

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040324\
 Data File : VV034947.D
 Acq On : 03 Apr 2024 11:05
 Operator : SY/MD
 Sample : VV0403WBL02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 04 02:51:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 04 02:49:59 2024
 Response via : Initial Calibration

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

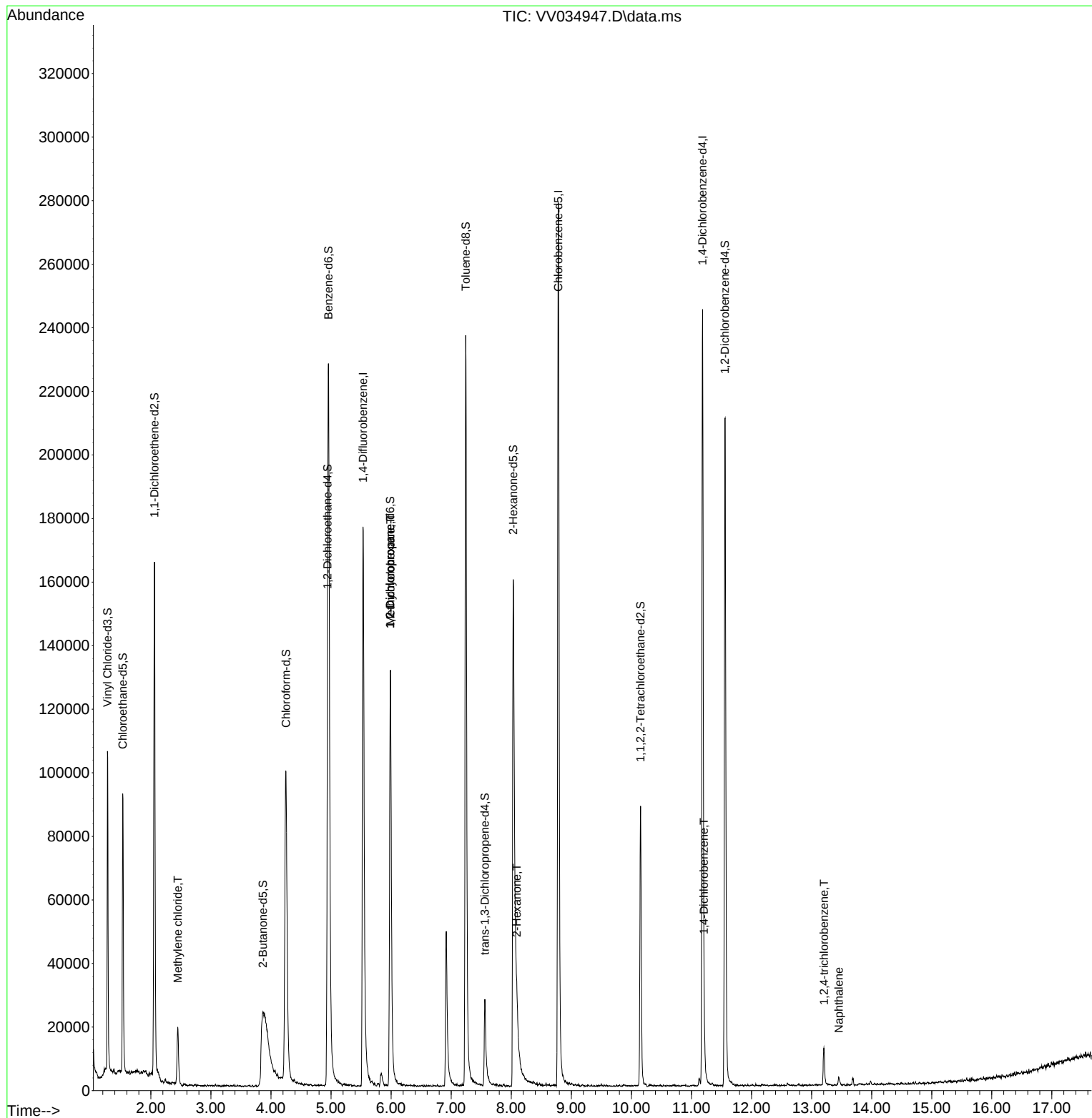
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	158153	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	155526	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	64799	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	63818	4.896	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.000%
7) Chloroethane-d5	1.532	69	56451	5.253	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.000%
11) 1,1-Dichloroethene-d2	2.060	65	27862	4.707	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	3.863	46	23808	11.674	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	23.340%#
24) Chloroform-d	4.249	84	109000	5.168	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	4.941	65	53541	5.622	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.400%
32) Benzene-d6	4.957	84	212276	5.218	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
36) 1,2-Dichloropropane-d6	5.986	67	67949	5.691	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.800%
41) Toluene-d8	7.243	98	167077	4.521	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	7.561	79	18525	4.367	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.034	63	62293	42.789	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.580%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	43008	5.162	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	11.558	152	56370	5.523	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.400%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.449	84	8220	0.624	ug/L	92
35) Methylcyclohexane	5.989	83	15585	0.825	ug/L #	19
37) 1,2-Dichloropropane	5.986	63	7669	0.621	ug/L #	87
48) 2-Hexanone	8.092	43	14882	3.539	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	3049	0.147	ug/L	87
70) 1,2,4-trichlorobenzene	13.207	180	4161	0.345	ug/L	99
71) Naphthalene	13.455	128	2949	0.174	ug/L #	97

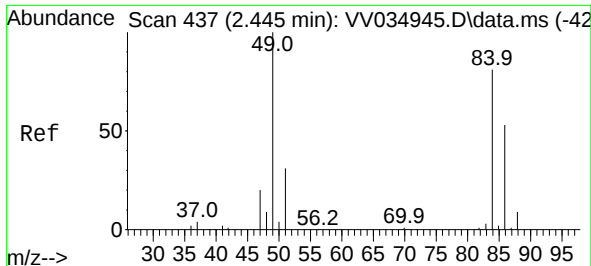
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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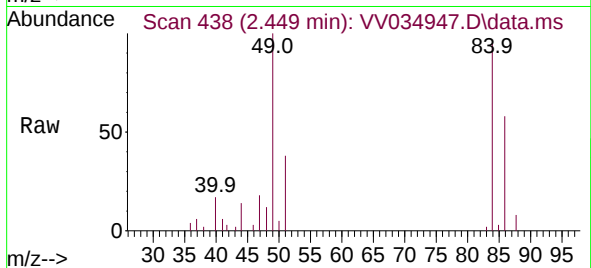
Quant Time: Apr 04 02:51:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
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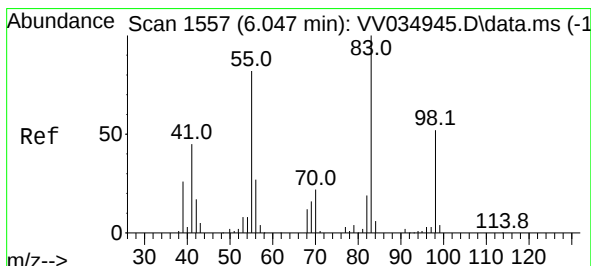
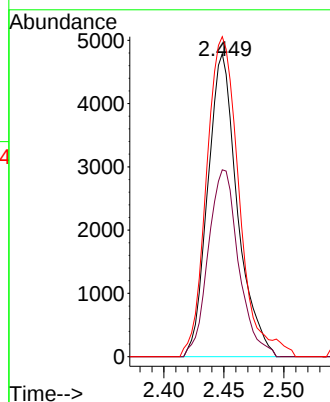
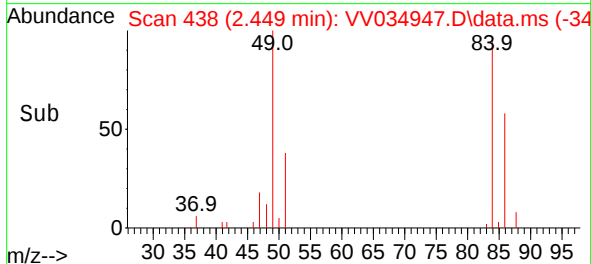


#16
Methylene chloride
Concen: 0.624 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV034947.D
Acq: 03 Apr 2024 11:05

Instrument :
MSVOA_V
ClientSampleId :

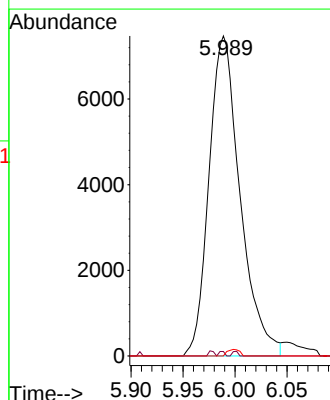
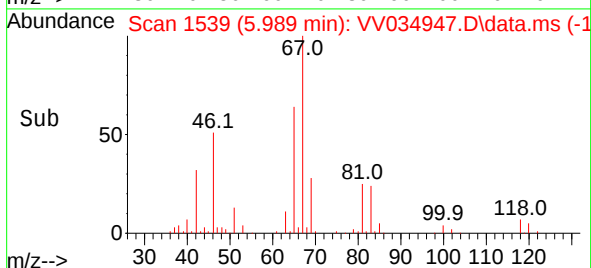
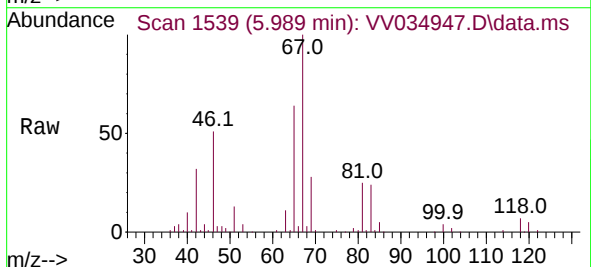


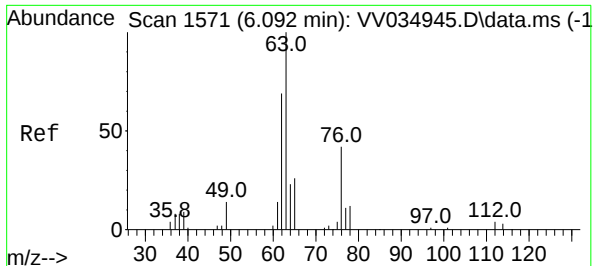
Tgt Ion: 84 Resp: 8220
Ion Ratio Lower Upper
84 100
86 61.7 43.5 80.9
49 105.6 82.5 153.3



#35
Methylcyclohexane
Concen: 0.825 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.058 min
Lab File: VV034947.D
Acq: 03 Apr 2024 11:05

Tgt Ion: 83 Resp: 15585
Ion Ratio Lower Upper
83 100
55 0.3 60.6 91.0#
98 0.0 37.8 56.6#





#37

1,2-Dichloropropane

Concen: 0.621 ug/L

RT: 5.986 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV034947.D

Acq: 03 Apr 2024 11:05

Instrument :

MSVOA_V

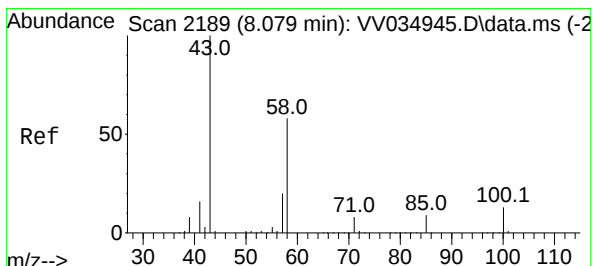
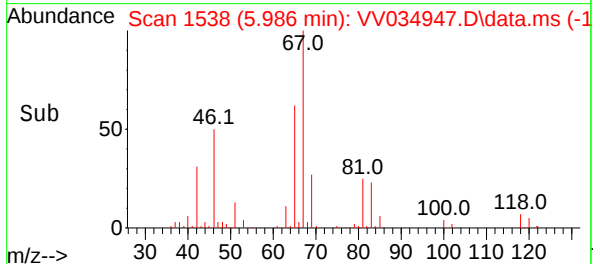
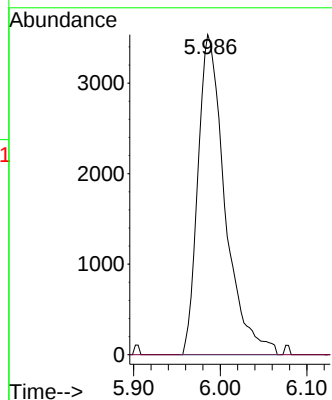
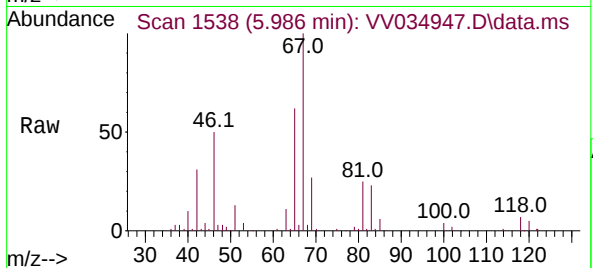
ClientSampleId :

Tgt Ion: 63 Resp: 7669

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



#48

2-Hexanone

Concen: 3.539 ug/L

RT: 8.092 min Scan# 2193

Delta R.T. 0.013 min

Lab File: VV034947.D

Acq: 03 Apr 2024 11:05

Tgt Ion: 43 Resp: 14882

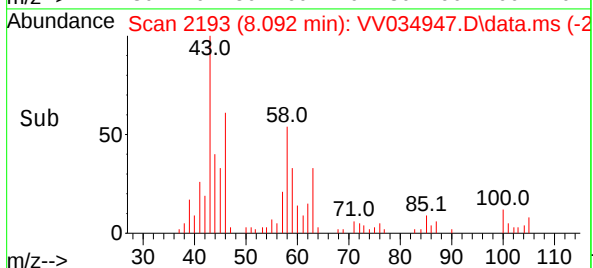
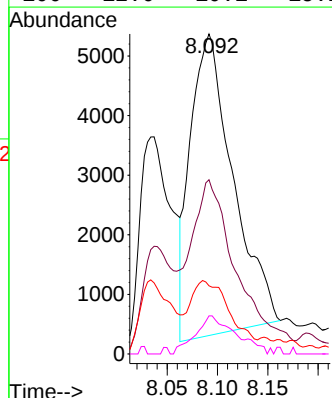
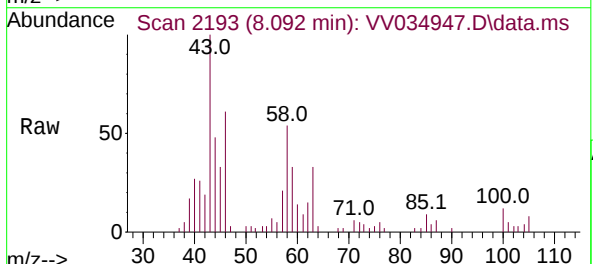
Ion Ratio Lower Upper

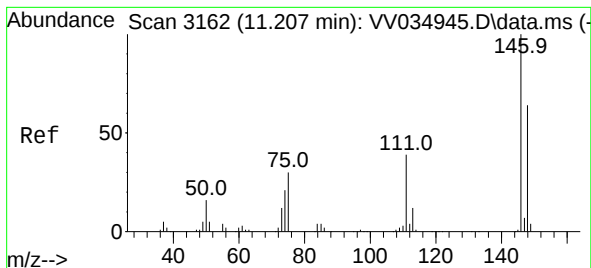
43 100

58 60.6 48.2 72.4

57 18.3 15.6 23.4

100 12.0 10.1 15.1





#65

1,4-Dichlorobenzene

Concen: 0.147 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.003 min

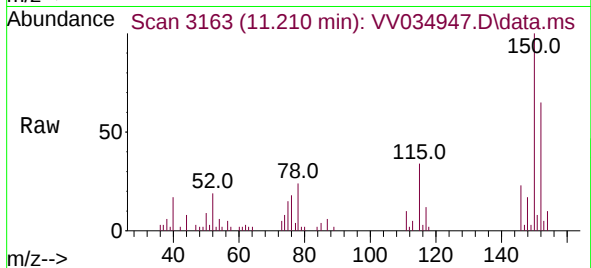
Lab File: VV034947.D

Acq: 03 Apr 2024 11:05

Instrument :

MSVOA_V

ClientSampleId :



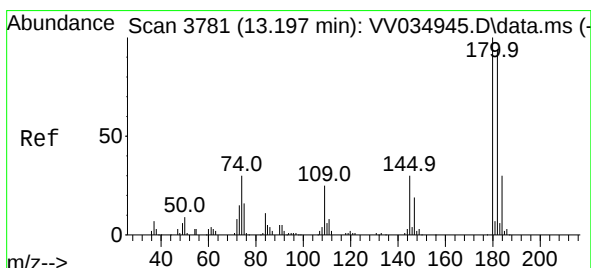
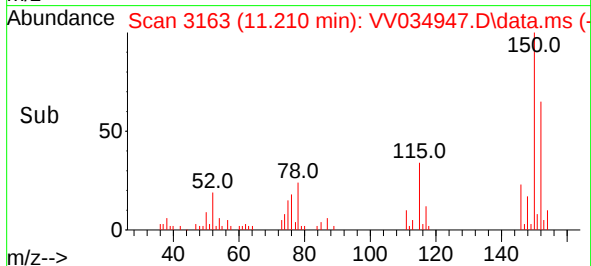
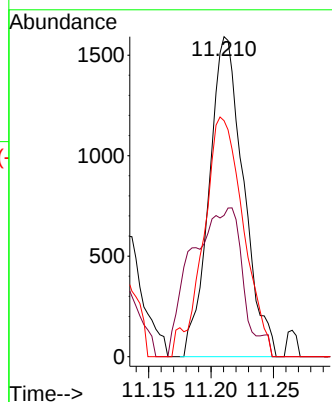
Tgt Ion:146 Resp: 3049

Ion Ratio Lower Upper

146 100

111 44.2 27.3 50.7

148 73.7 43.5 80.7



#70

1,2,4-trichlorobenzene

Concen: 0.345 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. 0.010 min

Lab File: VV034947.D

Acq: 03 Apr 2024 11:05

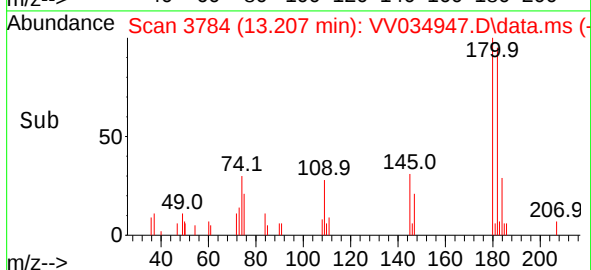
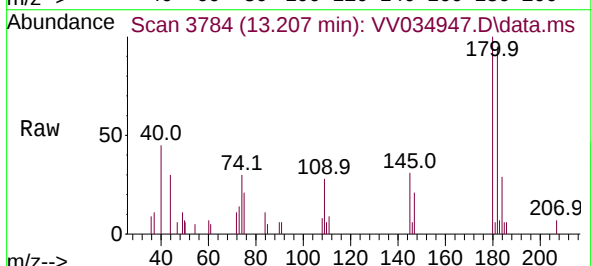
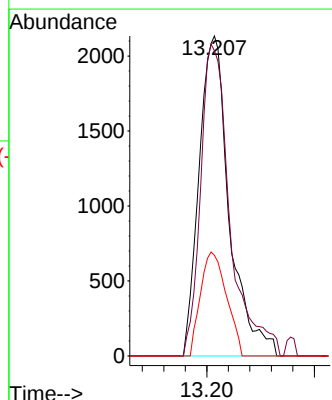
Tgt Ion:180 Resp: 4161

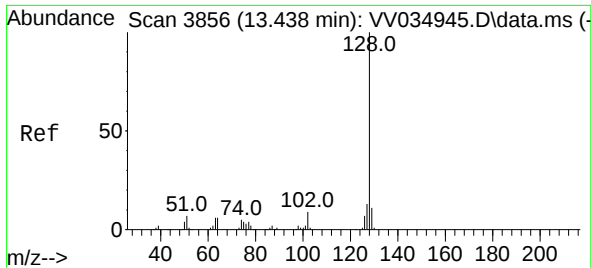
Ion Ratio Lower Upper

180 100

182 95.1 75.3 112.9

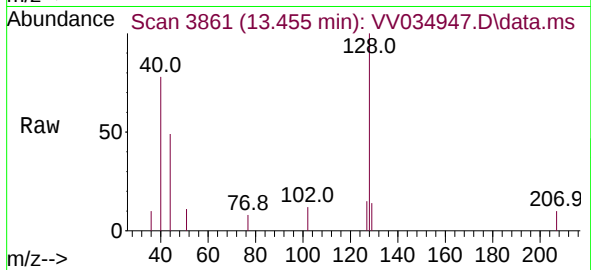
145 27.9 23.4 35.0





#71
Naphthalene
Concen: 0.174 ug/L
RT: 13.455 min Scan# 3861
Delta R.T. 0.016 min
Lab File: VV034947.D
Acq: 03 Apr 2024 11:05

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 2949
Ion Ratio Lower Upper
128 100
129 8.5 8.6 12.8#
127 12.8 10.7 16.1

