

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110422\
 Data File : VY011307.D
 Acq On : 04 Nov 2022 19:02
 Operator : KP/MD
 Sample : N5310-13RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BIN 1-2-(2840)-VOC-9

Quant Time: Nov 07 01:54:28 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)

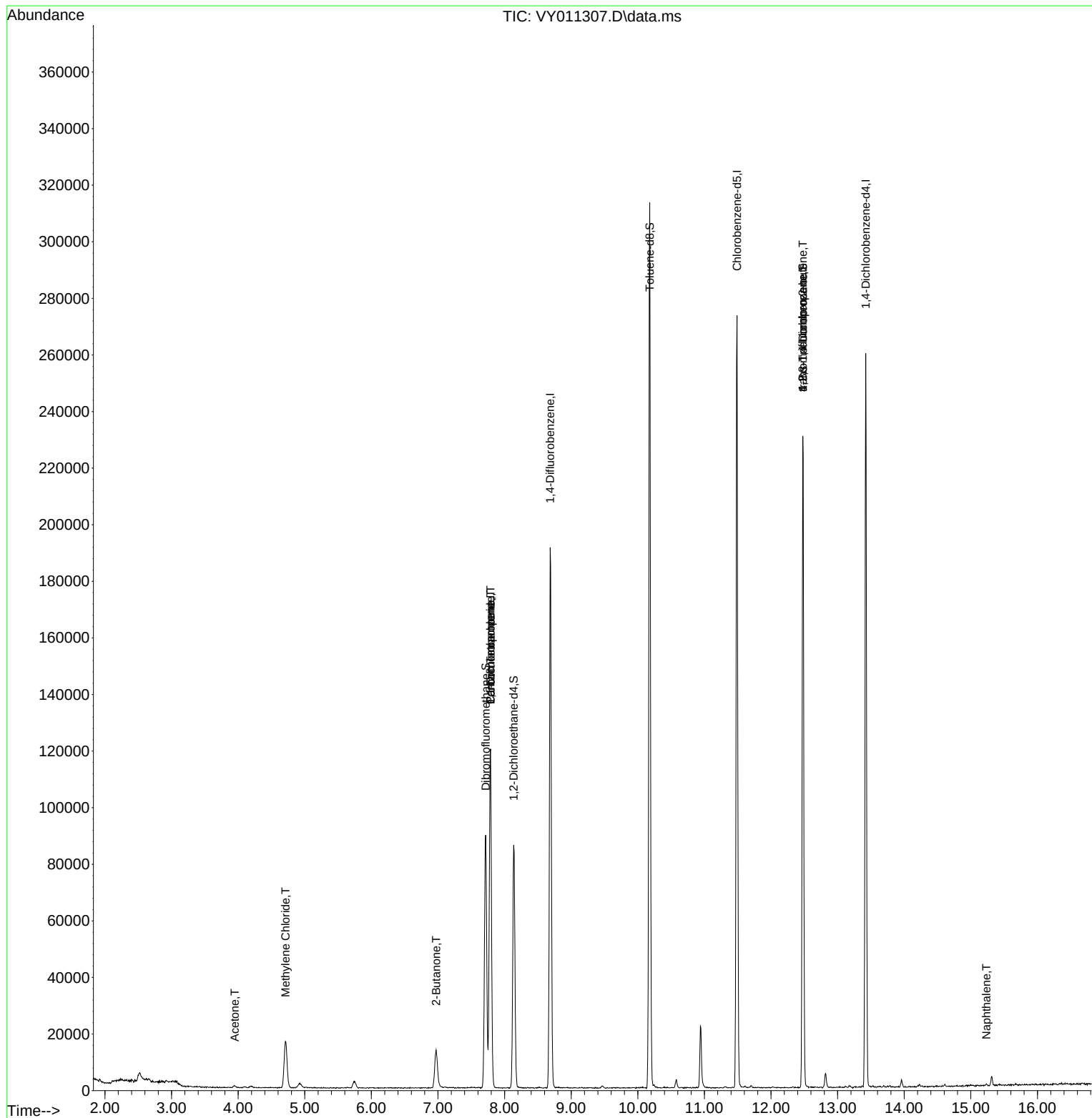
Internal Standards						
1) Pentafluorobenzene	7.789	168	96273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	167063	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	155684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	69603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	68203	66.239	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.480%	
35) Dibromofluoromethane	7.716	113	64671	60.250	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.500%	
50) Toluene-d8	10.179	98	208945	50.137	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.280%	
62) 4-Bromofluorobenzene	12.477	95	73550	50.837	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.680%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	22	Below Cal	#	43
11) Tert butyl alcohol	4.924	59	1975	Below Cal	#	77
16) Acetone	3.948	43	1272	4.093	ug/l #	88
20) Methylene Chloride	4.710	84	13674	6.370	ug/l #	78
25) 2-Butanone	6.972	43	1120	2.561	ug/l	92
36) 1,1-Dichloropropene	7.789	75	6945	3.962	ug/l #	51
38) Carbon Tetrachloride	7.789	117	9376	5.156	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	35869	42.330	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	35869	90.593	ug/l #	7
95) Naphthalene	15.233	128	688	4.173	ug/l #	72

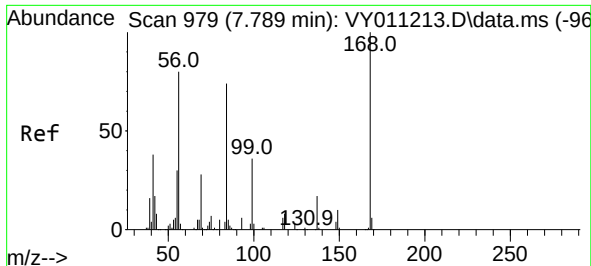
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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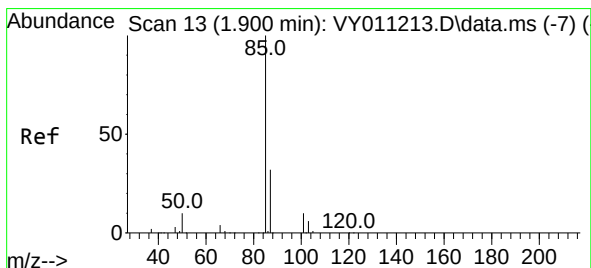
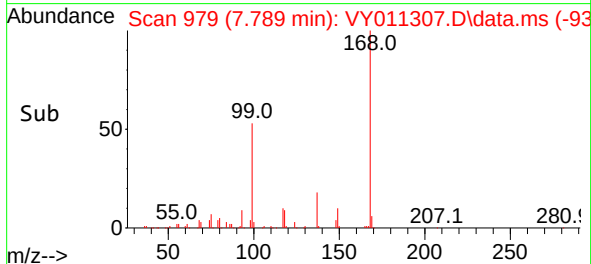
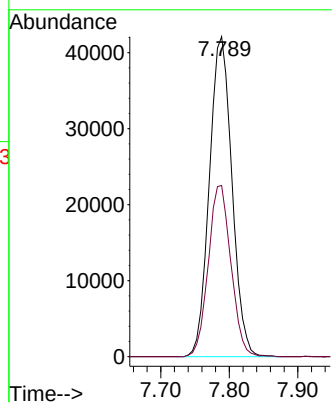
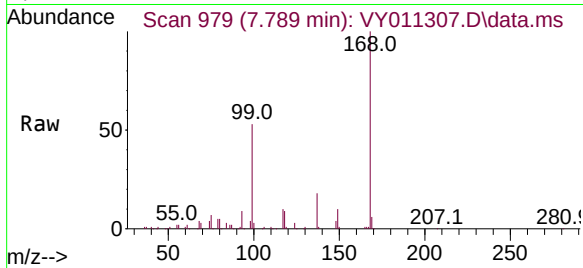




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011307.D
Acq: 04 Nov 2022 19:02

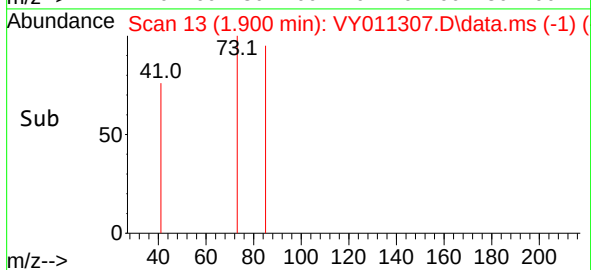
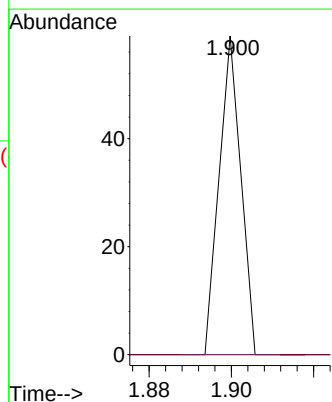
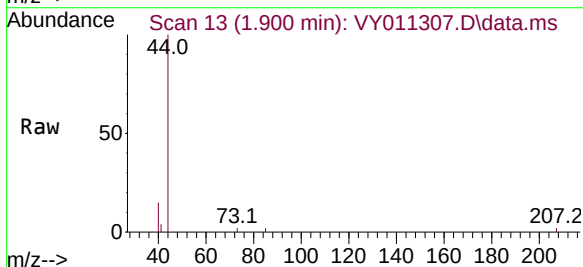
Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-9

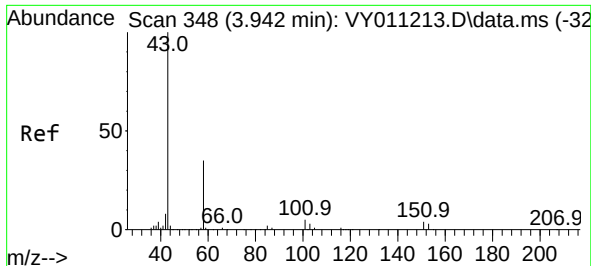
Tgt Ion:168 Resp: 96273
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011307.D
Acq: 04 Nov 2022 19:02

Tgt Ion: 85 Resp: 22
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

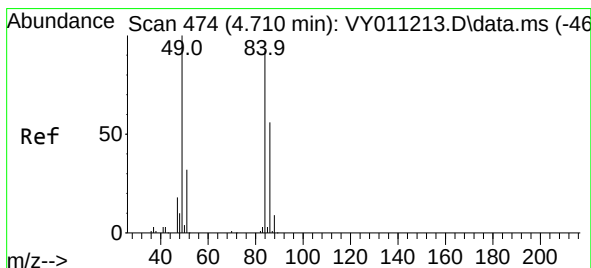
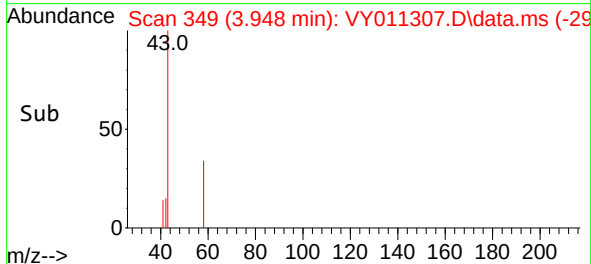
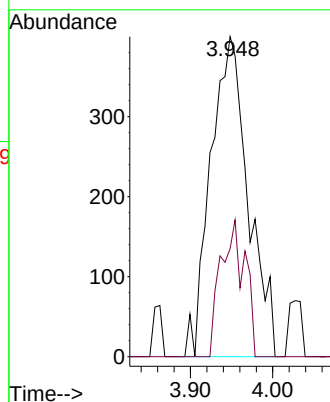
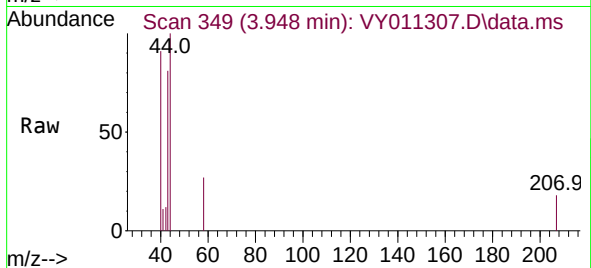




#16
Acetone
Concen: 4.093 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY011307.D
Acq: 04 Nov 2022 19:02

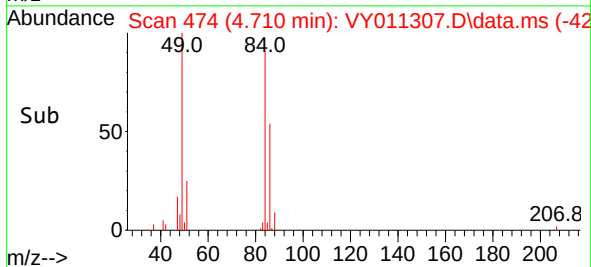
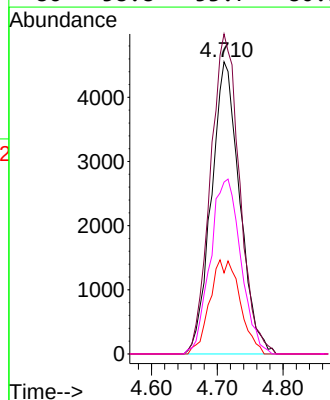
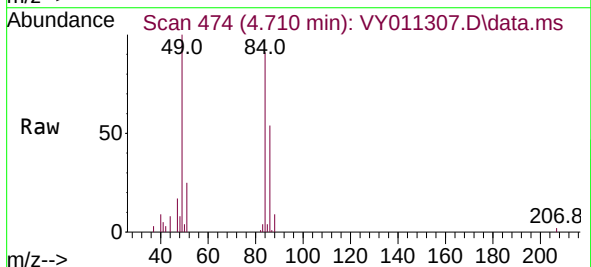
Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-9

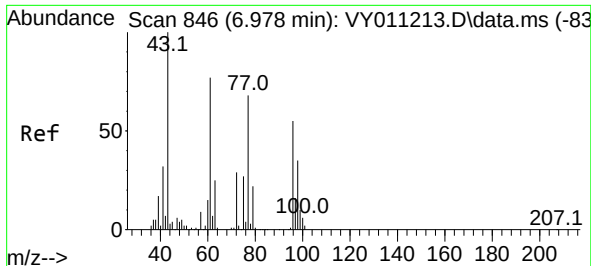
Tgt Ion: 43 Resp: 1272
Ion Ratio Lower Upper
43 100
58 33.8 22.0 33.0#



#20
Methylene Chloride
Concen: 6.370 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011307.D
Acq: 04 Nov 2022 19:02

Tgt Ion: 84 Resp: 13674
Ion Ratio Lower Upper
84 100
49 109.5 114.4 171.6#
51 27.8 35.3 52.9#
86 58.8 53.7 80.5

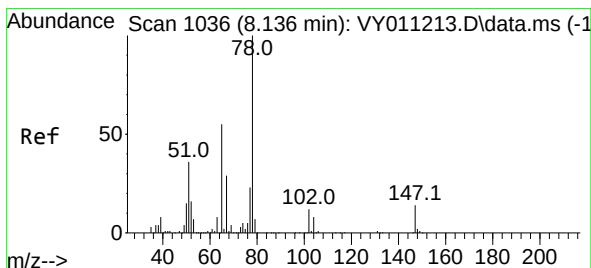
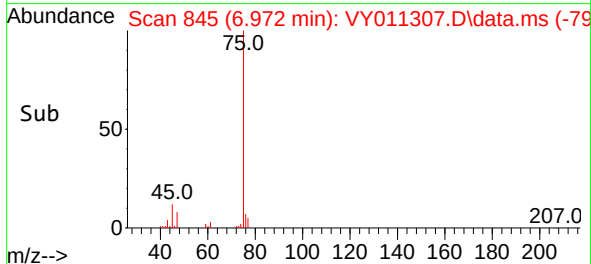
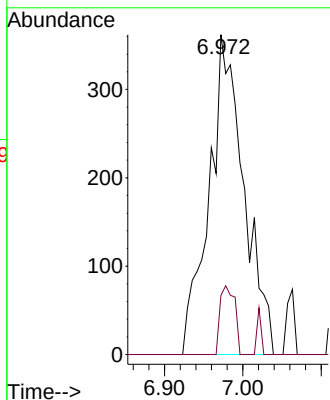
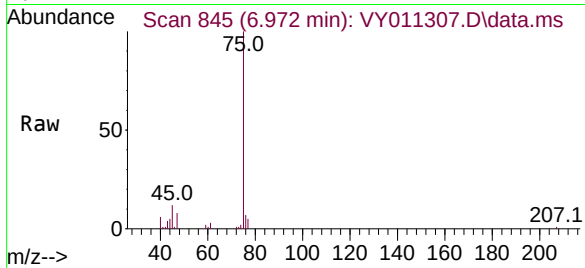




#25
2-Butanone
Concen: 2.561 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY011307.D
Acq: 04 Nov 2022 19:02

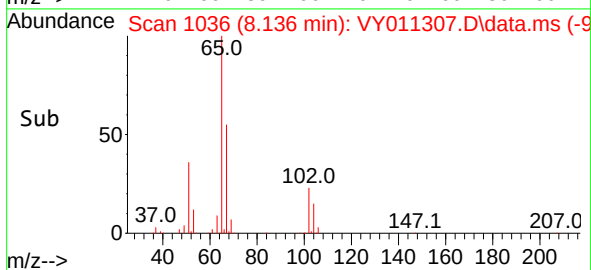
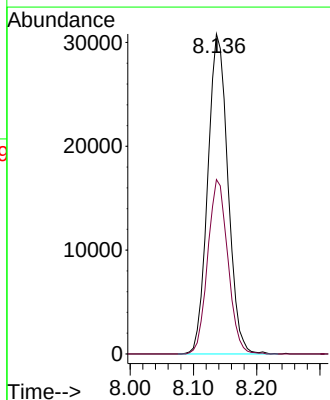
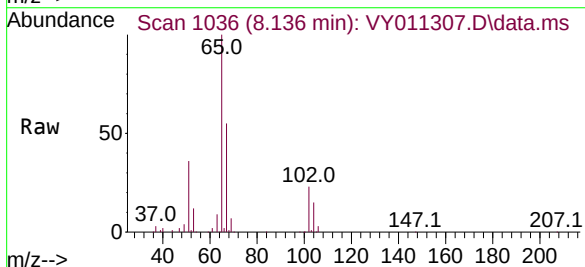
Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-9

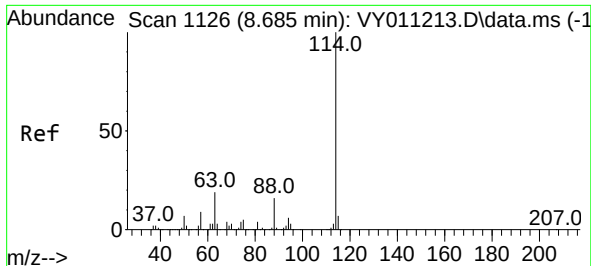
Tgt Ion: 43 Resp: 1120
Ion Ratio Lower Upper
43 100
72 18.5 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 66.239 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011307.D
Acq: 04 Nov 2022 19:02

Tgt Ion: 65 Resp: 68203
Ion Ratio Lower Upper
65 100
67 54.4 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: VY011307.D

Acq: 04 Nov 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :

BIN 1-2-(2840)-VOC-9

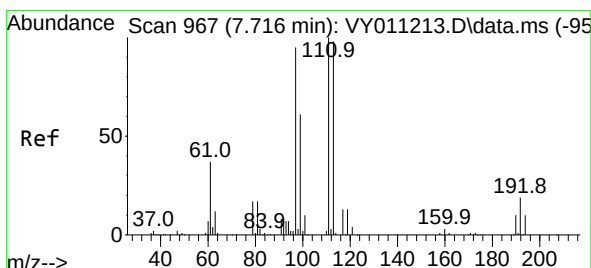
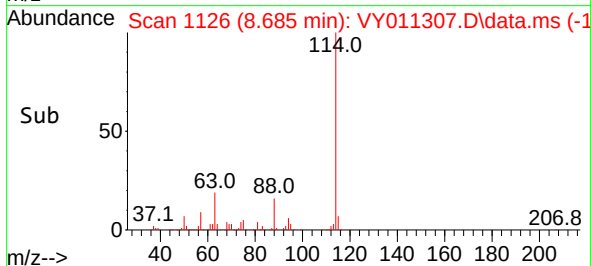
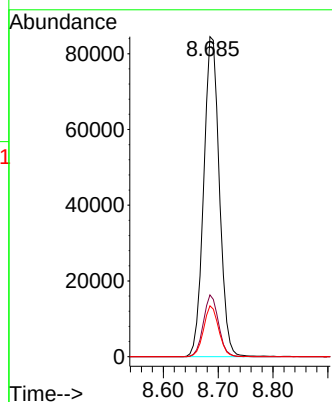
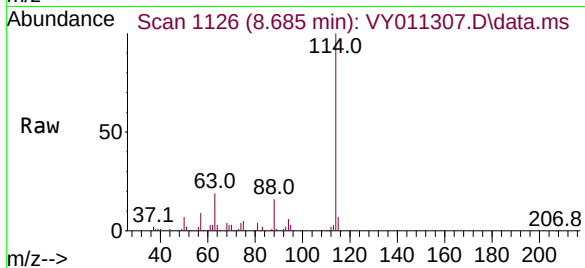
Tgt Ion:114 Resp: 167063

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 15.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 60.250 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011307.D

Acq: 04 Nov 2022 19:02

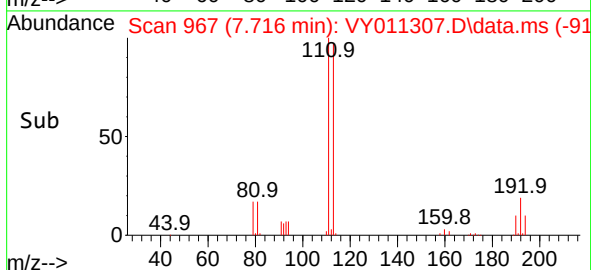
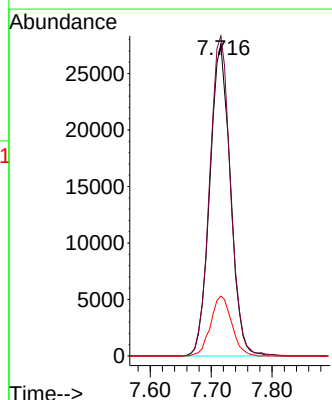
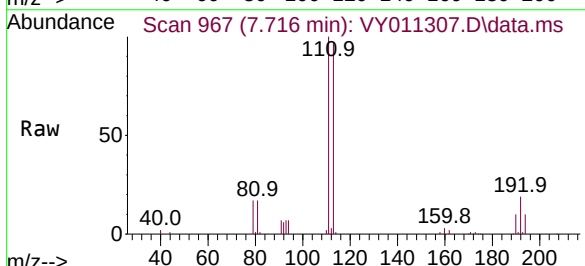
Tgt Ion:113 Resp: 64671

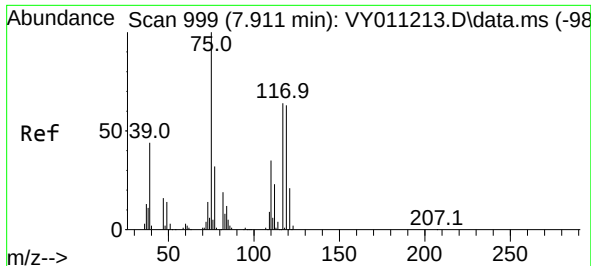
Ion Ratio Lower Upper

113 100

111 103.8 82.6 124.0

192 19.7 17.6 26.4

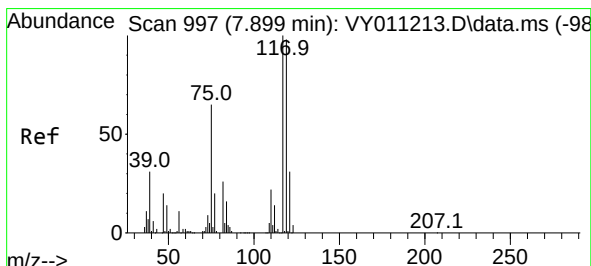
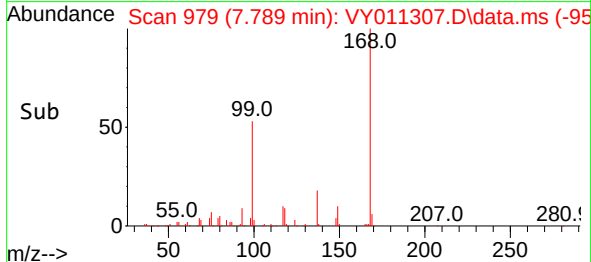
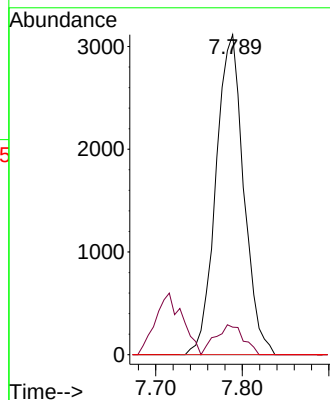
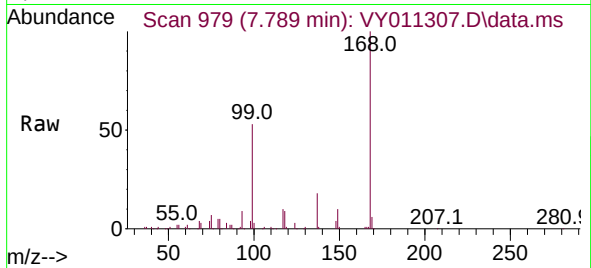




#36
 1,1-Dichloropropene
 Concen: 3.962 ug/l
 RT: 7.789 min Scan# 911
 Delta R.T. -0.128 min
 Lab File: VY011307.D
 Acq: 04 Nov 2022 19:02

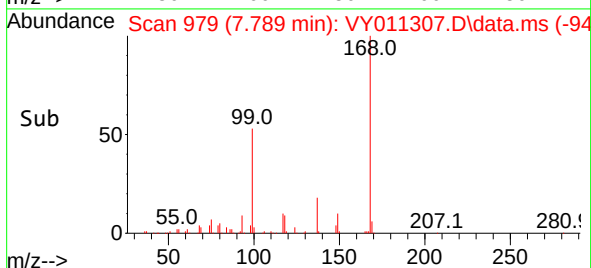
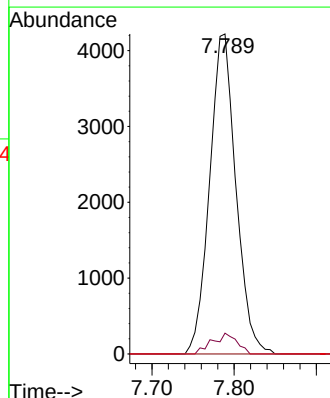
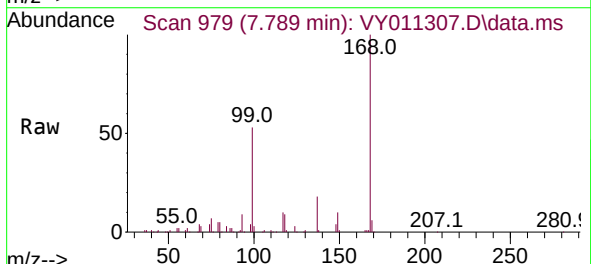
Instrument :
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 BIN 1-2-(2840)-VOC-9

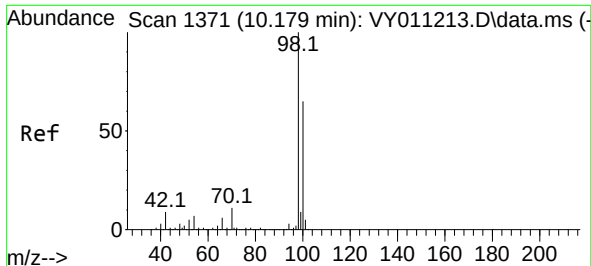
Tgt Ion: 75 Resp: 6945
 Ion Ratio Lower Upper
 75 100
 110 9.4 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.156 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.110 min
 Lab File: VY011307.D
 Acq: 04 Nov 2022 19:02

Tgt Ion: 117 Resp: 9376
 Ion Ratio Lower Upper
 117 100
 119 6.5 77.9 116.9#
 121 0.0 24.8 37.2#

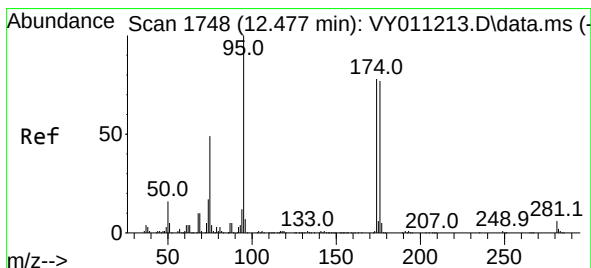
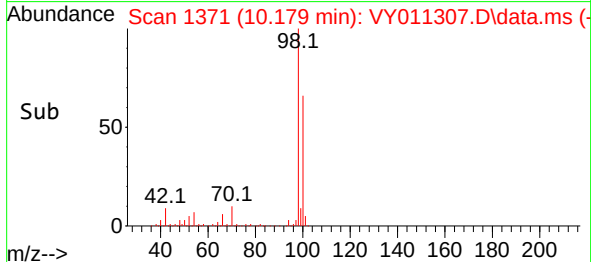
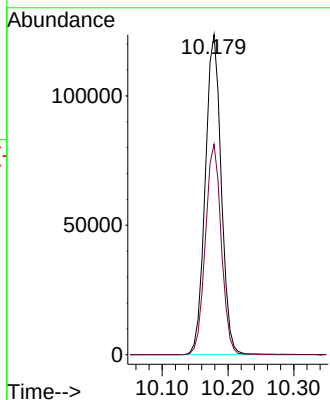
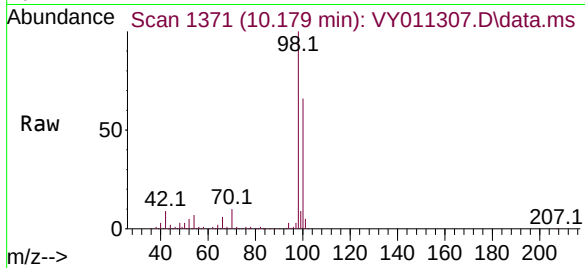




#50
Toluene-d8
Concen: 50.137 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011307.D
Acq: 04 Nov 2022 19:02

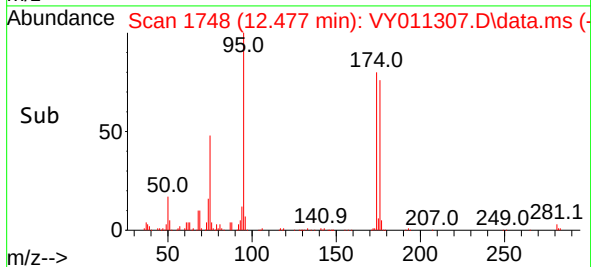
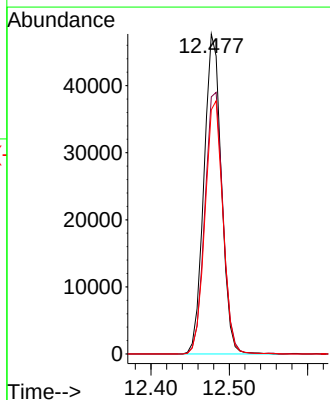
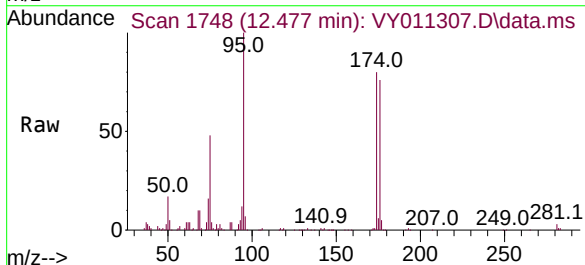
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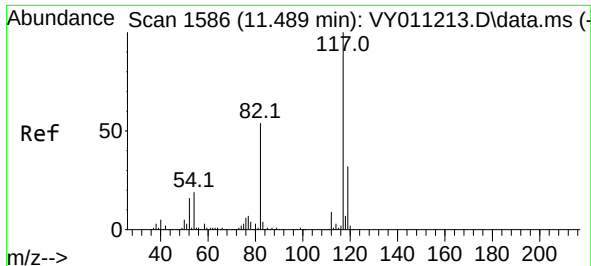
Tgt Ion: 98 Resp: 208945
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.837 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011307.D
Acq: 04 Nov 2022 19:02

Tgt Ion: 95 Resp: 73550
Ion Ratio Lower Upper
95 100
174 84.9 0.0 177.0
176 81.3 0.0 175.8

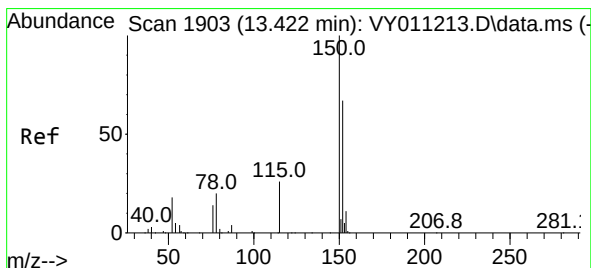
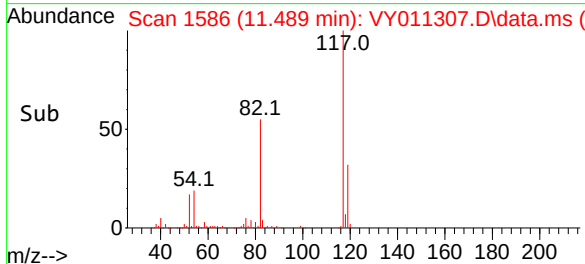
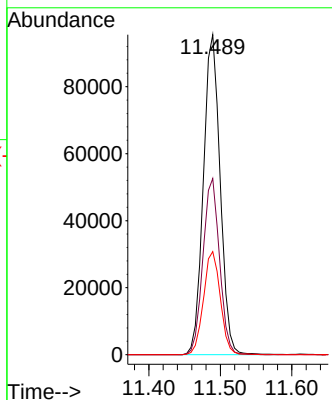
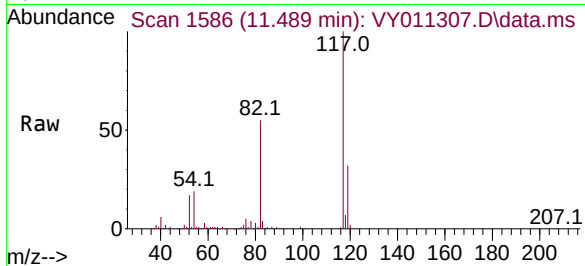




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011307.D
Acq: 04 Nov 2022 19:02

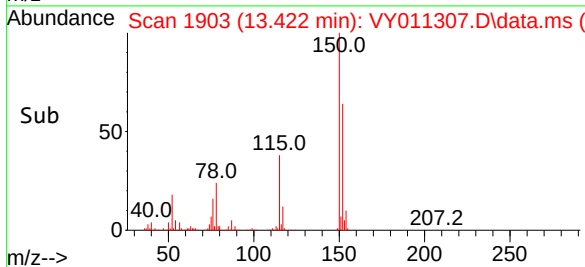
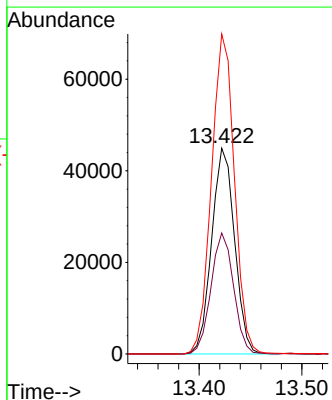
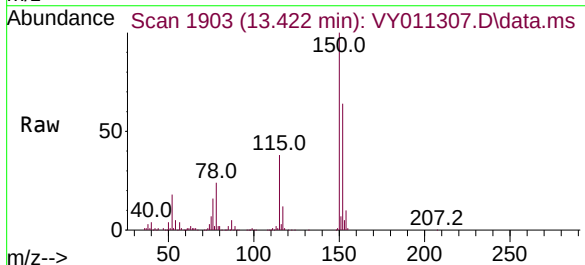
Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-9

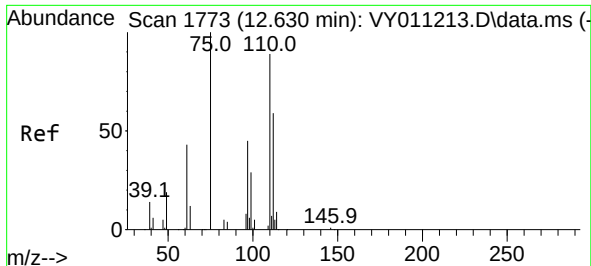
Tgt Ion:117 Resp: 155684
Ion Ratio Lower Upper
117 100
82 55.1 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY011307.D
Acq: 04 Nov 2022 19:02

Tgt Ion:152 Resp: 69603
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 155.8 0.0 347.6

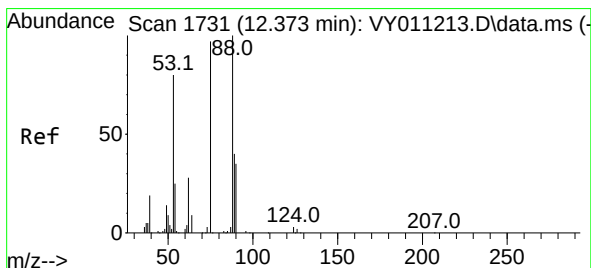
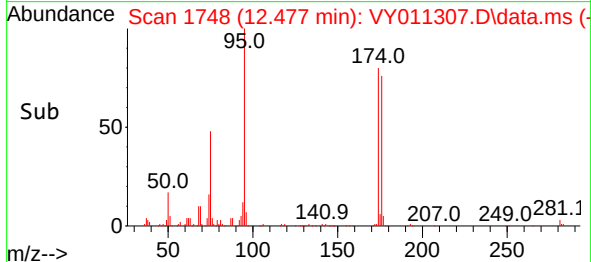
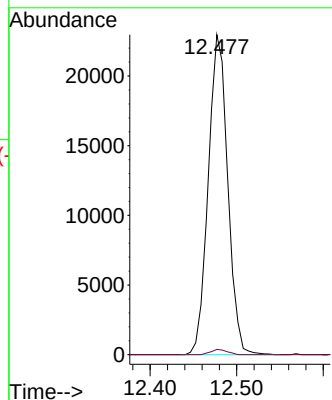
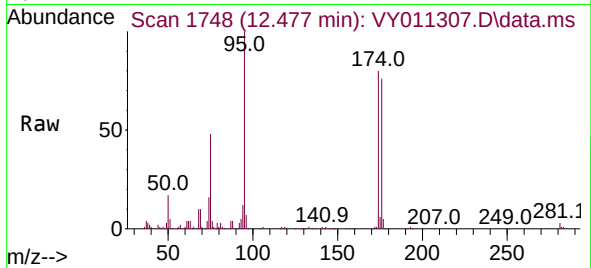




#76
1,2,3-Trichloropropane
Concen: 42.330 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011307.D
Acq: 04 Nov 2022 19:02

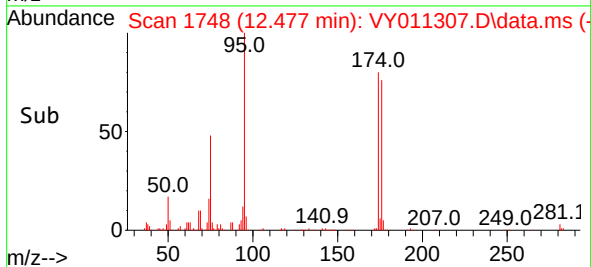
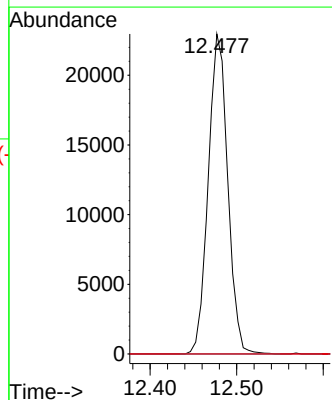
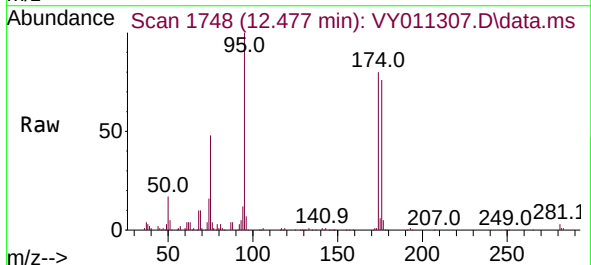
Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-9

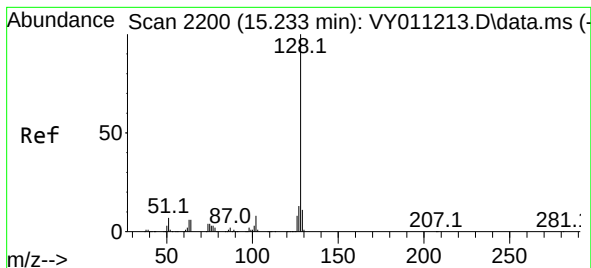
Tgt Ion: 75 Resp: 35869
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.593 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011307.D
Acq: 04 Nov 2022 19:02

Tgt Ion: 75 Resp: 35869
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#95

Naphthalene

Concen: 4.173 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY011307.D

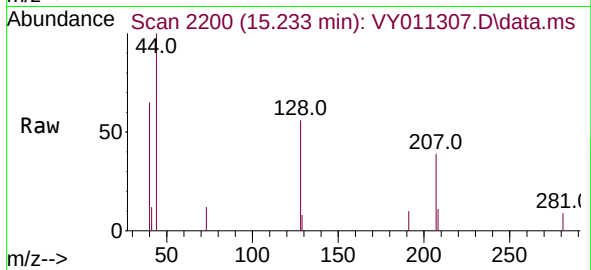
Acq: 04 Nov 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :

BIN 1-2-(2840)-VOC-9



Tgt Ion:128 Resp: 688

Ion Ratio Lower Upper

128 100

127 0.0 11.0 16.4#

129 3.1 8.4 12.6#

