

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110122\
 Data File : VY011218.D
 Acq On : 01 Nov 2022 13:49
 Operator : KP/MD
 Sample : VY1101SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1101SBL01

Quant Time: Nov 01 14:32:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

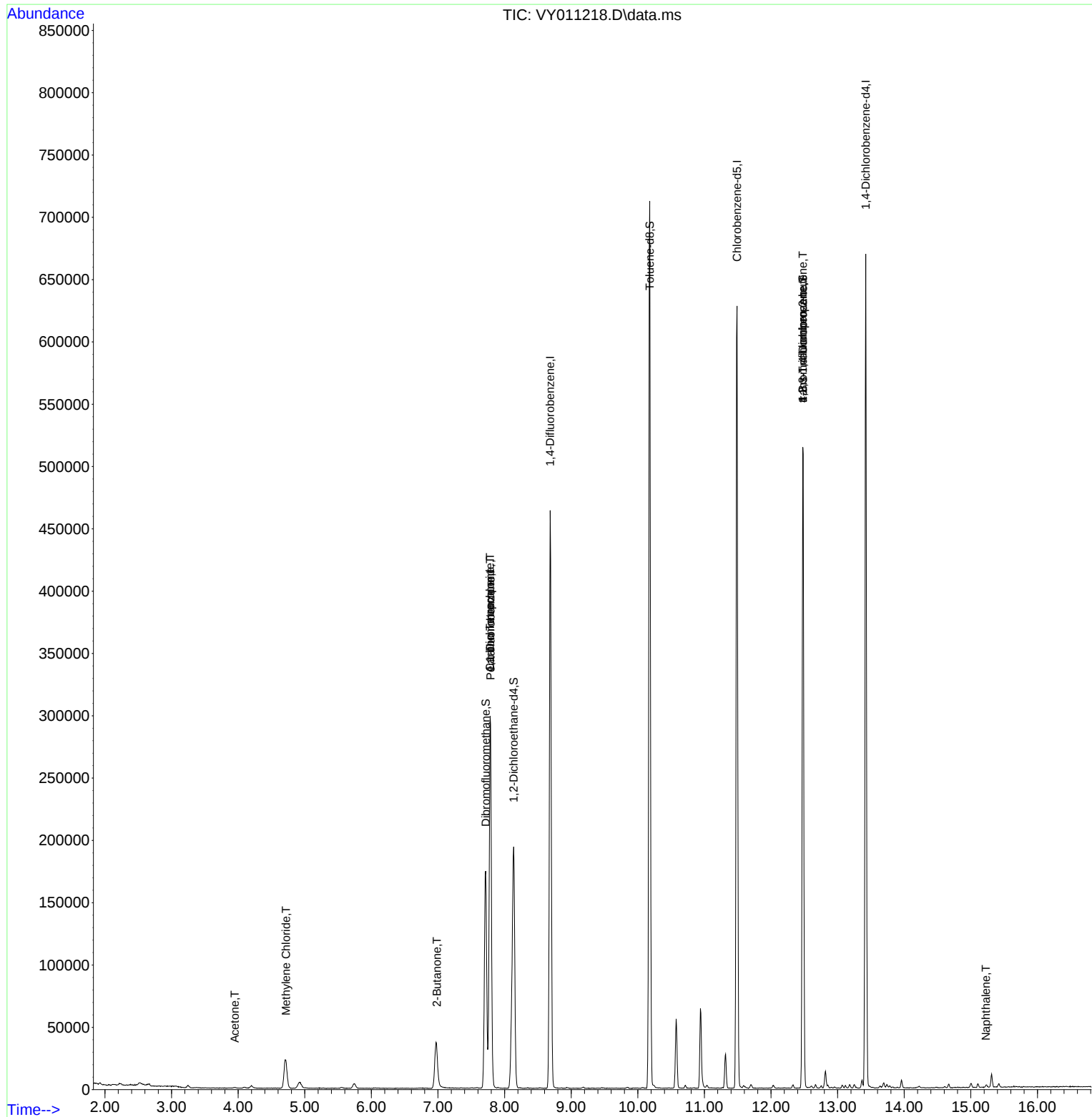
Internal Standards						
1) Pentafluorobenzene	7.789	168	236350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	401418	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	360263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	168393	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	129979	51.420	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.840%	
35) Dibromofluoromethane	7.716	113	128923	49.988	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.980%	
50) Toluene-d8	10.179	98	478202	47.755	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.520%	
62) 4-Bromofluorobenzene	12.477	95	164060	47.194	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.380%	
Target Compounds						
2) Dichlorodifluoromethane	1.900	85	257	Below Cal	#	Qvalue 43
11) Tert butyl alcohol	4.936	59	5382	Below Cal	#	77
16) Acetone	3.948	43	1125	1.474	ug/l #	78
20) Methylene Chloride	4.716	84	19074	1.205	ug/l #	82
25) 2-Butanone	6.984	43	2513	2.341	ug/l #	83
36) 1,1-Dichloropropene	7.783	75	18273	4.339	ug/l #	51
38) Carbon Tetrachloride	7.783	117	23541	5.387	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	80045	39.046	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	80045	83.562	ug/l #	7
95) Naphthalene	15.227	128	2247	4.245	ug/l #	97

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

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1101SBL01

Quant Time: Nov 01 14:32:35 2022
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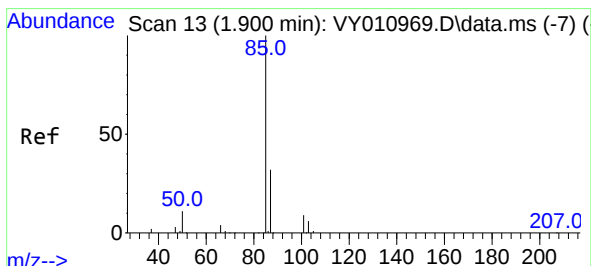
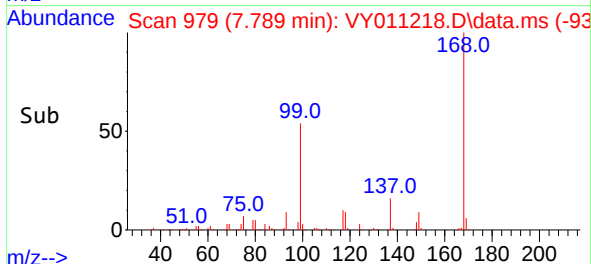
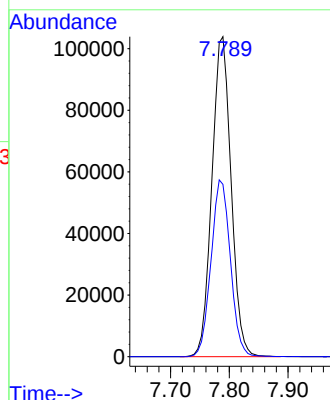
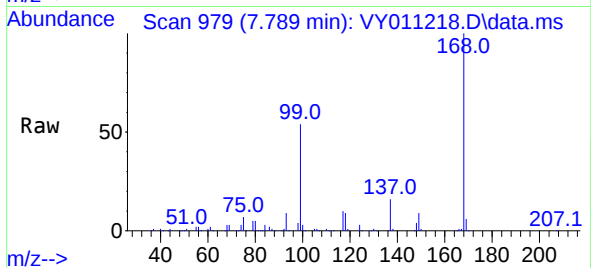




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011218.D
Acq: 01 Nov 2022 13:49

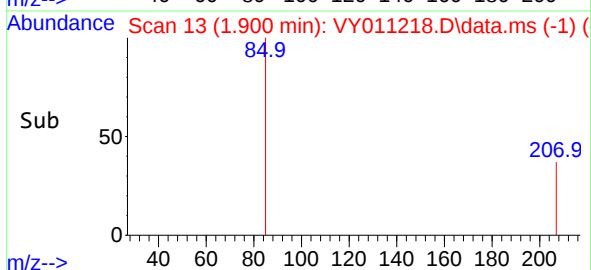
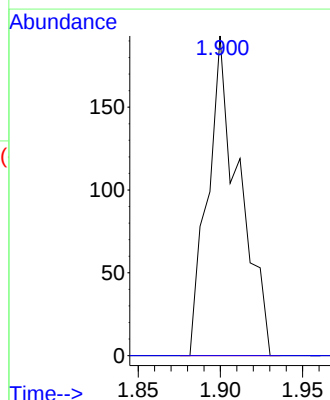
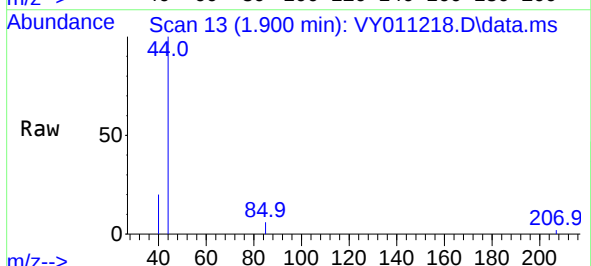
Instrument :
MSVOA_Y
ClientSampleId :
VY1101SBL01

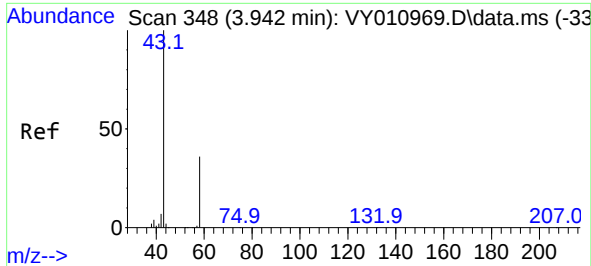
Tgt Ion:168 Resp: 236350
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011218.D
Acq: 01 Nov 2022 13:49

Tgt Ion: 85 Resp: 257
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#16

Acetone

Concen: 1.474 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY011218.D

Acq: 01 Nov 2022 13:49

Instrument :

MSVOA_Y

ClientSampleId :

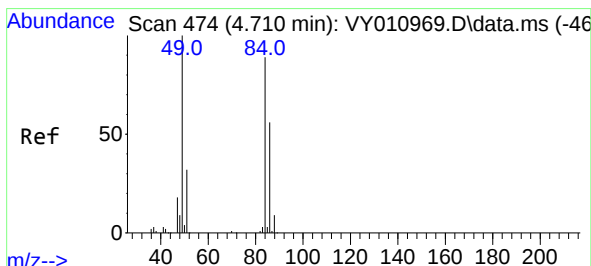
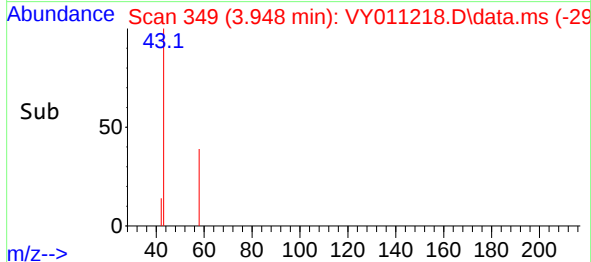
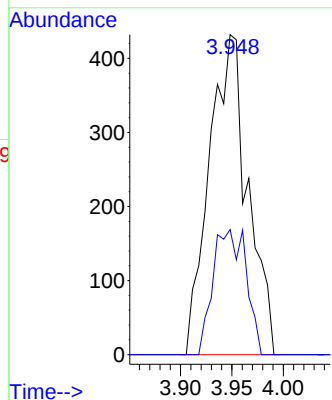
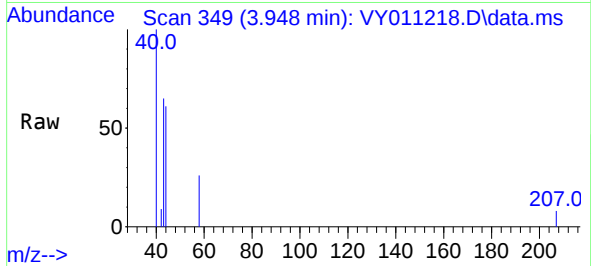
VY1101SBL01

Tgt Ion: 43 Resp: 1125

Ion Ratio Lower Upper

43 100

58 39.1 22.0 33.0#



#20

Methylene Chloride

Concen: 1.205 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY011218.D

Acq: 01 Nov 2022 13:49

Tgt Ion: 84 Resp: 19074

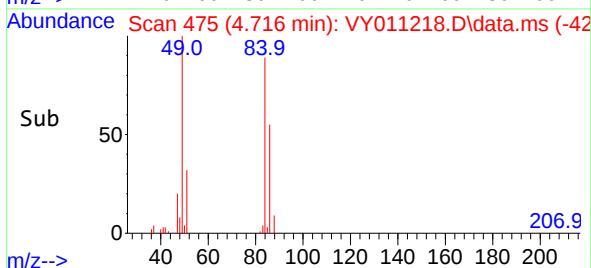
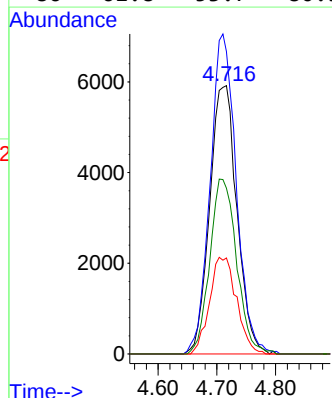
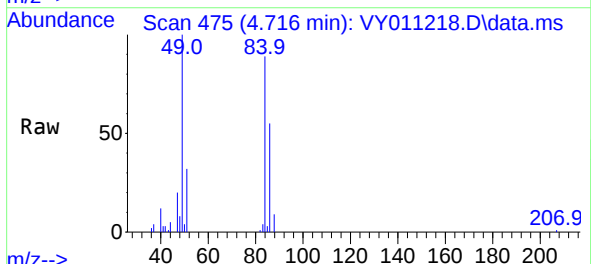
Ion Ratio Lower Upper

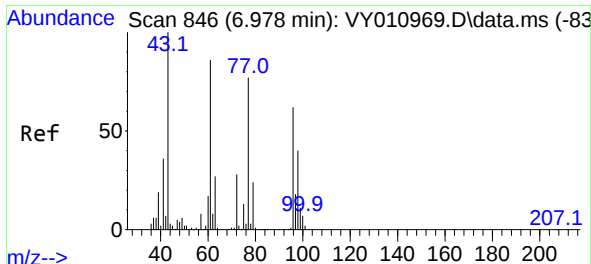
84 100

49 112.7 114.4 171.6#

51 35.8 35.3 52.9

86 61.8 53.7 80.5





#25

2-Butanone

Concen: 2.341 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY011218.D

Acq: 01 Nov 2022 13:49

Instrument :

MSVOA_Y

ClientSampleId :

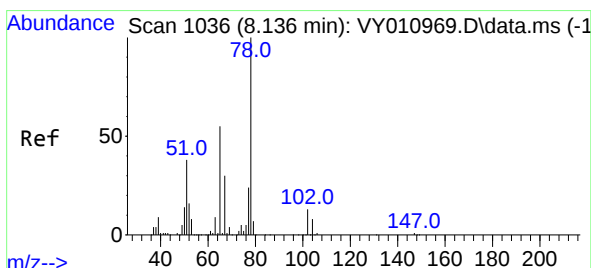
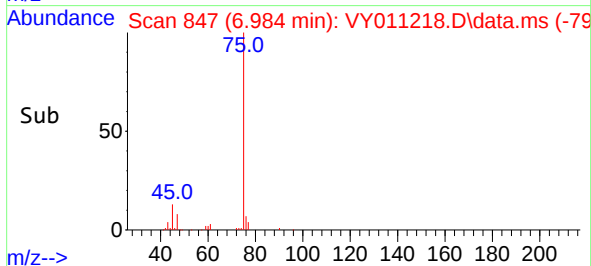
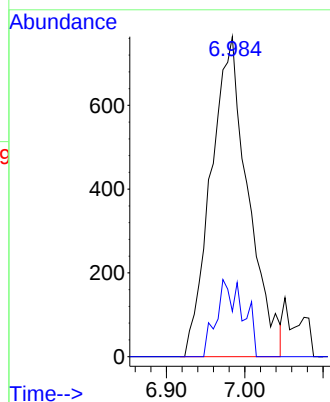
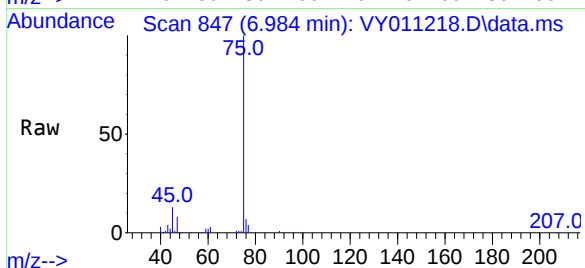
VY1101SBL01

Tgt Ion: 43 Resp: 2513

Ion Ratio Lower Upper

43 100

72 14.1 17.7 26.5#



#33

1,2-Dichloroethane-d4

Concen: 51.420 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011218.D

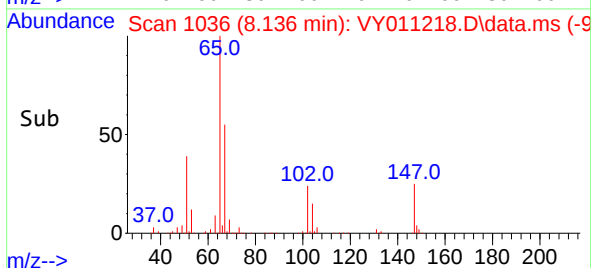
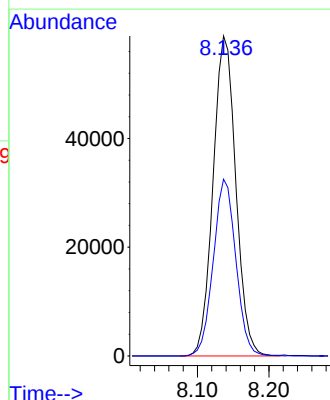
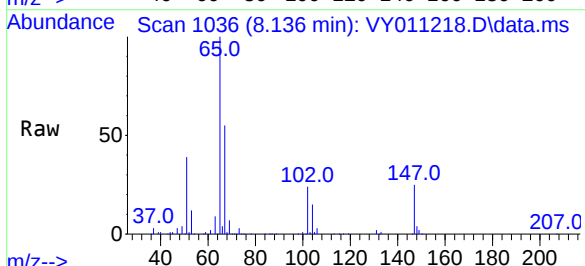
Acq: 01 Nov 2022 13:49

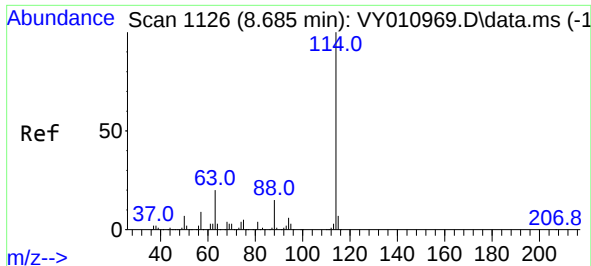
Tgt Ion: 65 Resp: 129979

Ion Ratio Lower Upper

65 100

67 54.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011218.D

Acq: 01 Nov 2022 13:49

Instrument :

MSVOA_Y

ClientSampleId :

VY1101SBL01

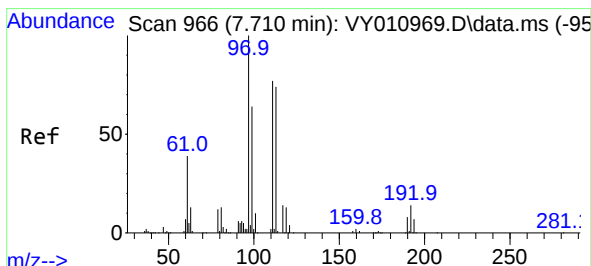
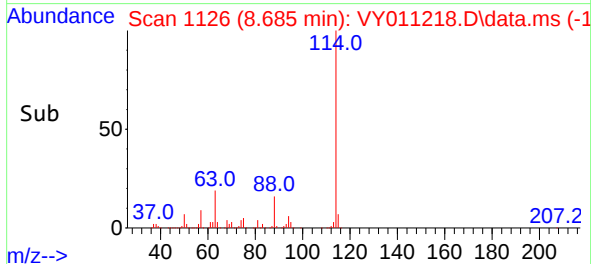
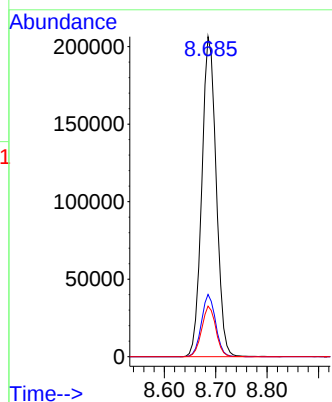
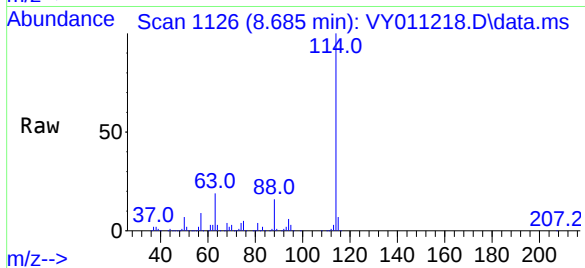
Tgt Ion:114 Resp: 401418

Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 15.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.988 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011218.D

Acq: 01 Nov 2022 13:49

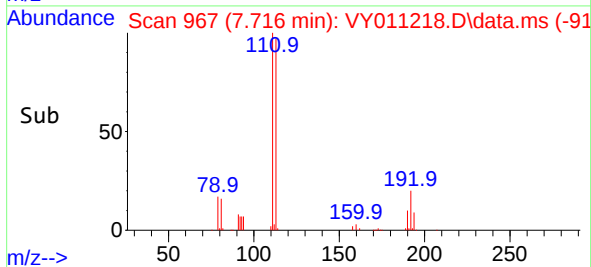
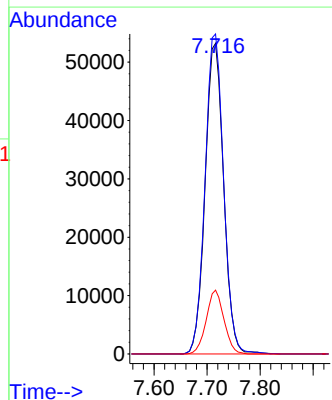
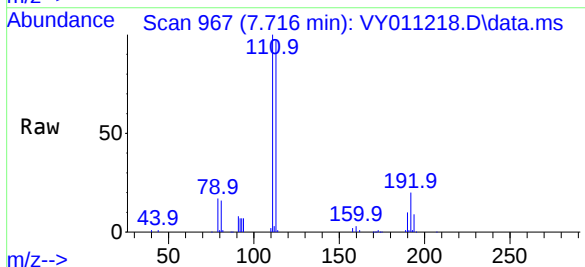
Tgt Ion:113 Resp: 128923

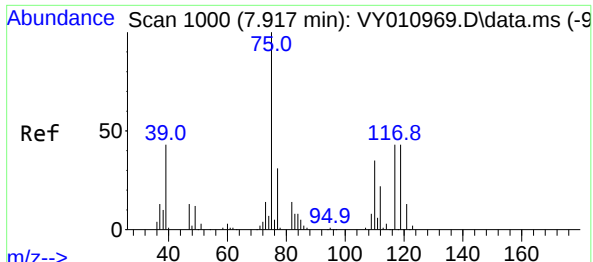
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 19.6 17.6 26.4

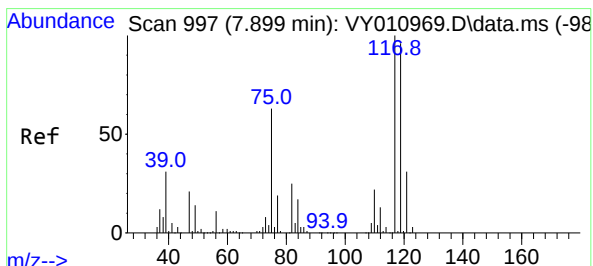
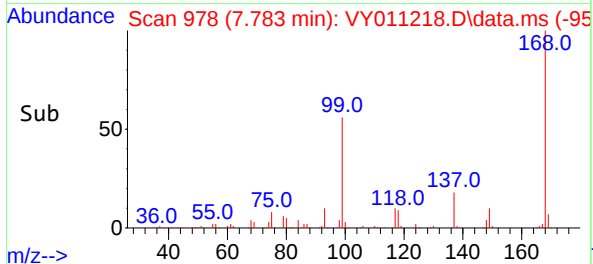
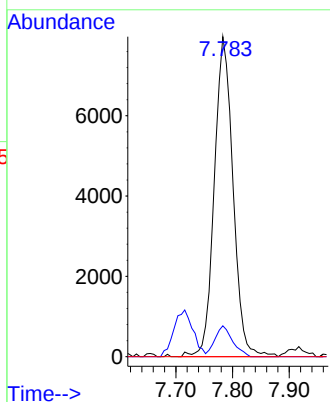
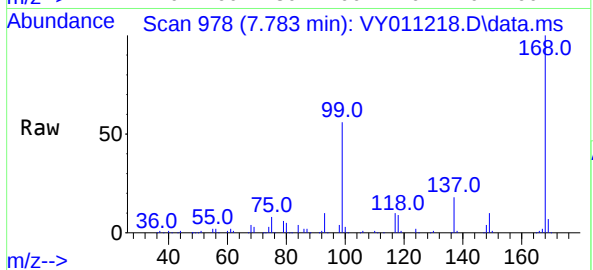




#36
1,1-Dichloropropene
Concen: 4.339 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY011218.D
Acq: 01 Nov 2022 13:49

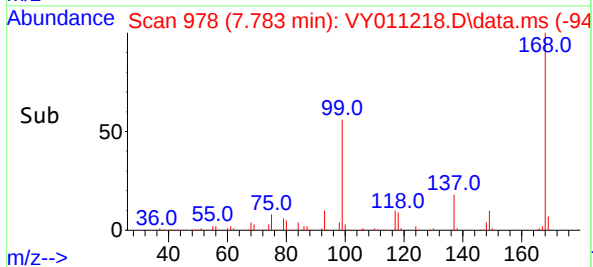
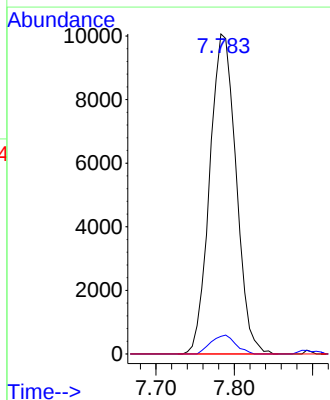
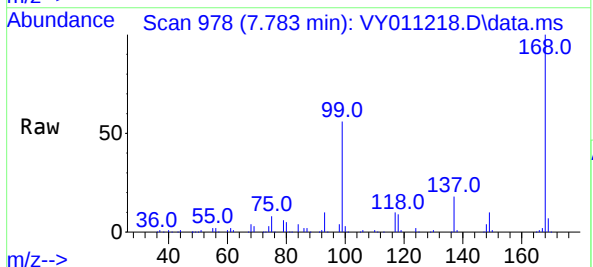
Instrument :
MSVOA_Y
ClientSampleId :
VY1101SBL01

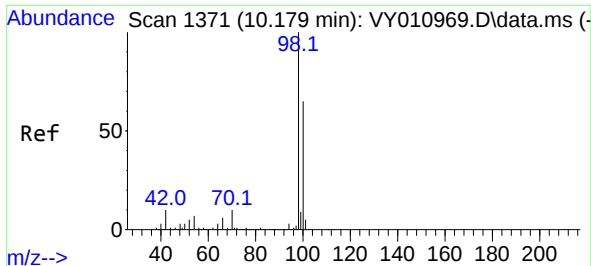
Tgt Ion: 75 Resp: 18273
Ion Ratio Lower Upper
75 100
110 9.1 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.387 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY011218.D
Acq: 01 Nov 2022 13:49

Tgt Ion: 117 Resp: 23541
Ion Ratio Lower Upper
117 100
119 5.5 77.9 116.9#
121 0.0 24.8 37.2#

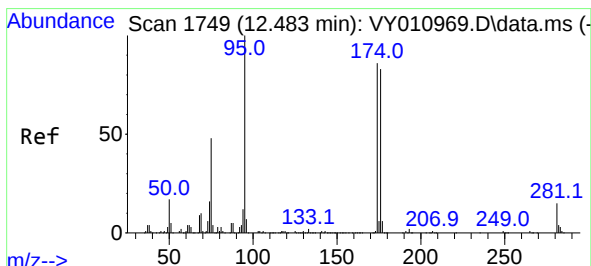
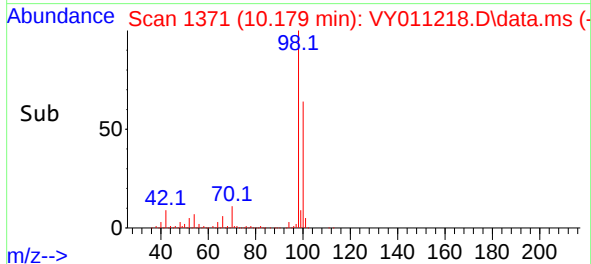
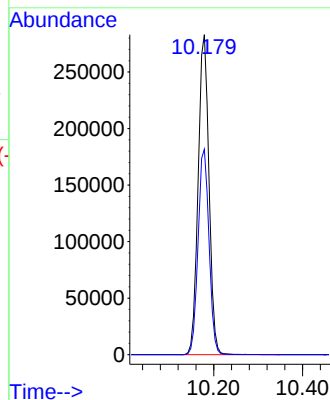
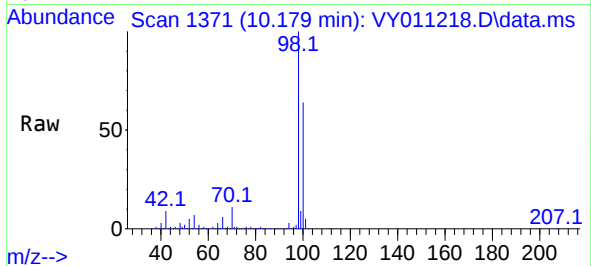




#50
Toluene-d8
Concen: 47.755 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011218.D
Acq: 01 Nov 2022 13:49

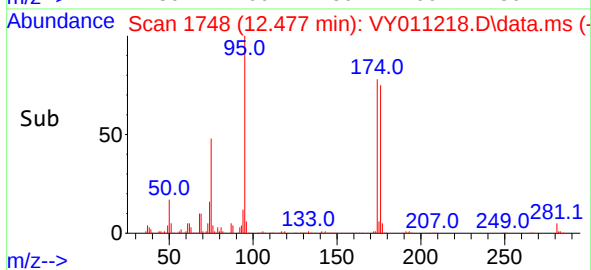
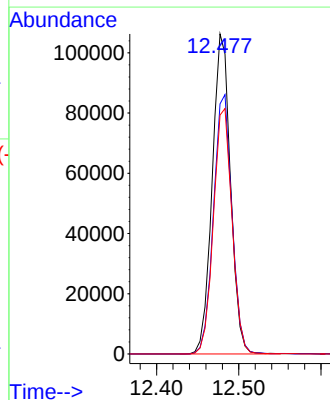
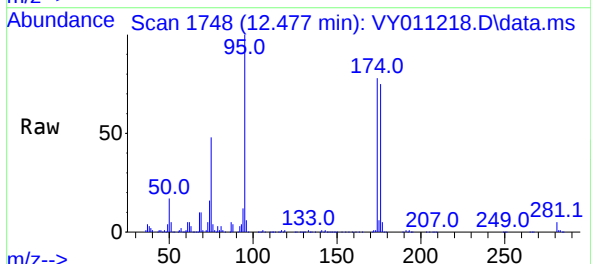
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MSVOA_Y
ClientSampleId :
VY1101SBL01

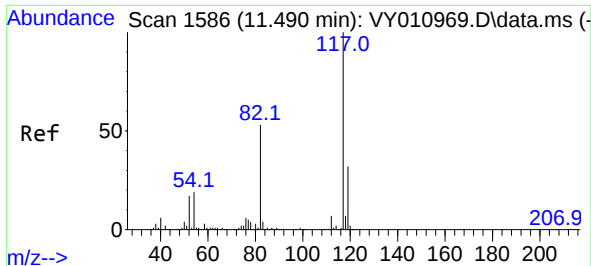
Tgt Ion: 98 Resp: 478202
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.194 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011218.D
Acq: 01 Nov 2022 13:49

Tgt Ion: 95 Resp: 164060
Ion Ratio Lower Upper
95 100
174 81.8 0.0 177.0
176 78.3 0.0 175.8

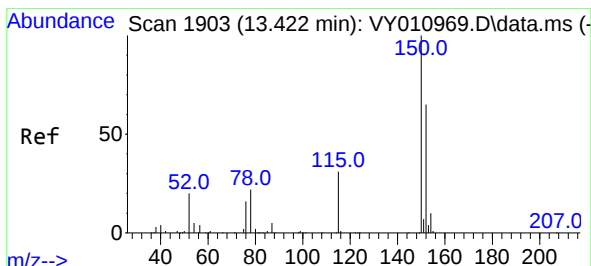
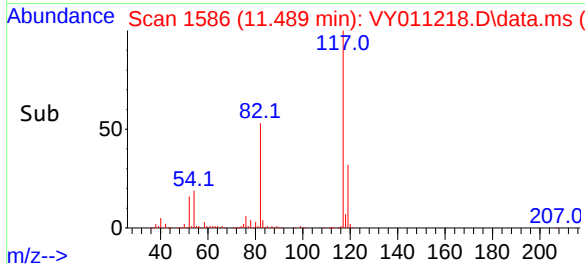
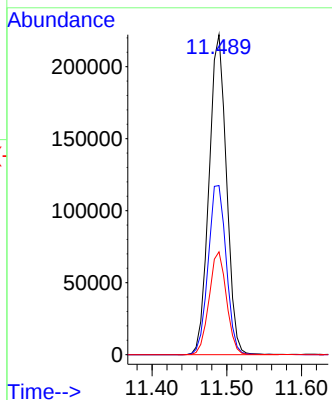
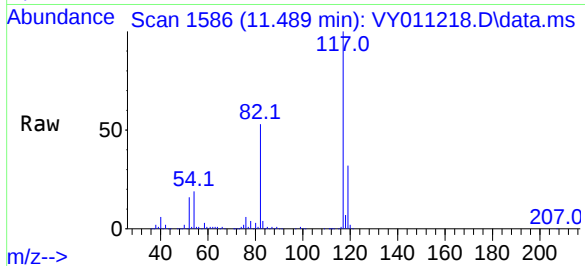




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011218.D
Acq: 01 Nov 2022 13:49

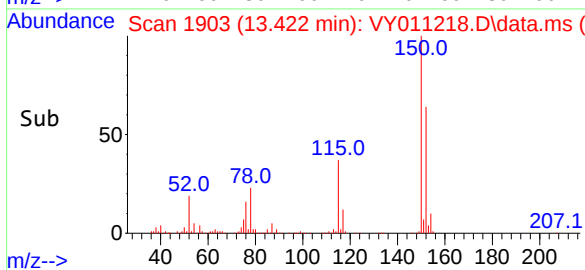
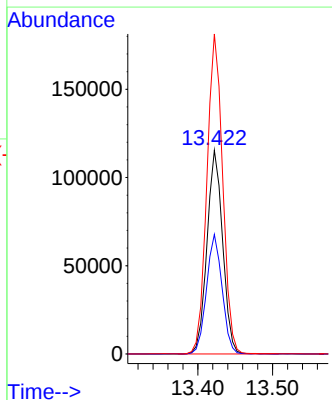
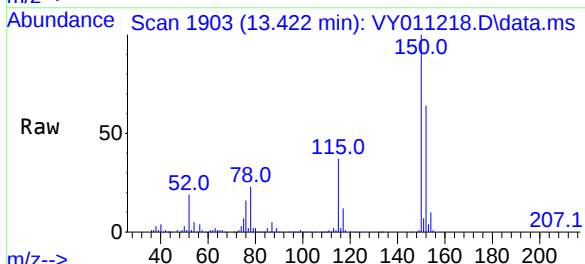
Instrument :
MSVOA_Y
ClientSampleId :
VY1101SBL01

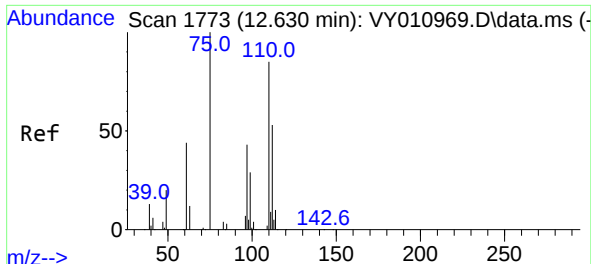
Tgt Ion:117 Resp: 360263
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011218.D
Acq: 01 Nov 2022 13:49

Tgt Ion:152 Resp: 168393
Ion Ratio Lower Upper
152 100
115 58.5 28.2 84.7
150 158.1 0.0 347.6

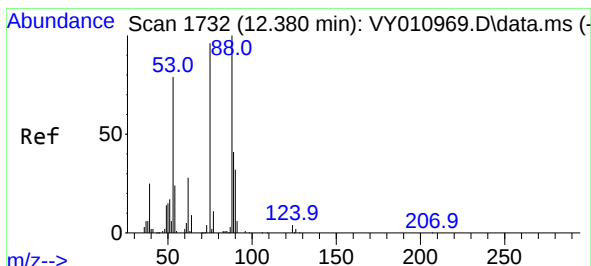
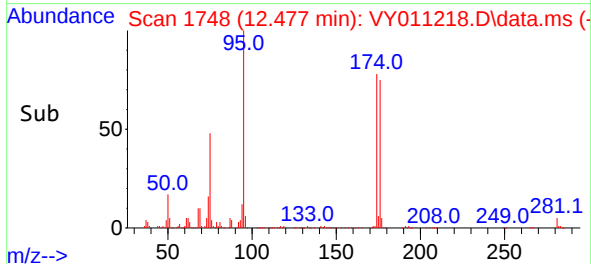
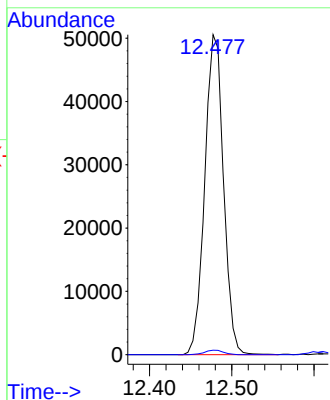
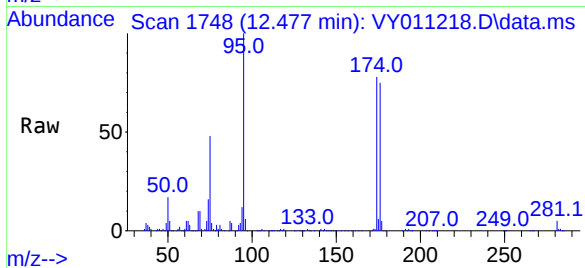




#76
1,2,3-Trichloropropane
Concen: 39.046 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY011218.D
Acq: 01 Nov 2022 13:49

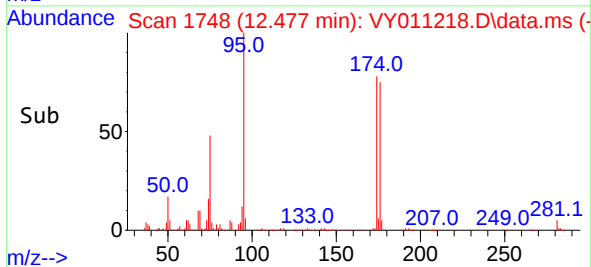
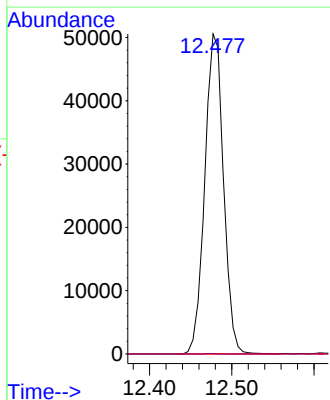
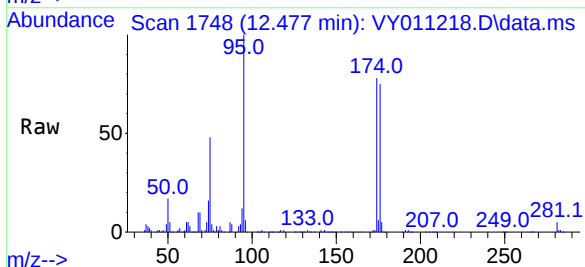
Instrument :
MSVOA_Y
ClientSampleId :
VY1101SBL01

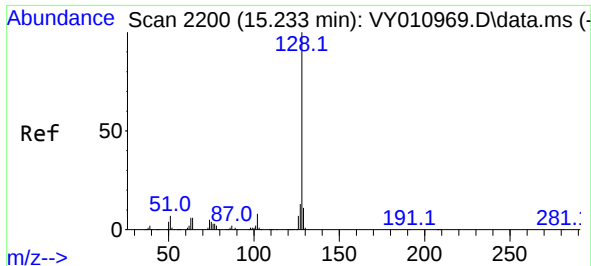
Tgt Ion: 75 Resp: 80045
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.562 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011218.D
Acq: 01 Nov 2022 13:49

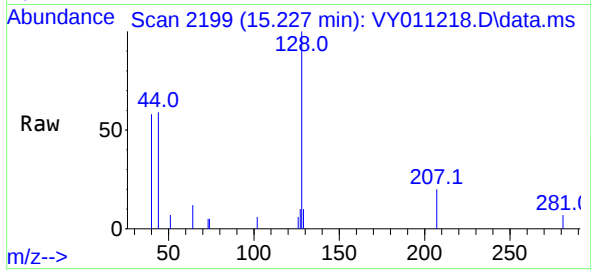
Tgt Ion: 75 Resp: 80045
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 4.245 ug/l
RT: 15.227 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY011218.D
Acq: 01 Nov 2022 13:49

Instrument :
MSVOA_Y
ClientSampleId :
VY1101SBL01



Tgt Ion:	128	Resp:	2247
Ion	Ratio	Lower	Upper
128	100		
127	13.6	11.0	16.4
129	8.4	8.4	12.6#

