

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010323\
 Data File : VY012042.D
 Acq On : 03 Jan 2023 13:24
 Operator : KP/MD
 Sample : N6248-01
 Misc : 11.96g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-15

Quant Time: Jan 04 01:17:15 2023
 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)

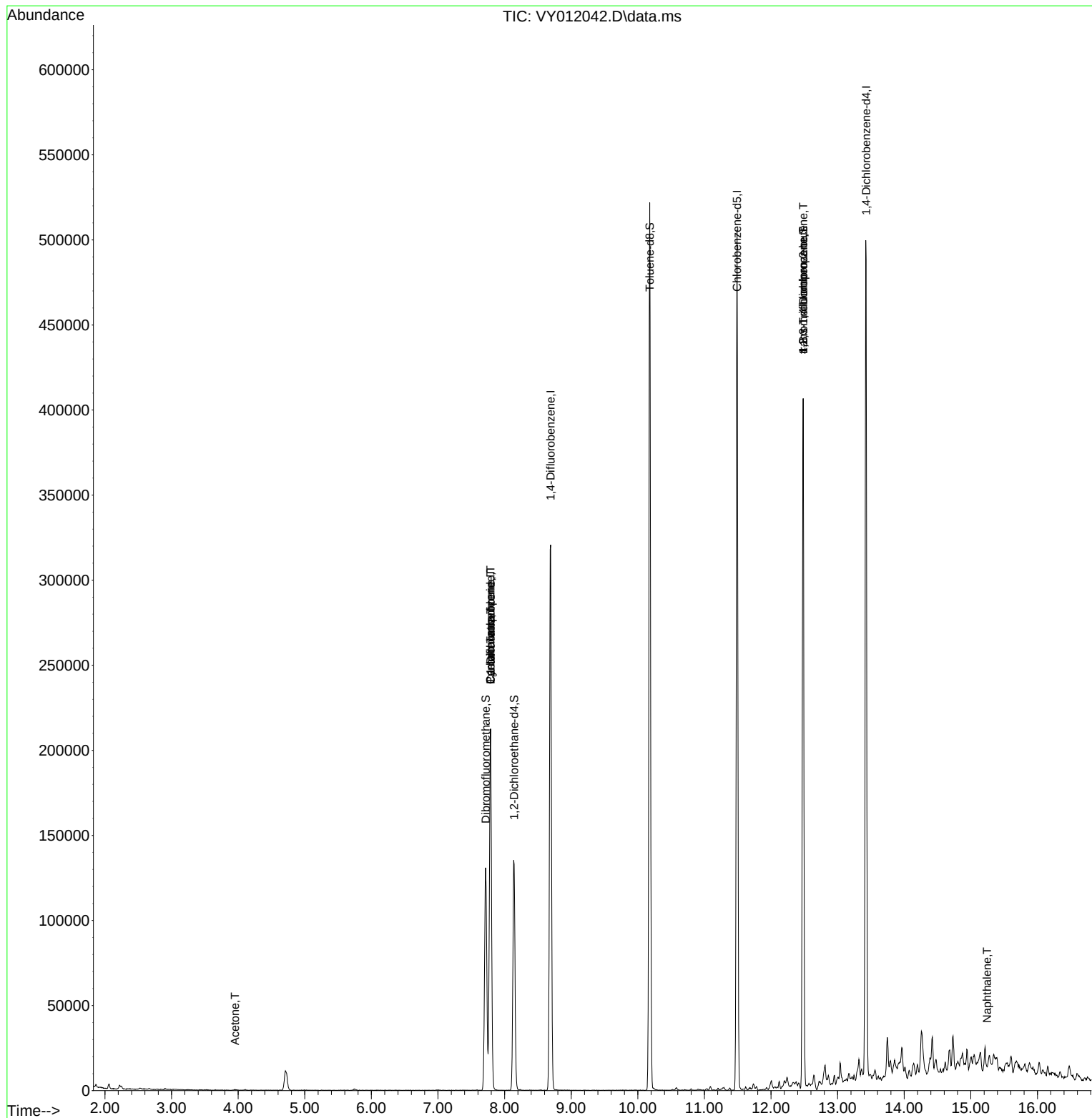
Internal Standards						
1) Pentafluorobenzene	7.789	168	162642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	283202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	273648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	133025	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	112904	68.903	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 137.800%		
35) Dibromofluoromethane	7.716	113	89886	52.720	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 105.440%		
50) Toluene-d8	10.179	98	344334	49.778	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 99.560%		
62) 4-Bromofluorobenzene	12.483	95	117645	50.568	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 101.140%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	39	Below Cal	#	74
16) Acetone	3.954	43	735	6.348	ug/l #	68
20) Methylene Chloride	4.716	84	9319	Below Cal		88
31) Cyclohexane	7.789	56	3152	1.143	ug/l #	15
36) 1,1-Dichloropropene	7.789	75	11376	4.160	ug/l #	50
38) Carbon Tetrachloride	7.789	117	16276	5.153	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	63670	38.465	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	63670	105.336	ug/l #	13
95) Naphthalene	15.245	128	1158	3.001	ug/l #	73

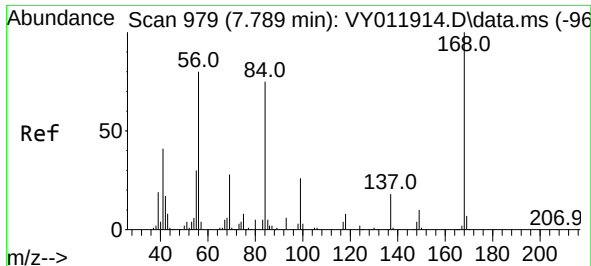
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 04 01:17:15 2023
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Quant Title : SW846 8260
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Response via : Initial Calibration

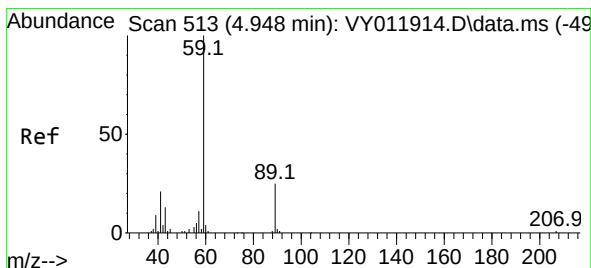
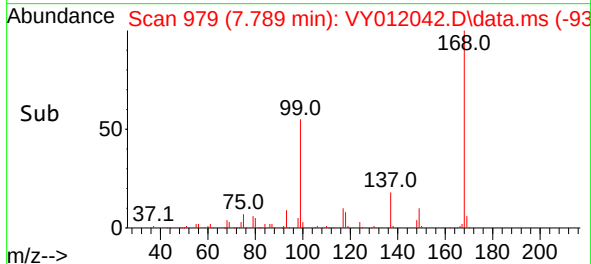
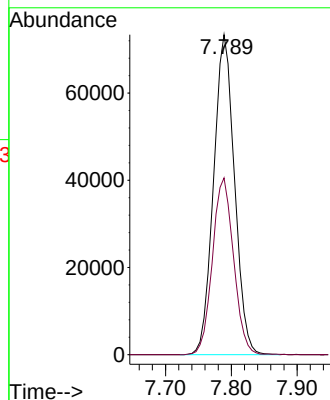
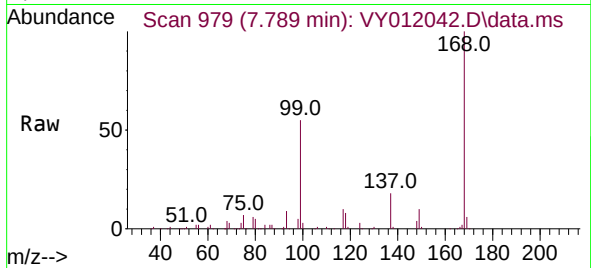




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012042.D
Acq: 03 Jan 2023 13:24

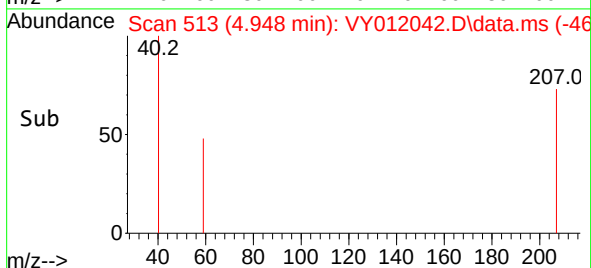
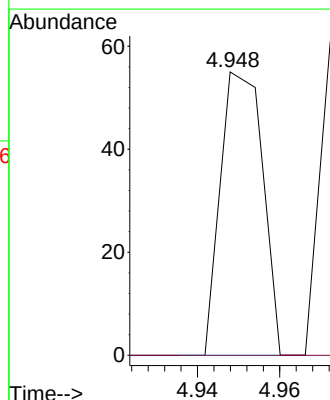
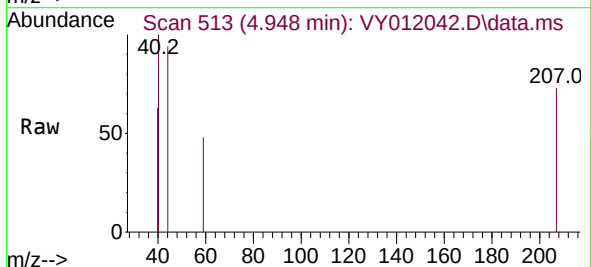
Instrument :
MSVOA_Y
ClientSampleId :
TP-15

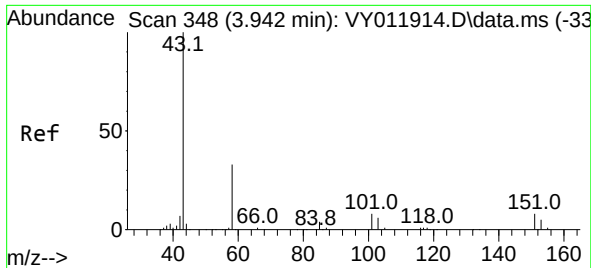
Tgt Ion:168 Resp: 162642
Ion Ratio Lower Upper
168 100
99 55.3 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY012042.D
Acq: 03 Jan 2023 13:24

Tgt Ion: 59 Resp: 39
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#





#16

Acetone

Concen: 6.348 ug/l

RT: 3.954 min Scan# 3

Delta R.T. 0.006 min

Lab File: VY012042.D

Acq: 03 Jan 2023 13:24

Instrument :

MSVOA_Y

ClientSampleId :

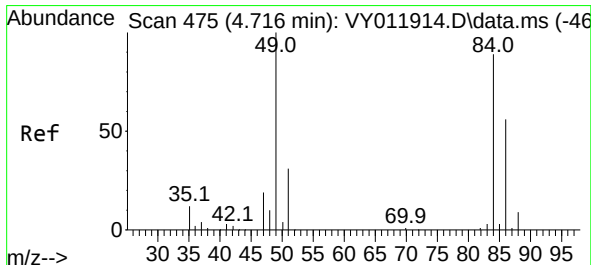
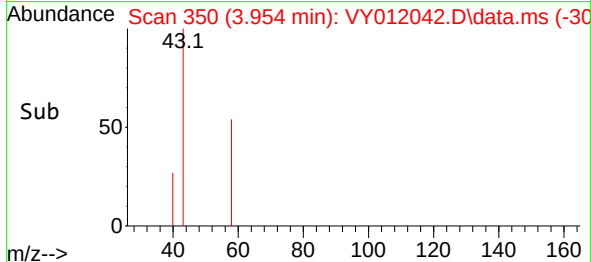
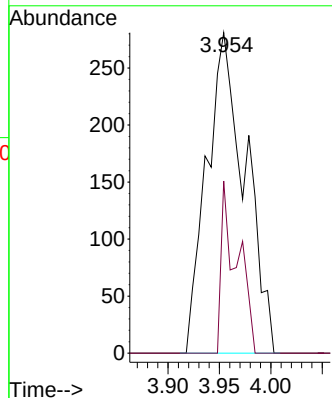
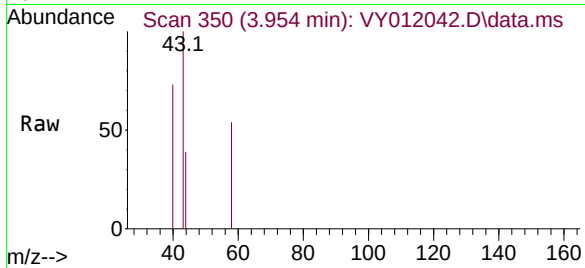
TP-15

Tgt Ion: 43 Resp: 735

Ion Ratio Lower Upper

43 100

58 53.7 27.9 41.9#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY012042.D

Acq: 03 Jan 2023 13:24

Tgt Ion: 84 Resp: 9319

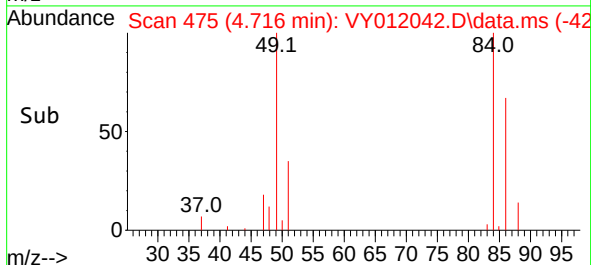
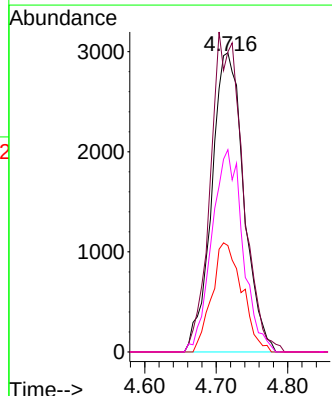
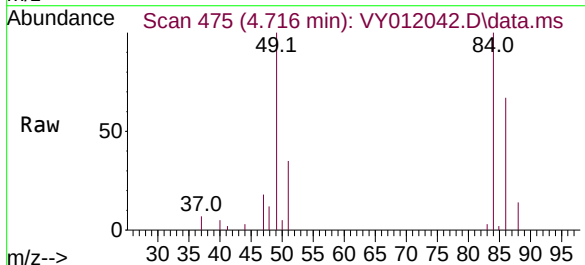
Ion Ratio Lower Upper

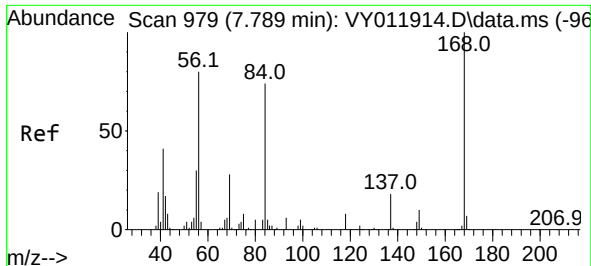
84 100

49 100.3 95.4 143.2

51 35.6 29.9 44.9

86 67.6 49.6 74.4

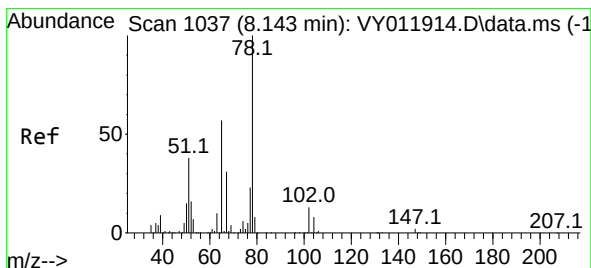
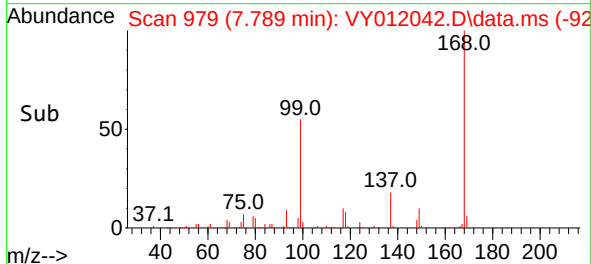
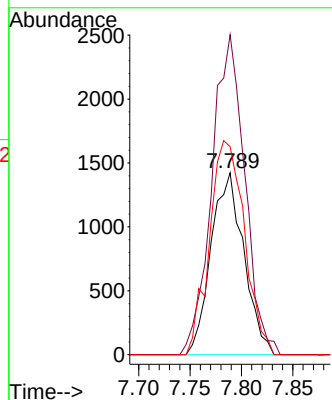
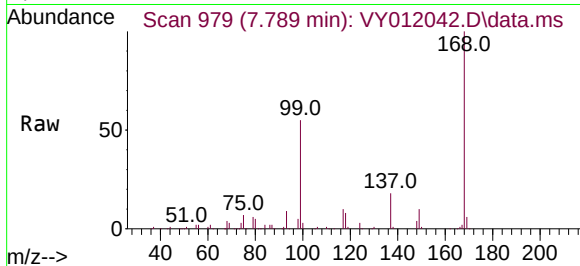




#31
Cyclohexane
Concen: 1.143 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012042.D
Acq: 03 Jan 2023 13:24

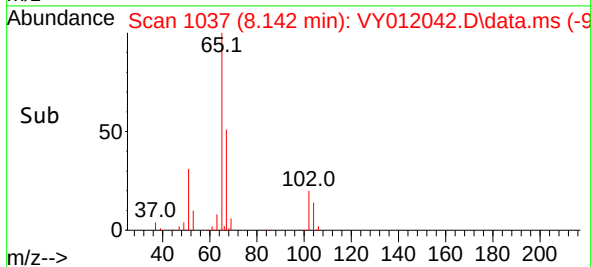
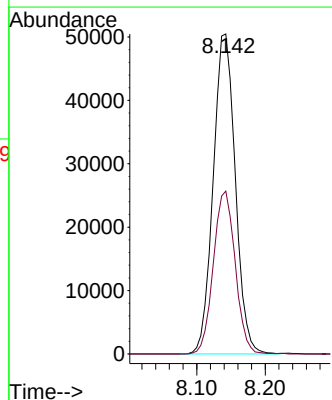
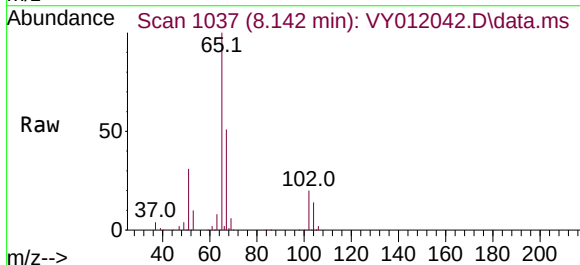
Instrument :
MSVOA_Y
ClientSampleId :
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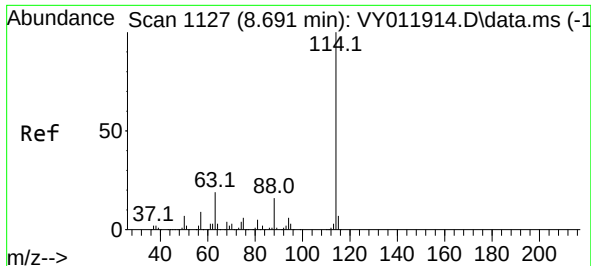
Tgt Ion: 56 Resp: 3152
Ion Ratio Lower Upper
56 100
69 175.8 29.2 43.8#
84 114.3 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 68.903 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012042.D
Acq: 03 Jan 2023 13:24

Tgt Ion: 65 Resp: 112904
Ion Ratio Lower Upper
65 100
67 50.4 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: VY012042.D

Acq: 03 Jan 2023 13:24

Instrument :

MSVOA_Y

ClientSampleId :

TP-15

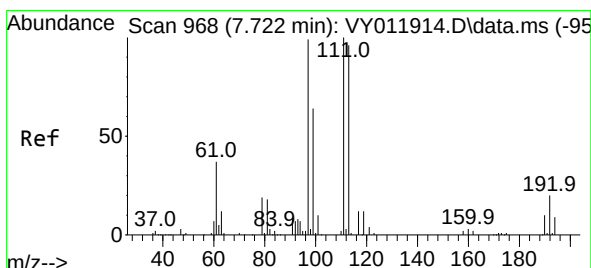
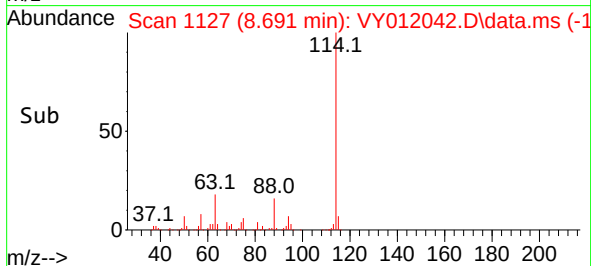
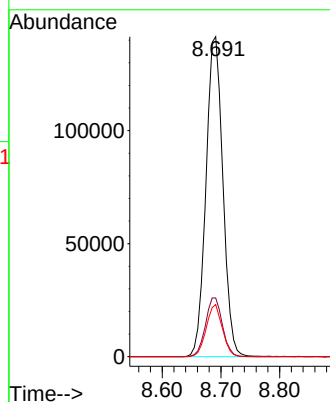
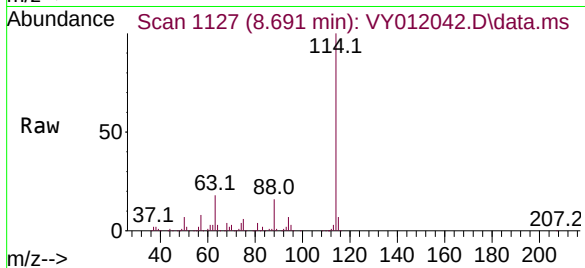
Tgt Ion:114 Resp: 283202

Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.6

88 16.3 0.0 32.2



#35

Dibromofluoromethane

Concen: 52.720 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012042.D

Acq: 03 Jan 2023 13:24

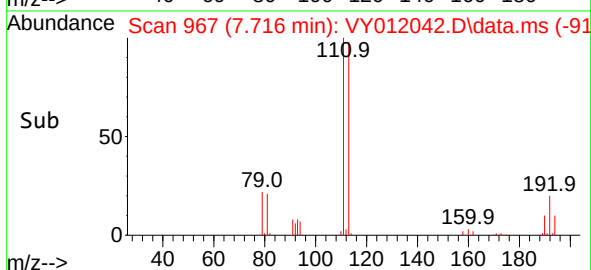
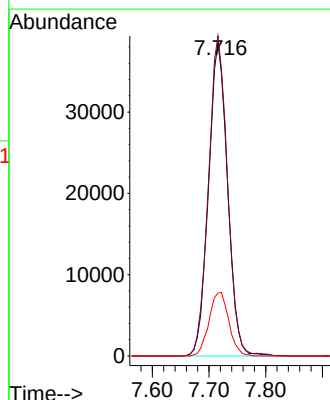
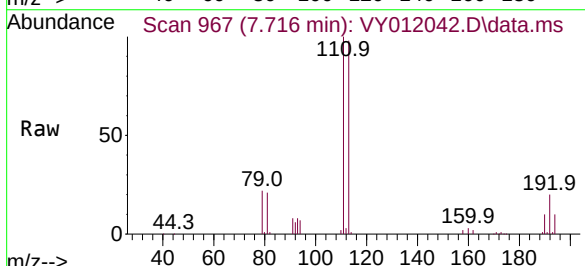
Tgt Ion:113 Resp: 89886

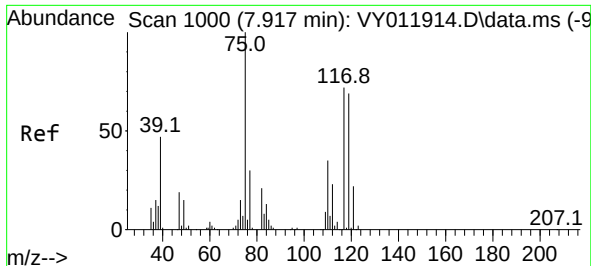
Ion Ratio Lower Upper

113 100

111 102.4 83.0 124.4

192 21.1 16.0 24.0

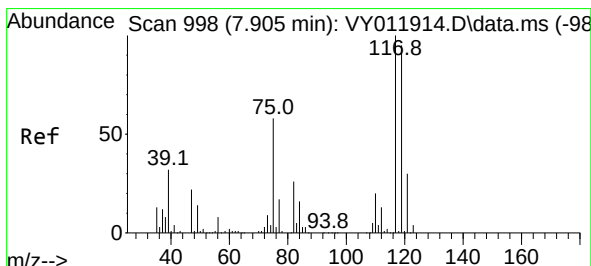
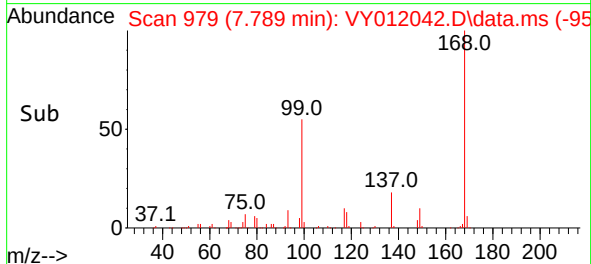
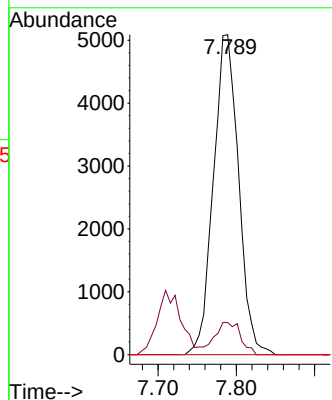
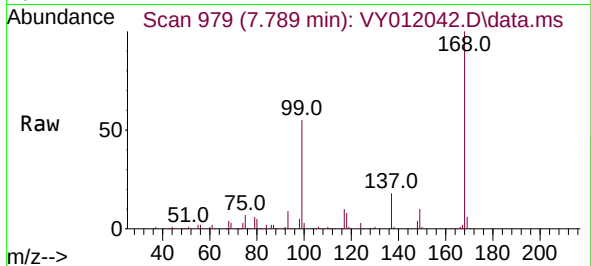




#36
1,1-Dichloropropene
Concen: 4.160 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY012042.D
Acq: 03 Jan 2023 13:24

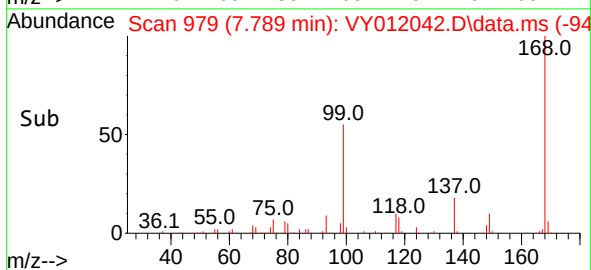
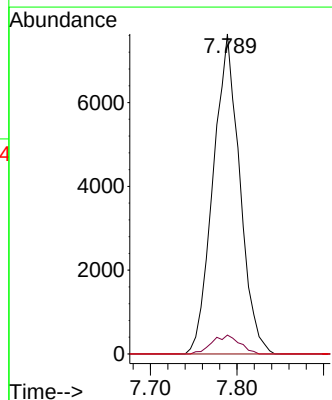
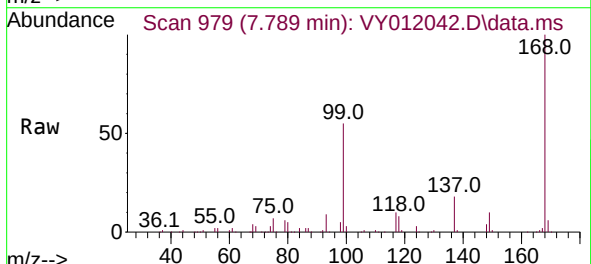
Instrument :
MSVOA_Y
ClientSampleId :
TP-15

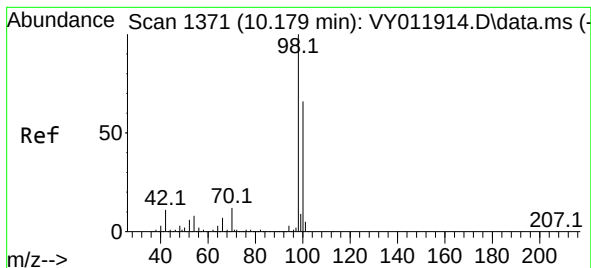
Tgt Ion: 75 Resp: 11376
Ion Ratio Lower Upper
75 100
110 10.2 18.1 54.1#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.153 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY012042.D
Acq: 03 Jan 2023 13:24

Tgt Ion: 117 Resp: 16276
Ion Ratio Lower Upper
117 100
119 5.9 73.8 110.8#
121 0.0 25.2 37.8#

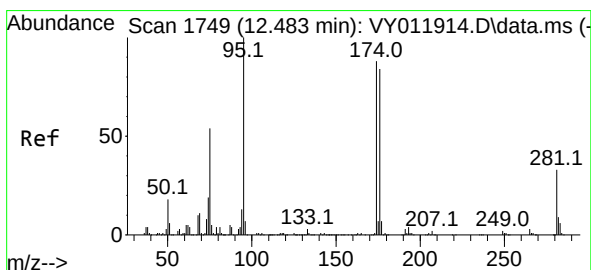
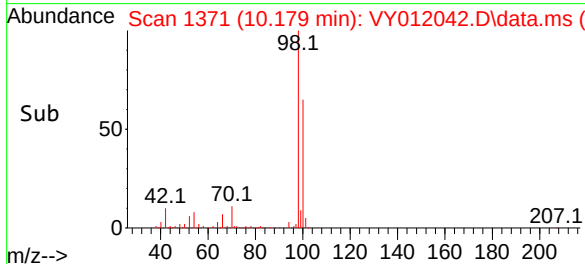
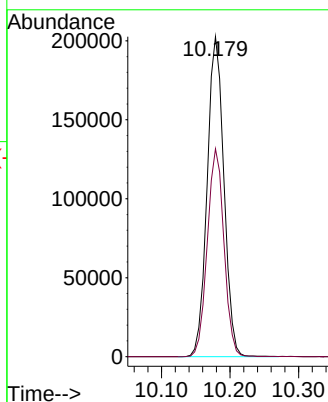
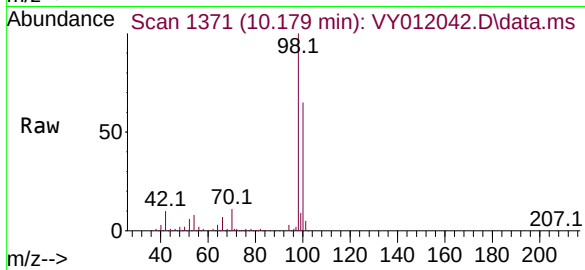




#50
Toluene-d8
Concen: 49.778 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012042.D
Acq: 03 Jan 2023 13:24

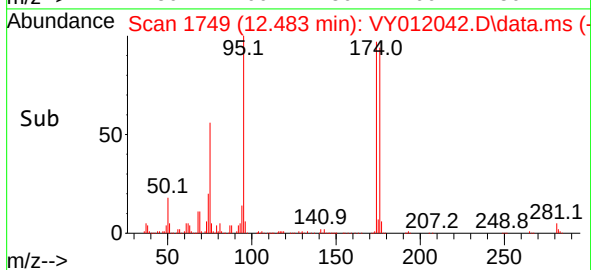
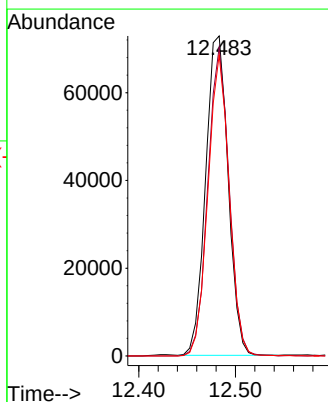
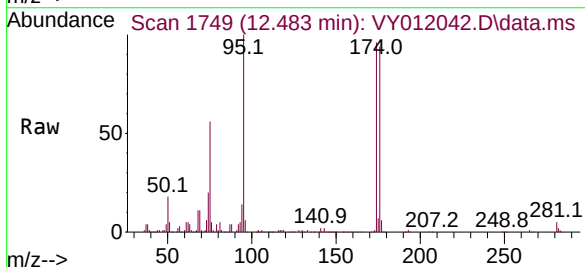
Instrument :
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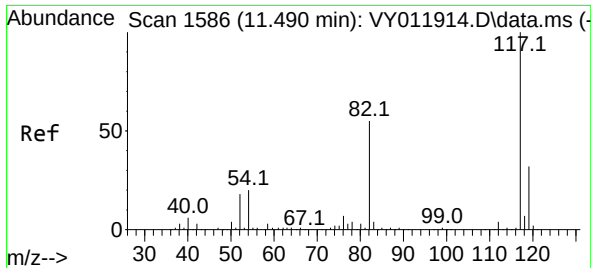
Tgt Ion: 98 Resp: 344334
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 50.568 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012042.D
Acq: 03 Jan 2023 13:24

Tgt Ion: 95 Resp: 117645
Ion Ratio Lower Upper
95 100
174 91.4 0.0 172.0
176 88.7 0.0 167.6

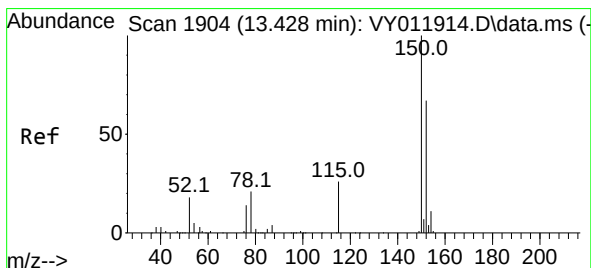
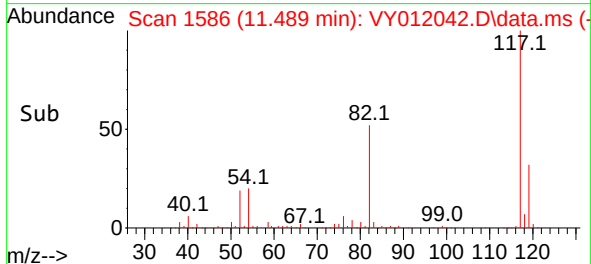
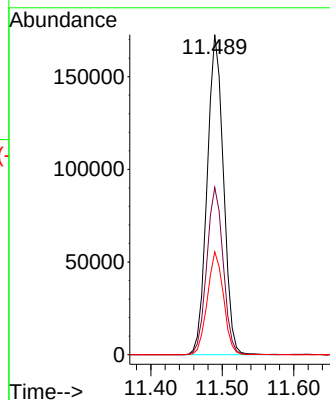
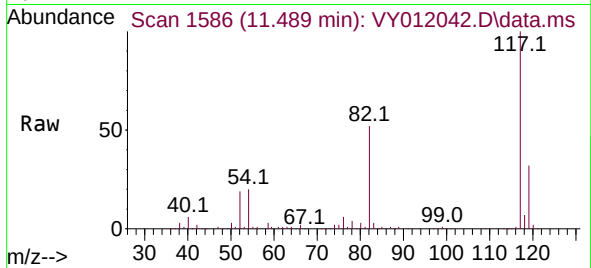




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012042.D
Acq: 03 Jan 2023 13:24

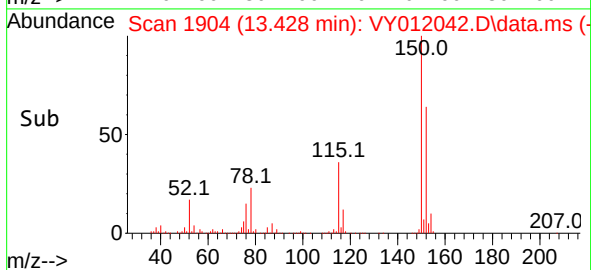
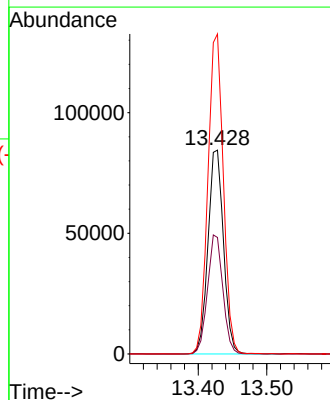
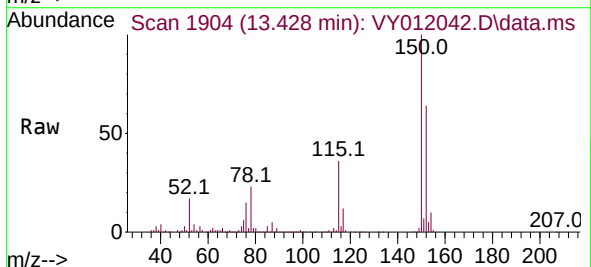
Instrument :
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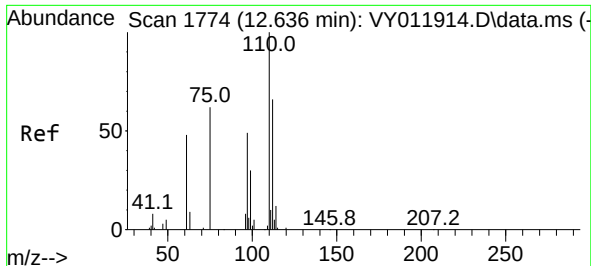
Tgt Ion:117 Resp: 273648
Ion Ratio Lower Upper
117 100
82 52.3 44.8 67.2
119 32.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012042.D
Acq: 03 Jan 2023 13:24

Tgt Ion:152 Resp: 133025
Ion Ratio Lower Upper
152 100
115 57.8 29.1 87.3
150 155.9 0.0 342.6

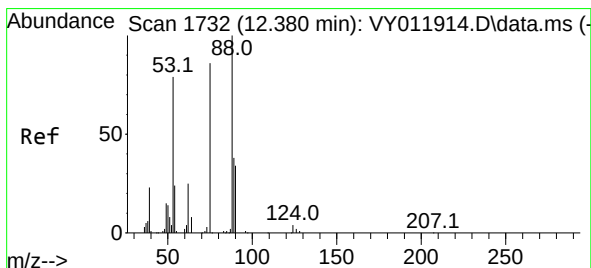
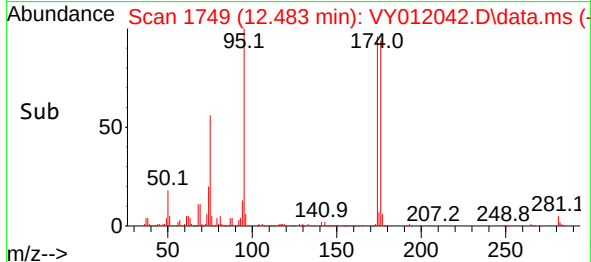
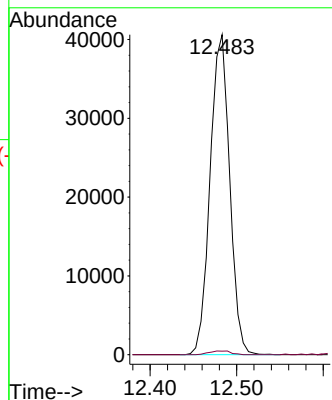
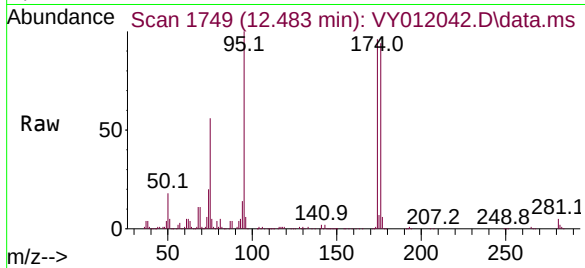




#76
1,2,3-Trichloropropane
Concen: 38.465 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012042.D
Acq: 03 Jan 2023 13:24

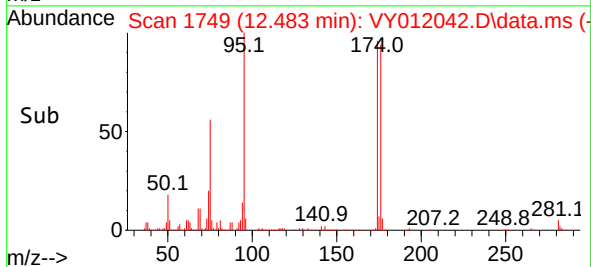
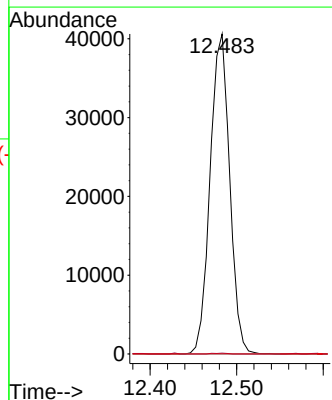
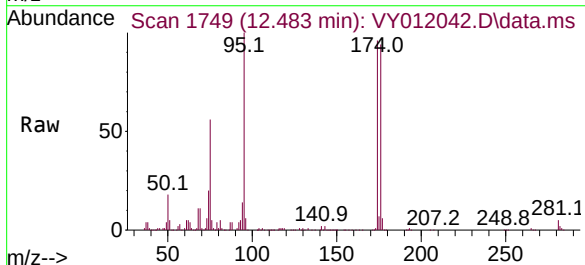
Instrument :
MSVOA_Y
ClientSampleId :
TP-15

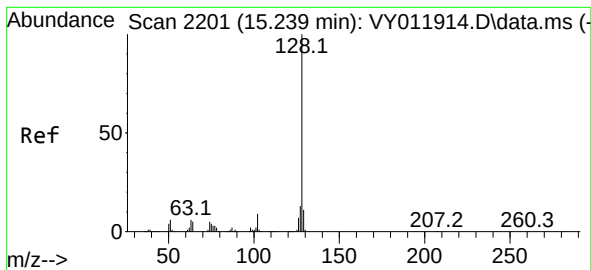
Tgt Ion: 75 Resp: 63670
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.336 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY012042.D
Acq: 03 Jan 2023 13:24

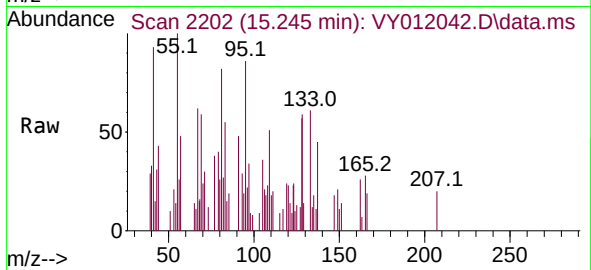
Tgt Ion: 75 Resp: 63670
Ion Ratio Lower Upper
75 100
53 0.2 72.5 108.7#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 3.001 ug/l
RT: 15.245 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY012042.D
Acq: 03 Jan 2023 13:24

Instrument :
MSVOA_Y
ClientSampleId :
TP-15



Tgt Ion:128 Resp: 1158
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 19.3 8.8 13.2#

