

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122022\
 Data File : VY011921.D
 Acq On : 20 Dec 2022 14:51
 Operator : KP/MD
 Sample : N6086-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-141522

Quant Time: Dec 20 15:35:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	255235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	416047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	360870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	158929	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	149118	57.990	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.980%
35) Dibromofluoromethane	7.716	113	134580	53.731	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.460%
50) Toluene-d8	10.179	98	521696	51.337	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.680%
62) 4-Bromofluorobenzene	12.483	95	164166	48.033	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.060%

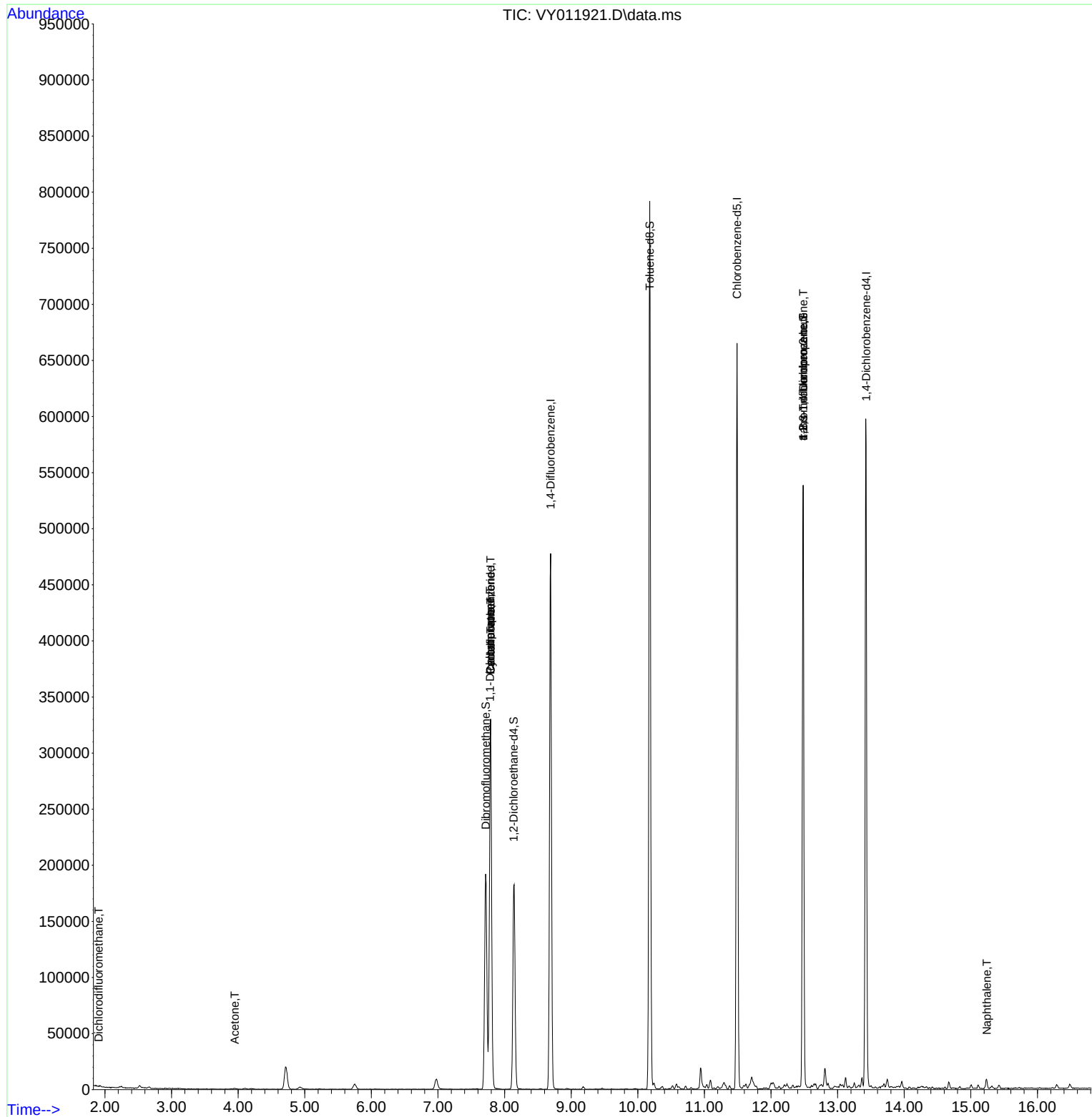
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	233	2.576	ug/l	# 41
11) Tert butyl alcohol	4.936	59	2142	Below Cal		# 74
16) Acetone	3.948	43	1308	6.545	ug/l	91
20) Methylene Chloride	4.716	84	16112	Below Cal		92
31) Cyclohexane	7.789	56	5182	1.197	ug/l	# 3
36) 1,1-Dichloropropene	7.783	75	18657	4.644	ug/l	# 50
38) Carbon Tetrachloride	7.789	117	25436	5.482	ug/l	# 18
76) 1,2,3-Trichloropropane	12.483	75	85792	43.382	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	85792	118.801	ug/l	# 13
95) Naphthalene	15.239	128	7684	4.018	ug/l	99

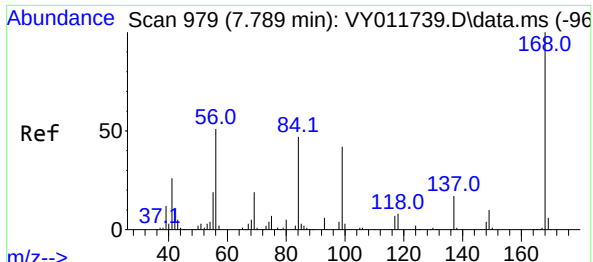
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_Y
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CL-01-141522

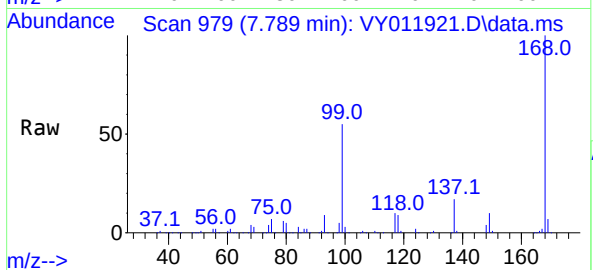
Quant Time: Dec 20 15:35:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 20 12:37:37 2022
Response via : Initial Calibration



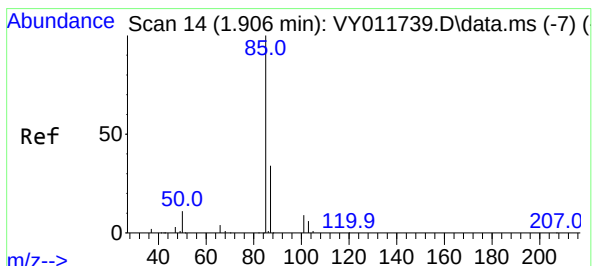
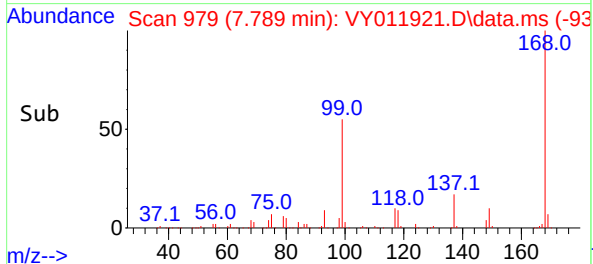
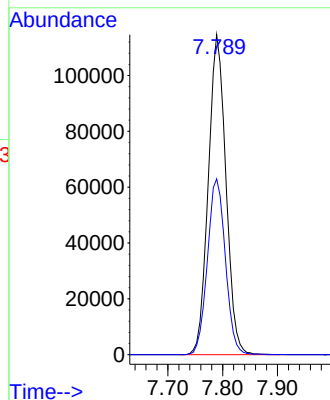


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011921.D
Acq: 20 Dec 2022 14:51

Instrument :
MSVOA_Y
ClientSampleId :
CL-01-141522

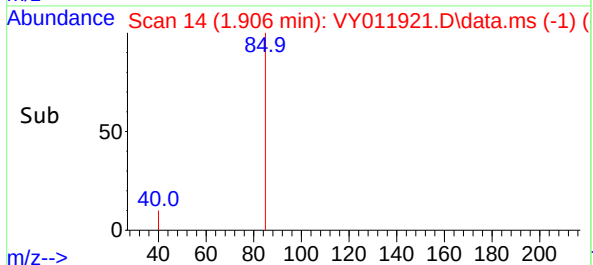
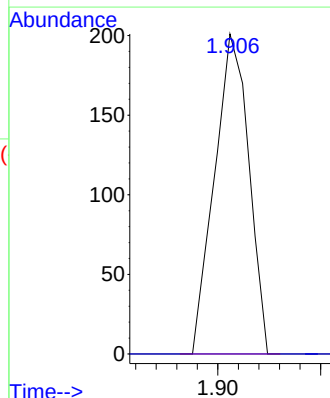
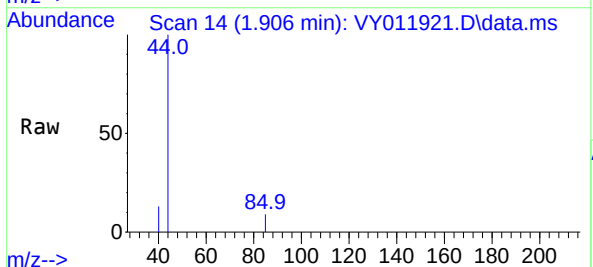


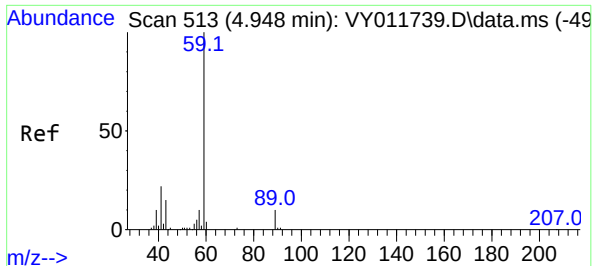
Tgt Ion:168 Resp: 255235
Ion Ratio Lower Upper
168 100
99 54.9 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 2.576 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011921.D
Acq: 20 Dec 2022 14:51

Tgt Ion: 85 Resp: 233
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.936 min Scan# 511

Delta R.T. -0.012 min

Lab File: VY011921.D

Acq: 20 Dec 2022 14:51

Instrument :

MSVOA_Y

ClientSampleId :

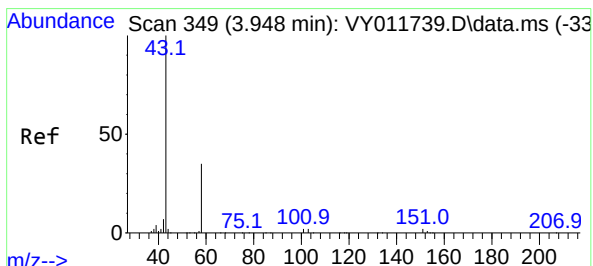
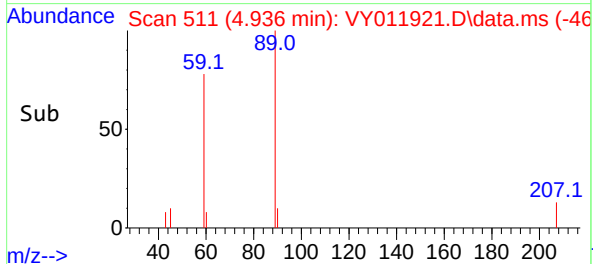
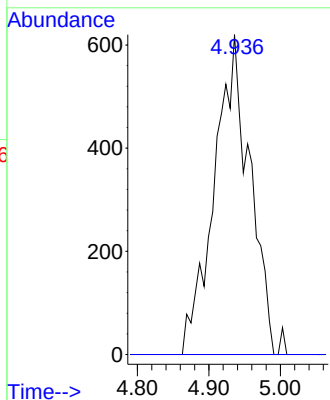
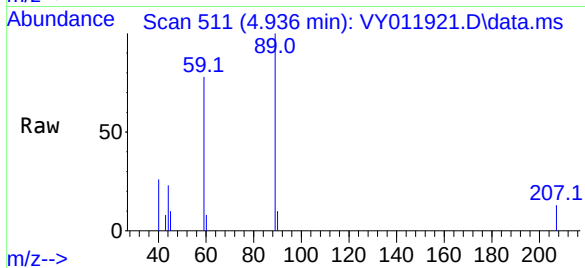
CL-01-141522

Tgt Ion: 59 Resp: 2142

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#16

Acetone

Concen: 6.545 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY011921.D

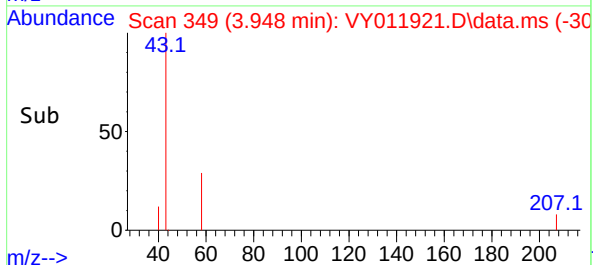
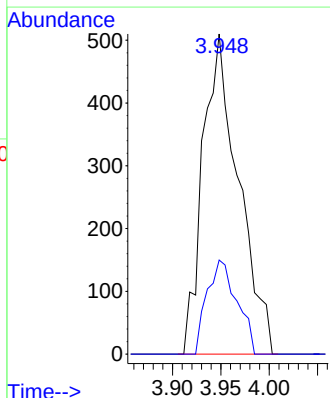
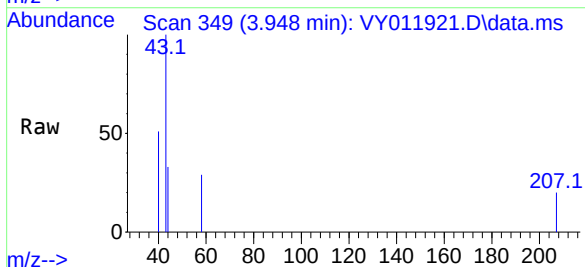
Acq: 20 Dec 2022 14:51

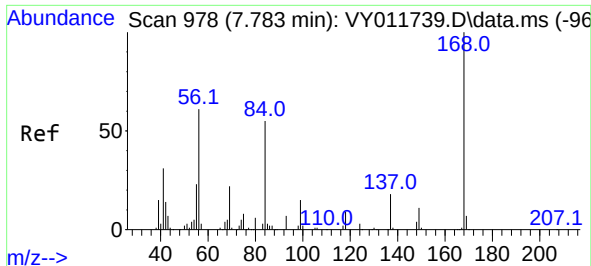
Tgt Ion: 43 Resp: 1308

Ion Ratio Lower Upper

43 100

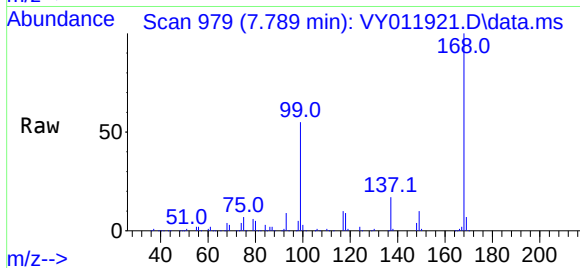
58 29.4 27.9 41.9



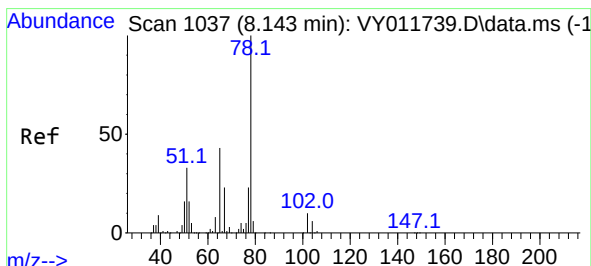
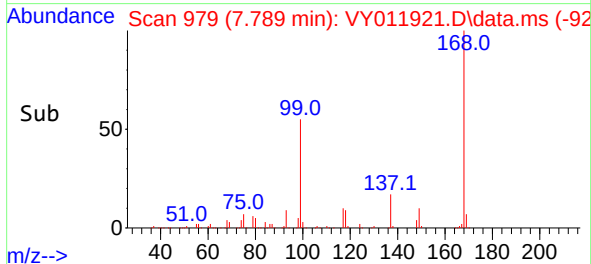
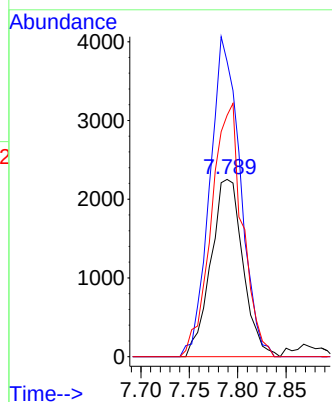


#31
Cyclohexane
Concen: 1.197 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011921.D
Acq: 20 Dec 2022 14:51

Instrument :
MSVOA_Y
ClientSampleId :
CL-01-141522

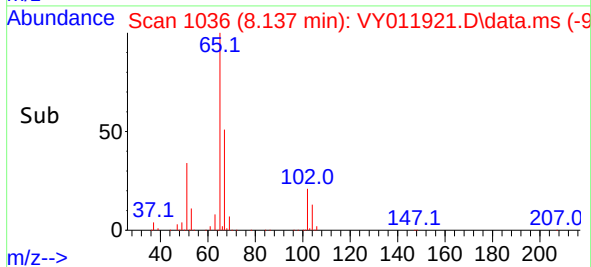
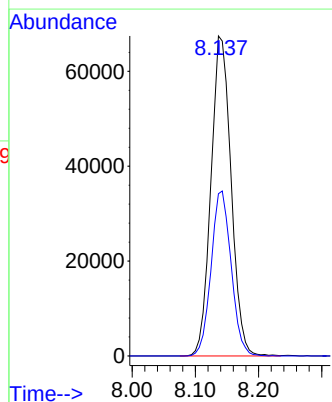
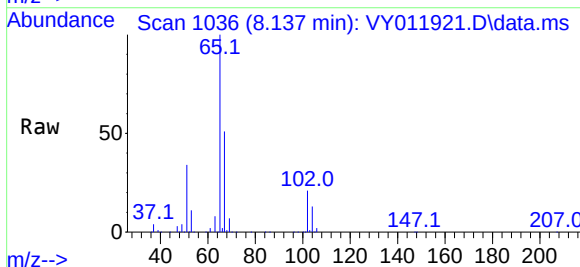


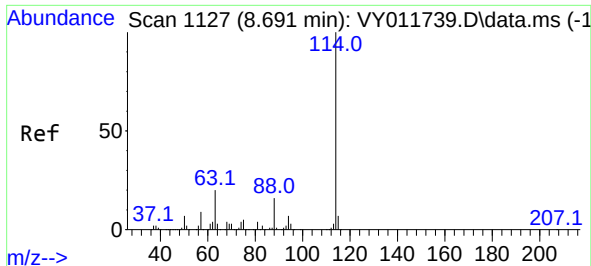
Tgt Ion: 56 Resp: 5182
Ion Ratio Lower Upper
56 100
69 166.5 29.2 43.8#
84 136.1 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 57.990 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY011921.D
Acq: 20 Dec 2022 14:51

Tgt Ion: 65 Resp: 149118
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011921.D

Acq: 20 Dec 2022 14:51

Instrument :

MSVOA_Y

ClientSampleId :

CL-01-141522

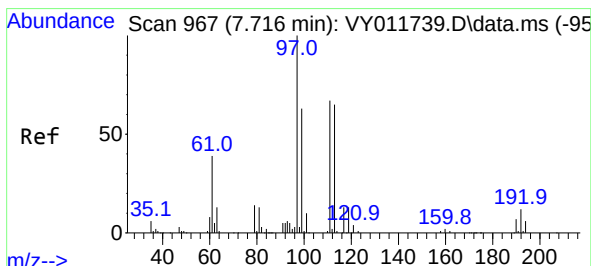
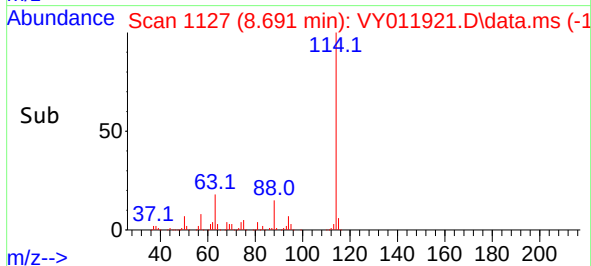
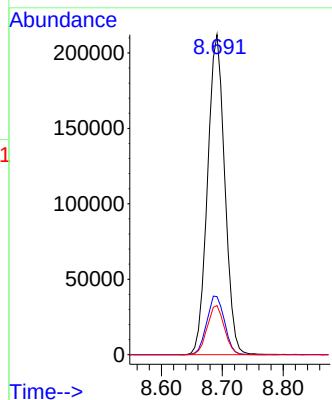
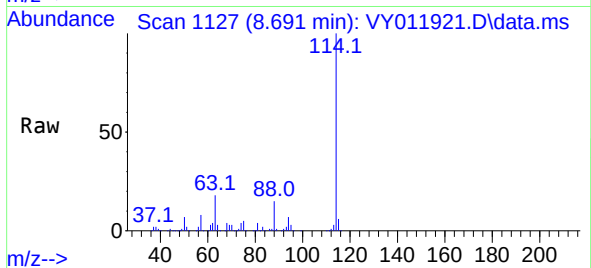
Tgt Ion:114 Resp: 416047

Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.6

88 15.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 53.731 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011921.D

Acq: 20 Dec 2022 14:51

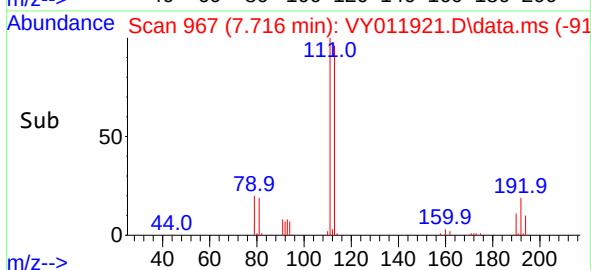
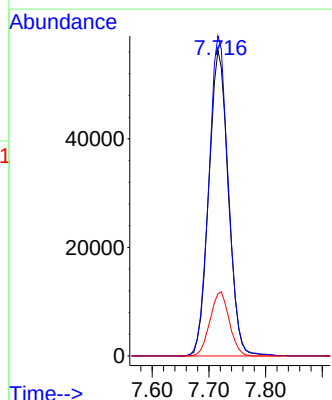
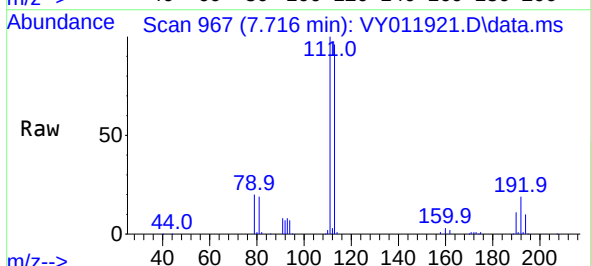
Tgt Ion:113 Resp: 134580

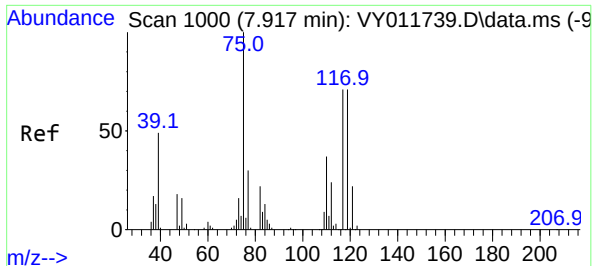
Ion Ratio Lower Upper

113 100

111 104.2 83.0 124.4

192 20.7 16.0 24.0

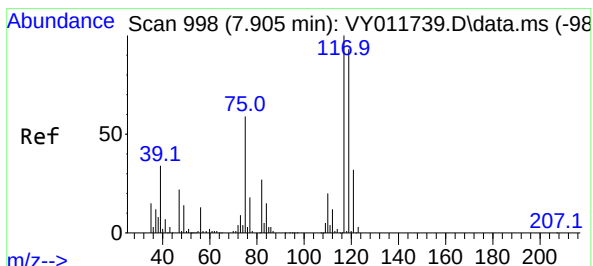
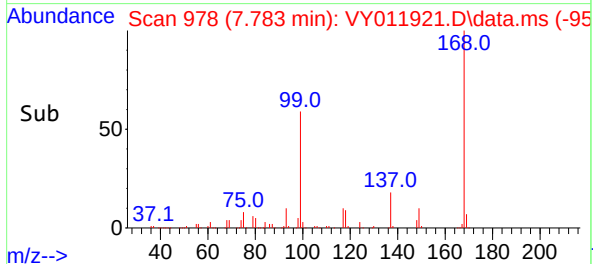
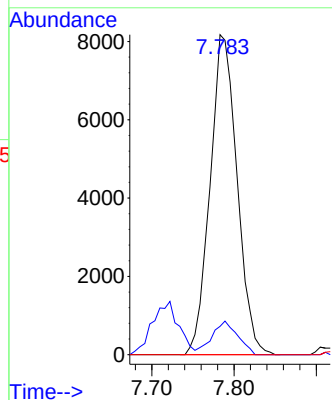
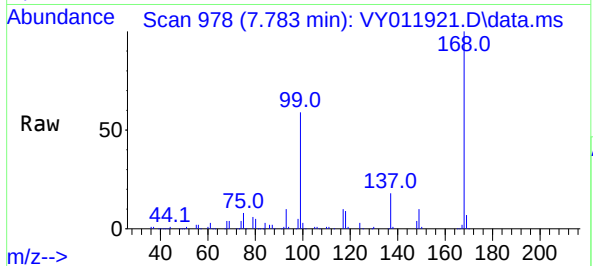




#36
1,1-Dichloropropene
Concen: 4.644 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY011921.D
Acq: 20 Dec 2022 14:51

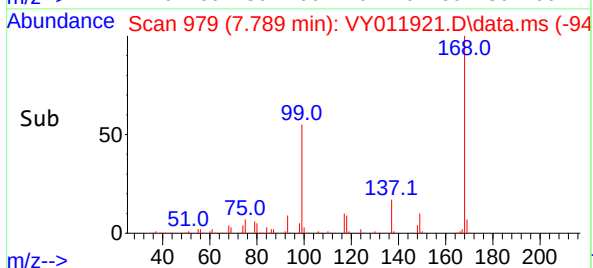
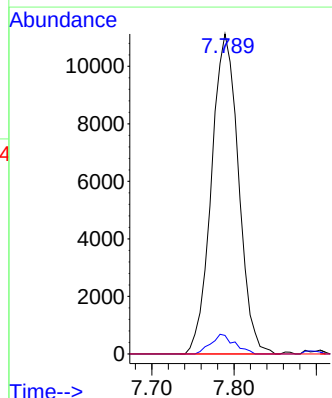
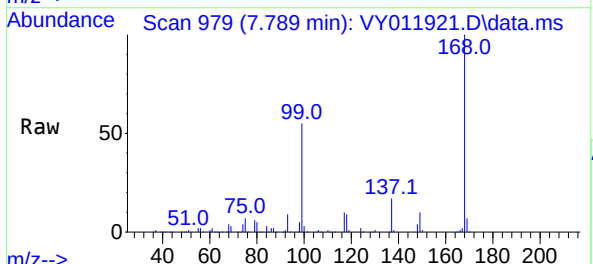
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-141522

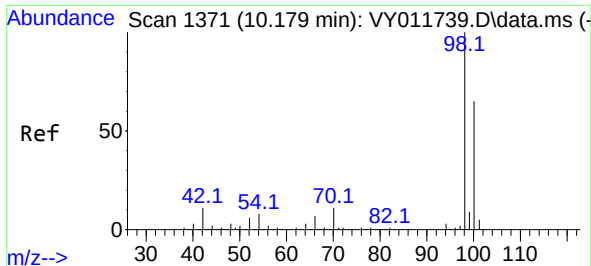
Tgt Ion: 75 Resp: 18657
Ion Ratio Lower Upper
75 100
110 10.0 18.1 54.1#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.482 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY011921.D
Acq: 20 Dec 2022 14:51

Tgt Ion: 117 Resp: 25436
Ion Ratio Lower Upper
117 100
119 5.8 73.8 110.8#
121 0.0 25.2 37.8#

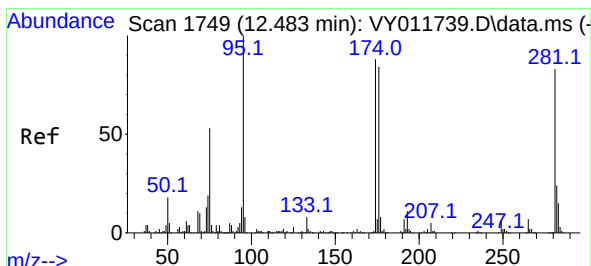
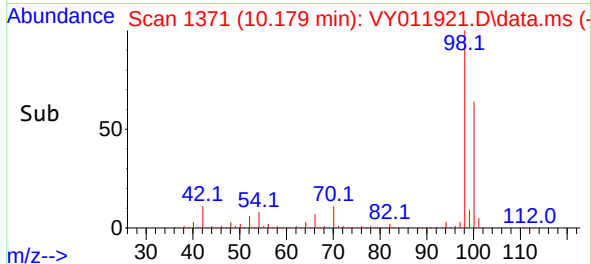
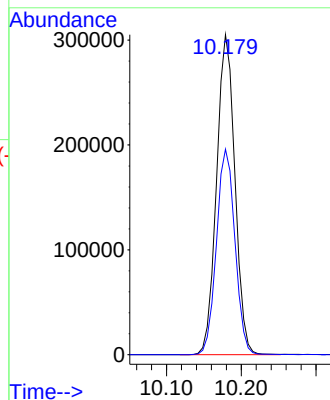
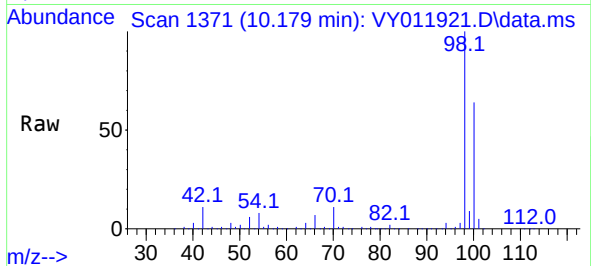




#50
Toluene-d8
Concen: 51.337 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011921.D
Acq: 20 Dec 2022 14:51

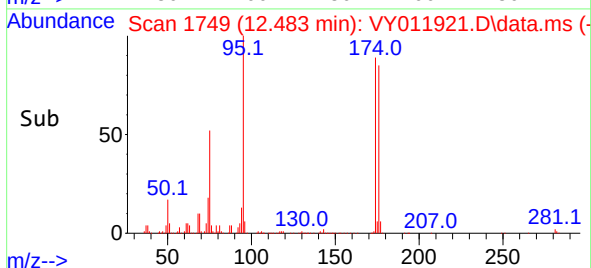
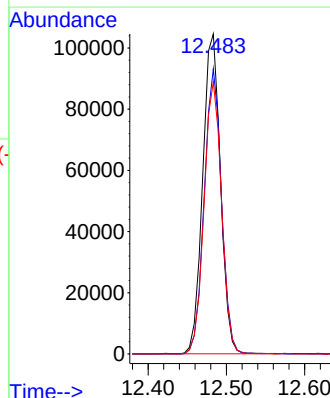
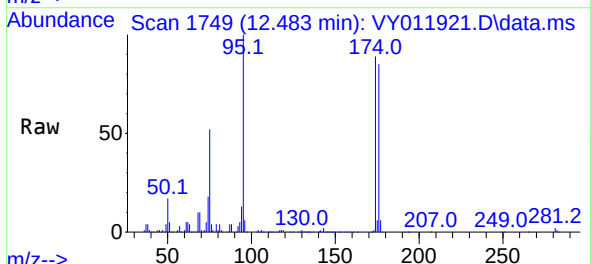
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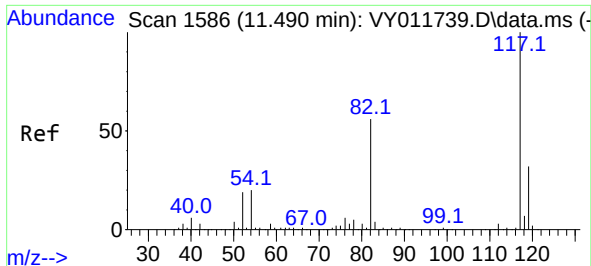
Tgt Ion: 98 Resp: 521696
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 48.033 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011921.D
Acq: 20 Dec 2022 14:51

Tgt Ion: 95 Resp: 164166
Ion Ratio Lower Upper
95 100
174 86.9 0.0 172.0
176 84.1 0.0 167.6

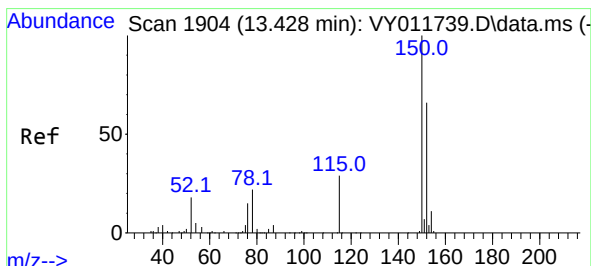
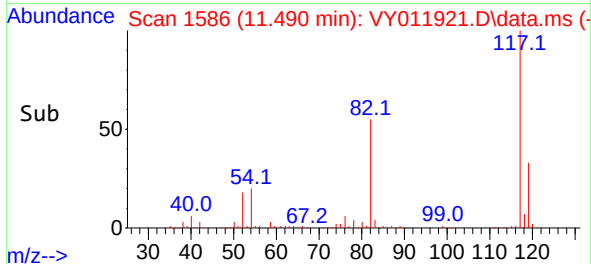
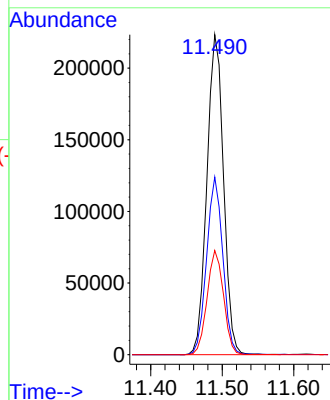
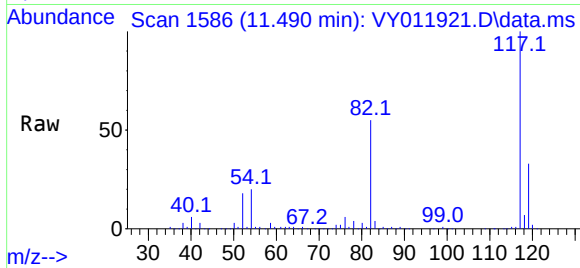




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY011921.D
Acq: 20 Dec 2022 14:51

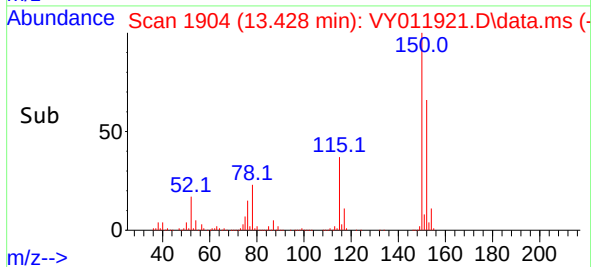
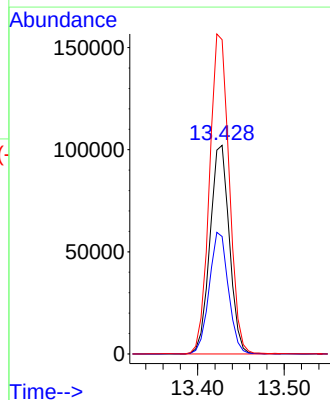
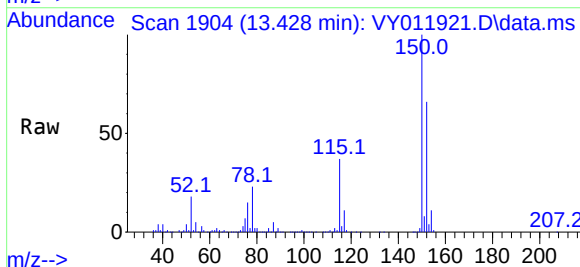
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-141522

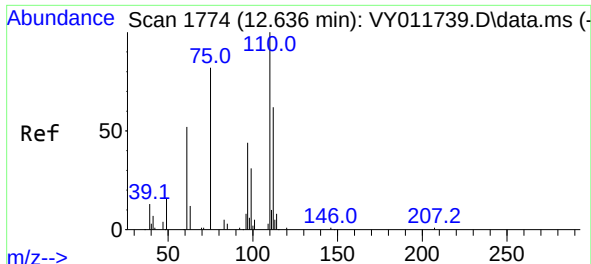
Tgt Ion:117 Resp: 360870
Ion Ratio Lower Upper
117 100
82 55.5 44.8 67.2
119 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011921.D
Acq: 20 Dec 2022 14:51

Tgt Ion:152 Resp: 158929
Ion Ratio Lower Upper
152 100
115 57.8 29.1 87.3
150 155.6 0.0 342.6

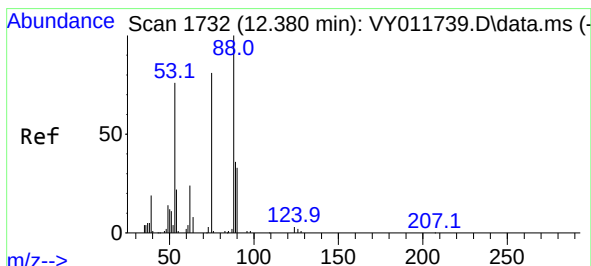
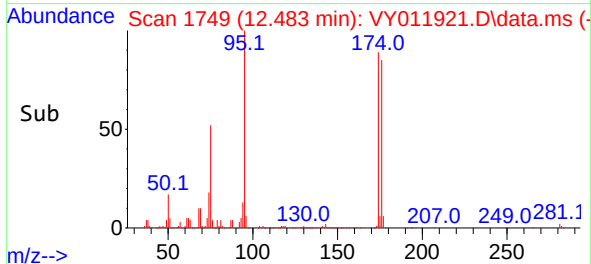
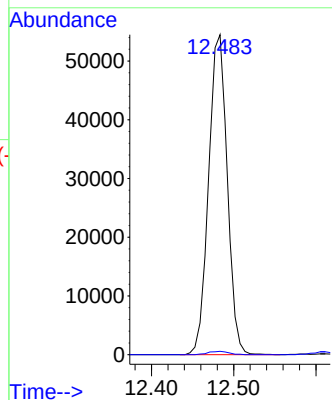
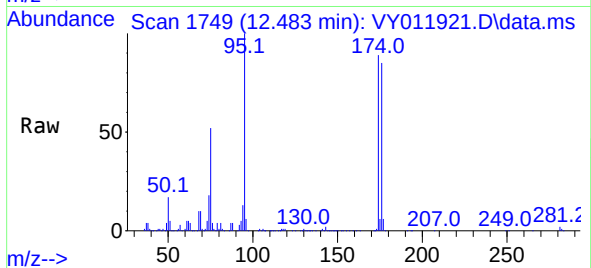




#76
1,2,3-Trichloropropane
Concen: 43.382 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY011921.D
Acq: 20 Dec 2022 14:51

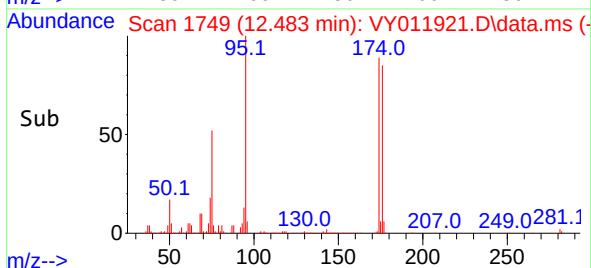
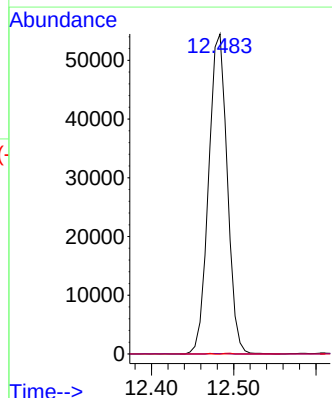
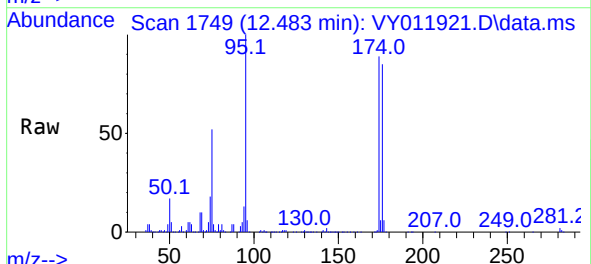
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-141522

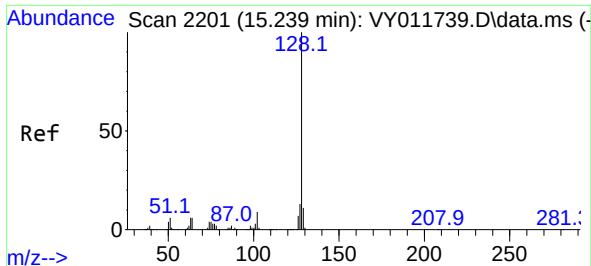
Tgt Ion: 75 Resp: 85792
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.801 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY011921.D
Acq: 20 Dec 2022 14:51

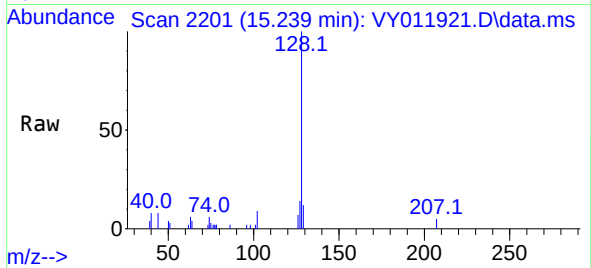
Tgt Ion: 75 Resp: 85792
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.1 37.0 55.4#





#95
Naphthalene
Concen: 4.018 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY011921.D
Acq: 20 Dec 2022 14:51

Instrument :
MSVOA_Y
ClientSampleId :
CL-01-141522



Tgt Ion:	128	Resp:	7684
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.5	8.8	13.2

