

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110122\
 Data File : VY011245.D
 Acq On : 02 Nov 2022 01:31
 Operator : KP/MD
 Sample : N5337-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-14.5-15.0

Quant Time: Nov 02 03:07:27 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)

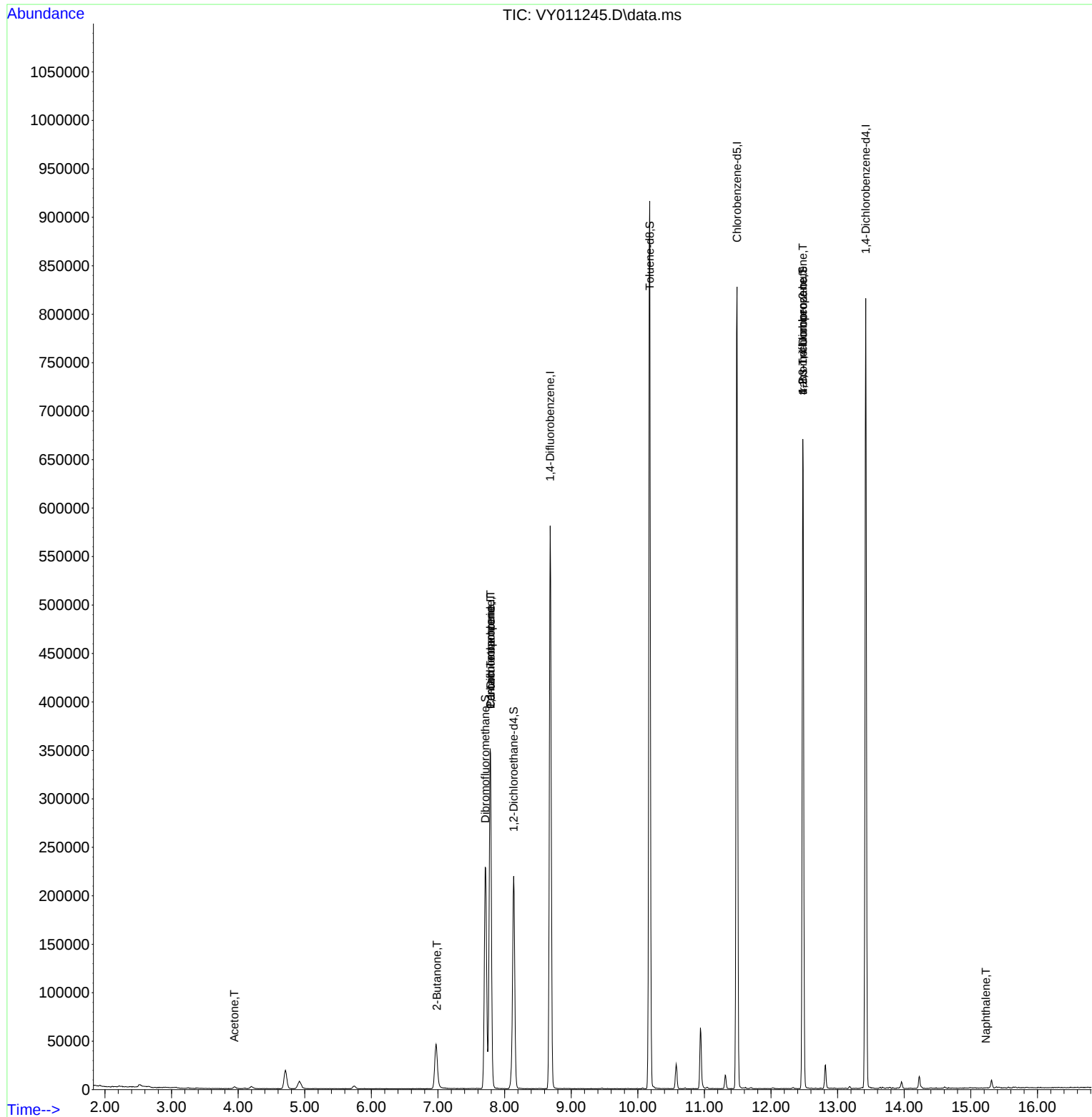
Internal Standards						
1) Pentafluorobenzene	7.789	168	279613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	509643	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	462644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	211312	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	162536	54.351	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 108.700%		
35) Dibromofluoromethane	7.710	113	170353	52.025	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 104.060%		
50) Toluene-d8	10.179	98	595361	46.830	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 93.660%		
62) 4-Bromofluorobenzene	12.477	95	204215	46.270	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 92.540%		
Target Compounds						
2) Dichlorodifluoromethane	1.900	85	50	Below Cal	#	43
11) Tert butyl alcohol	4.918	59	7922	Below Cal	#	78
16) Acetone	3.942	43	3523	3.903	ug/l	98
20) Methylene Chloride	4.710	84	14985	Below Cal	#	82
25) 2-Butanone	6.984	43	2778	2.187	ug/l	# 82
36) 1,1-Dichloropropene	7.789	75	21050	3.937	ug/l	# 51
38) Carbon Tetrachloride	7.789	117	27171	4.898	ug/l	# 15
76) 1,2,3-Trichloropropane	12.477	75	99405	38.641	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	99405	82.696	ug/l	# 7
95) Naphthalene	15.227	128	363	4.004	ug/l	# 69

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

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MSVOA_Y
ClientSampleId :
SB-01-14.5-15.0

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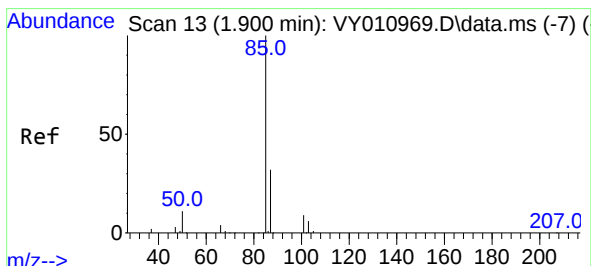
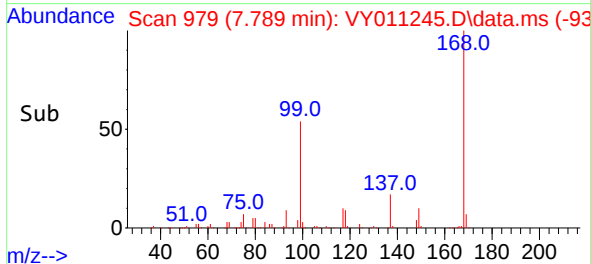
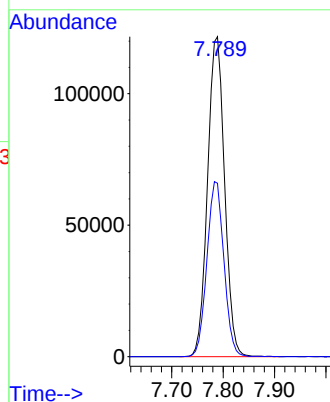
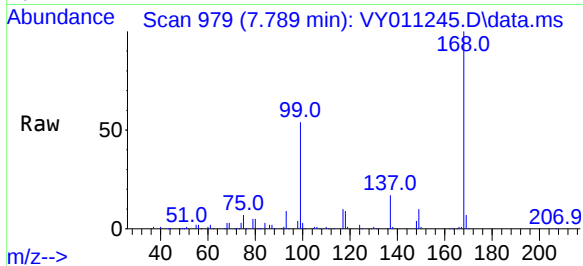




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011245.D
Acq: 02 Nov 2022 01:31

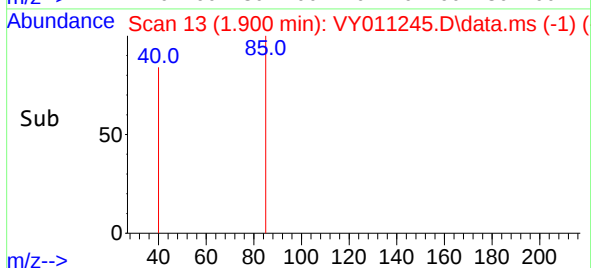
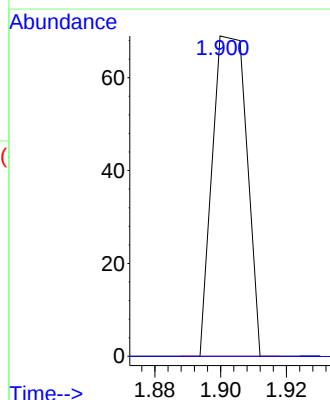
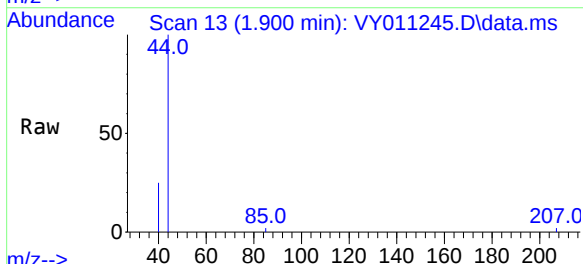
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-14.5-15.0

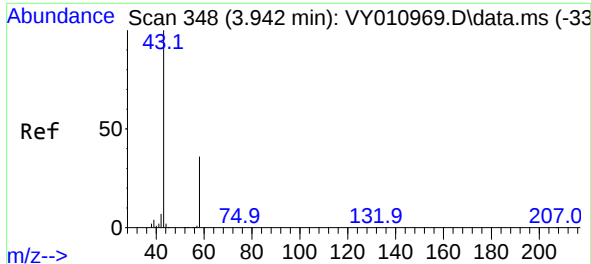
Tgt Ion:168 Resp: 279613
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011245.D
Acq: 02 Nov 2022 01:31

Tgt Ion: 85 Resp: 50
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#16

Acetone

Concen: 3.903 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY011245.D

Acq: 02 Nov 2022 01:31

Instrument :

MSVOA_Y

ClientSampleId :

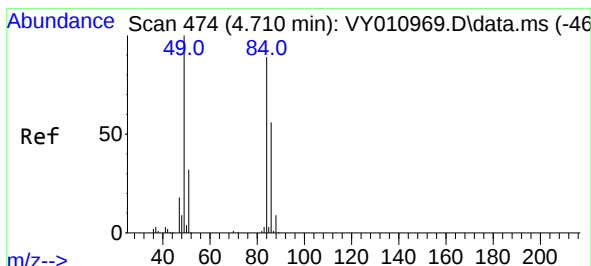
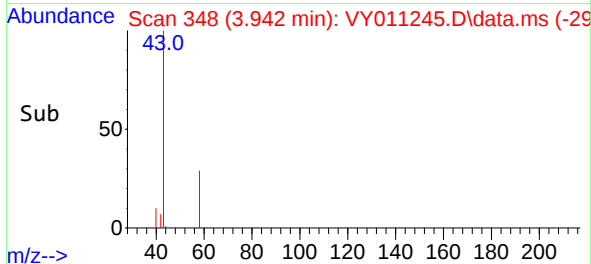
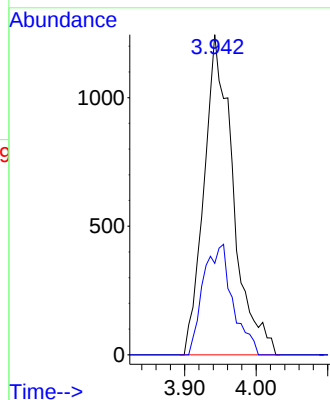
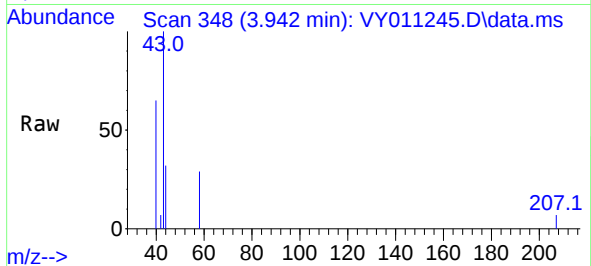
SB-01-14.5-15.0

Tgt Ion: 43 Resp: 3523

Ion Ratio Lower Upper

43 100

58 28.6 22.0 33.0



#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY011245.D

Acq: 02 Nov 2022 01:31

Tgt Ion: 84 Resp: 14985

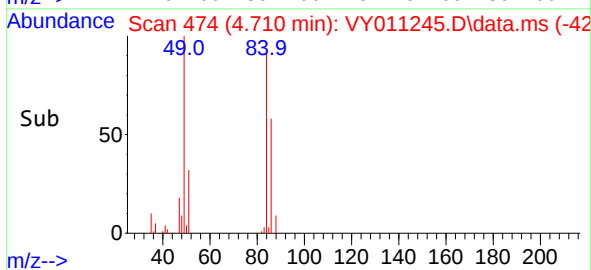
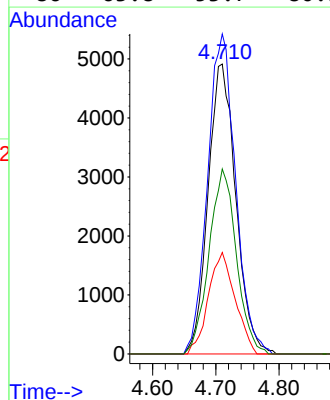
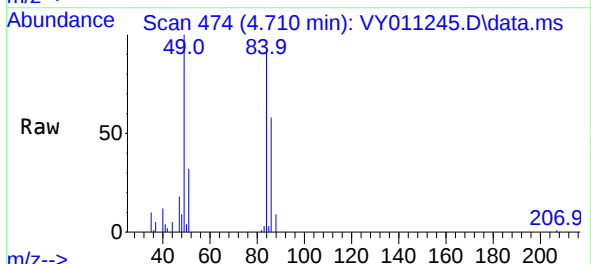
Ion Ratio Lower Upper

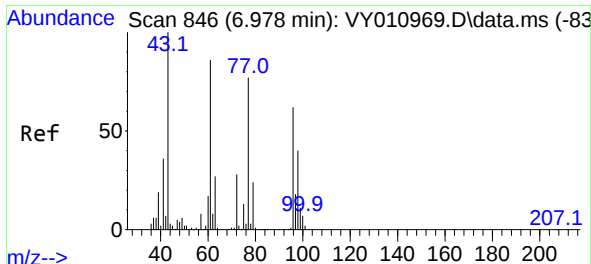
84 100

49 110.4 114.4 171.6#

51 35.0 35.3 52.9#

86 63.8 53.7 80.5

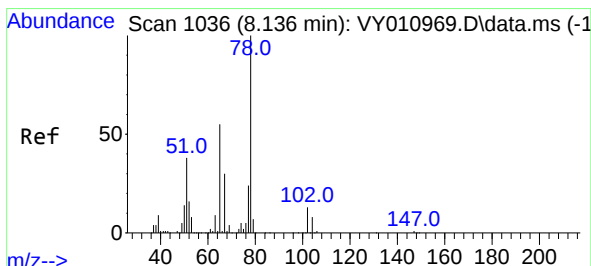
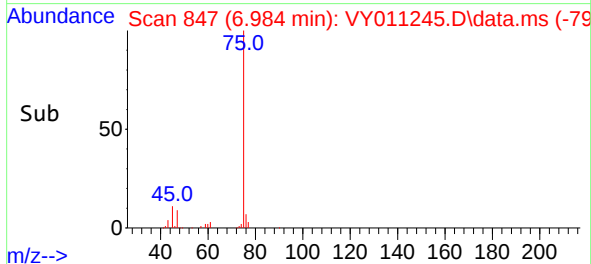
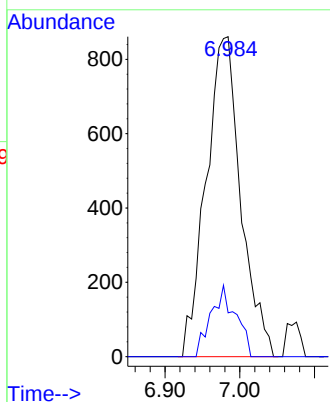
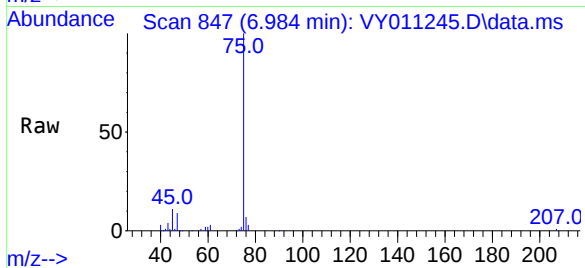




#25
2-Butanone
Concen: 2.187 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY011245.D
Acq: 02 Nov 2022 01:31

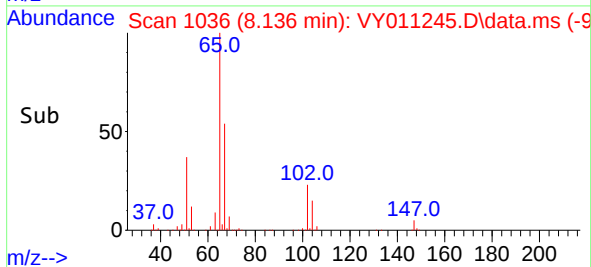
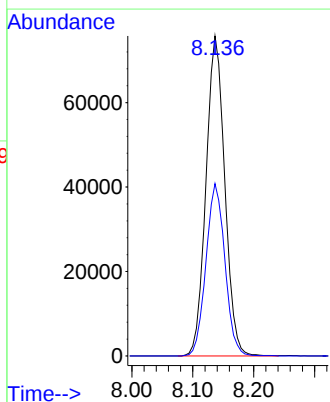
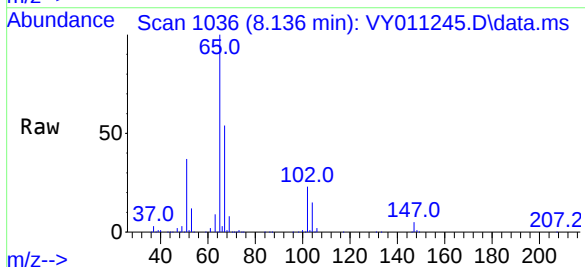
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-14.5-15.0

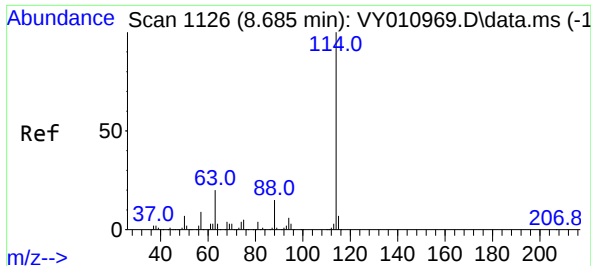
Tgt Ion: 43 Resp: 2778
Ion Ratio Lower Upper
43 100
72 13.7 17.7 26.5#



#33
1,2-Dichloroethane-d4
Concen: 54.351 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011245.D
Acq: 02 Nov 2022 01:31

Tgt Ion: 65 Resp: 162536
Ion Ratio Lower Upper
65 100
67 54.2 0.0 99.4

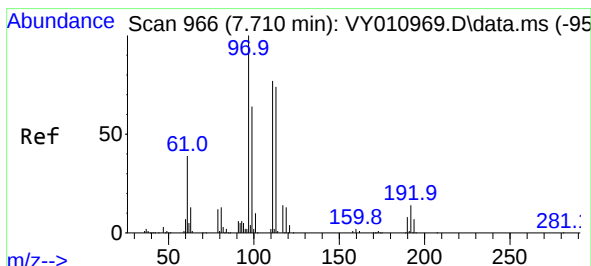
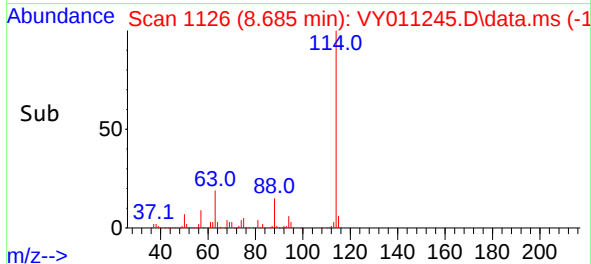
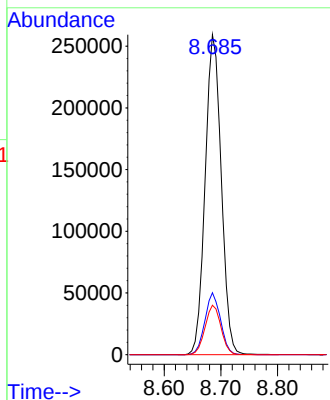
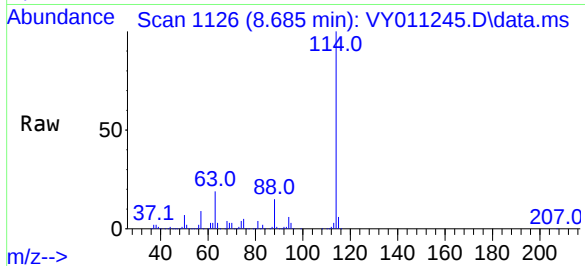




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011245.D
Acq: 02 Nov 2022 01:31

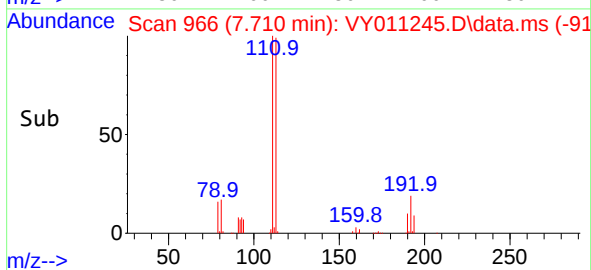
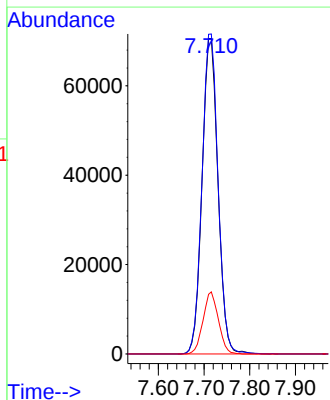
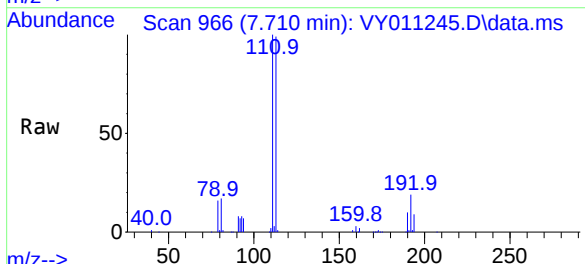
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-14.5-15.0

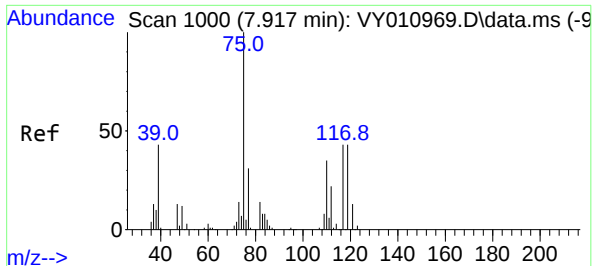
Tgt Ion:114 Resp: 509643
Ion Ratio Lower Upper
114 100
63 19.4 0.0 43.2
88 15.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.025 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY011245.D
Acq: 02 Nov 2022 01:31

Tgt Ion:113 Resp: 170353
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 19.0 17.6 26.4





#36

1,1-Dichloropropene

Concen: 3.937 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY011245.D

Acq: 02 Nov 2022 01:31

Instrument :

MSVOA_Y

ClientSampleId :

SB-01-14.5-15.0

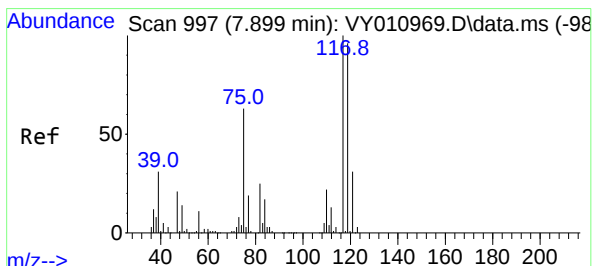
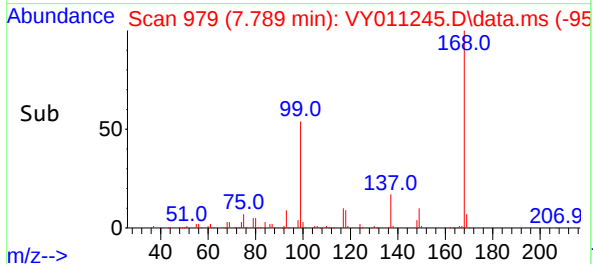
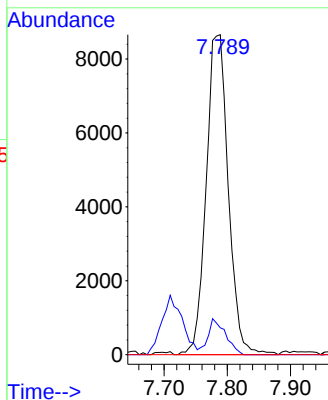
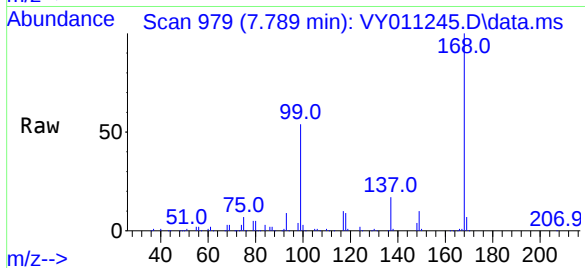
Tgt Ion: 75 Resp: 21050

Ion Ratio Lower Upper

75 100

110 9.0 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.898 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY011245.D

Acq: 02 Nov 2022 01:31

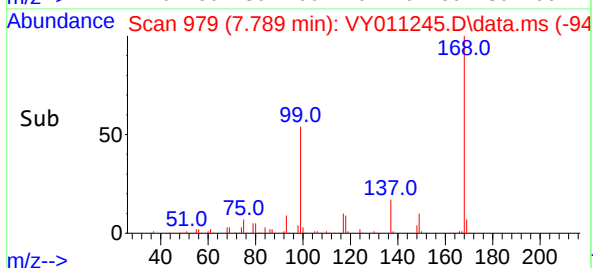
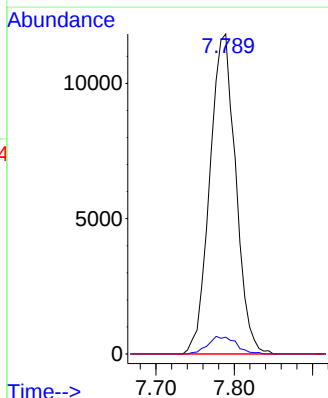
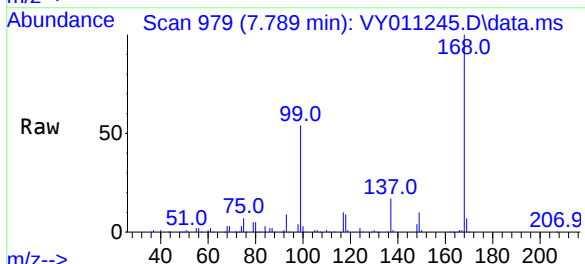
Tgt Ion: 117 Resp: 27171

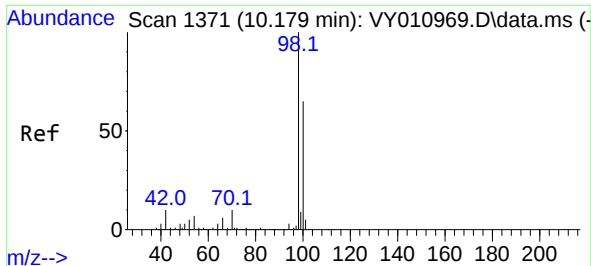
Ion Ratio Lower Upper

117 100

119 5.2 77.9 116.9#

121 0.0 24.8 37.2#

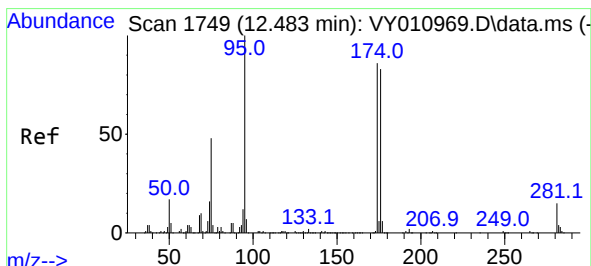
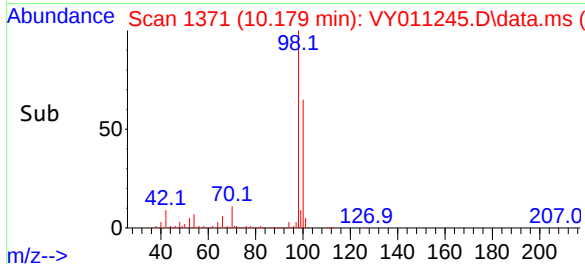
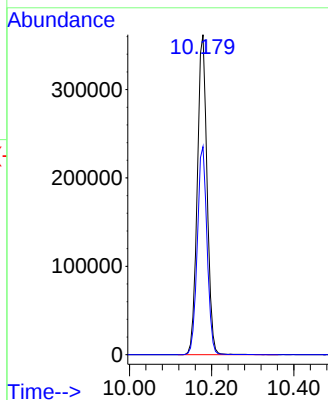
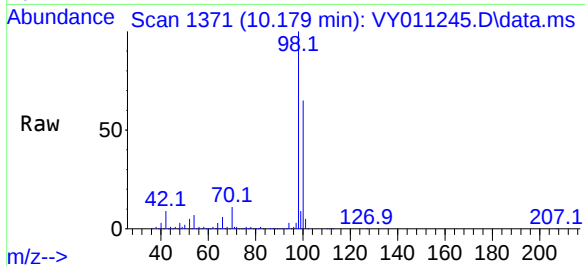




#50
Toluene-d8
Concen: 46.830 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011245.D
Acq: 02 Nov 2022 01:31

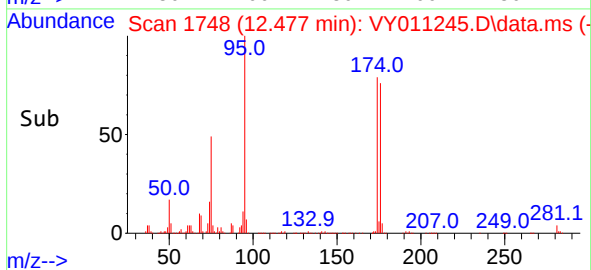
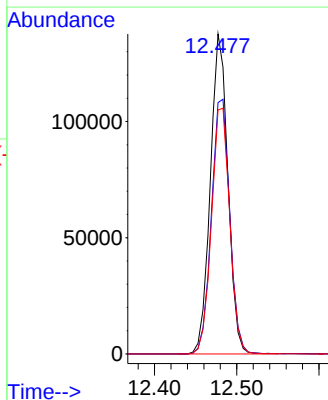
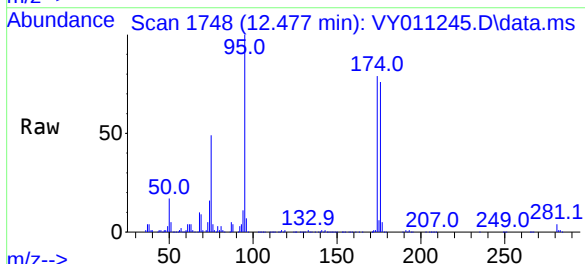
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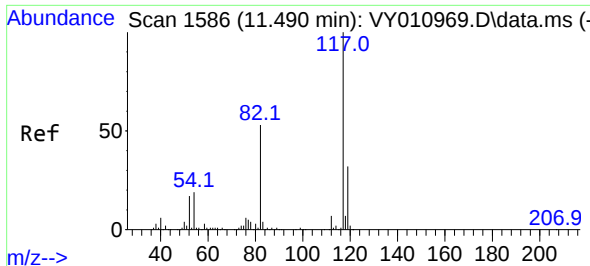
Tgt Ion: 98 Resp: 595361
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.270 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011245.D
Acq: 02 Nov 2022 01:31

Tgt Ion: 95 Resp: 204215
Ion Ratio Lower Upper
95 100
174 83.4 0.0 177.0
176 80.1 0.0 175.8

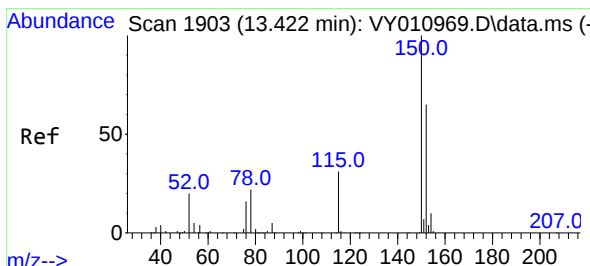
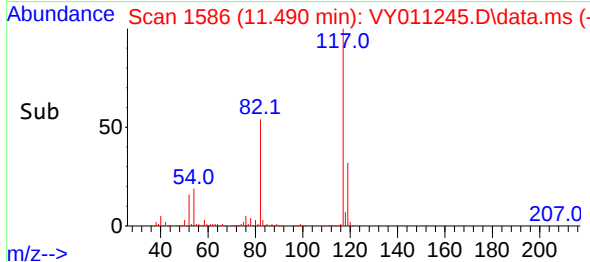
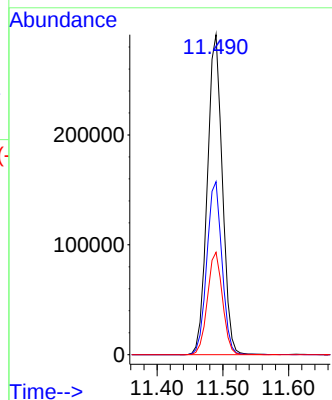
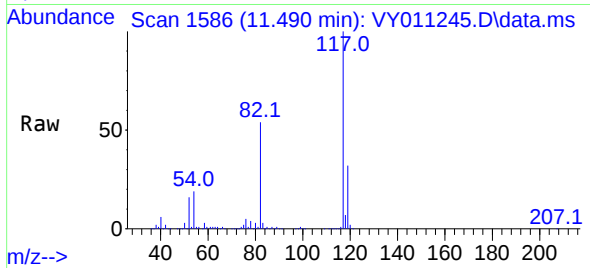




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011245.D
Acq: 02 Nov 2022 01:31

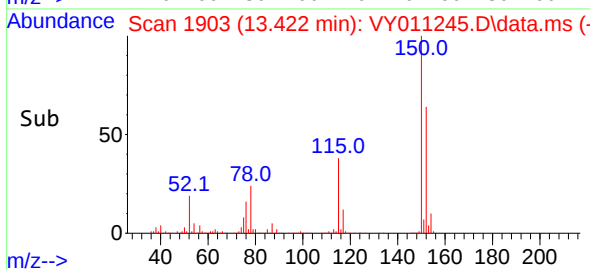
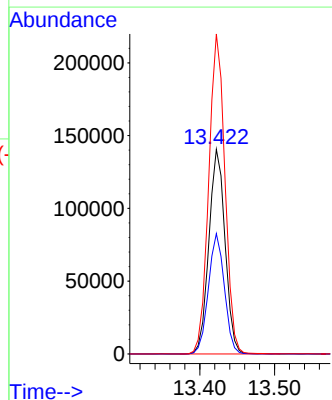
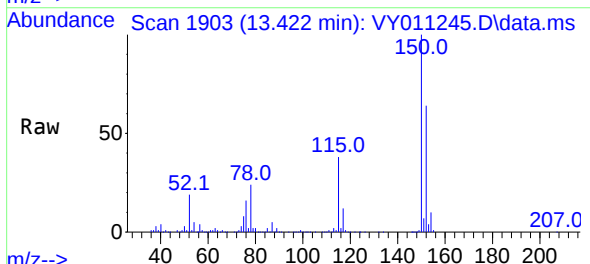
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-14.5-15.0

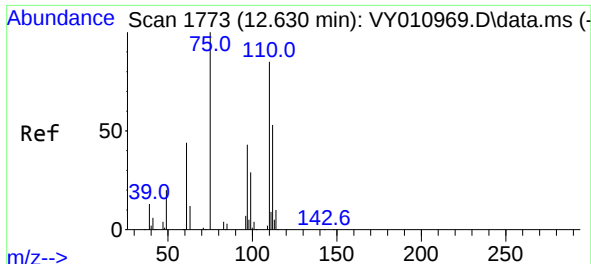
Tgt Ion:117 Resp: 462644
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011245.D
Acq: 02 Nov 2022 01:31

Tgt Ion:152 Resp: 211312
Ion Ratio Lower Upper
152 100
115 58.1 28.2 84.7
150 156.5 0.0 347.6

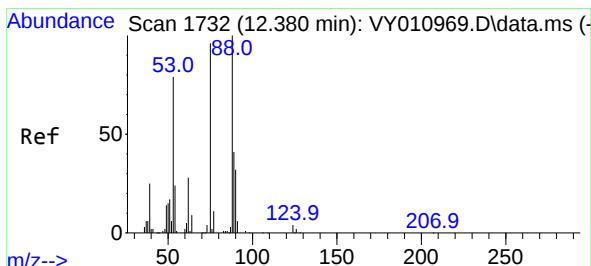
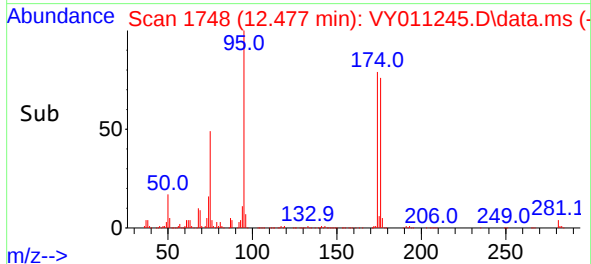
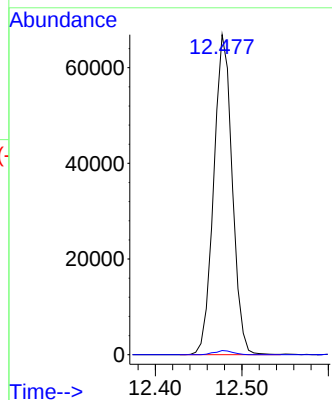
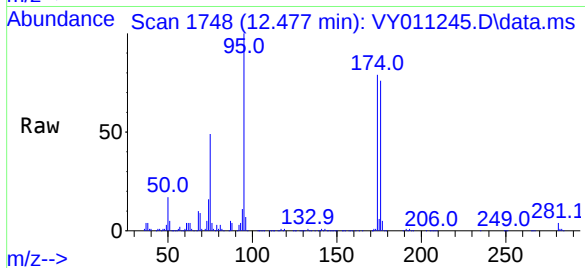




#76
1,2,3-Trichloropropane
Concen: 38.641 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY011245.D
Acq: 02 Nov 2022 01:31

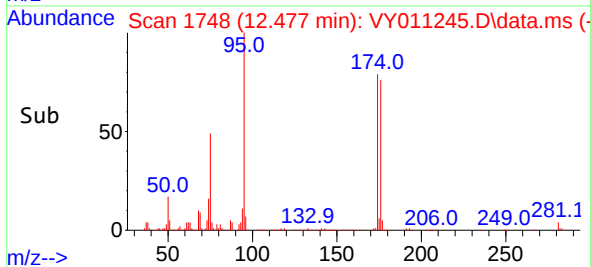
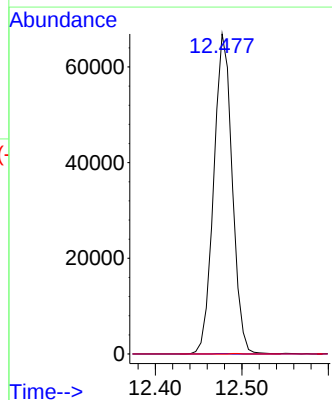
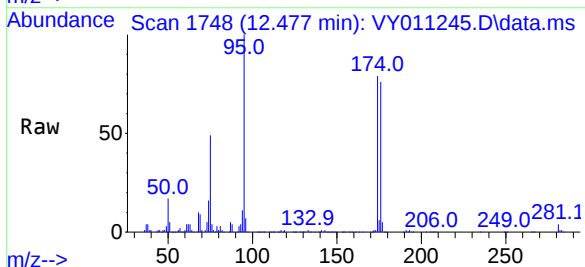
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-14.5-15.0

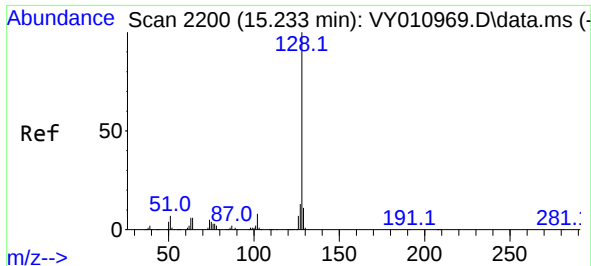
Tgt Ion: 75 Resp: 99405
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.696 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011245.D
Acq: 02 Nov 2022 01:31

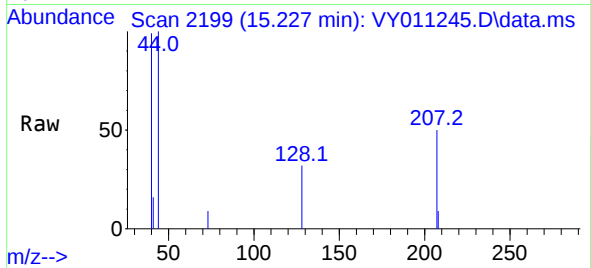
Tgt Ion: 75 Resp: 99405
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 4.004 ug/l
RT: 15.227 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY011245.D
Acq: 02 Nov 2022 01:31

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-14.5-15.0



Tgt Ion:128 Resp: 363
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

