

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082523\
 Data File : VY015336.D
 Acq On : 25 Aug 2023 12:43
 Operator : SY/MD
 Sample : 04091-13
 Misc : 4.39g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 25 13:45:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

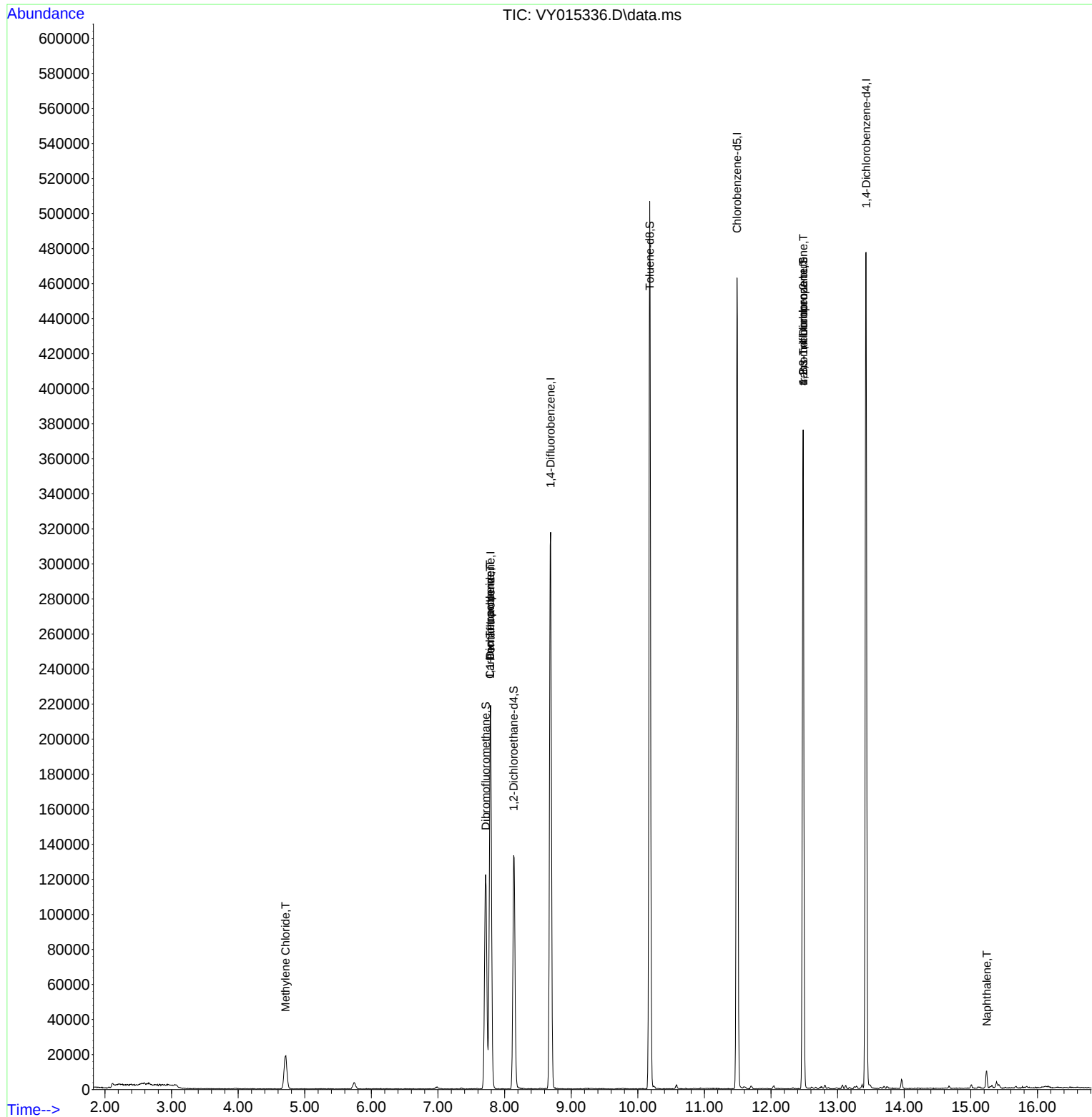
Internal Standards						
1) Pentafluorobenzene	7.789	168	167589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	280015	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	254540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	124187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	107100	53.237	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.480%	
35) Dibromofluoromethane	7.716	113	87674	48.669	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.340%	
50) Toluene-d8	10.179	98	324751	48.427	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.860%	
62) 4-Bromofluorobenzene	12.483	95	113376	46.288	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.580%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.894	85	20	Below Cal	#	43
3) Chloromethane	2.113	50	502	Below Cal		91
5) Bromomethane	2.656	94	332	Below Cal	#	38
11) Tert butyl alcohol	4.954	59	111	Below Cal	#	89
20) Methylene Chloride	4.710	84	14221	5.150	ug/l	96
31) Cyclohexane	7.789	56	3815	Below Cal	#	32
36) 1,1-Dichloropropene	7.783	75	13036	6.541	ug/l #	51
38) Carbon Tetrachloride	7.783	117	16368	6.940	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	61649	40.860	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	61649	89.749	ug/l #	10
95) Naphthalene	15.239	128	8478	1.470	ug/l	98

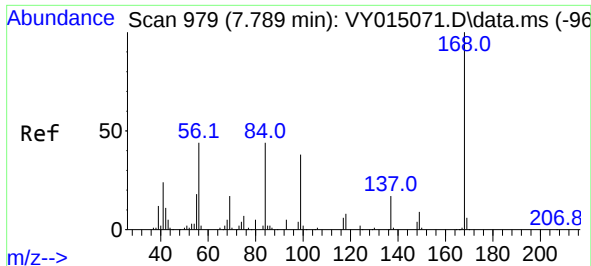
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

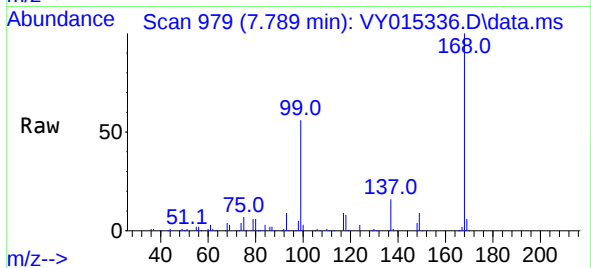
Quant Time: Aug 25 13:45:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 2023
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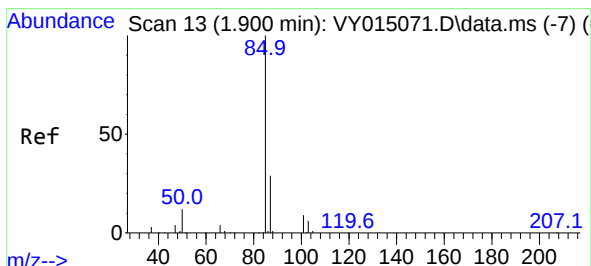
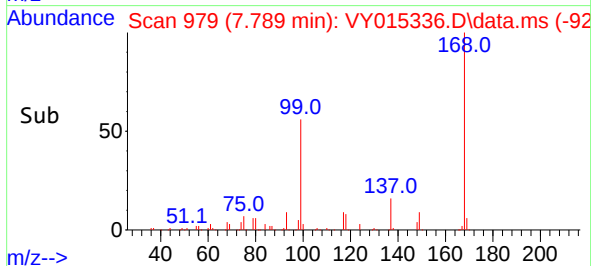
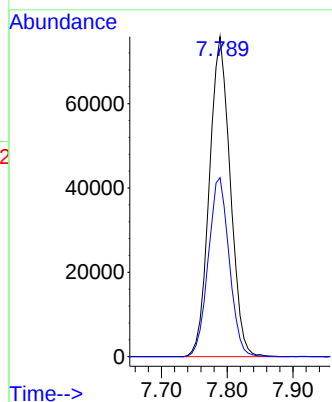


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015336.D
Acq: 25 Aug 2023 12:43

Instrument :
MSVOA_Y
ClientSampleId :

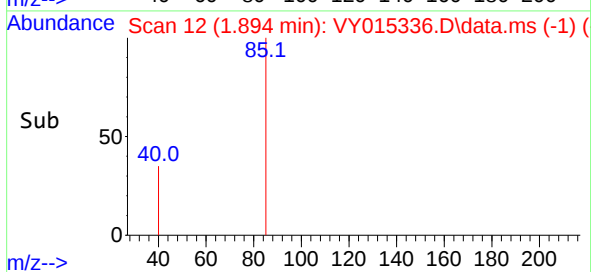
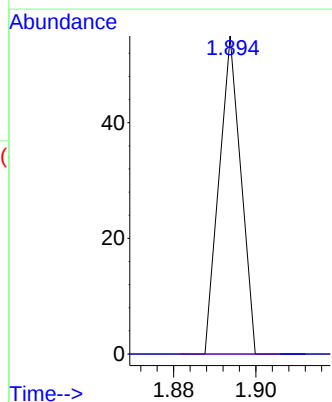
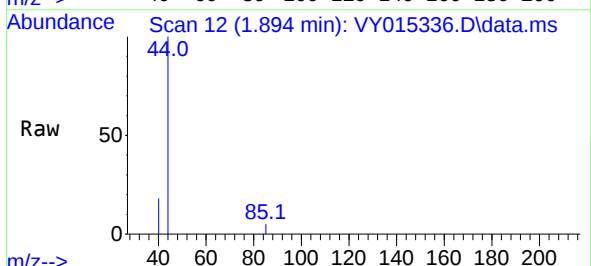


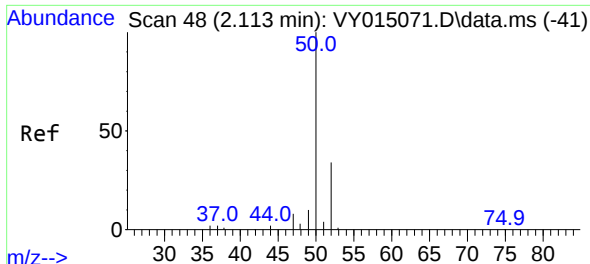
Tgt Ion:168 Resp: 167589
Ion Ratio Lower Upper
168 100
99 56.0 43.4 65.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.894 min Scan# 12
Delta R.T. -0.006 min
Lab File: VY015336.D
Acq: 25 Aug 2023 12:43

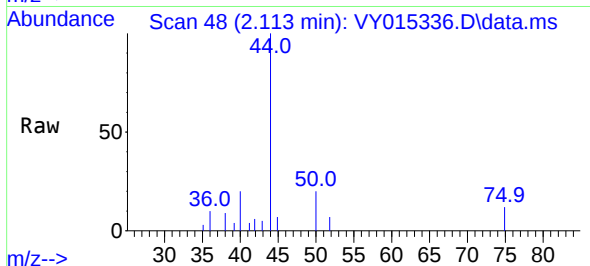
Tgt Ion: 85 Resp: 20
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#



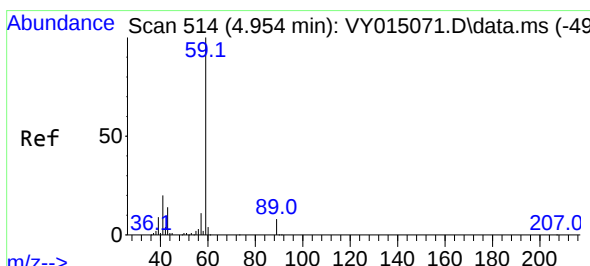
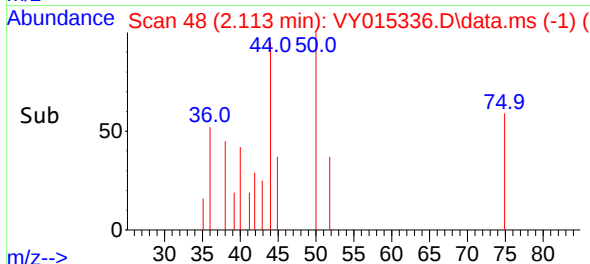
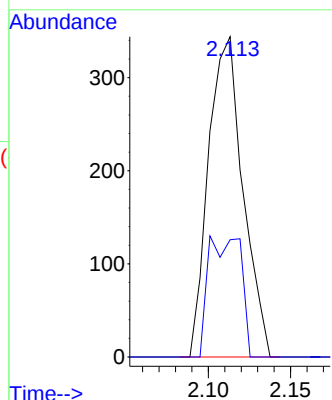


#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015336.D
Acq: 25 Aug 2023 12:43

Instrument :
MSVOA_Y
ClientSampleId :

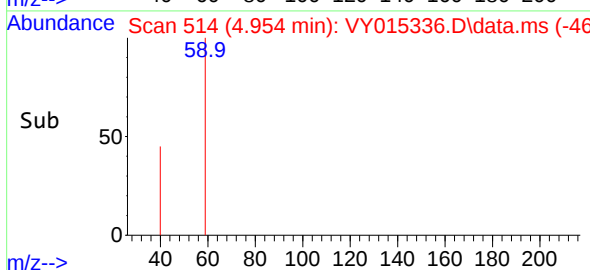
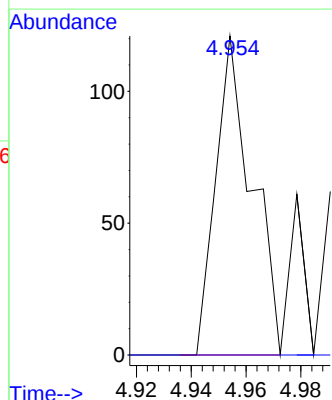
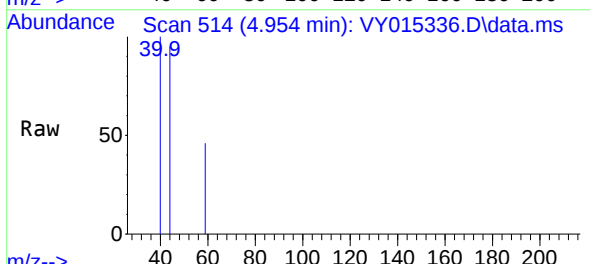


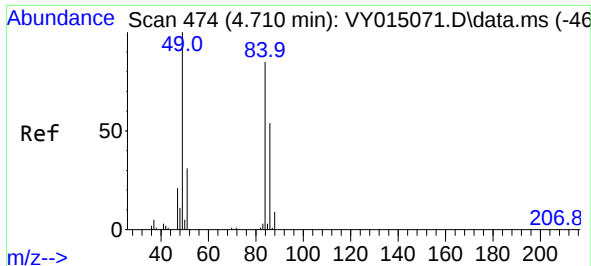
Tgt Ion: 50 Resp: 502
Ion Ratio Lower Upper
50 100
52 36.6 25.4 38.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY015336.D
Acq: 25 Aug 2023 12:43

Tgt Ion: 59 Resp: 111
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



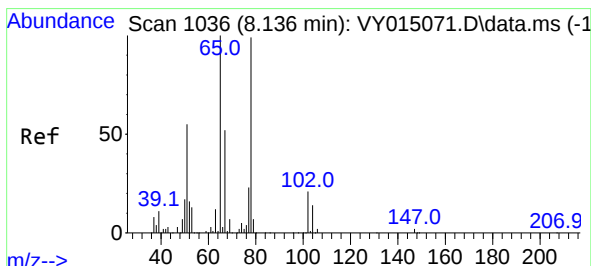
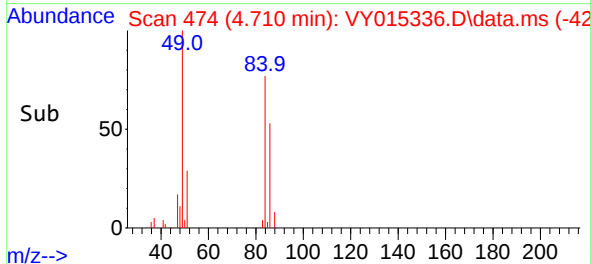
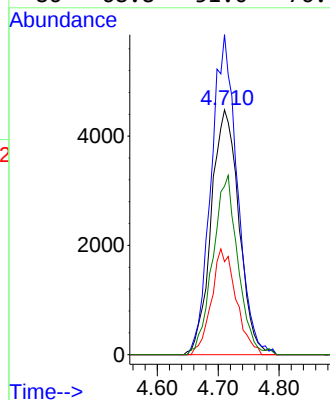
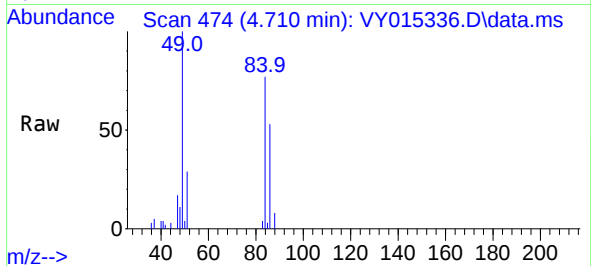


#20
Methylene Chloride
Concen: 5.150 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY015336.D
Acq: 25 Aug 2023 12:43

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 14221

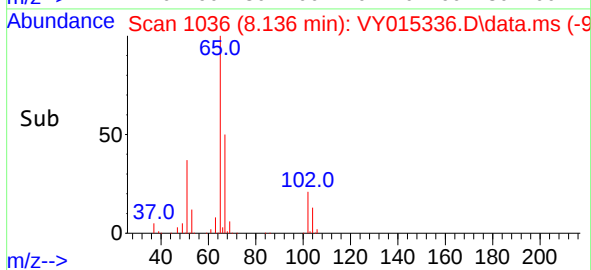
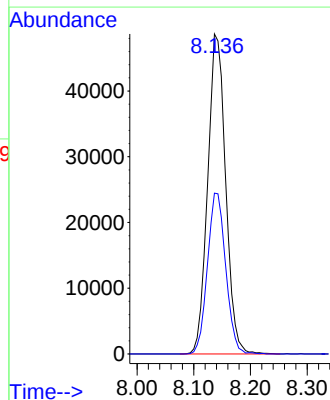
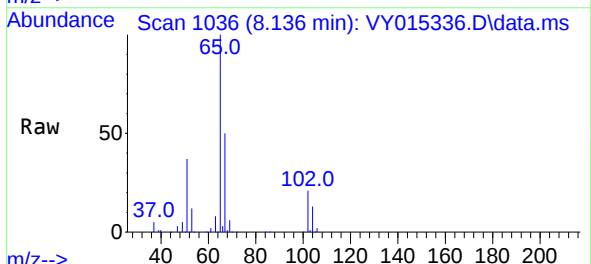
Ion	Ratio	Lower	Upper
84	100		
49	130.7	106.9	160.3
51	38.0	33.2	49.8
86	68.8	51.0	76.6

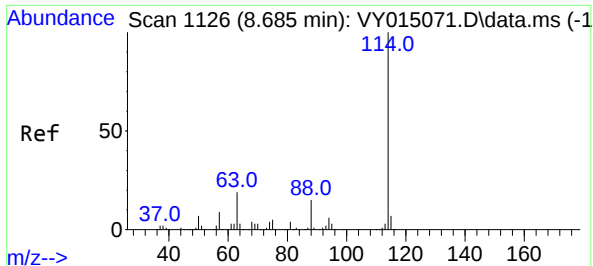


#33
1,2-Dichloroethane-d4
Concen: 53.237 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015336.D
Acq: 25 Aug 2023 12:43

Tgt Ion: 65 Resp: 107100

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015336.D

Acq: 25 Aug 2023 12:43

Instrument :

MSVOA_Y

ClientSampleId :

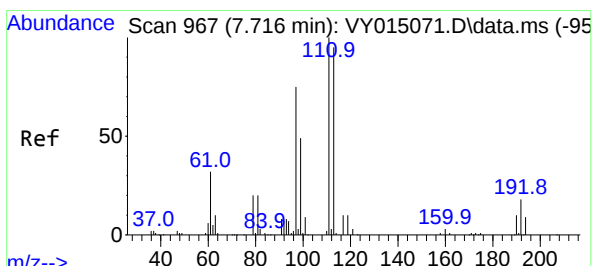
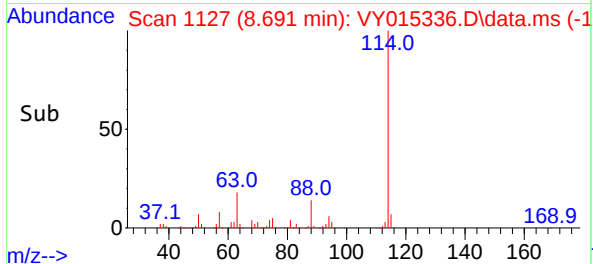
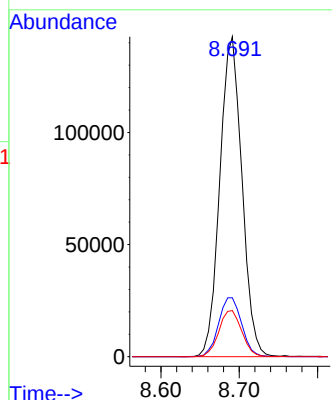
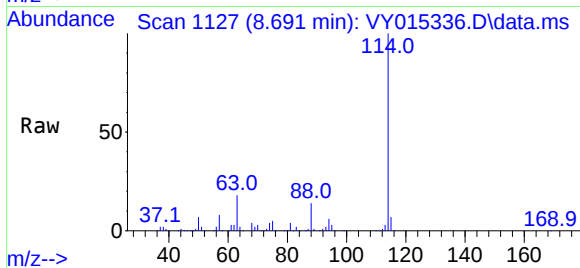
Tgt Ion:114 Resp: 280015

Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 14.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.669 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY015336.D

Acq: 25 Aug 2023 12:43

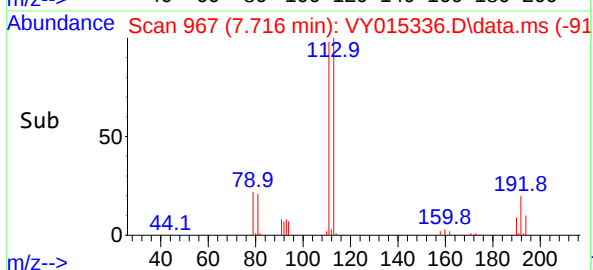
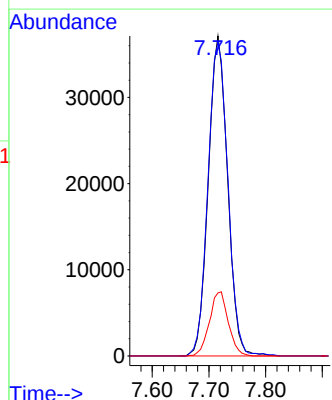
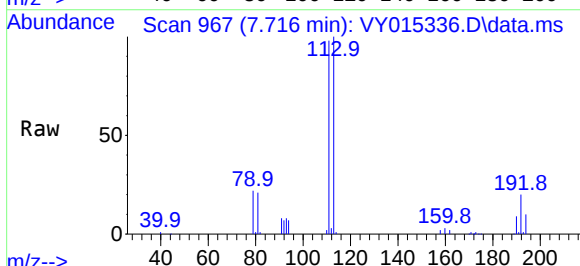
Tgt Ion:113 Resp: 87674

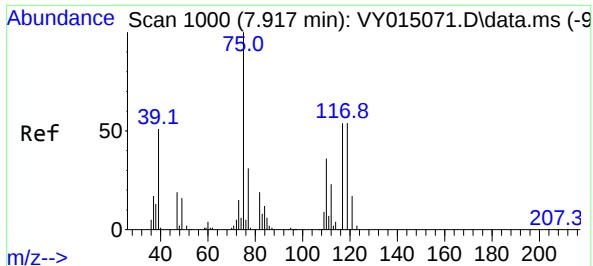
Ion Ratio Lower Upper

113 100

111 101.5 81.3 121.9

192 19.6 16.9 25.3





#36

1,1-Dichloropropene

Concen: 6.541 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

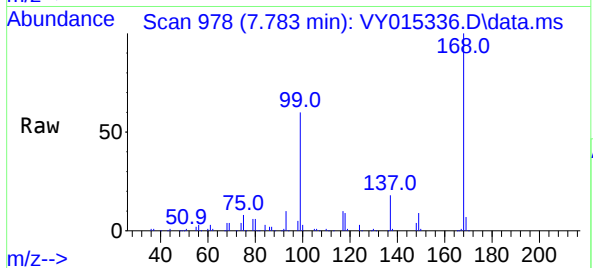
Lab File: VY015336.D

Acq: 25 Aug 2023 12:43

Instrument :

MSVOA_Y

ClientSampleId :



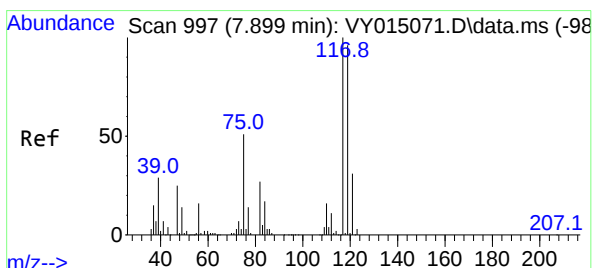
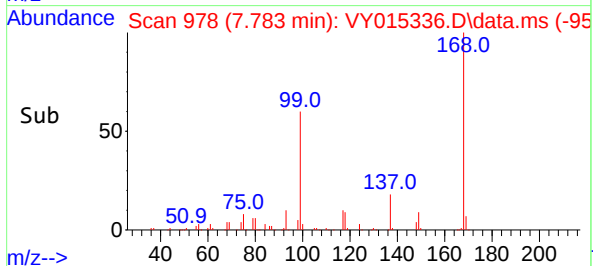
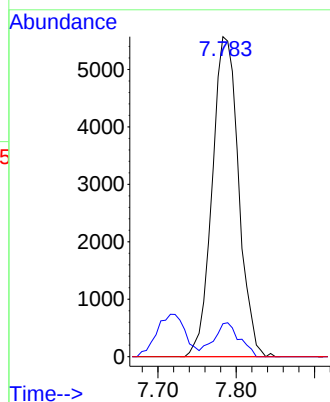
Tgt Ion: 75 Resp: 13036

Ion Ratio Lower Upper

75 100

110 10.3 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.940 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY015336.D

Acq: 25 Aug 2023 12:43

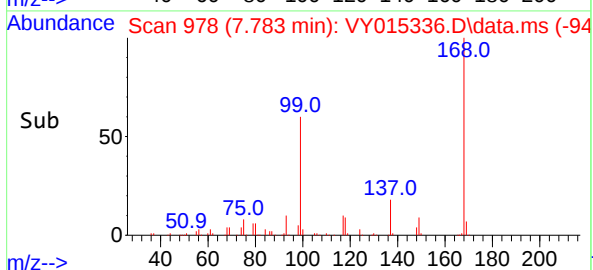
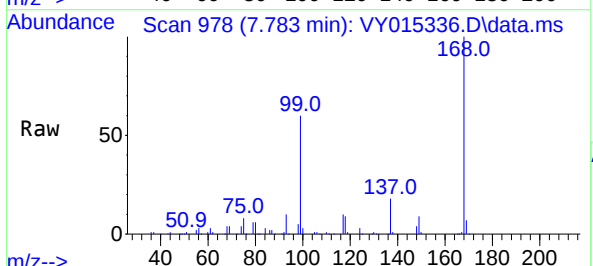
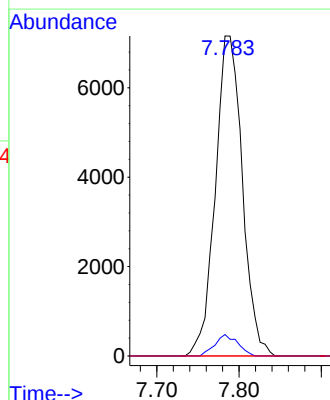
Tgt Ion: 117 Resp: 16368

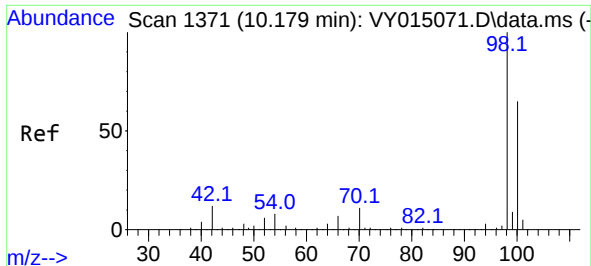
Ion Ratio Lower Upper

117 100

119 6.7 76.4 114.6#

121 0.0 25.8 38.6#

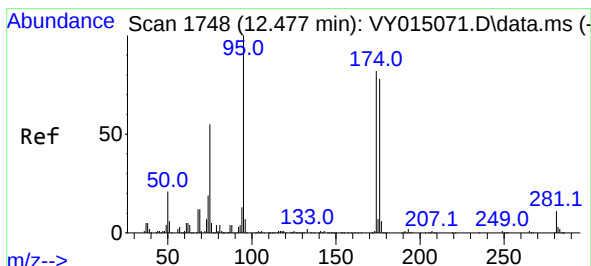
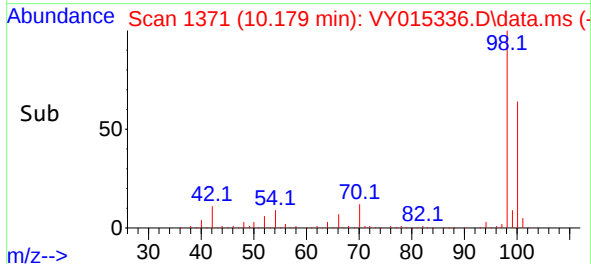
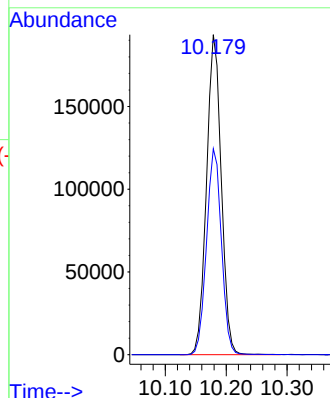
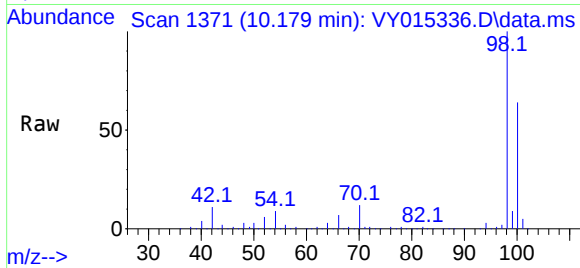




#50
Toluene-d8
Concen: 48.427 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015336.D
Acq: 25 Aug 2023 12:43

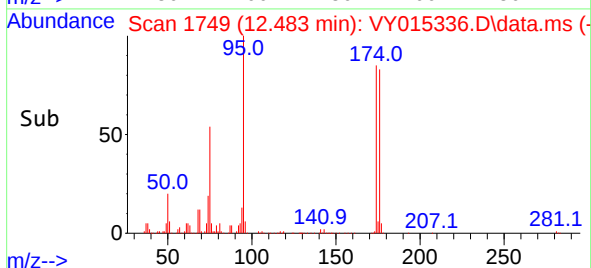
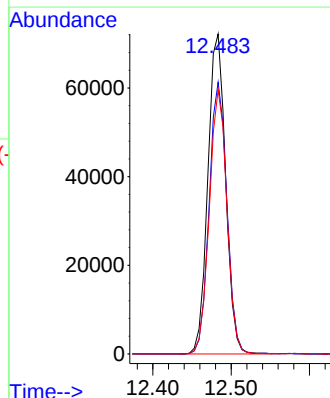
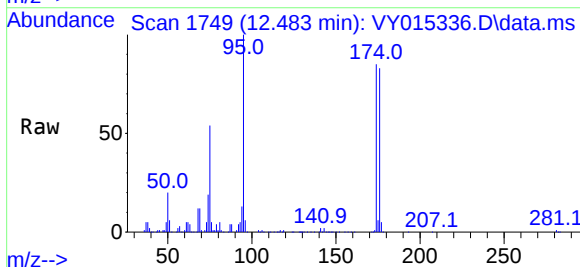
Instrument :
MSVOA_Y
ClientSampleId :

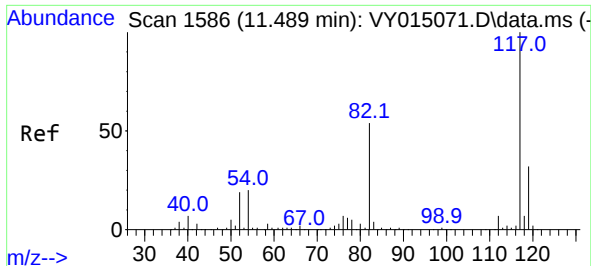
Tgt Ion: 98 Resp: 324751
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.288 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015336.D
Acq: 25 Aug 2023 12:43

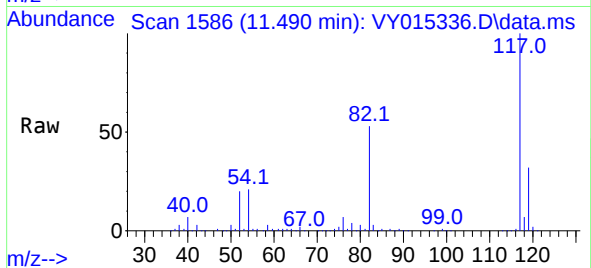
Tgt Ion: 95 Resp: 113376
Ion Ratio Lower Upper
95 100
174 84.9 0.0 178.2
176 81.8 0.0 173.8



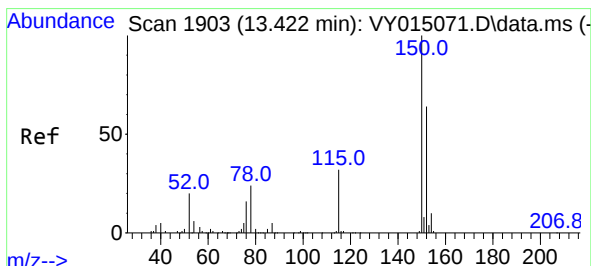
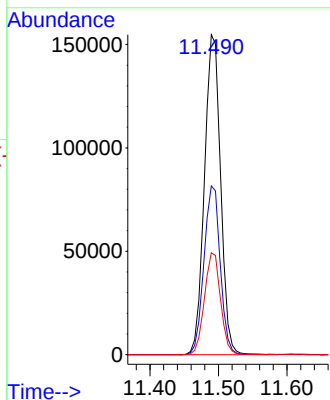
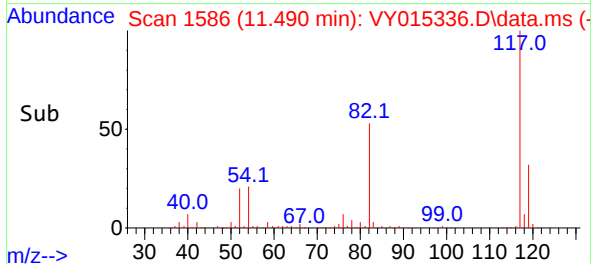


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015336.D
Acq: 25 Aug 2023 12:43

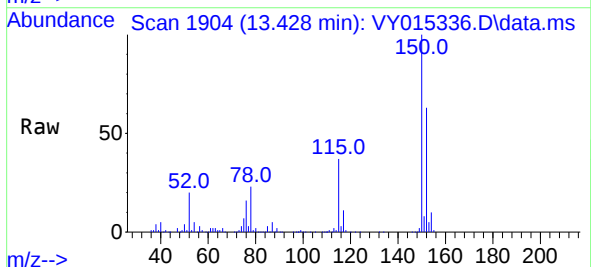
Instrument :
MSVOA_Y
ClientSampleId :



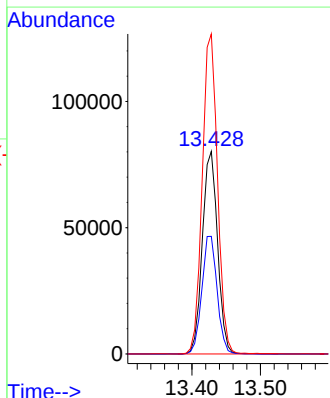
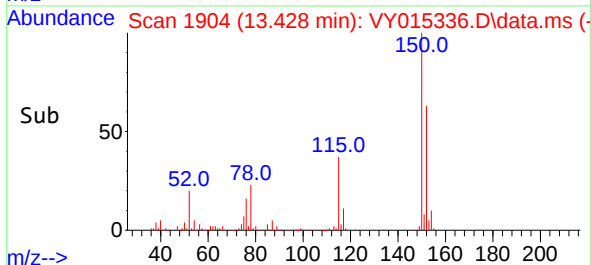
Tgt Ion:117 Resp: 254540
Ion Ratio Lower Upper
117 100
82 52.8 43.4 65.0
119 31.8 26.3 39.5

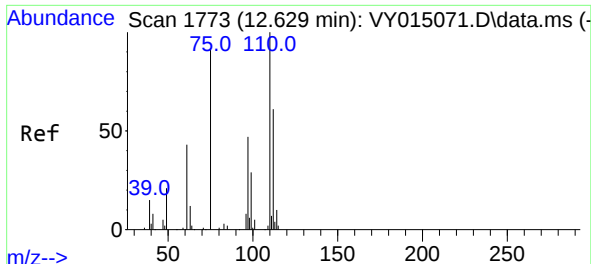


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015336.D
Acq: 25 Aug 2023 12:43



Tgt Ion:152 Resp: 124187
Ion Ratio Lower Upper
152 100
115 58.3 28.8 86.5
150 158.4 0.0 348.8

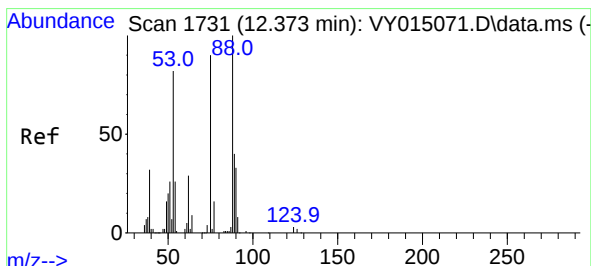
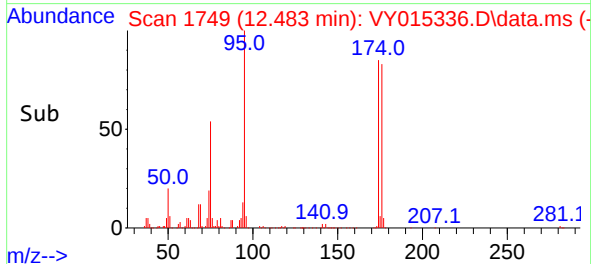
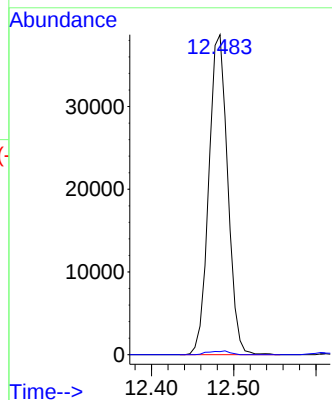
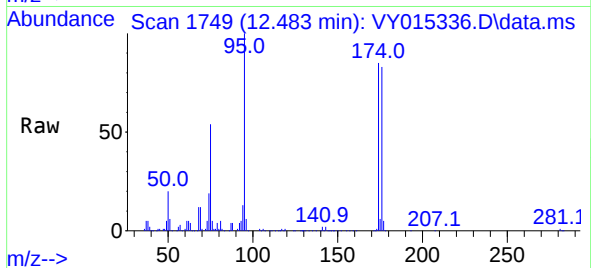




#76
1,2,3-Trichloropropane
Concen: 40.860 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY015336.D
Acq: 25 Aug 2023 12:43

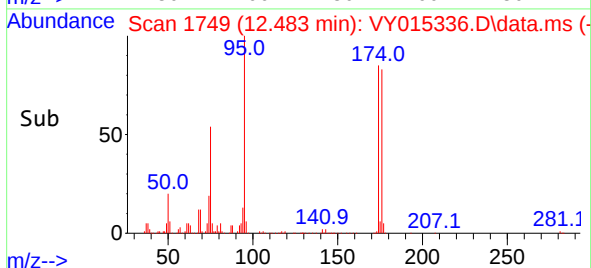
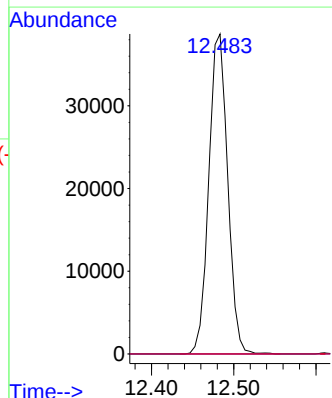
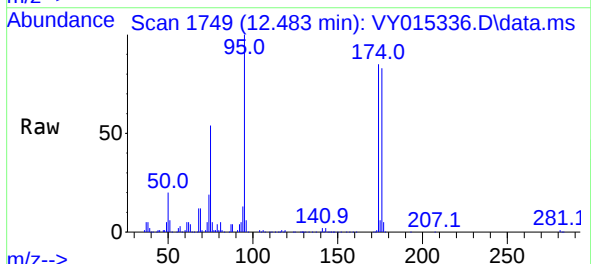
Instrument :
MSVOA_Y
ClientSampleId :

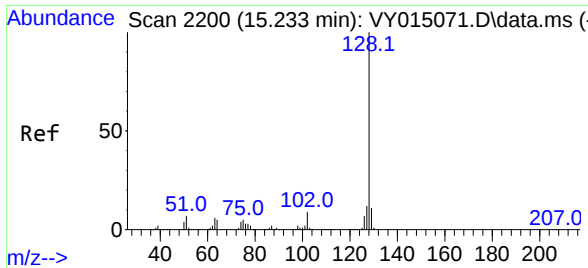
Tgt Ion: 75 Resp: 61649
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.749 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.110 min
Lab File: VY015336.D
Acq: 25 Aug 2023 12:43

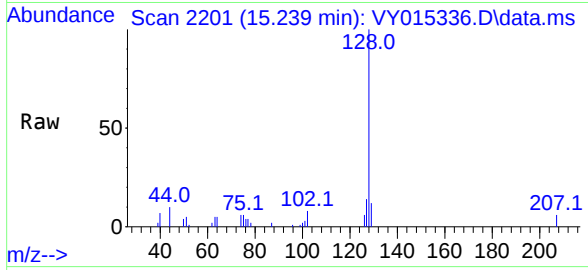
Tgt Ion: 75 Resp: 61649
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#





#95
Naphthalene
Concen: 1.470 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY015336.D
Acq: 25 Aug 2023 12:43

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 8478
Ion Ratio Lower Upper
128 100
127 12.4 10.8 16.2
129 10.5 8.6 13.0

