

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032924\
 Data File : VV034905.D
 Acq On : 29 Mar 2024 15:01
 Operator : SY/MD
 Sample : P1934-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0R42

Quant Time: Mar 30 02:14:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 29 00:23:40 2024
 Response via : Initial Calibration

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

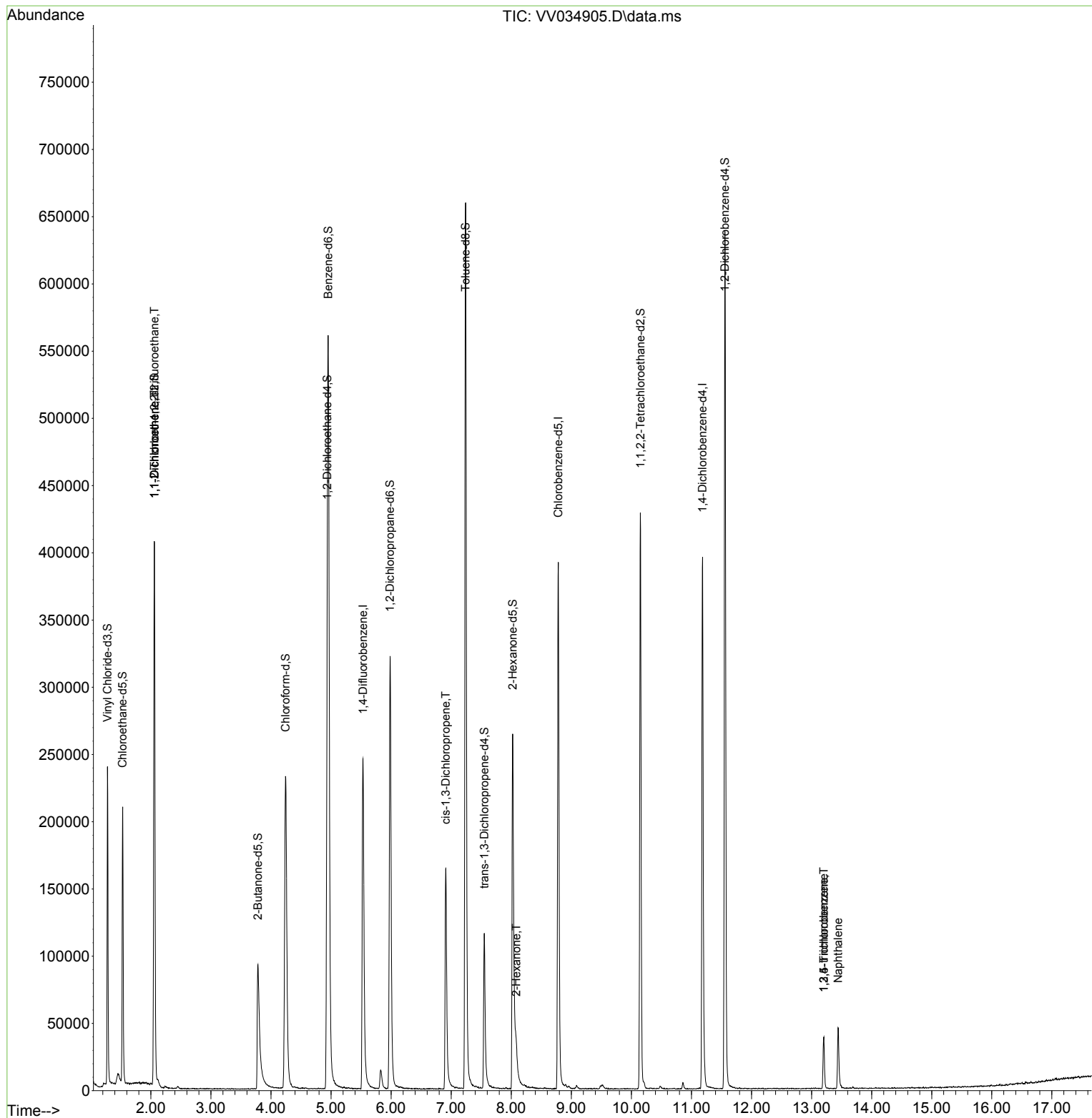
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	216897	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	217999	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	101578	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	152422	72.766	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery	= 145.540%#		
7) Chloroethane-d5	1.529	69	131333	72.186	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery	= 144.380%#		
11) 1,1-Dichloroethene-d2	2.060	65	69377	75.557	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 151.120%#		
21) 2-Butanone-d5	3.783	46	156405	125.898	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery	= 125.900%		
24) Chloroform-d	4.243	84	252080	71.576	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 143.160%#		
26) 1,2-Dichloroethane-d4	4.937	65	159344	71.263	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 142.520%#		
32) Benzene-d6	4.953	84	515340	70.376	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 140.760%#		
36) 1,2-Dichloropropane-d6	5.982	67	161998	69.667	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery	= 139.340%#		
41) Toluene-d8	7.240	98	449486	68.159	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 136.320%#		
43) trans-1,3-Dichloroprop...	7.551	79	71285	63.059	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 126.120%#		
47) 2-Hexanone-d5	8.024	63	91114	103.637	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery	= 103.640%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	211946	66.189	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery	= 132.380%#		
66) 1,2-Dichlorobenzene-d4	11.558	152	162088	71.071	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 142.140%#		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	1962	1.153	ug/L #	22
12) 1,1-Dichloroethene	2.060	96	1881	1.156	ug/L #	1
39) cis-1,3-Dichloropropene	6.908	75	4499	1.454	ug/L	88
48) 2-Hexanone	8.085	43	19188	8.995	ug/L #	93
69) 1,3,5-Trichlorobenzene	13.204	180	12020	4.874	ug/L	100
70) 1,2,4-Trichlorobenzene	13.204	180	12020	5.306	ug/L	99
71) Naphthalene	13.442	128	39473	6.280	ug/L	100

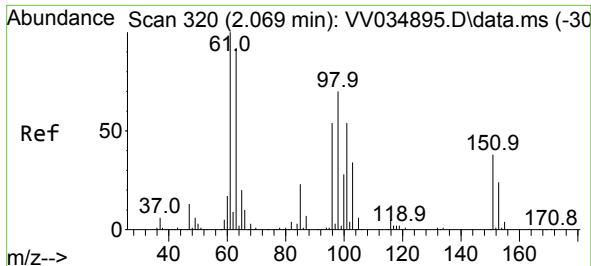
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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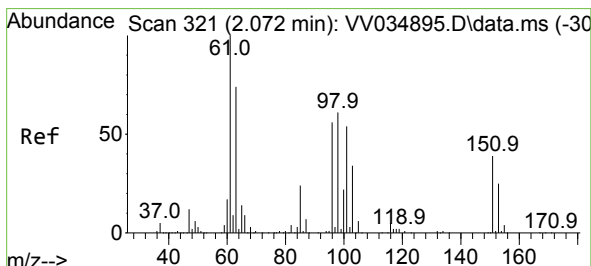
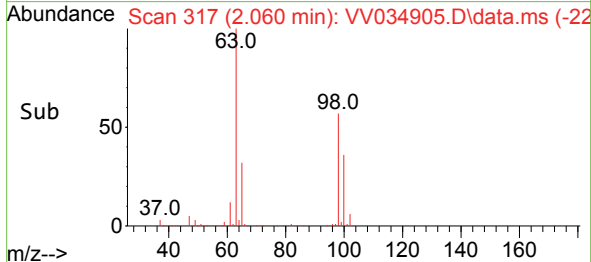
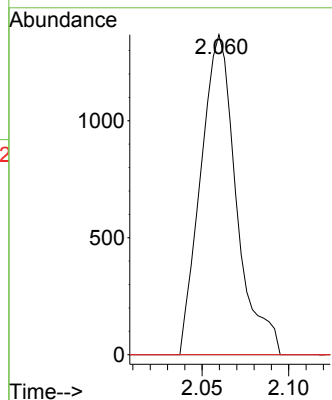
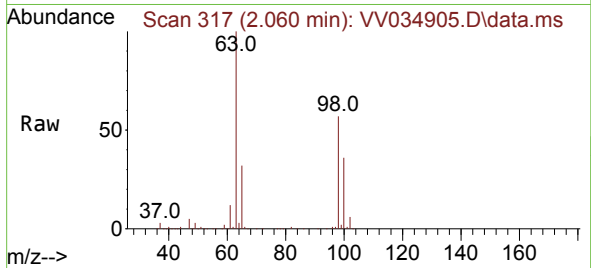




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.153 ug/L
RT: 2.060 min Scan# 317
Delta R.T. -0.010 min
Lab File: VV034905.D
Acq: 29 Mar 2024 15:01

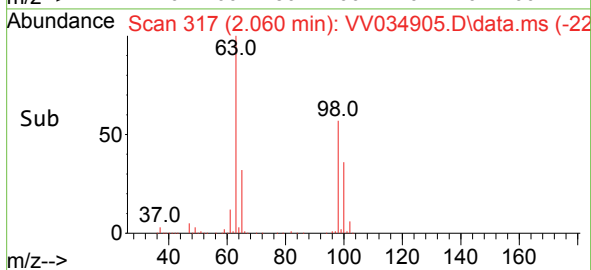
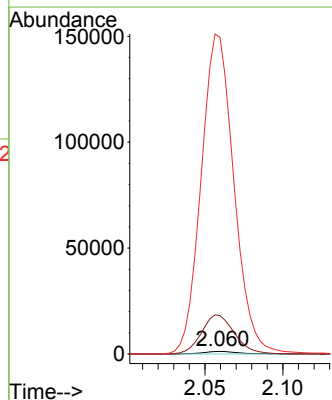
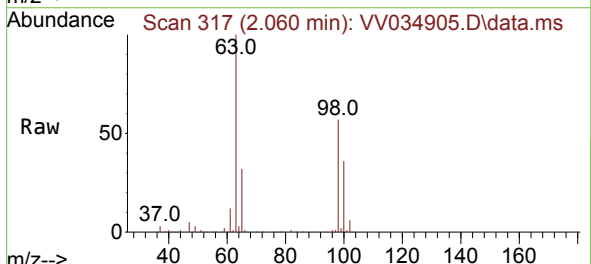
Instrument :
MSVOA_V
ClientSampleId :
C0R42

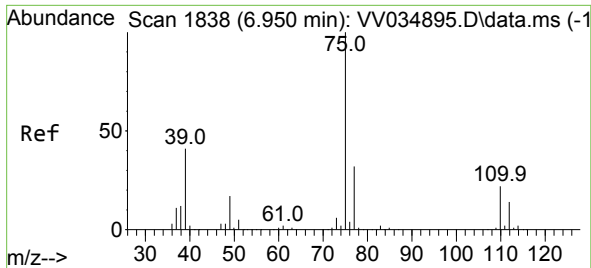
Tgt Ion:101 Resp: 1962
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 55.0 82.4#



#12
1,1-Dichloroethene
Concen: 1.156 ug/L
RT: 2.060 min Scan# 317
Delta R.T. -0.010 min
Lab File: VV034905.D
Acq: 29 Mar 2024 15:01

Tgt Ion: 96 Resp: 1881
Ion Ratio Lower Upper
96 100
61 1473.3 131.5 244.3#
63 12139.7 111.4 206.8#

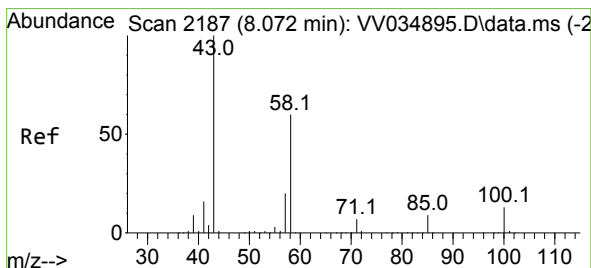
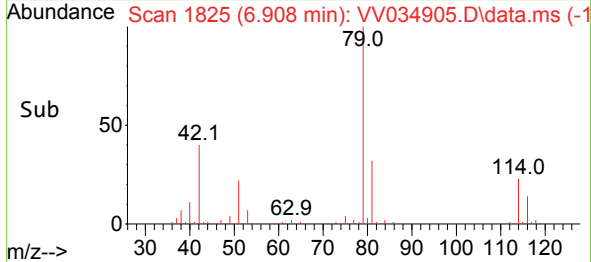
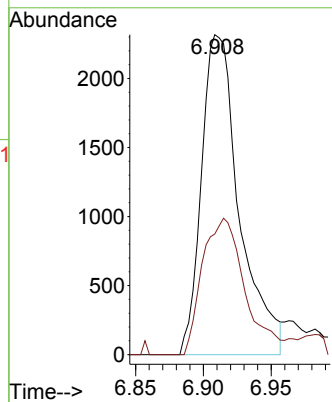
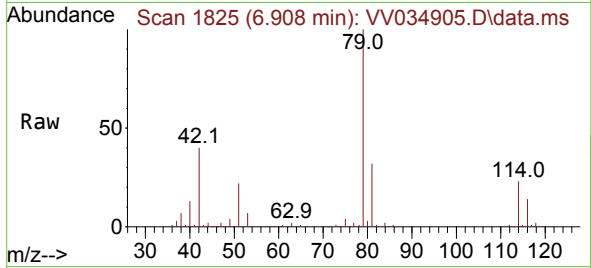




#39
 cis-1,3-Dichloropropene
 Concen: 1.454 ug/L
 RT: 6.908 min Scan# 11
 Delta R.T. -0.042 min
 Lab File: VV034905.D
 Acq: 29 Mar 2024 15:01

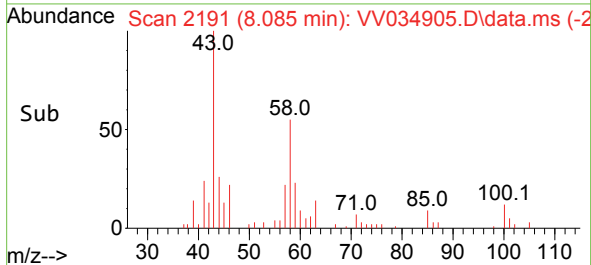
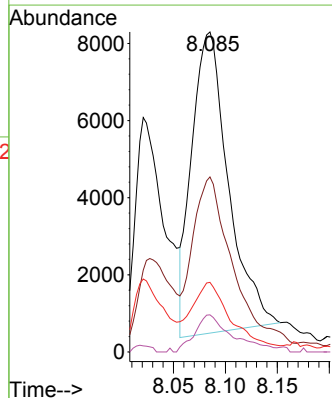
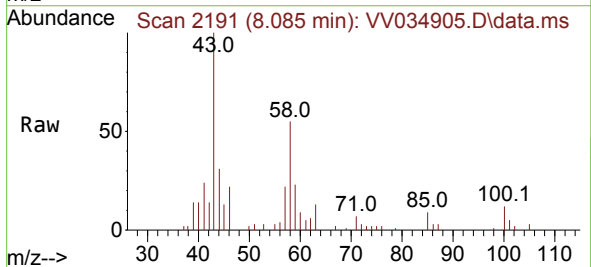
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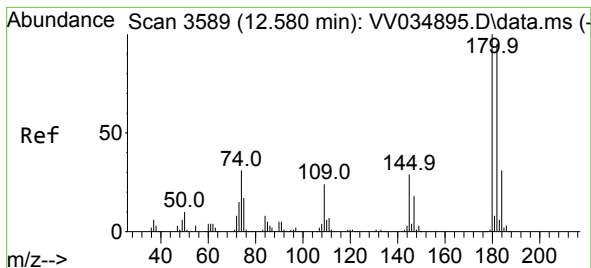
Tgt Ion: 75 Resp: 4499
 Ion Ratio Lower Upper
 75 100
 77 37.7 21.9 40.7



#48
 2-Hexanone
 Concen: 8.995 ug/L
 RT: 8.085 min Scan# 2191
 Delta R.T. 0.013 min
 Lab File: VV034905.D
 Acq: 29 Mar 2024 15:01

Tgt Ion: 43 Resp: 19188
 Ion Ratio Lower Upper
 43 100
 58 61.7 45.4 68.2
 57 24.8 16.2 24.4#
 100 10.0 10.1 15.1#





#69

1,3,5-Trichlorobenzene

Concen: 4.874 ug/L

RT: 13.204 min Scan# 31

Delta R.T. 0.624 min

Lab File: VV034905.D

Acq: 29 Mar 2024 15:01

Instrument :

MSVOA_V

ClientSampleId :

C0R42

Tgt Ion:180 Resp: 12020

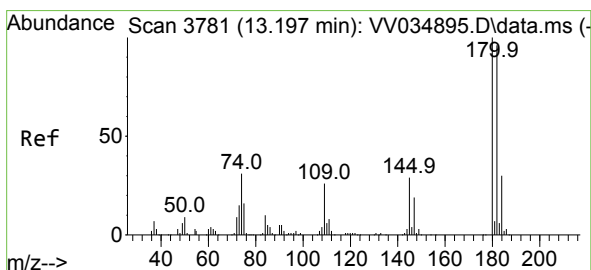
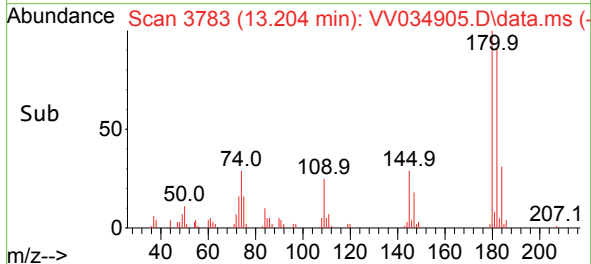
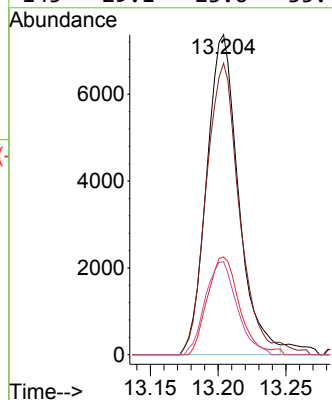
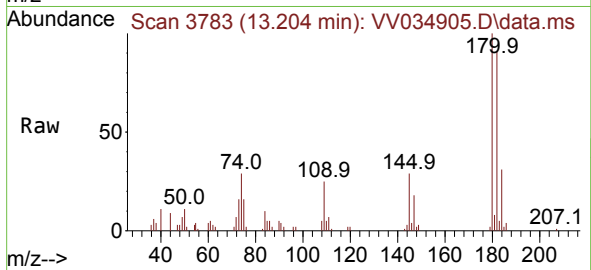
Ion Ratio Lower Upper

180 100

182 93.3 74.7 112.1

184 30.4 24.0 36.0

145 29.1 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 5.306 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.006 min

Lab File: VV034905.D

Acq: 29 Mar 2024 15:01

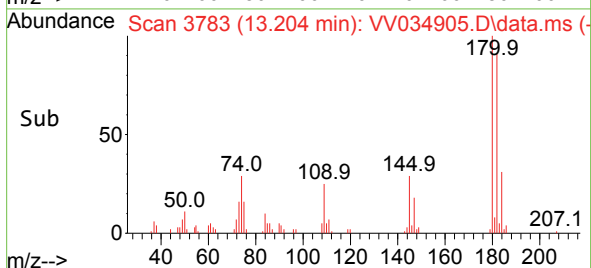
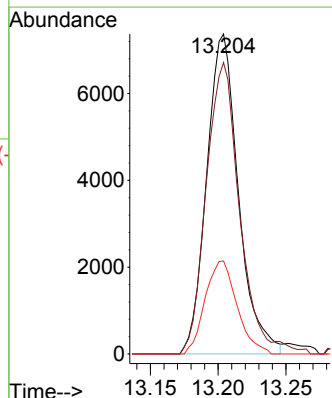
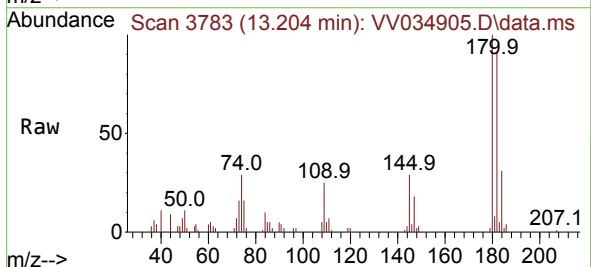
Tgt Ion:180 Resp: 12020

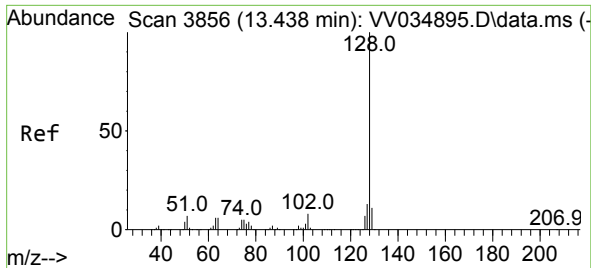
Ion Ratio Lower Upper

180 100

182 93.3 75.6 113.4

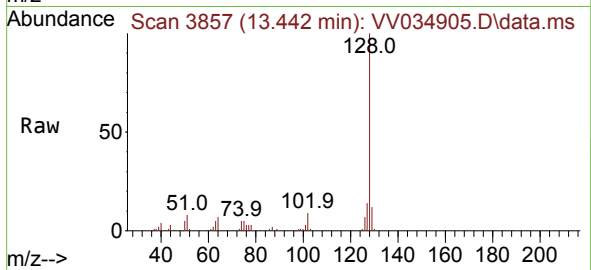
145 29.1 24.1 36.1





#71
Naphthalene
Concen: 6.280 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.007 min
Lab File: VV034905.D
Acq: 29 Mar 2024 15:01

Instrument :
MSVOA_V
ClientSampleId :
C0R42



Tgt Ion:128 Resp: 39473
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.6 8.7 13.1

