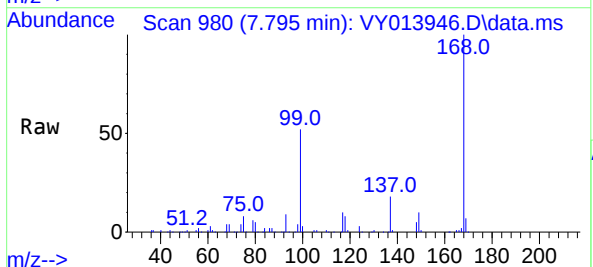
Instrument :
MSVOA_Y
ClientSampleId :

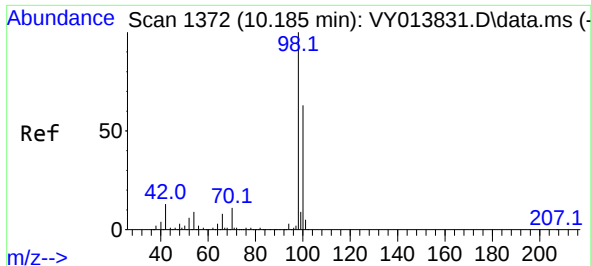
Tgt Ion: 75 Resp: 12804
Ion Ratio Lower Upper
75 100
110 9.4 17.5 52.6#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.998 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY013946.D
Acq: 31 May 2023 19:20

Tgt Ion: 117 Resp: 15971
Ion Ratio Lower Upper
117 100
119 6.0 75.6 113.4#
121 0.0 24.8 37.2#

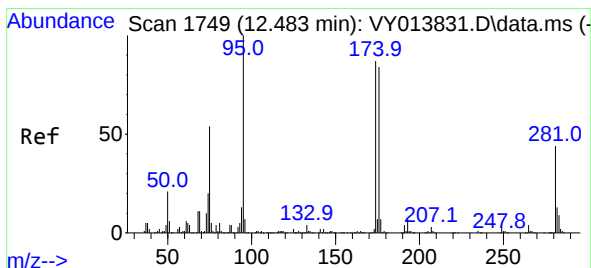
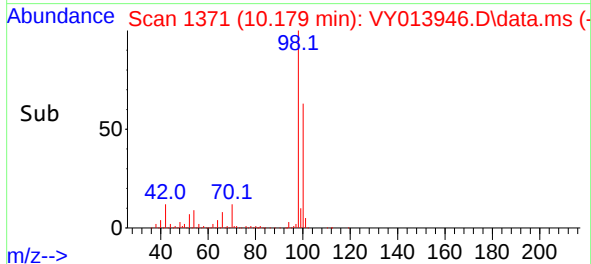
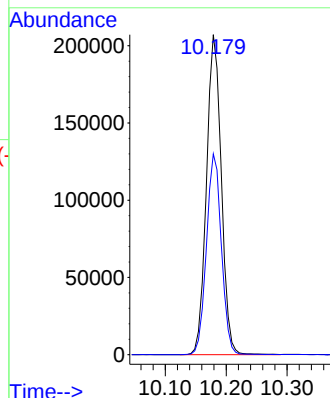
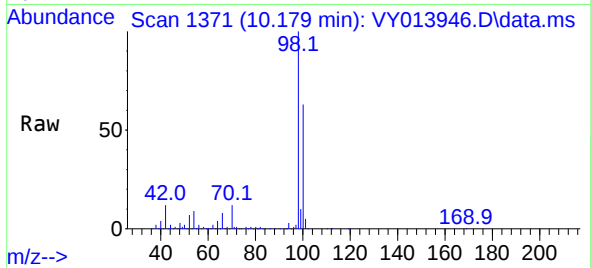




#50
Toluene-d8
Concen: 50.021 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013946.D
Acq: 31 May 2023 19:20

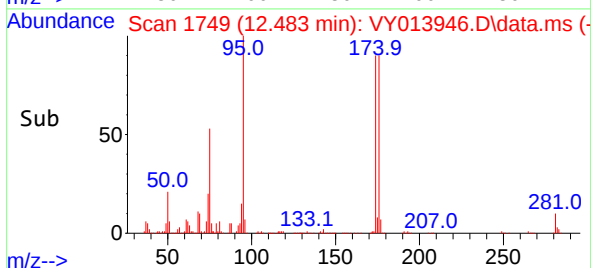
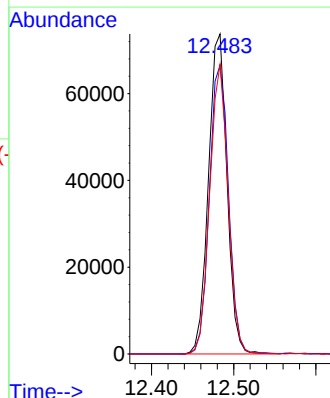
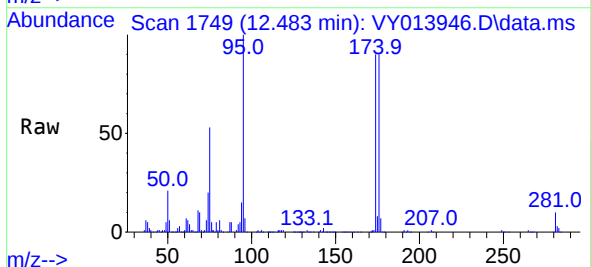
Instrument :
MSVOA_Y
ClientSampleId :

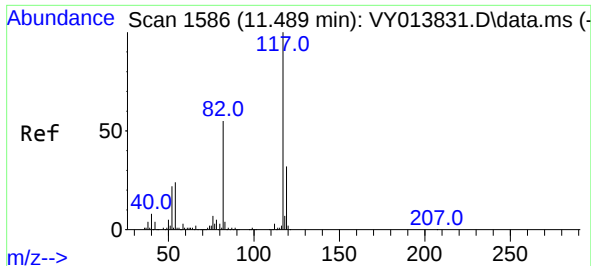
Tgt Ion: 98 Resp: 350735
Ion Ratio Lower Upper
98 100
100 63.0 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 49.555 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013946.D
Acq: 31 May 2023 19:20

Tgt Ion: 95 Resp: 115497
Ion Ratio Lower Upper
95 100
174 93.3 0.0 176.0
176 89.6 0.0 170.2

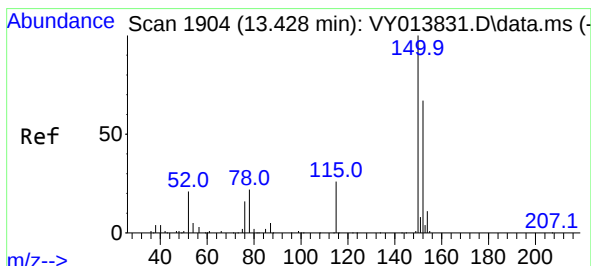
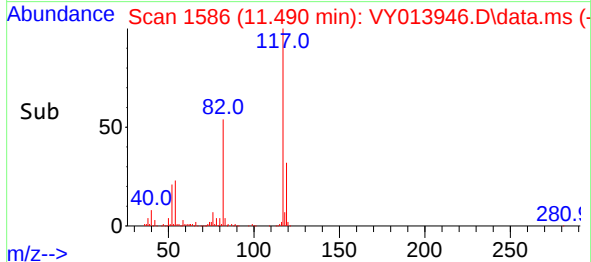
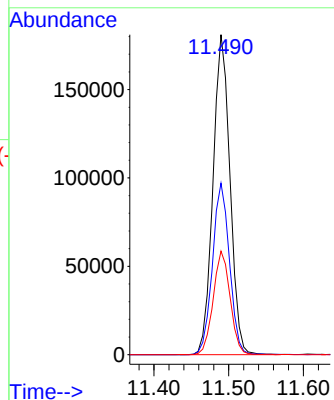
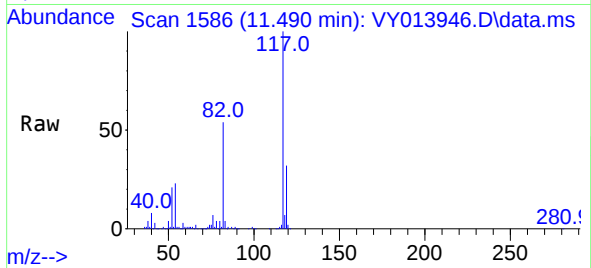




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013946.D
Acq: 31 May 2023 19:20

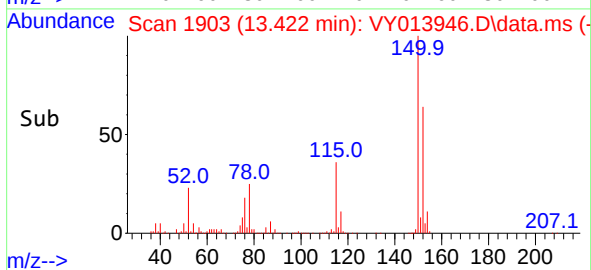
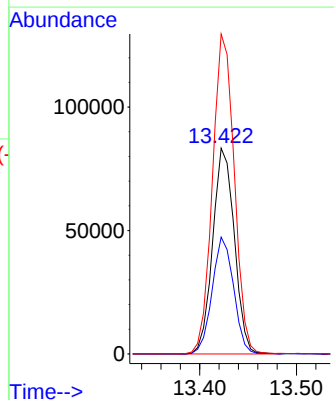
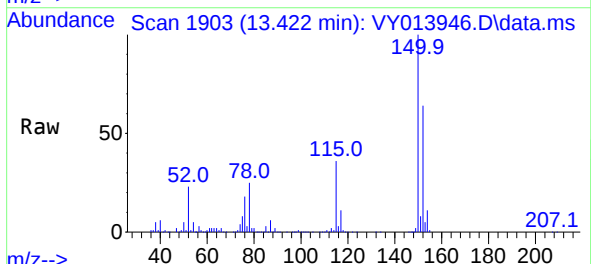
Instrument :
MSVOA_Y
ClientSampleId :

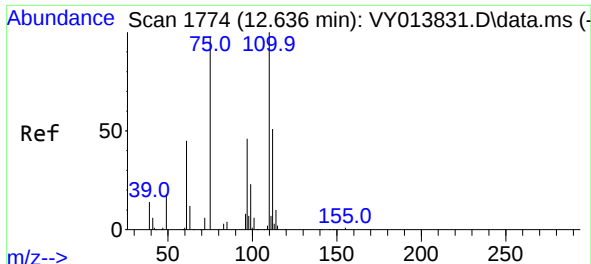
Tgt Ion:117 Resp: 285699
Ion Ratio Lower Upper
117 100
82 53.6 44.2 66.4
119 32.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013946.D
Acq: 31 May 2023 19:20

Tgt Ion:152 Resp: 129968
Ion Ratio Lower Upper
152 100
115 56.1 28.8 86.5
150 156.5 0.0 353.4

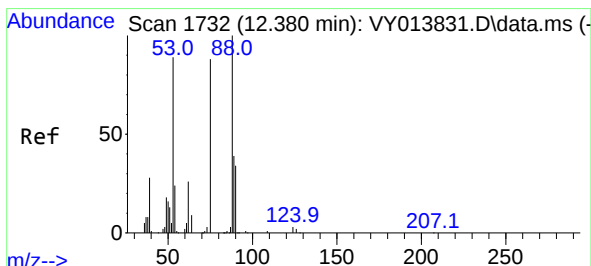
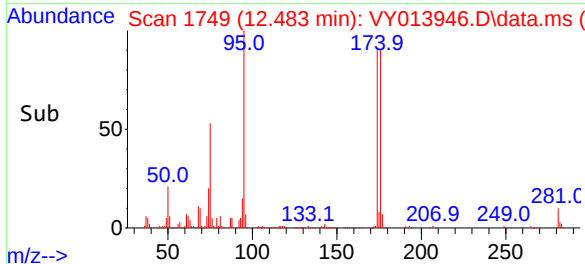
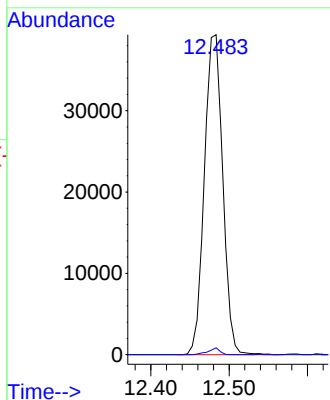
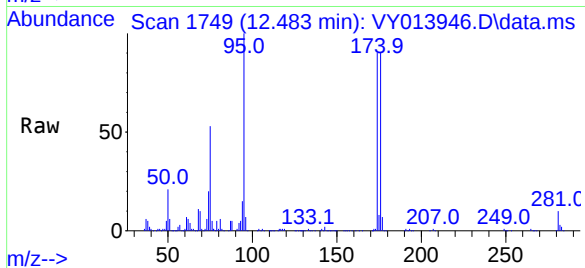




#76
1,2,3-Trichloropropane
Concen: 41.717 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY013946.D
Acq: 31 May 2023 19:20

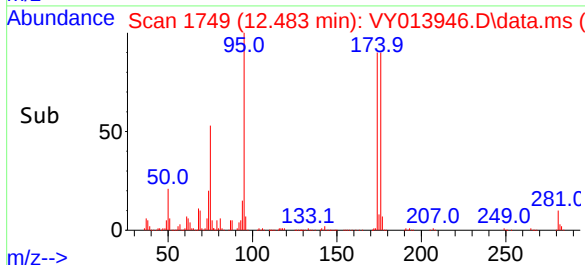
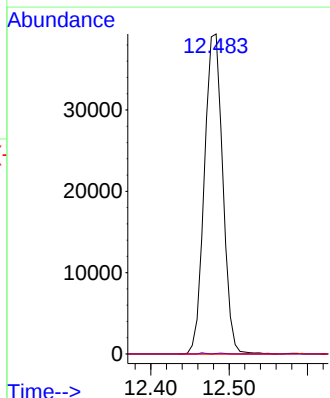
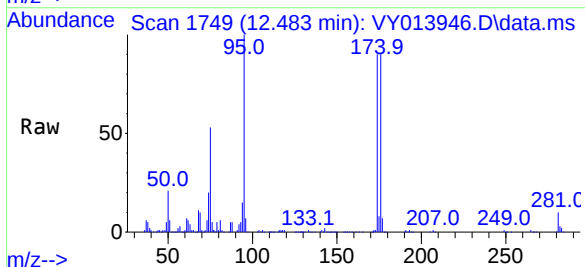
Instrument :
MSVOA_Y
ClientSampleId :

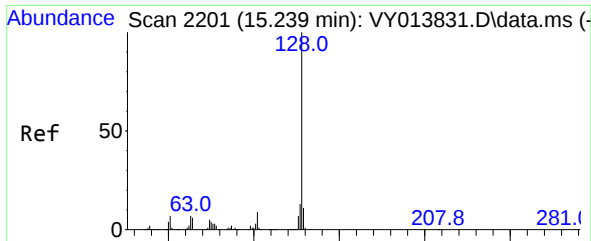
Tgt Ion: 75 Resp: 63931
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.554 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013946.D
Acq: 31 May 2023 19:20

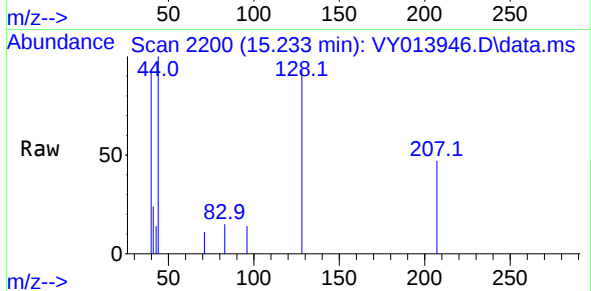
Tgt Ion: 75 Resp: 63931
Ion Ratio Lower Upper
75 100
53 0.1 79.7 119.5#
89 0.0 36.4 54.6#





#95
Naphthalene
Concen: 4.663 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY013946.D
Acq: 31 May 2023 19:20

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	128	Resp:	698
Ion	Ratio	Lower	Upper
128	100		
127	7.6	10.7	16.1#
129	0.0	9.0	13.4#

