

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042023\
 Data File : VY013372.D
 Acq On : 20 Apr 2023 16:47
 Operator : KP/MD
 Sample : 02371-15
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 21 02:15:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

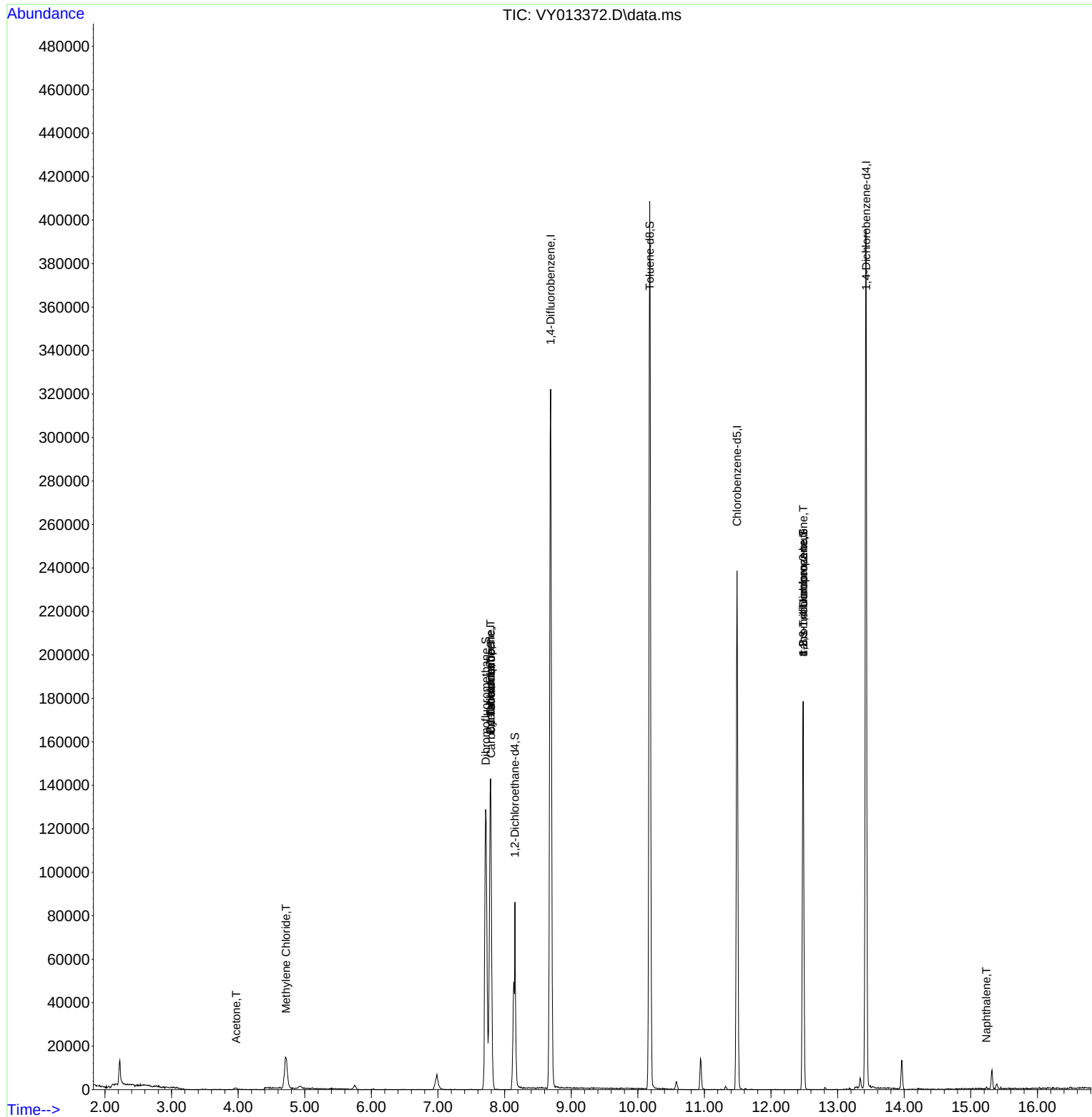
Internal Standards						
1) Pentafluorobenzene	7.789	168	112058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	273229	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	119774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	108353	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	62567	46.460	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.920%
35) Dibromofluoromethane	7.715	113	84110	47.550	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.100%
50) Toluene-d8	10.178	98	270375	41.065	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	82.140%
62) 4-Bromofluorobenzene	12.483	95	39588	18.506	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	37.020%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.996	59	86	Below Cal	#	74
16) Acetone	3.972	43	1821	3.933	ug/l #	66
20) Methylene Chloride	4.716	84	10929	5.100	ug/l	83
31) Cyclohexane	7.789	56	2286	1.123	ug/l #	22
36) 1,1-Dichloropropene	7.789	75	7149	2.668	ug/l #	54
38) Carbon Tetrachloride	7.795	117	10939	3.692	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	28611	21.191	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	28611	43.981	ug/l #	13
95) Naphthalene	15.232	128	602	3.323	ug/l #	69

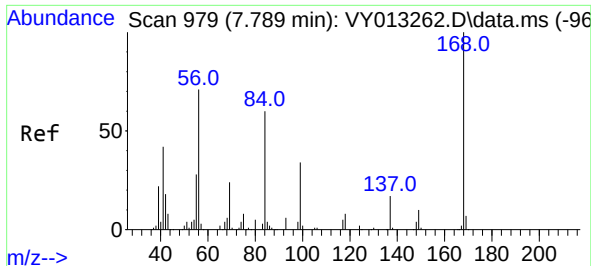
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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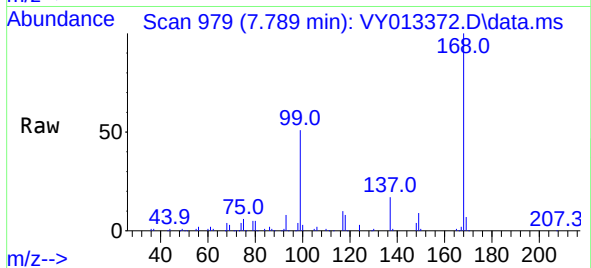
Quant Time: Apr 21 02:15:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 2023
Response via : Initial Calibration



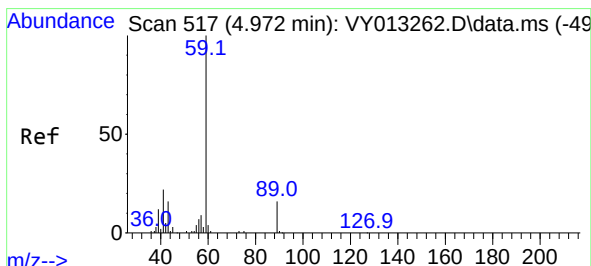
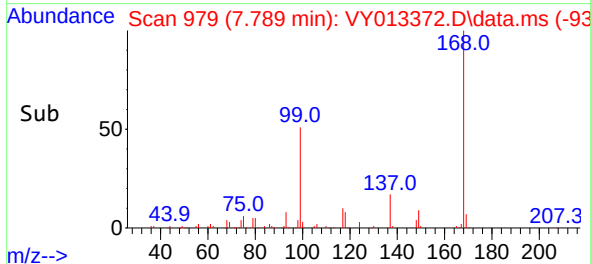
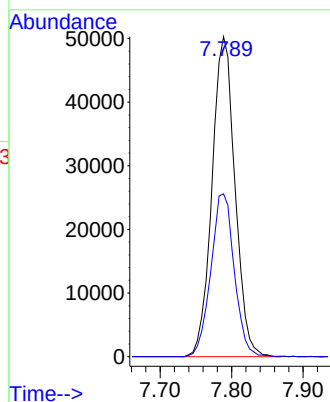


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013372.D
Acq: 20 Apr 2023 16:47

Instrument :
MSVOA_Y
ClientSampleId :

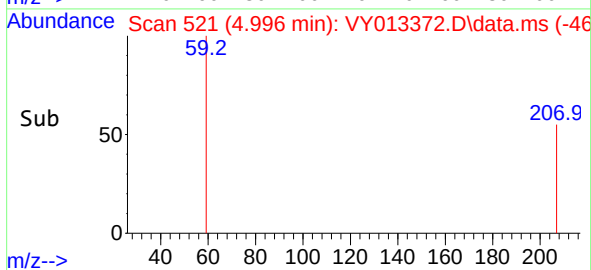
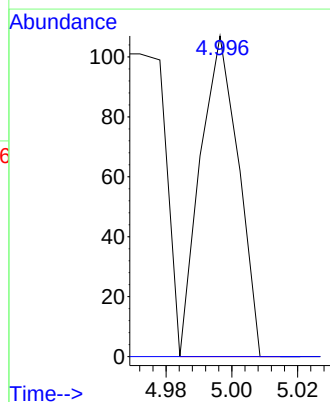
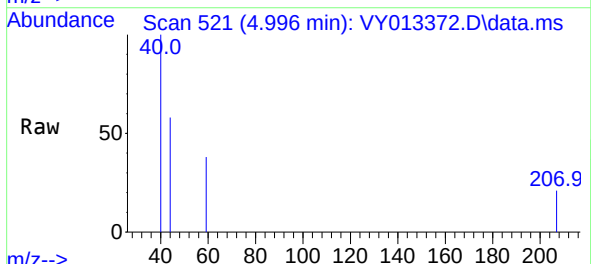


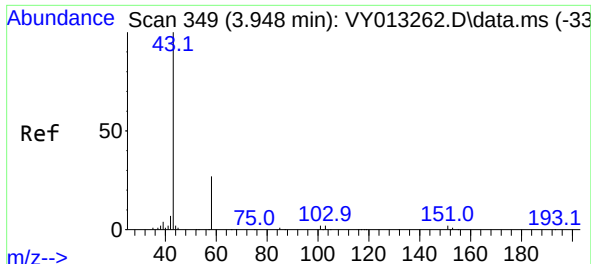
Tgt Ion:168 Resp: 112058
Ion Ratio Lower Upper
168 100
99 50.9 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.996 min Scan# 521
Delta R.T. 0.024 min
Lab File: VY013372.D
Acq: 20 Apr 2023 16:47

Tgt Ion: 59 Resp: 86
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

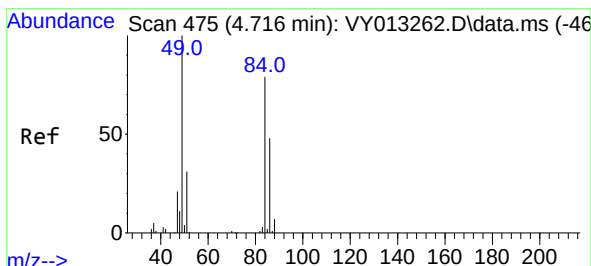
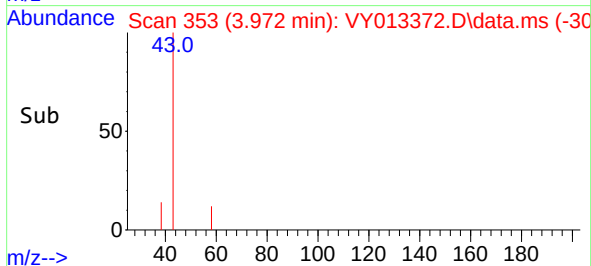
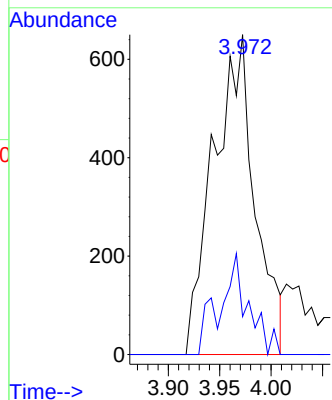
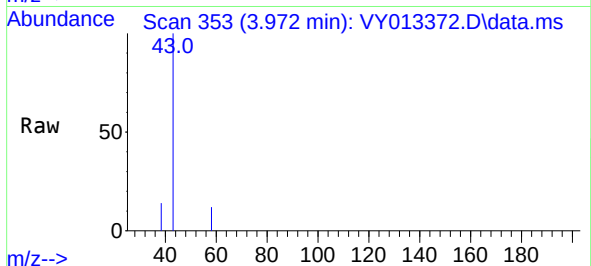




#16
Acetone
Concen: 3.933 ug/l
RT: 3.972 min Scan# 31
Delta R.T. 0.024 min
Lab File: VY013372.D
Acq: 20 Apr 2023 16:47

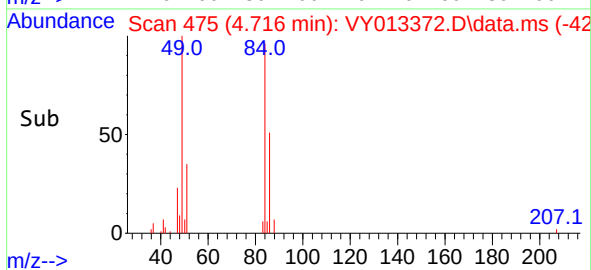
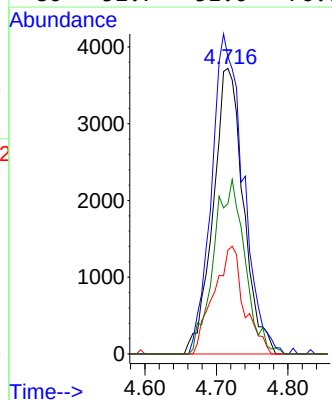
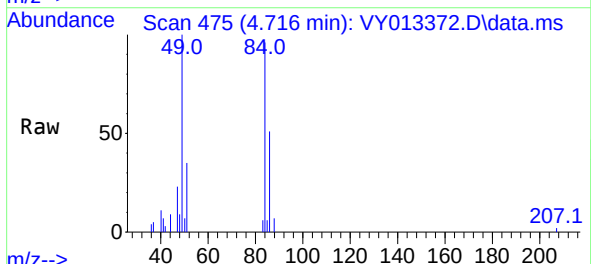
Instrument :
MSVOA_Y
ClientSampleId :

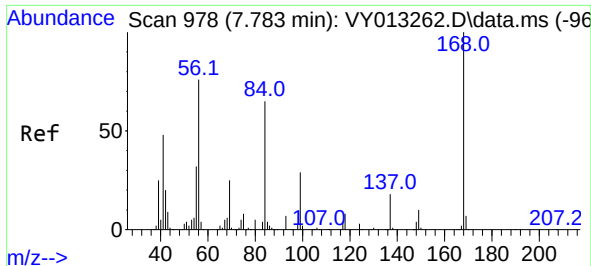
Tgt Ion: 43 Resp: 1821
Ion Ratio Lower Upper
43 100
58 11.8 24.2 36.2#



#20
Methylene Chloride
Concen: 5.100 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY013372.D
Acq: 20 Apr 2023 16:47

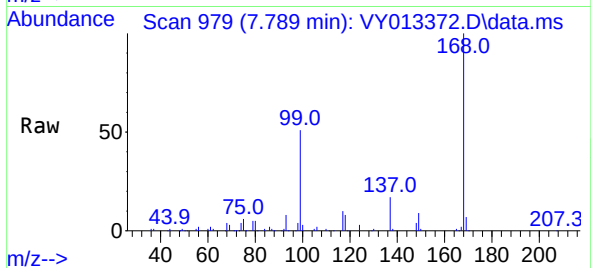
Tgt Ion: 84 Resp: 10929
Ion Ratio Lower Upper
84 100
49 104.0 102.6 154.0
51 36.3 31.9 47.9
86 52.7 51.0 76.6



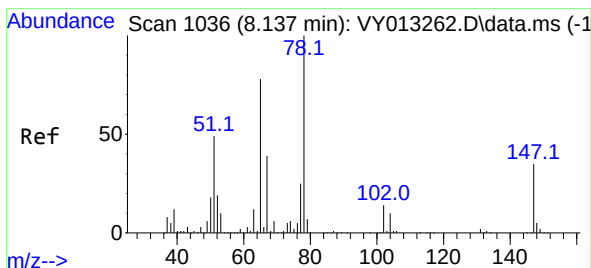
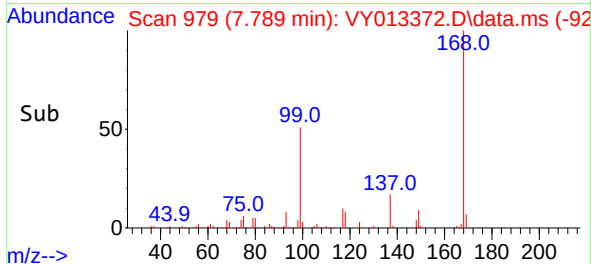
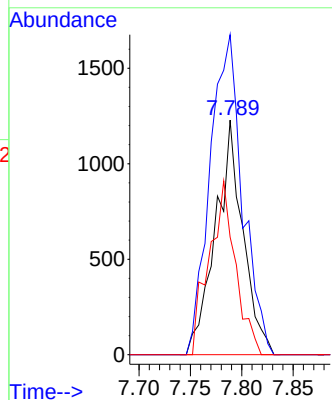


#31
Cyclohexane
Concen: 1.123 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013372.D
Acq: 20 Apr 2023 16:47

Instrument :
MSVOA_Y
ClientSampleId :

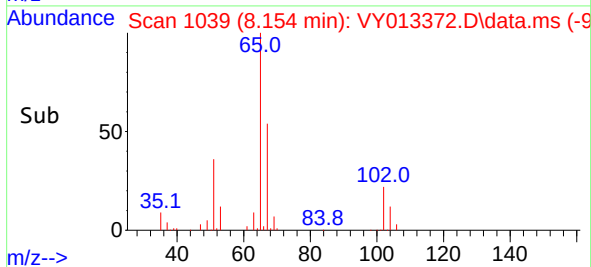
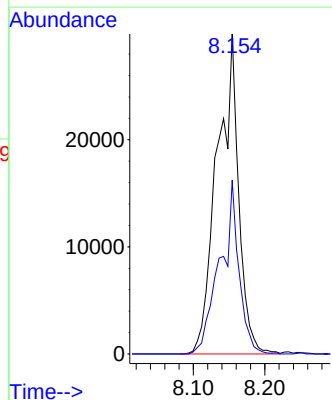
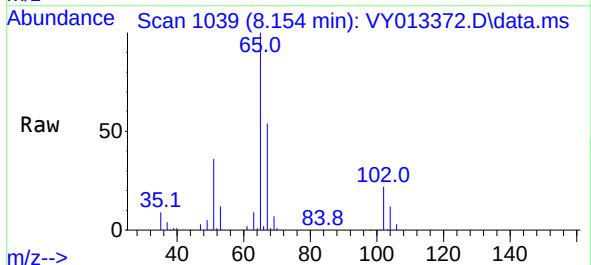


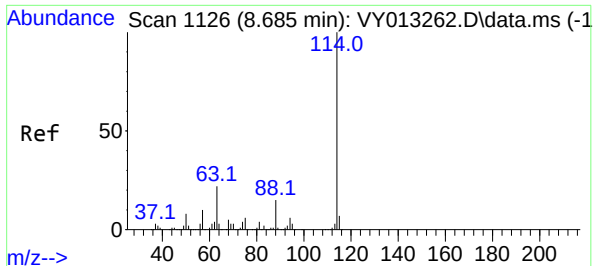
Tgt Ion: 56 Resp: 2286
Ion Ratio Lower Upper
56 100
69 136.4 25.7 38.5#
84 50.1 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 46.460 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. 0.018 min
Lab File: VY013372.D
Acq: 20 Apr 2023 16:47

Tgt Ion: 65 Resp: 62567
Ion Ratio Lower Upper
65 100
67 47.6 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY013372.D

Acq: 20 Apr 2023 16:47

Instrument :

MSVOA_Y

ClientSampleId :

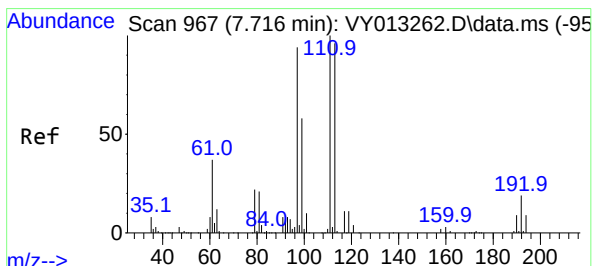
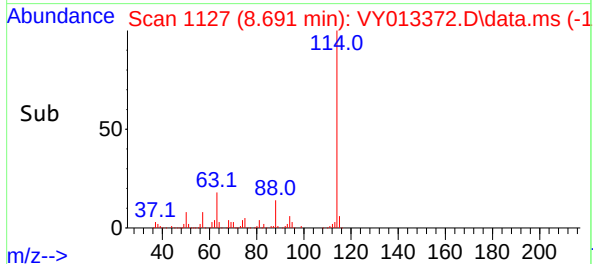
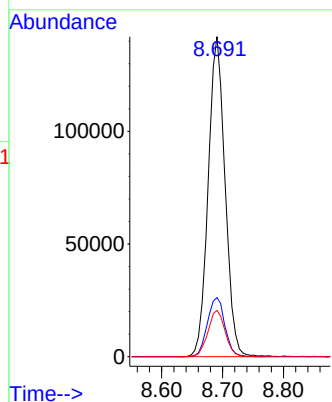
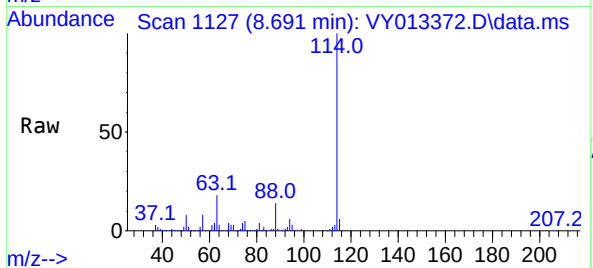
Tgt Ion:114 Resp: 273229

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.4

88 14.4 0.0 28.6



#35

Dibromofluoromethane

Concen: 47.550 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013372.D

Acq: 20 Apr 2023 16:47

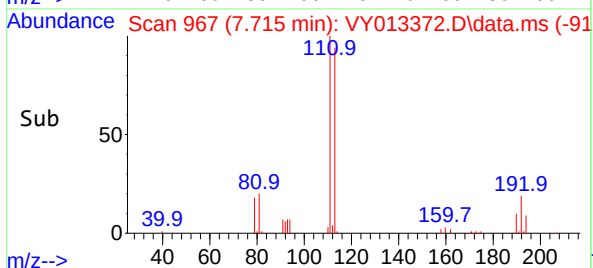
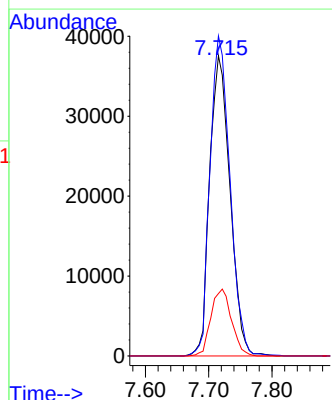
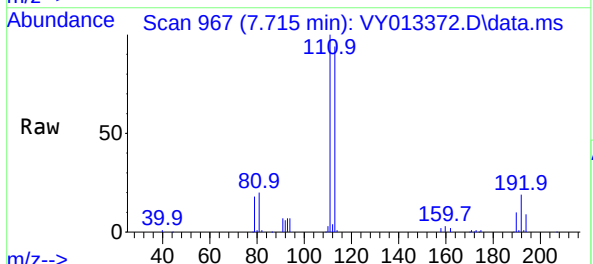
Tgt Ion:113 Resp: 84110

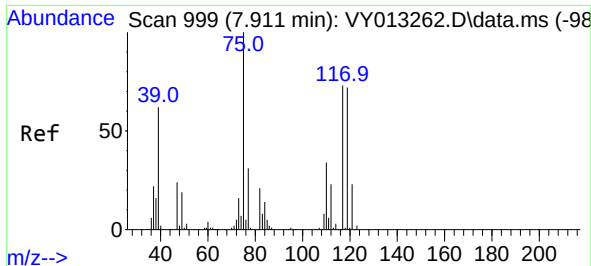
Ion Ratio Lower Upper

113 100

111 104.7 82.2 123.2

192 22.5 16.8 25.2





#36

1,1-Dichloropropene

Concen: 2.668 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.122 min

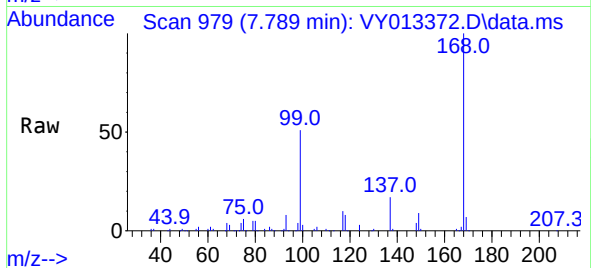
Lab File: VY013372.D

Acq: 20 Apr 2023 16:47

Instrument :

MSVOA_Y

ClientSampleId :



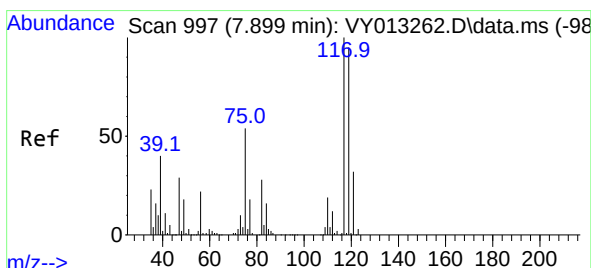
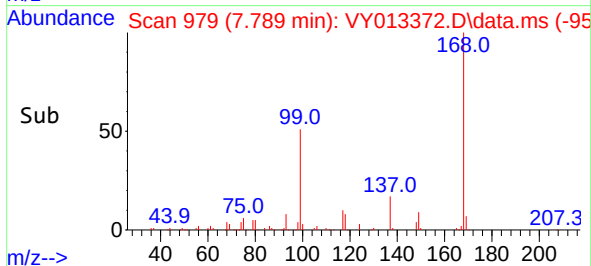
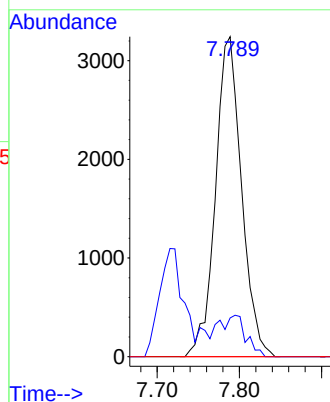
Tgt Ion: 75 Resp: 7149

Ion Ratio Lower Upper

75 100

110 13.7 17.8 53.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 3.692 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.104 min

Lab File: VY013372.D

Acq: 20 Apr 2023 16:47

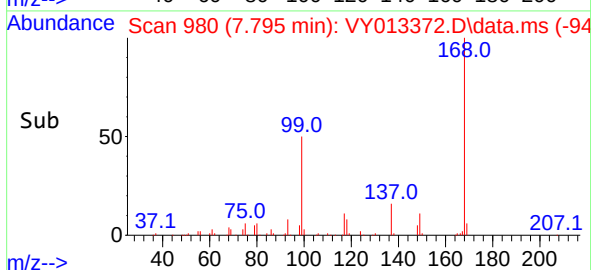
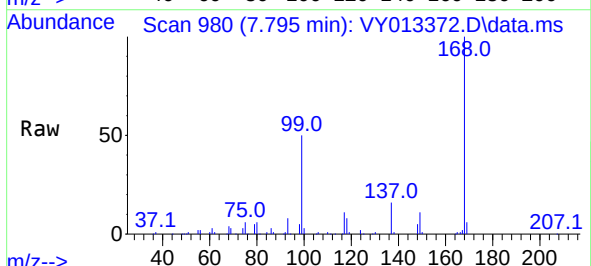
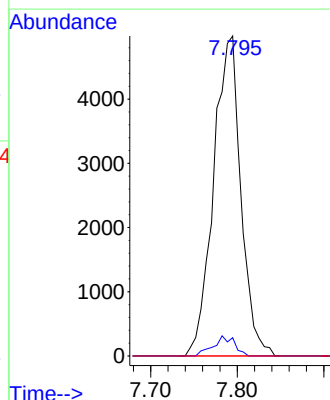
Tgt Ion: 117 Resp: 10939

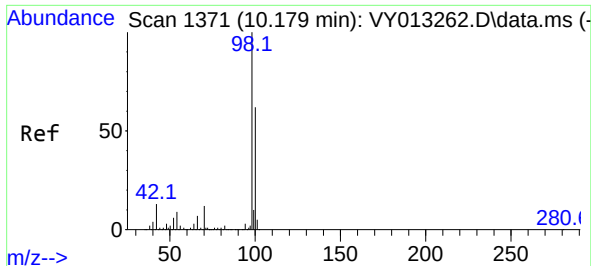
Ion Ratio Lower Upper

117 100

119 5.7 77.2 115.8#

121 0.0 24.7 37.1#

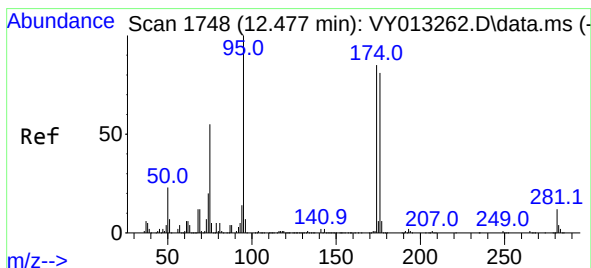
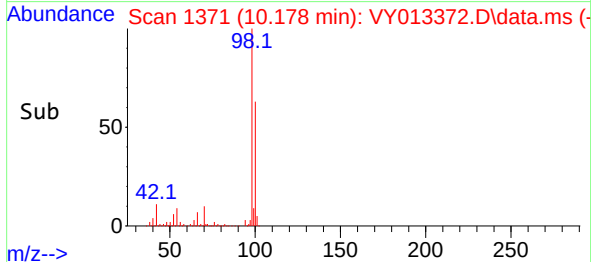
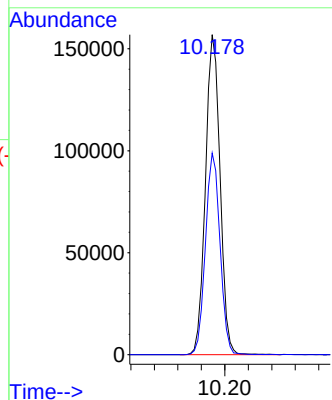
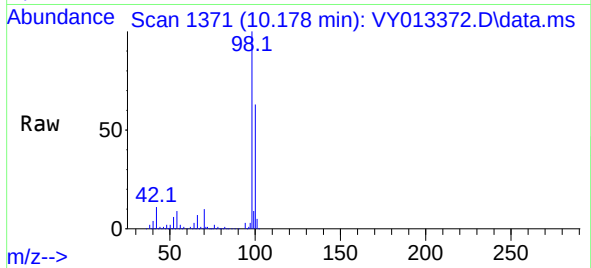




#50
Toluene-d8
Concen: 41.065 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013372.D
Acq: 20 Apr 2023 16:47

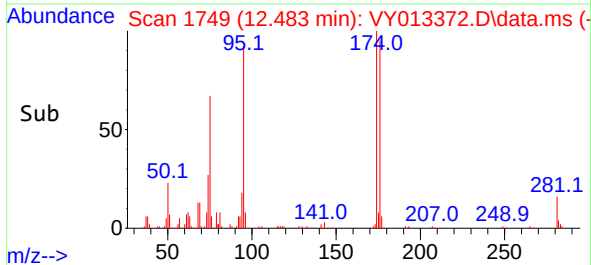
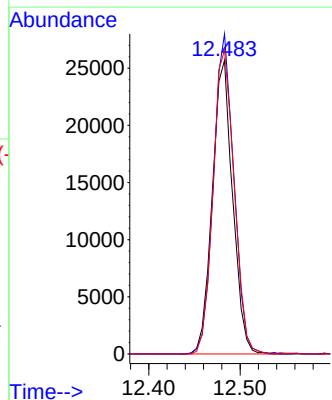
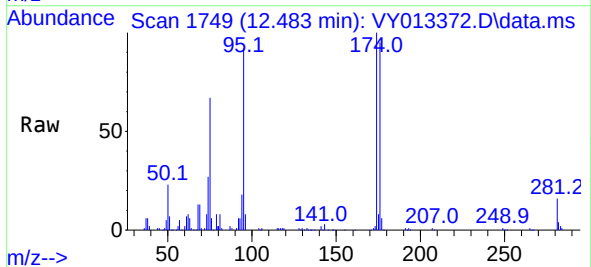
Instrument :
MSVOA_Y
ClientSampleId :

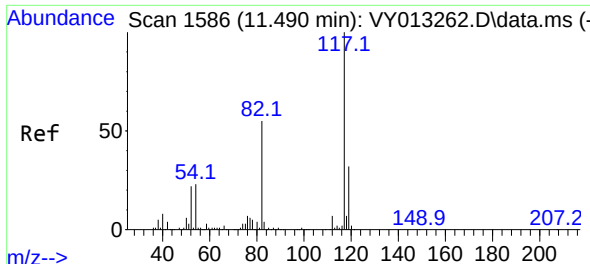
Tgt Ion: 98 Resp: 270375
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 18.506 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013372.D
Acq: 20 Apr 2023 16:47

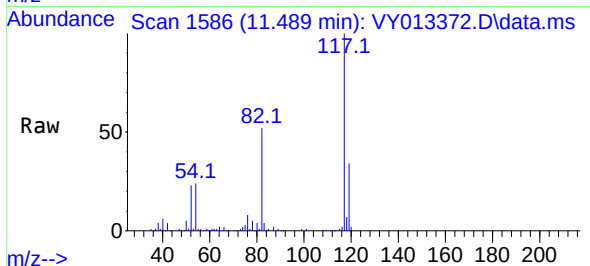
Tgt Ion: 95 Resp: 39588
Ion Ratio Lower Upper
95 100
174 109.1 0.0 176.6
176 107.5 0.0 170.2



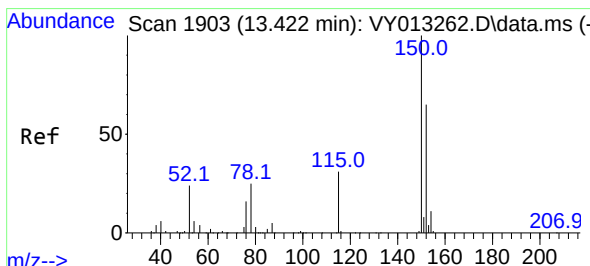
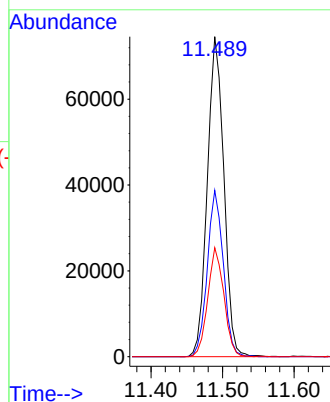
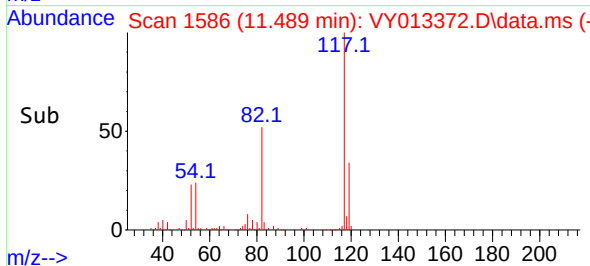


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013372.D
Acq: 20 Apr 2023 16:47

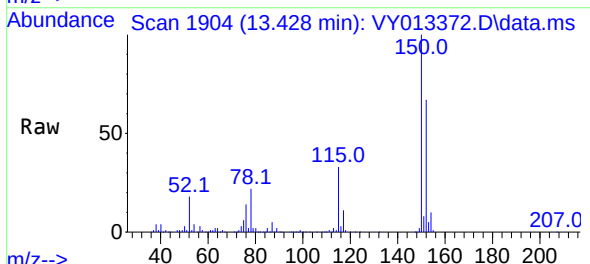
Instrument :
MSVOA_Y
ClientSampleId :



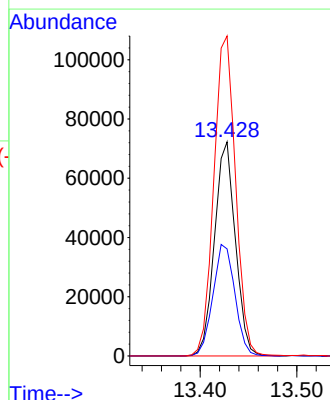
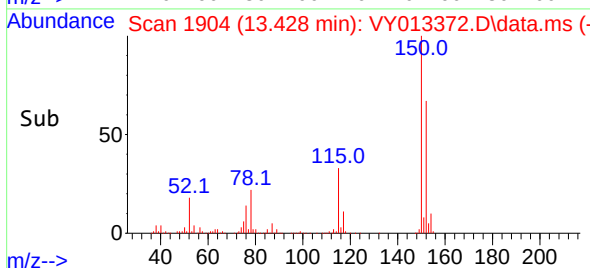
Tgt Ion:117 Resp: 119774
Ion Ratio Lower Upper
117 100
82 52.0 45.4 68.0
119 34.1 25.6 38.4

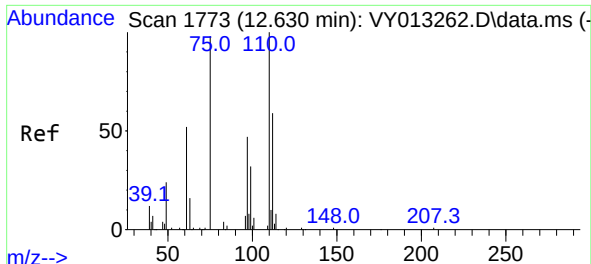


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013372.D
Acq: 20 Apr 2023 16:47



Tgt Ion:152 Resp: 108353
Ion Ratio Lower Upper
152 100
115 54.8 27.1 81.3
150 155.0 0.0 347.8

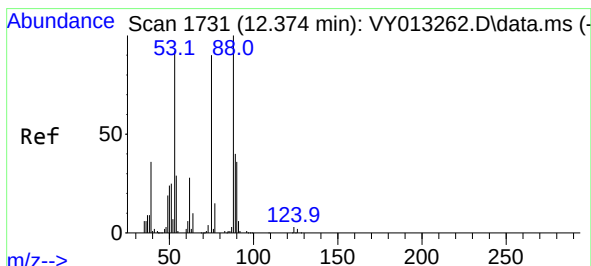
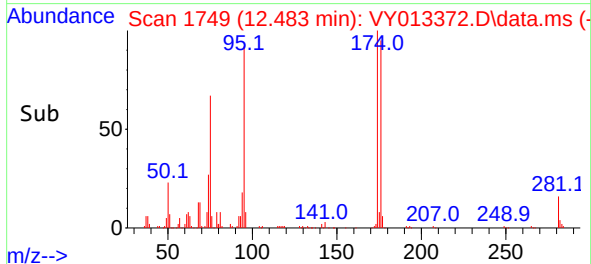
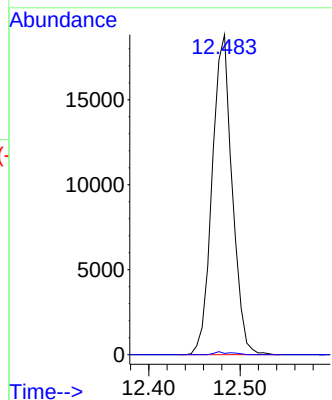
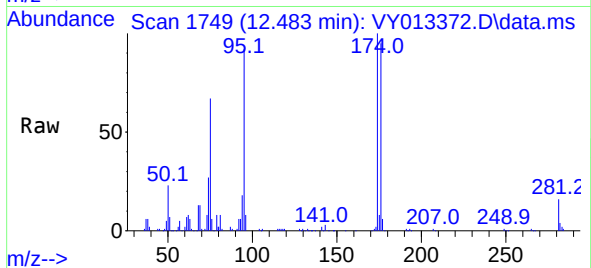




#76
1,2,3-Trichloropropane
Concen: 21.191 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY013372.D
Acq: 20 Apr 2023 16:47

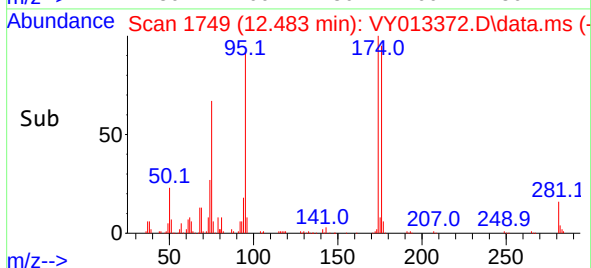
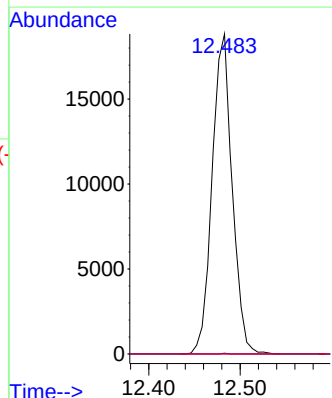
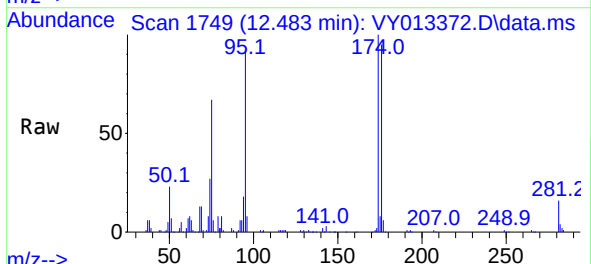
Instrument :
MSVOA_Y
ClientSampleId :

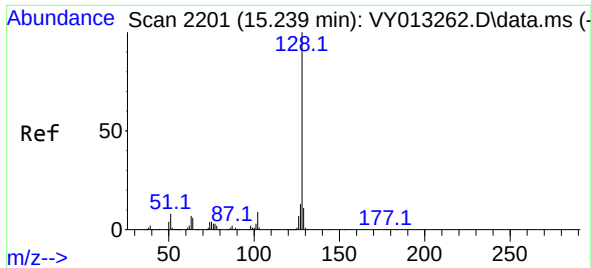
Tgt Ion: 75 Resp: 28611
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 43.981 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY013372.D
Acq: 20 Apr 2023 16:47

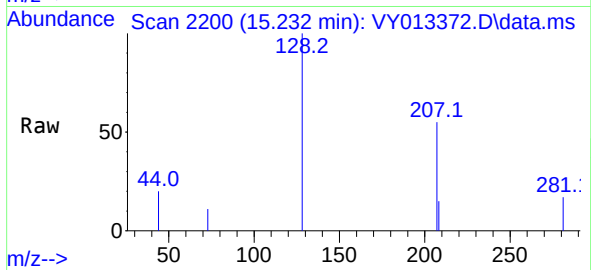
Tgt Ion: 75 Resp: 28611
Ion Ratio Lower Upper
75 100
53 0.1 73.4 110.0#
89 0.0 36.6 55.0#





#95
Naphthalene
Concen: 3.323 ug/l
RT: 15.232 min Scan# 21
Delta R.T. -0.007 min
Lab File: VY013372.D
Acq: 20 Apr 2023 16:47

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	128	Resp:	602
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#

