

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022723\
 Data File : VY012738.D
 Acq On : 27 Feb 2023 16:51
 Operator : KP/MD
 Sample : 01726-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-022723

Quant Time: Feb 28 00:23:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

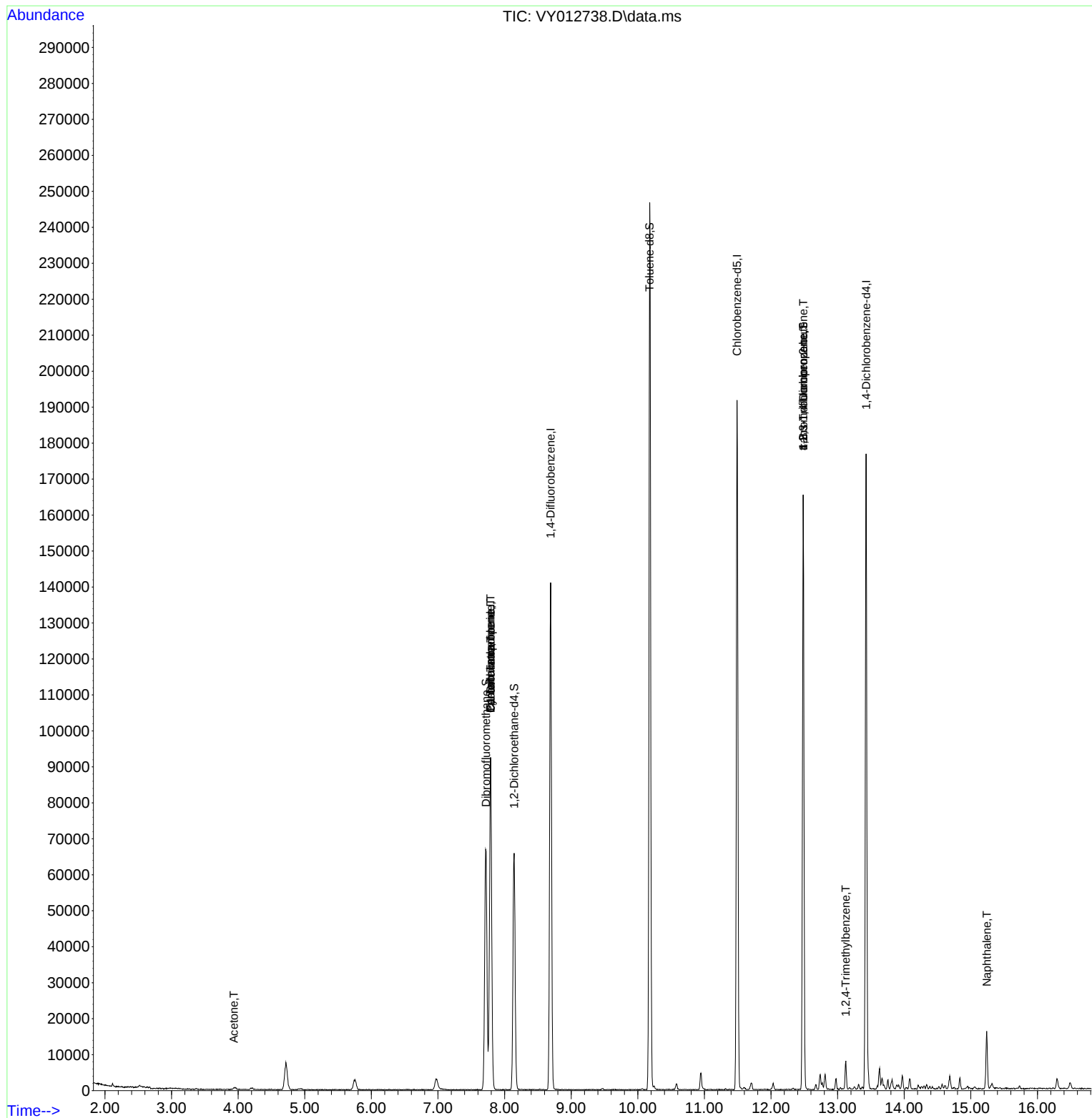
Internal Standards						
1) Pentafluorobenzene	7.789	168	70629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	117165	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	100607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	44772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	50699	60.778	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.560%	
35) Dibromofluoromethane	7.722	113	47555	60.092	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.180%	
50) Toluene-d8	10.179	98	160516	54.140	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.280%	
62) 4-Bromofluorobenzene	12.483	95	47388	49.947	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.900%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	567	Below Cal	#	88
16) Acetone	3.936	43	630	2.315	ug/l #	77
20) Methylene Chloride	4.722	84	5055	Below Cal	#	85
31) Cyclohexane	7.789	56	1570	1.083	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	5480	4.369	ug/l #	50
38) Carbon Tetrachloride	7.789	117	7179	5.535	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	24612	44.095	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	24612	93.415	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.123	105	4036	1.494	ug/l	100
95) Naphthalene	15.239	128	12557	7.086	ug/l	99

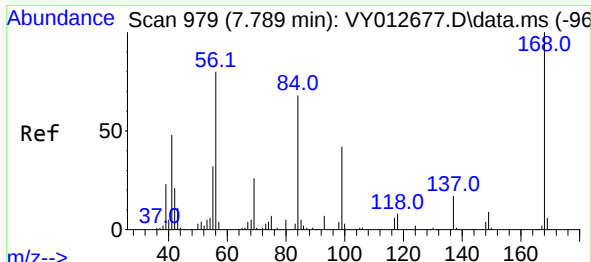
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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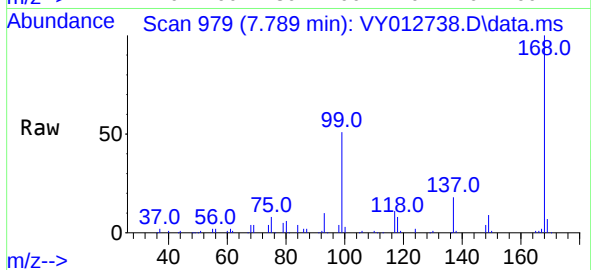
Quant Time: Feb 28 00:23:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
Quant Title : SW846 8260
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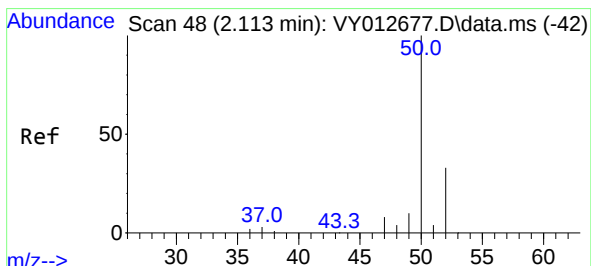
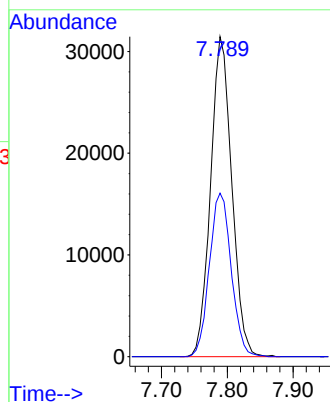
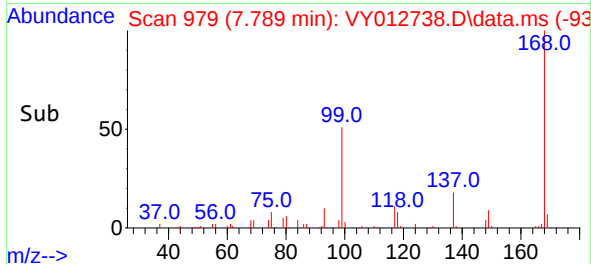


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012738.D
Acq: 27 Feb 2023 16:51

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-022723

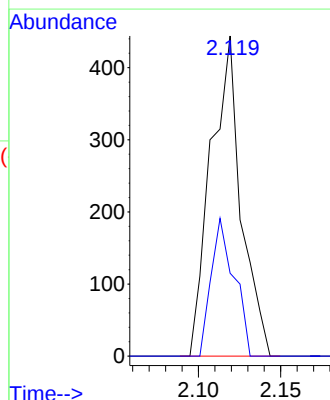
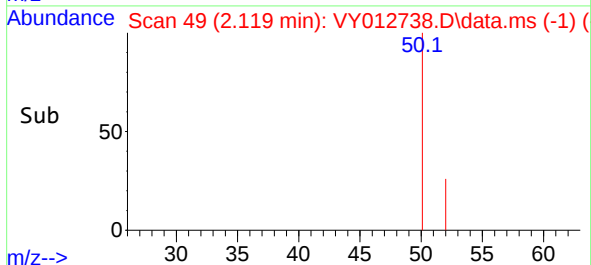
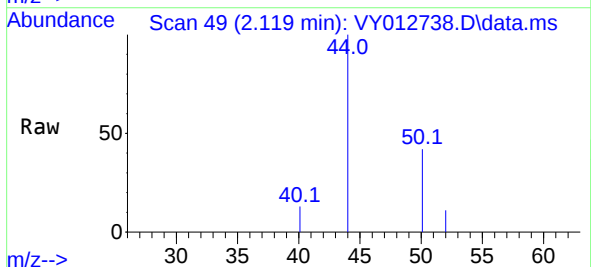


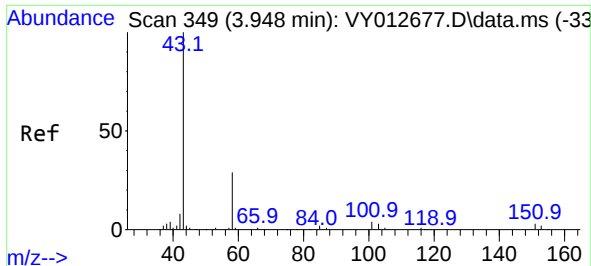
Tgt Ion:168 Resp: 70629
Ion Ratio Lower Upper
168 100
99 51.1 45.4 68.2



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY012738.D
Acq: 27 Feb 2023 16:51

Tgt Ion: 50 Resp: 567
Ion Ratio Lower Upper
50 100
52 25.9 26.1 39.1#

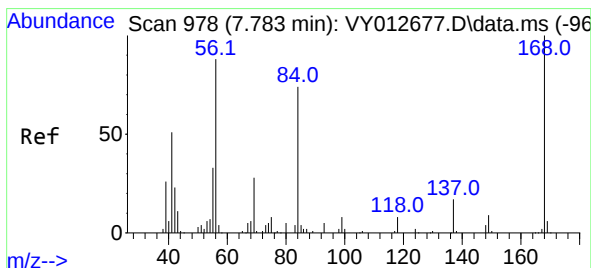
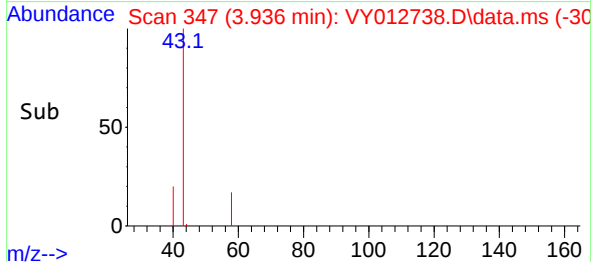
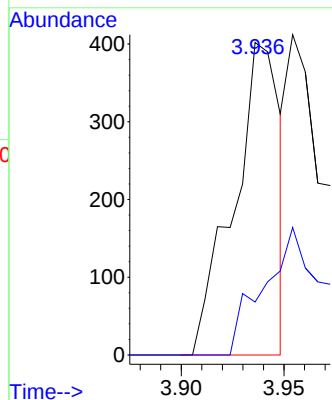
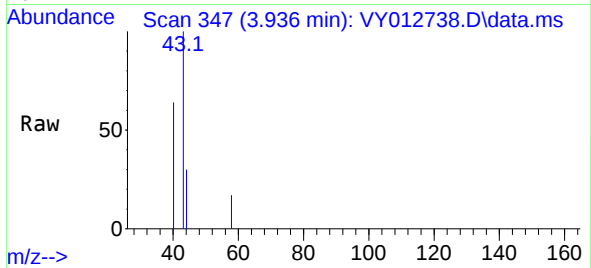




#16
Acetone
Concen: 2.315 ug/l
RT: 3.936 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY012738.D
Acq: 27 Feb 2023 16:51

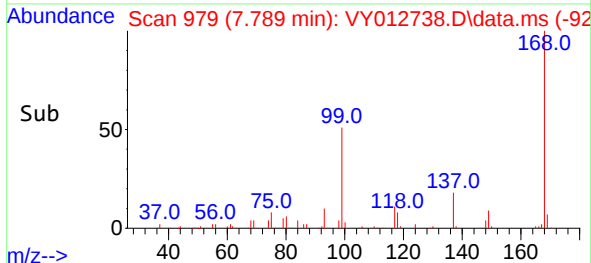
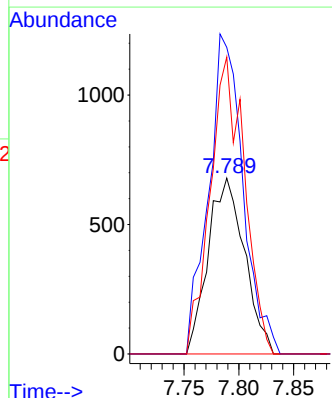
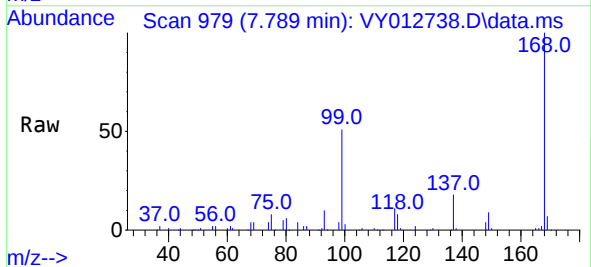
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-022723

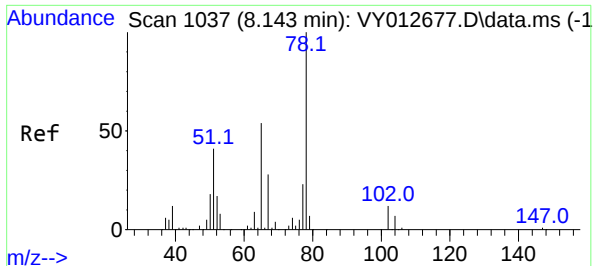
Tgt Ion: 43 Resp: 630
Ion Ratio Lower Upper
43 100
58 16.9 23.3 34.9#



#31
Cyclohexane
Concen: 1.083 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY012738.D
Acq: 27 Feb 2023 16:51

Tgt Ion: 56 Resp: 1570
Ion Ratio Lower Upper
56 100
69 174.4 25.4 38.2#
84 168.9 67.3 100.9#





#33

1,2-Dichloroethane-d4

Concen: 60.778 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY012738.D

Acq: 27 Feb 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

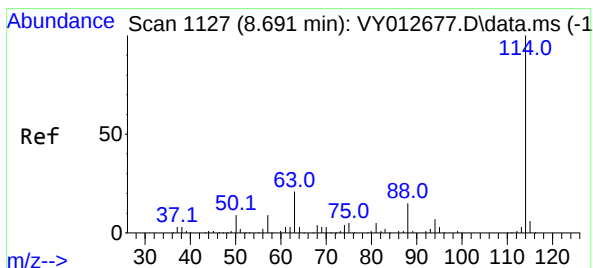
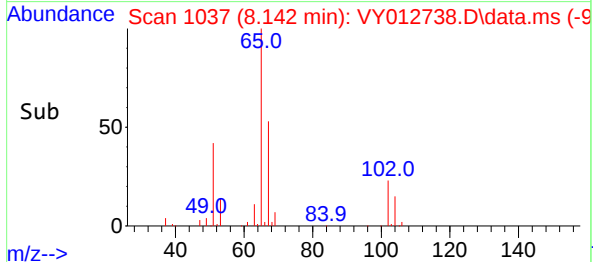
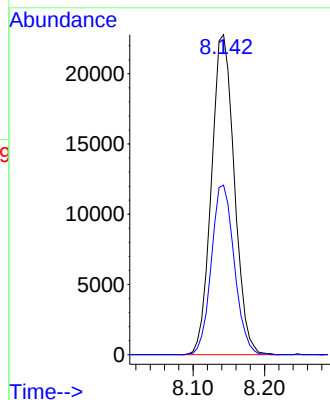
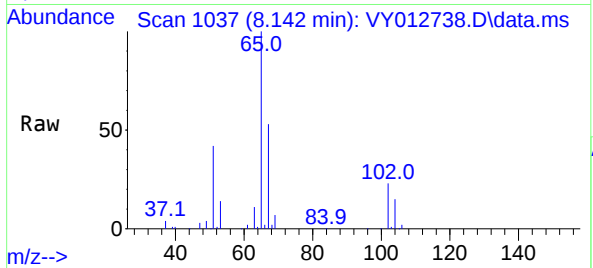
SU-03-022723

Tgt Ion: 65 Resp: 50699

Ion Ratio Lower Upper

65 100

67 53.1 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012738.D

Acq: 27 Feb 2023 16:51

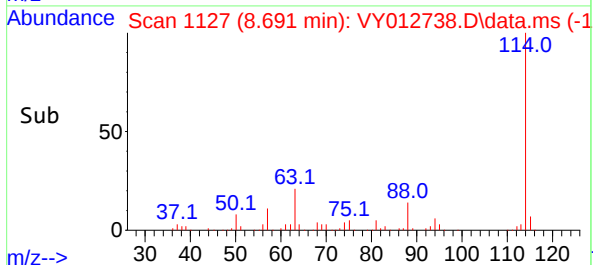
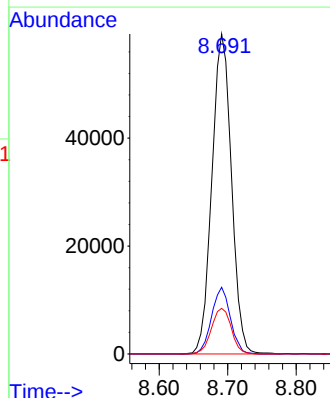
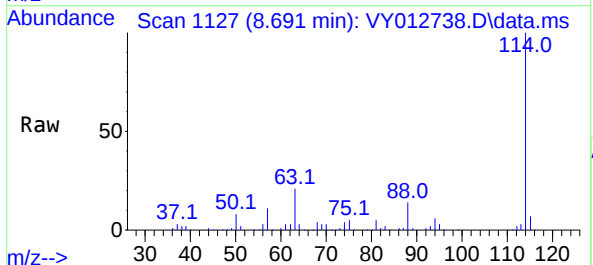
Tgt Ion: 114 Resp: 117165

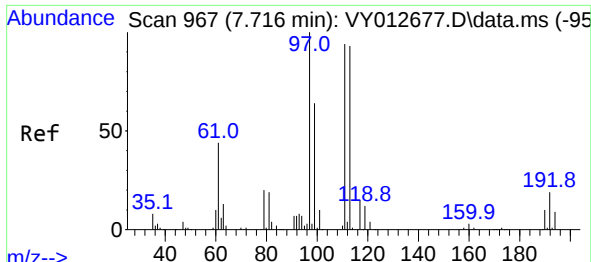
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.8

88 14.3 0.0 29.6

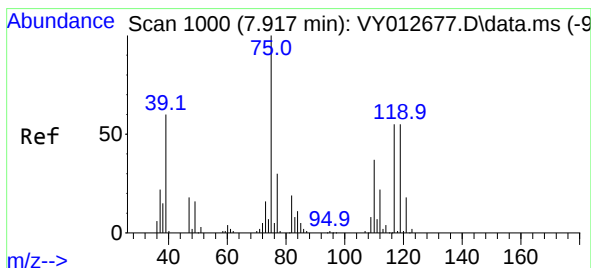
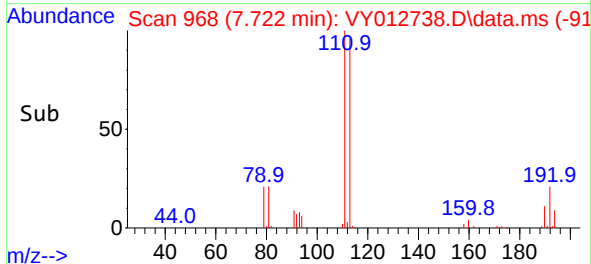
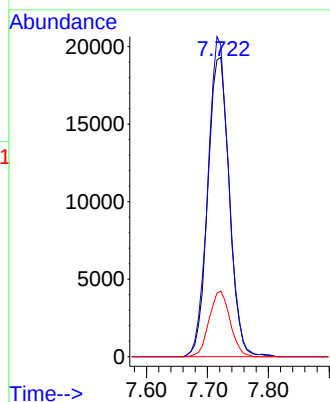
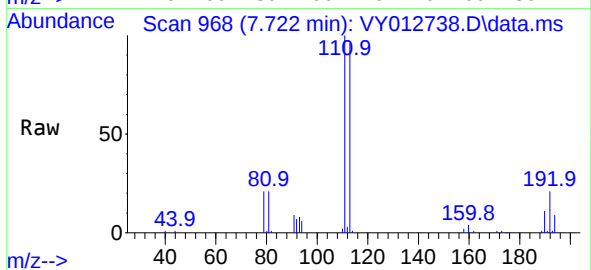




#35
Dibromofluoromethane
Concen: 60.092 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012738.D
Acq: 27 Feb 2023 16:51

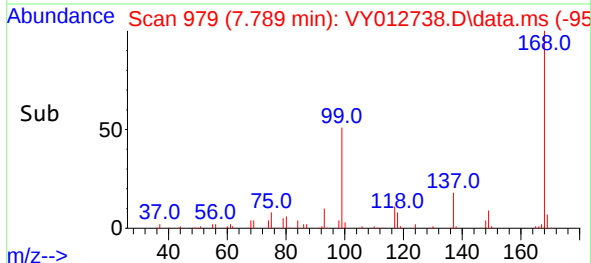
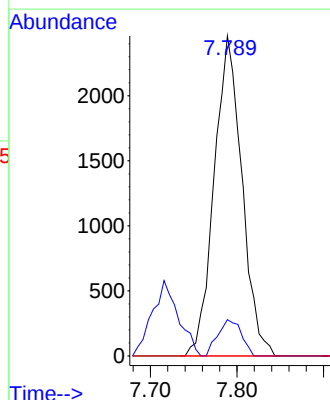
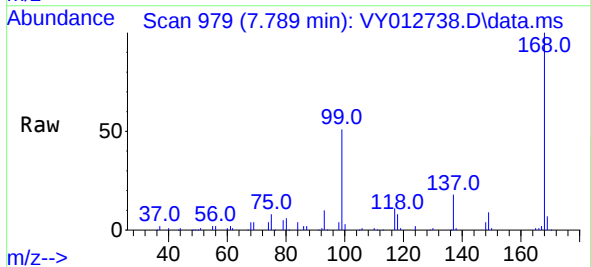
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-022723

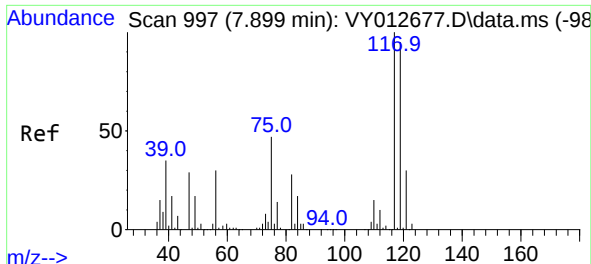
Tgt Ion:113 Resp: 47555
Ion Ratio Lower Upper
113 100
111 103.5 82.0 123.0
192 21.2 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.369 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012738.D
Acq: 27 Feb 2023 16:51

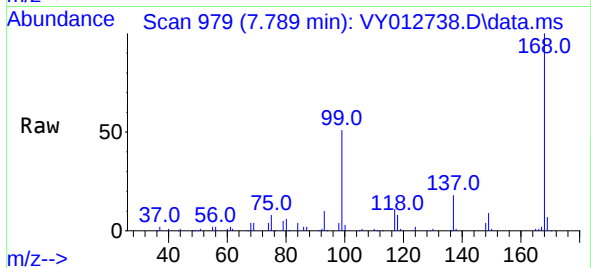
Tgt Ion: 75 Resp: 5480
Ion Ratio Lower Upper
75 100
110 9.6 17.6 52.8#
77 0.0 24.6 37.0#



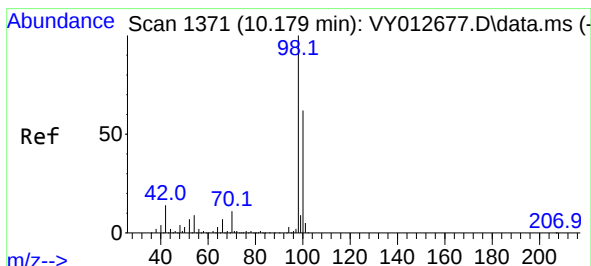
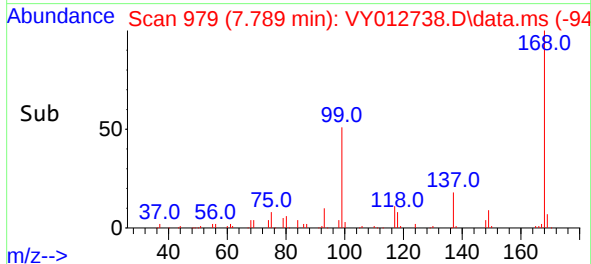
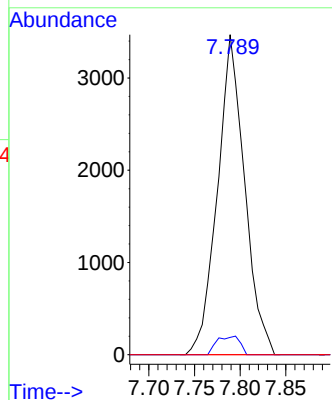


#38
Carbon Tetrachloride
Concen: 5.535 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012738.D
Acq: 27 Feb 2023 16:51

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-022723

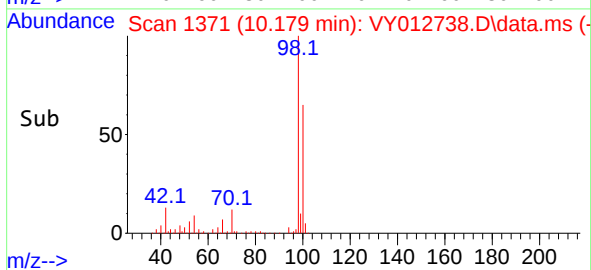
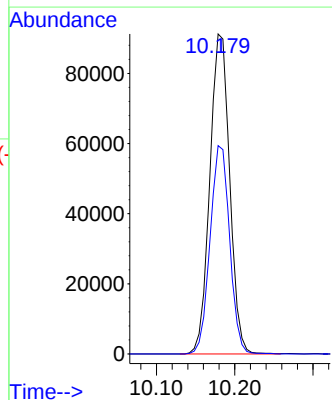
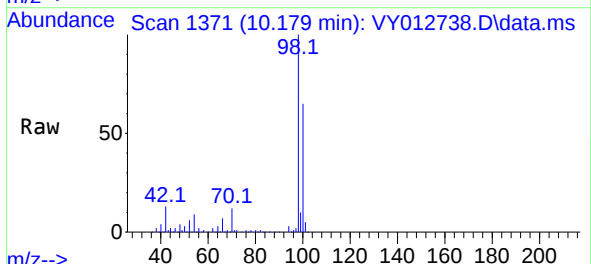


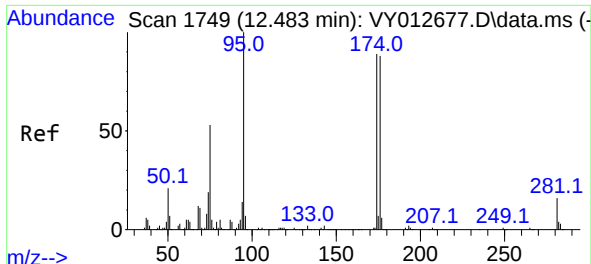
Tgt Ion:117 Resp: 7179
Ion Ratio Lower Upper
117 100
119 5.4 75.5 113.3#
121 0.0 23.8 35.8#



#50
Toluene-d8
Concen: 54.140 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012738.D
Acq: 27 Feb 2023 16:51

Tgt Ion: 98 Resp: 160516
Ion Ratio Lower Upper
98 100
100 64.1 51.2 76.8

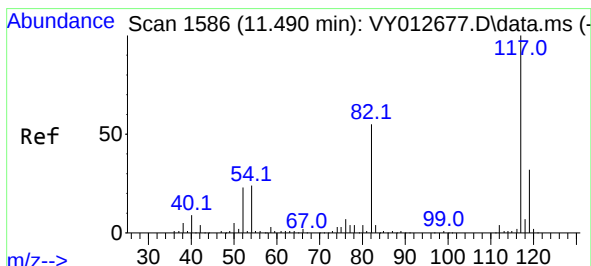
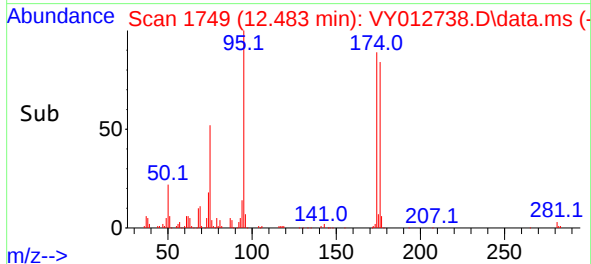
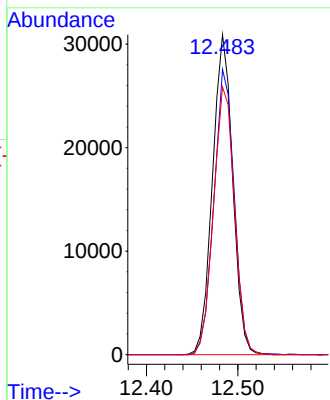
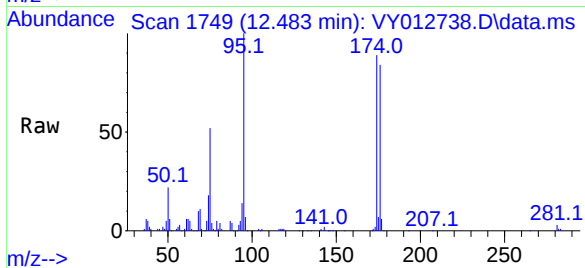




#62
4-Bromofluorobenzene
Concen: 49.947 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012738.D
Acq: 27 Feb 2023 16:51

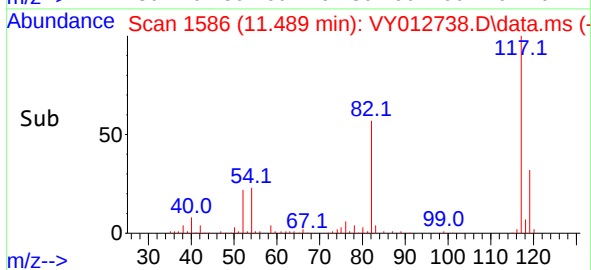
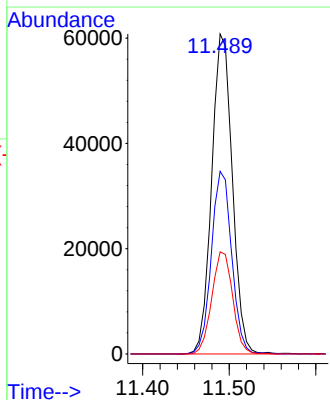
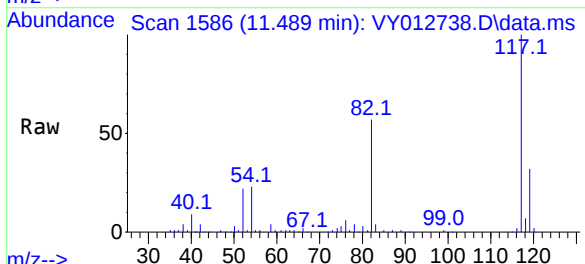
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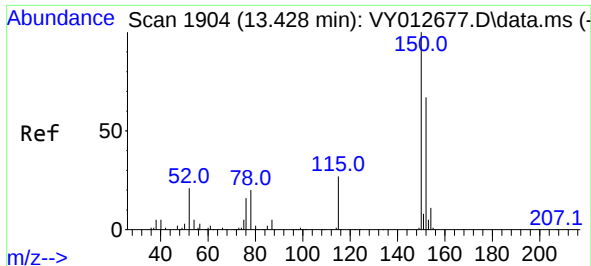
Tgt Ion: 95 Resp: 47388
Ion Ratio Lower Upper
95 100
174 90.1 0.0 172.8
176 87.0 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012738.D
Acq: 27 Feb 2023 16:51

Tgt Ion: 117 Resp: 100607
Ion Ratio Lower Upper
117 100
82 57.1 44.1 66.1
119 31.9 25.5 38.3

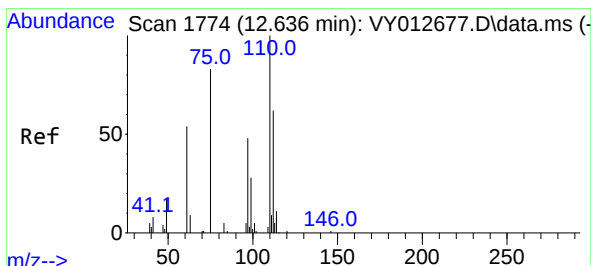
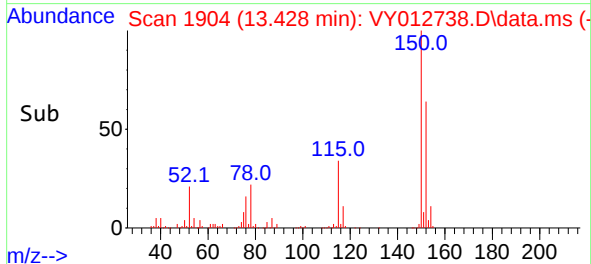
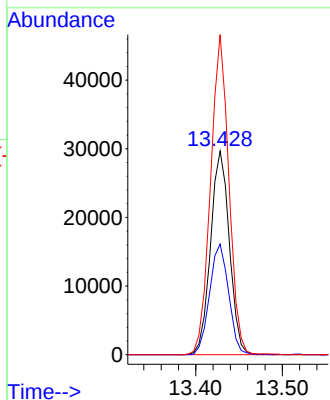
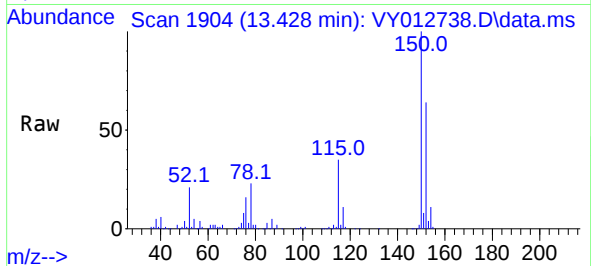




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012738.D
Acq: 27 Feb 2023 16:51

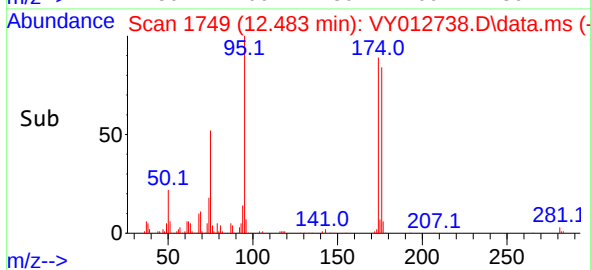
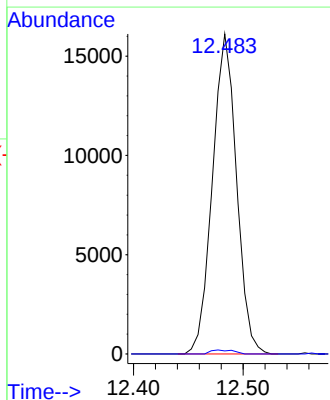
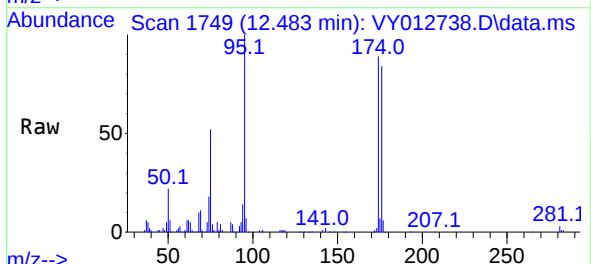
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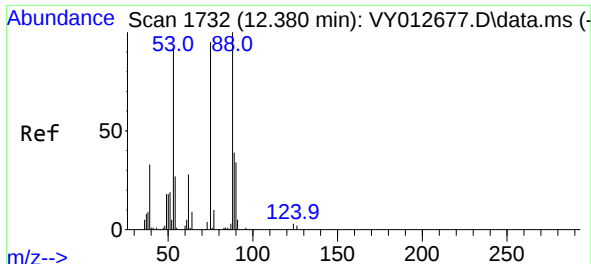
Tgt Ion:152 Resp: 44772
Ion Ratio Lower Upper
152 100
115 54.9 28.7 86.3
150 152.9 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 44.095 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012738.D
Acq: 27 Feb 2023 16:51

Tgt Ion: 75 Resp: 24612
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

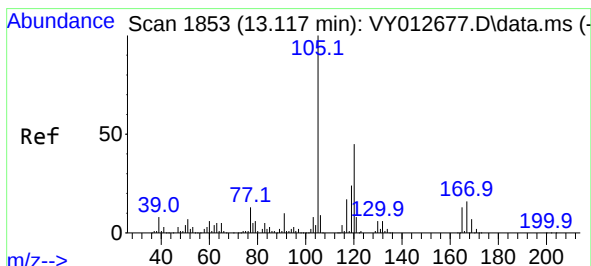
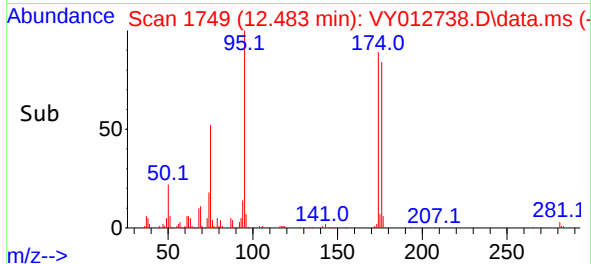
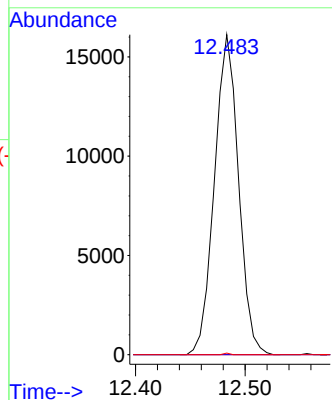
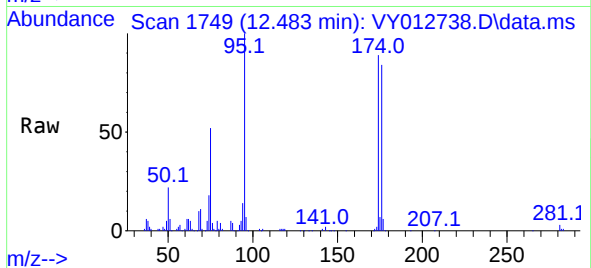




#81
trans-1,4-Dichloro-2-butene
Concen: 93.415 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY012738.D
Acq: 27 Feb 2023 16:51

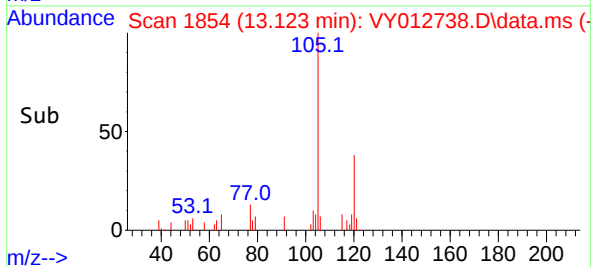
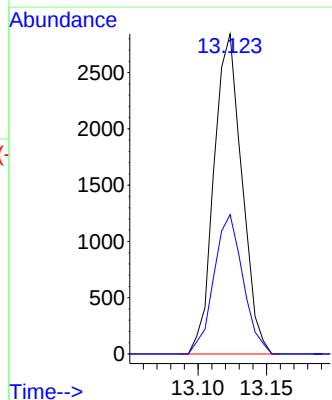
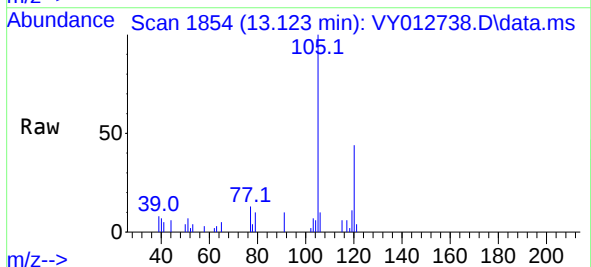
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-022723

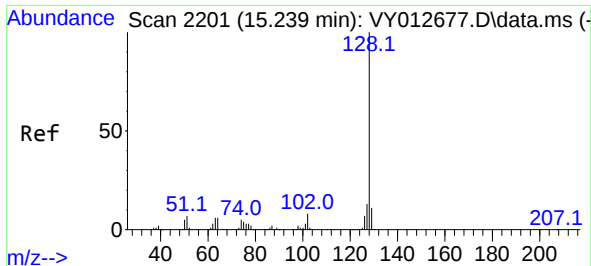
Tgt Ion: 75 Resp: 24612
Ion Ratio Lower Upper
75 100
53 0.0 80.4 120.6#
89 0.1 36.5 54.7#



#84
1,2,4-Trimethylbenzene
Concen: 1.494 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY012738.D
Acq: 27 Feb 2023 16:51

Tgt Ion: 105 Resp: 4036
Ion Ratio Lower Upper
105 100
120 45.4 22.7 68.0





#95

Naphthalene

Concen: 7.086 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY012738.D

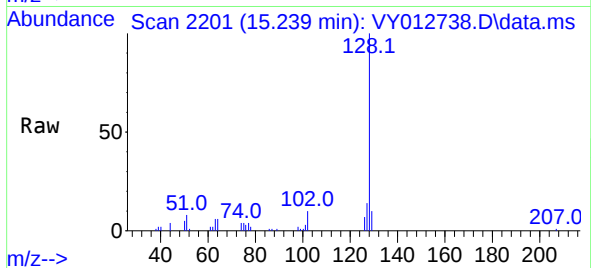
Acq: 27 Feb 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-022723



Tgt Ion:128 Resp: 12557

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.4 9.0 13.6

