

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110421\
 Data File : VV023203.D
 Acq On : 04 Nov 2021 15:08
 Operator : SY/MD
 Sample : VV1104WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 08 01:57:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 08 01:45:40 2021
 Response via : Initial Calibration

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

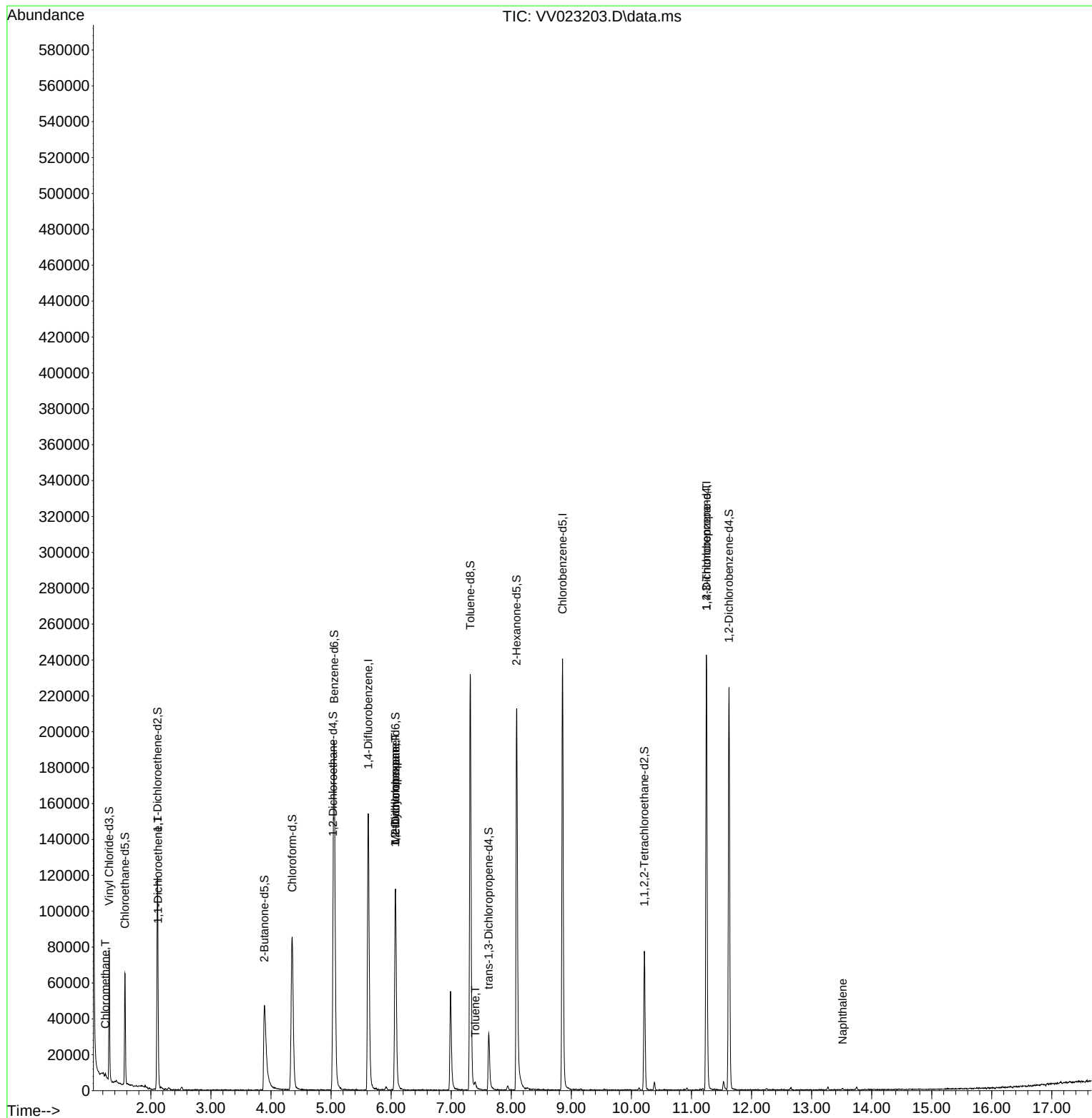
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	139505	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	137184	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	65128	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	44024	5.037	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.800%		
7) Chloroethane-d5	1.568	69	37585	5.277	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 105.600%		
11) 1,1-Dichloroethene-d2	2.111	63	61682	3.770	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 75.400%		
20) 2-Butanone-d5	3.889	46	91306	69.150	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	= 138.300%#		
24) Chloroform-d	4.352	84	91512	4.913	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 98.200%		
26) 1,2-Dichloroethane-d4	5.034	65	43054	5.141	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 102.800%		
32) Benzene-d6	5.053	84	176639	5.018	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 100.400%		
36) 1,2-Dichloropropane-d6	6.072	67	53553	5.168	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 103.400%		
41) Toluene-d8	7.317	98	154340	4.679	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 93.600%		
43) trans-1,3-Dichloroprop...	7.625	79	19095	4.860	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 97.200%		
46) 2-Hexanone-d5	8.088	63	72706	50.296	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 100.600%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35936	4.823	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 96.400%		
66) 1,2-Dichlorobenzene-d4	11.625	152	59811	5.515	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 110.400%		
Target Compounds						
3) Chloromethane	1.243	50	1154	0.100	ug/L	86
12) 1,1-Dichloroethene	2.121	96	569	0.068	ug/L #	1
35) Methylcyclohexane	6.072	83	12849	0.798	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	6109	0.682	ug/L #	83
42) Toluene	7.404	91	3055	0.074	ug/L	86
61) 1,2,3-Trichloropropane	11.249	75	7175	1.658	ug/L #	64
71) Naphthalene	13.519	128	911	0.052	ug/L #	70

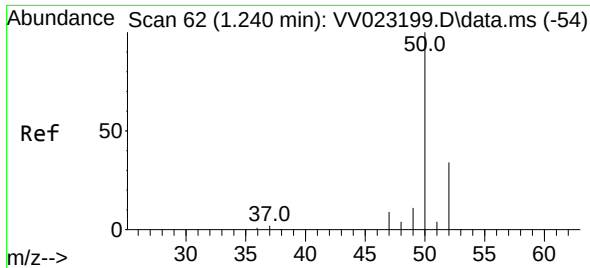
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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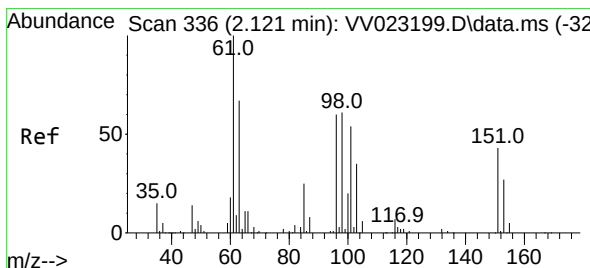
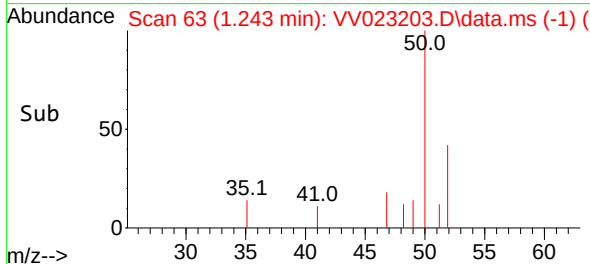
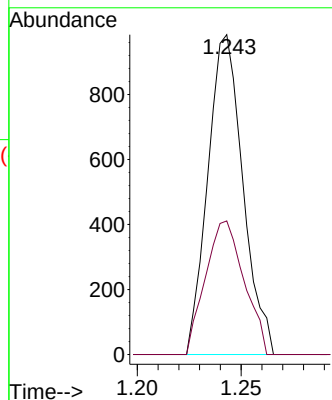
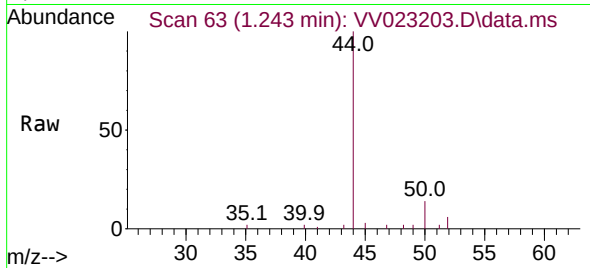




#3
Chloromethane
Concen: 0.100 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV023203.D
Acq: 04 Nov 2021 15:08

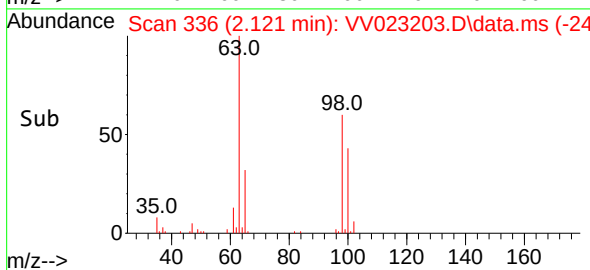
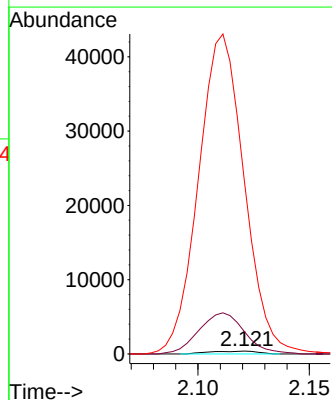
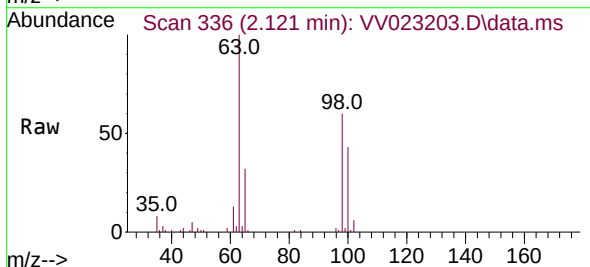
Instrument :
MSVOA_V
ClientSampleId :

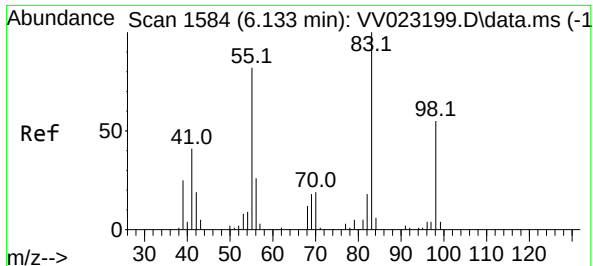
Tgt Ion: 50 Resp: 1154
Ion Ratio Lower Upper
50 100
52 41.8 23.7 43.9



#12
1,1-Dichloroethene
Concen: 0.068 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.000 min
Lab File: VV023203.D
Acq: 04 Nov 2021 15:08

Tgt Ion: 96 Resp: 569
Ion Ratio Lower Upper
96 100
61 759.2 117.7 218.7#
63 5870.0 80.5 149.5#

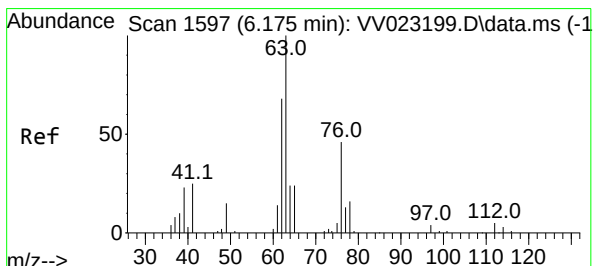
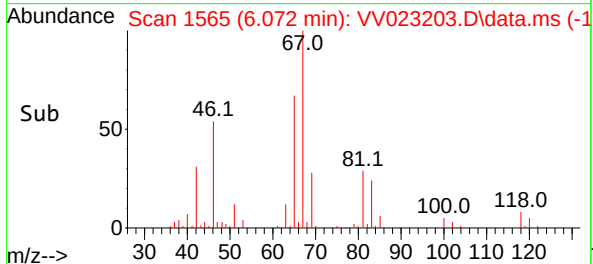
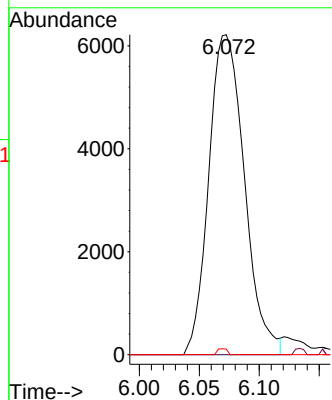
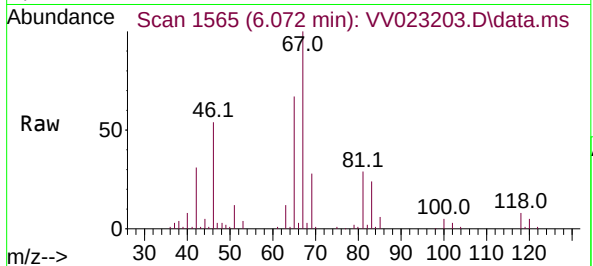




#35
Methylcyclohexane
Concen: 0.798 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV023203.D
Acq: 04 Nov 2021 15:08

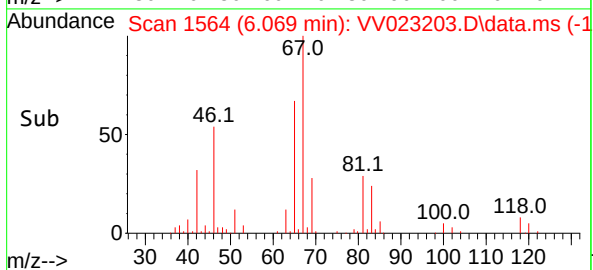
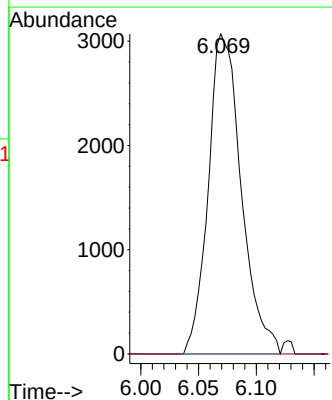
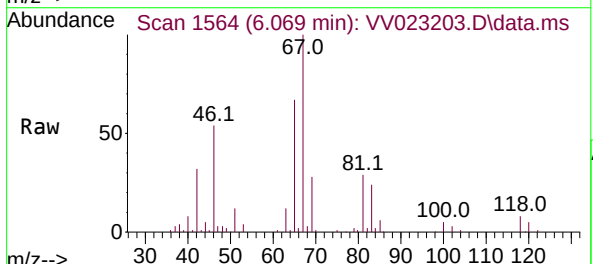
Instrument :
MSVOA_V
ClientSampleId :

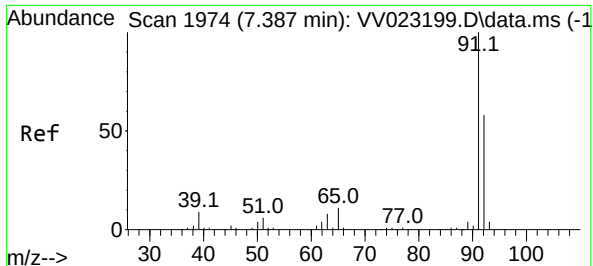
Tgt Ion: 83 Resp: 12849
Ion Ratio Lower Upper
83 100
55 0.5 59.6 89.4#
98 0.5 40.6 61.0#



#37
1,2-Dichloropropane
Concen: 0.682 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.106 min
Lab File: VV023203.D
Acq: 04 Nov 2021 15:08

Tgt Ion: 63 Resp: 6109
Ion Ratio Lower Upper
63 100
112 0.0 4.5 6.7#





#42

Toluene

Concen: 0.074 ug/L

RT: 7.404 min Scan# 1974

Delta R.T. 0.016 min

Lab File: VV023203.D

Acq: 04 Nov 2021 15:08

Instrument :

MSVOA_V

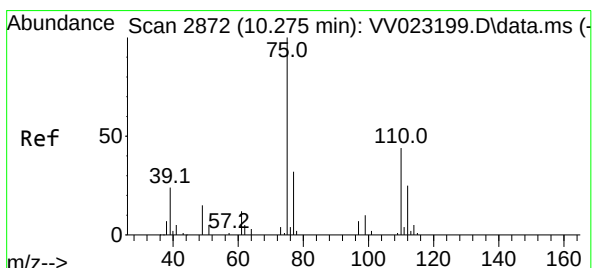
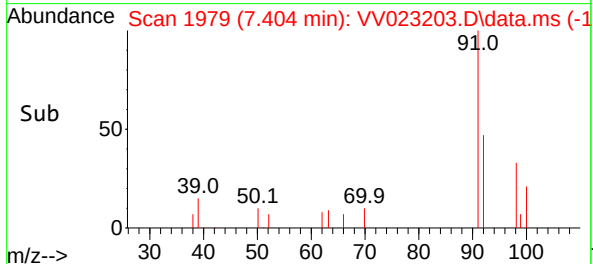
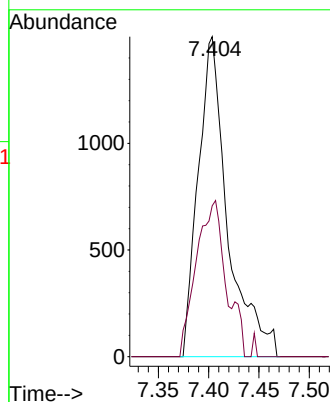
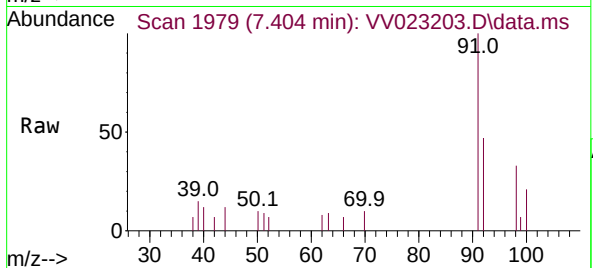
ClientSampleId :

Tgt Ion: 91 Resp: 3055

Ion Ratio Lower Upper

91 100

92 47.1 40.4 75.0



#61

1,2,3-Trichloropropane

Concen: 1.658 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV023203.D

Acq: 04 Nov 2021 15:08

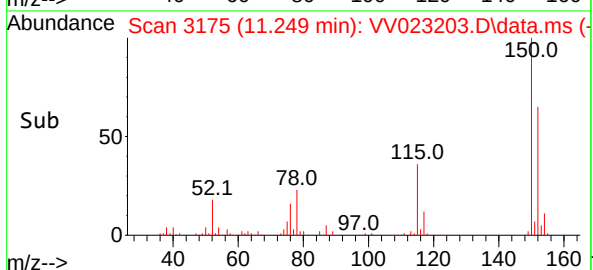
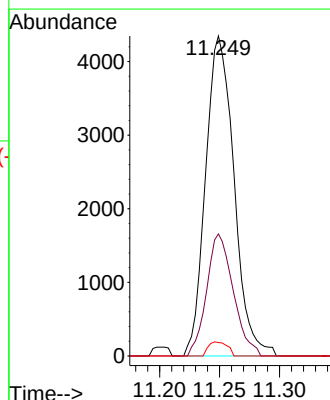
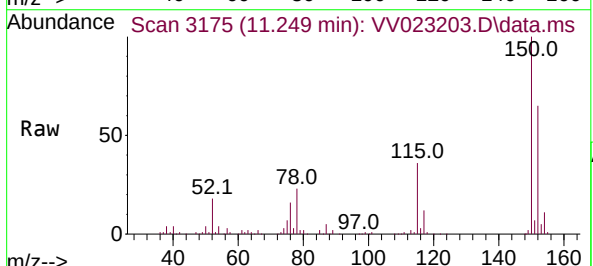
Tgt Ion: 75 Resp: 7175

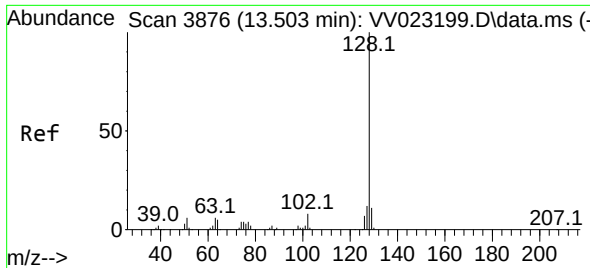
Ion Ratio Lower Upper

75 100

77 35.6 26.6 39.8

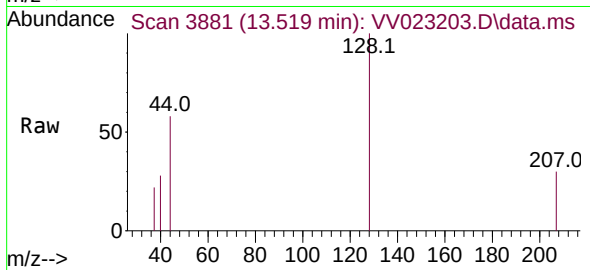
110 2.9 33.0 49.4#





#71
Naphthalene
Concen: 0.052 ug/L
RT: 13.519 min Scan# 3881
Delta R.T. 0.016 min
Lab File: VV023203.D
Acq: 04 Nov 2021 15:08

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	911
Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.6	12.8#
127	0.0	10.2	15.2#

