

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
 Data File : VV028463.D
 Acq On : 09 Oct 2022 01:51
 Operator : SY/MD
 Sample : N4923-11
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E10025

Quant Time: Oct 09 05:55:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 08 02:10:35 2022
 Response via : Initial Calibration

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

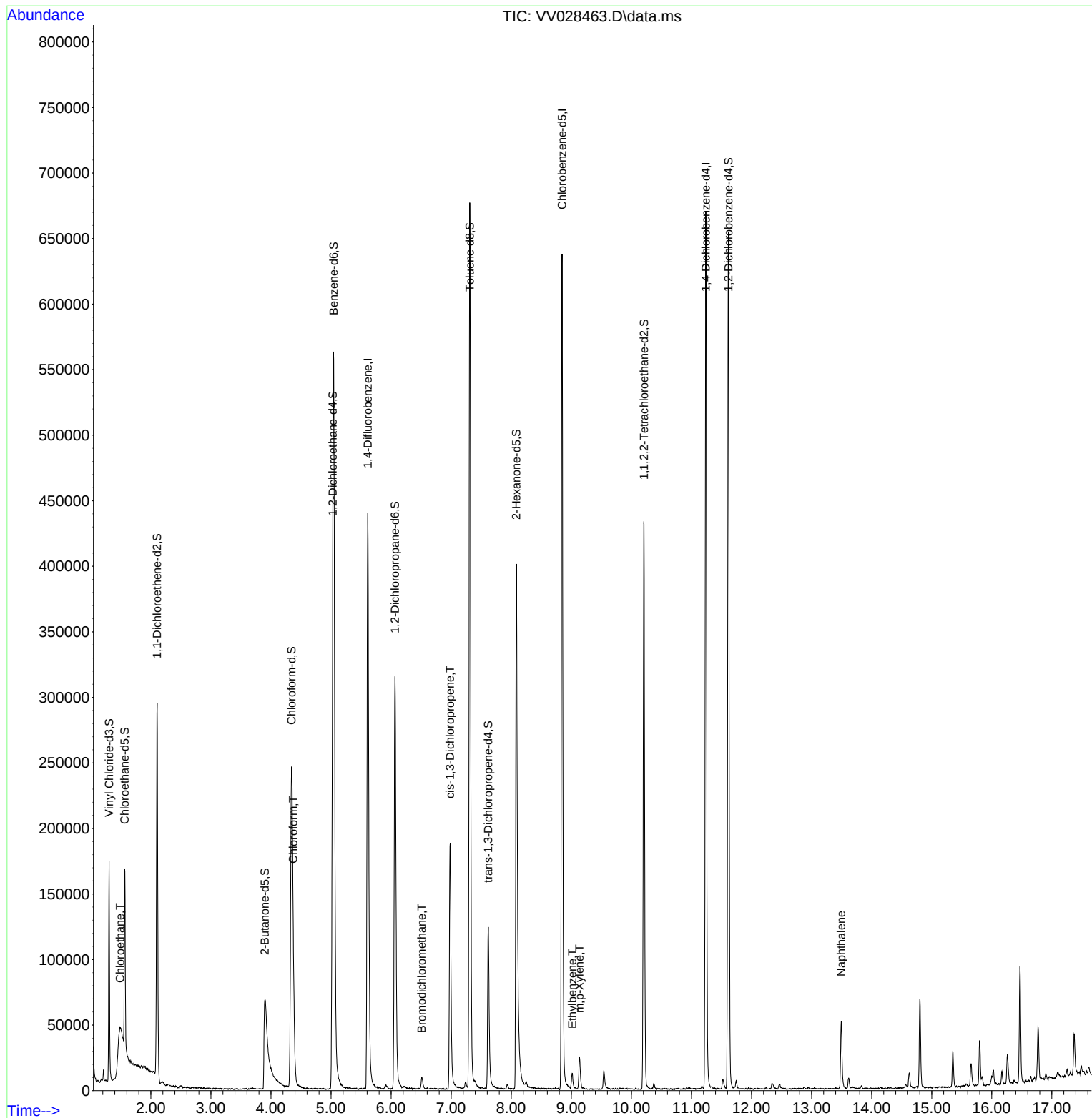
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	380495	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	342099	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	171220	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	105792	36.034	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.060%
7) Chloroethane-d5	1.564	69	87603	37.631	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.260%
11) 1,1-Dichloroethene-d2	2.105	63	148636	29.747	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.500%#
21) 2-Butanone-d5	3.899	46	54496	21.204	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	21.200%#
24) Chloroform-d	4.342	84	240017	44.575	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.140%
26) 1,2-Dichloroethane-d4	5.027	65	153387	44.170	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.340%
32) Benzene-d6	5.043	84	489222	44.629	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.260%
36) 1,2-Dichloropropane-d6	6.063	67	157144	43.968	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.940%
41) Toluene-d8	7.310	98	447019	45.547	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.100%
43) trans-1,3-Dichloroprop...	7.616	79	76178	41.816	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.640%
47) 2-Hexanone-d5	8.085	63	162123	83.387	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.390%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	208648	42.661	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.320%
66) 1,2-Dichlorobenzene-d4	11.616	152	166260	46.863	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.720%
Target Compounds						
					Qvalue	
8) Chloroethane	1.487	64	174697	88.915	ug/L #	51
25) Chloroform	4.368	83	71133	13.740	ug/L	95
38) Bromodichloromethane	6.510	83	6165	1.569	ug/L	96
39) cis-1,3-Dichloropropene	6.982	75	4808	1.002	ug/L #	75
52) Ethylbenzene	9.014	91	8917	0.705	ug/L	93
53) m,p-Xylene	9.137	106	6939	1.448	ug/L	95
71) Naphthalene	13.493	128	42024	3.740	ug/L	98

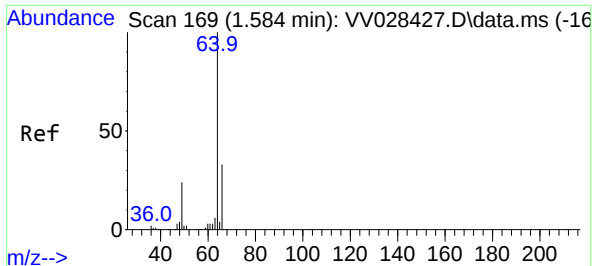
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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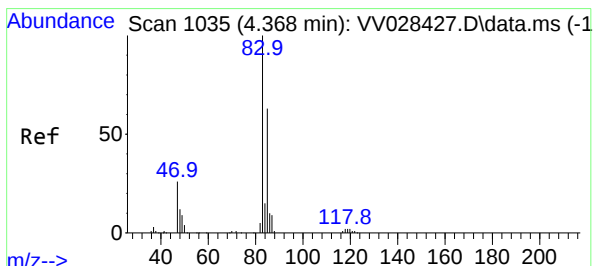
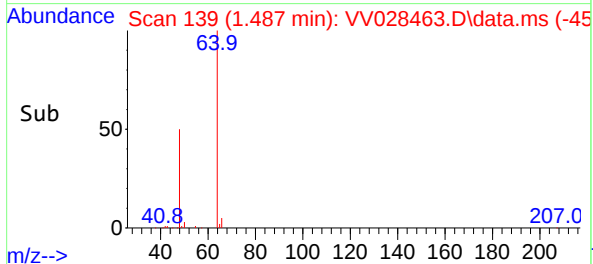
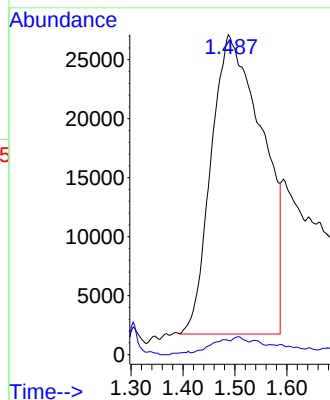
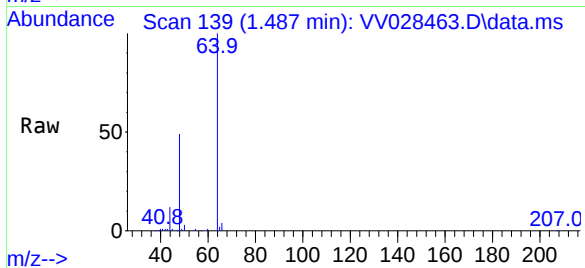




#8
Chloroethane
Concen: 88.915 ug/L
RT: 1.487 min Scan# 11
Delta R.T. -0.097 min
Lab File: VV028463.D
Acq: 09 Oct 2022 01:51

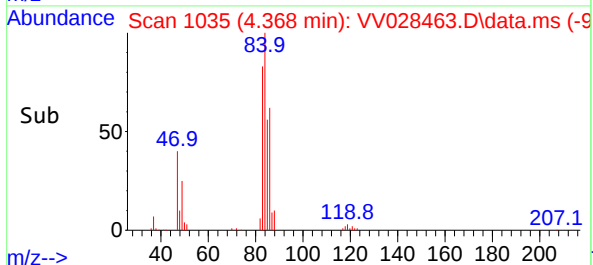
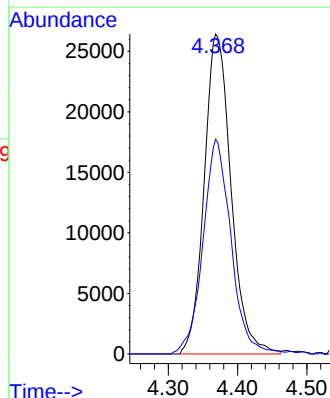
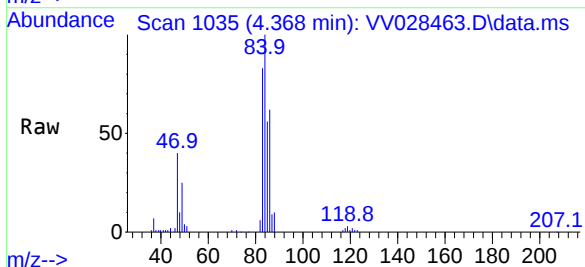
Instrument :
MSVOA_V
ClientSampleId :
E10025

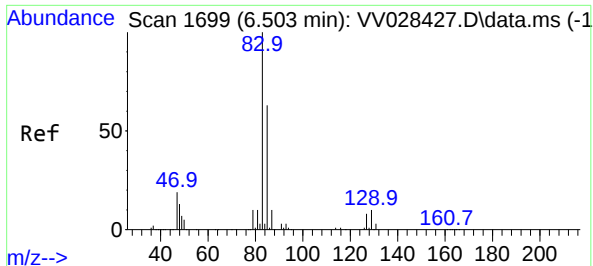
Tgt Ion: 64 Resp: 174697
Ion Ratio Lower Upper
64 100
66 4.5 22.2 41.2#



#25
Chloroform
Concen: 13.740 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VV028463.D
Acq: 09 Oct 2022 01:51

Tgt Ion: 83 Resp: 71133
Ion Ratio Lower Upper
83 100
85 67.2 44.5 82.7





#38

Bromodichloromethane

Concen: 1.569 ug/L

RT: 6.510 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV028463.D

Acq: 09 Oct 2022 01:51

Instrument :

MSVOA_V

ClientSampleId :

E10025

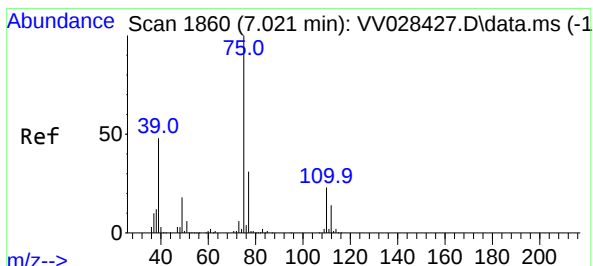
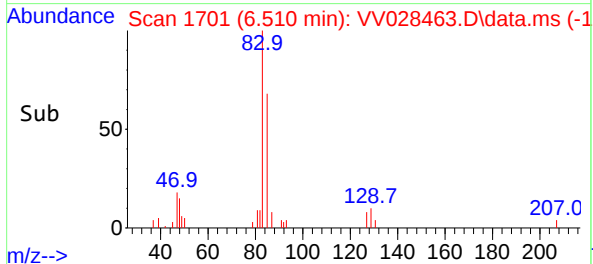
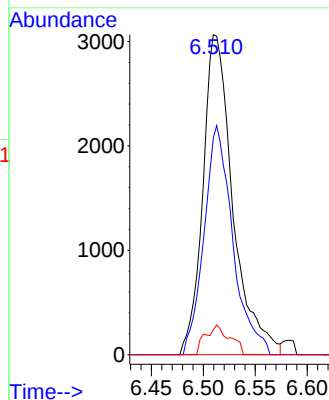
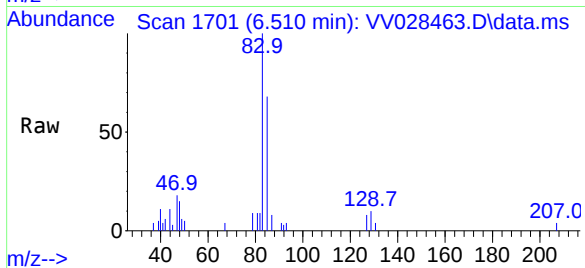
Tgt Ion: 83 Resp: 6165

Ion Ratio Lower Upper

83 100

85 67.7 45.1 83.7

127 7.8 7.0 10.4



#39

cis-1,3-Dichloropropene

Concen: 1.002 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.039 min

Lab File: VV028463.D

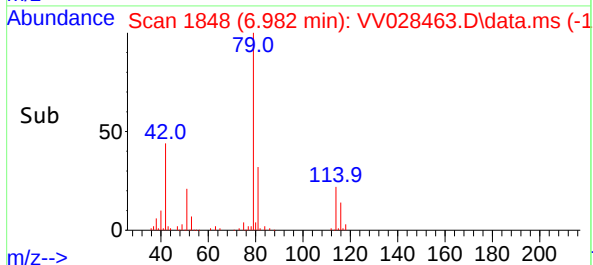
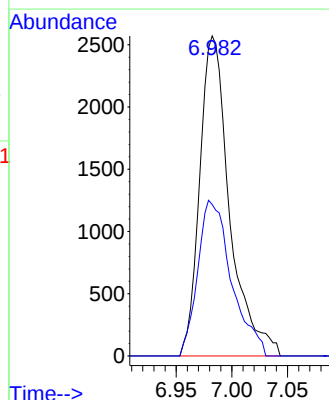
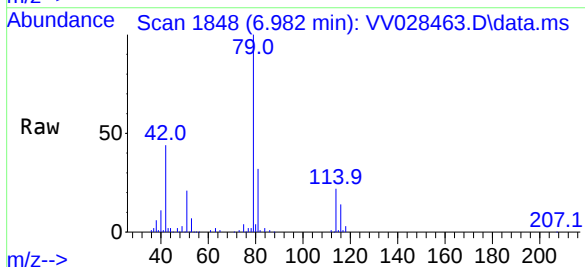
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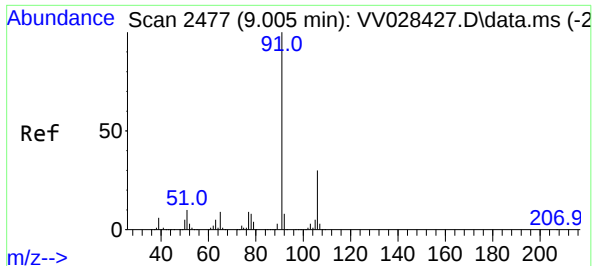
Tgt Ion: 75 Resp: 4808

Ion Ratio Lower Upper

75 100

77 47.4 23.2 43.0#





#52

Ethylbenzene

Concen: 0.705 ug/L

RT: 9.014 min Scan# 2477

Delta R.T. 0.010 min

Lab File: VV028463.D

Acq: 09 Oct 2022 01:51

Instrument :

MSVOA_V

ClientSampleId :

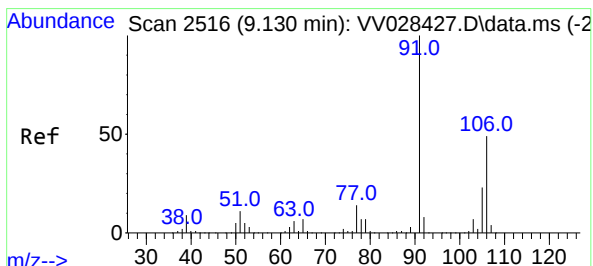
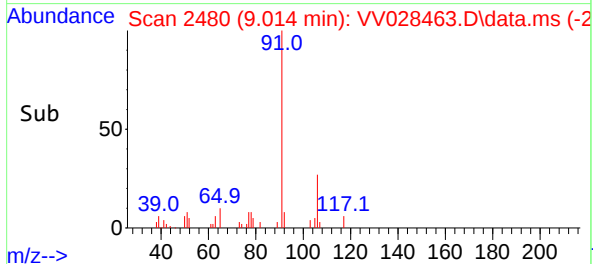
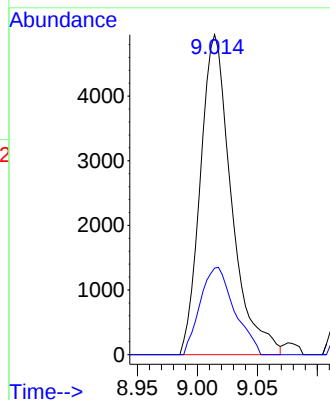
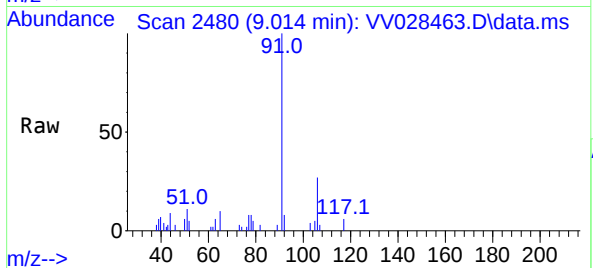
E10025

Tgt Ion: 91 Resp: 8917

Ion Ratio Lower Upper

91 100

106 27.0 21.4 39.8



#53

m,p-Xylene

Concen: 1.448 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.006 min

Lab File: VV028463.D

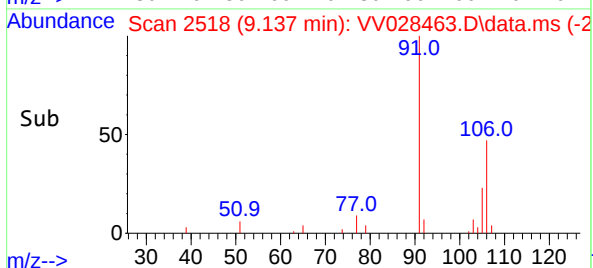
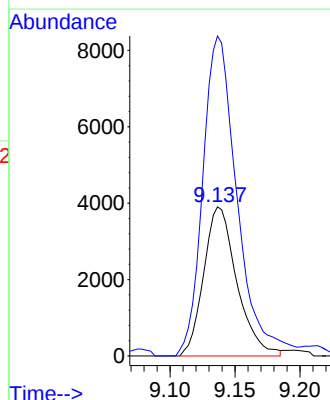
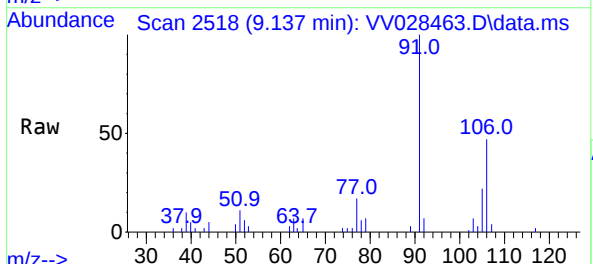
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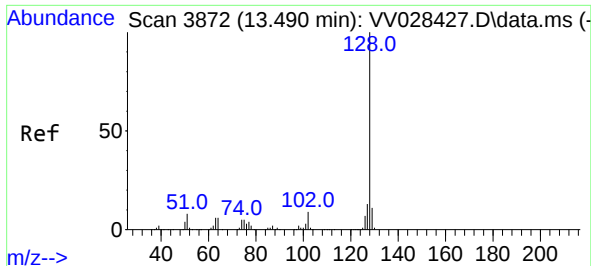
Tgt Ion: 106 Resp: 6939

Ion Ratio Lower Upper

106 100

91 214.6 145.2 269.6





#71
Naphthalene
Concen: 3.740 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. 0.003 min
Lab File: VV028463.D
Acq: 09 Oct 2022 01:51

Instrument :
MSVOA_V
ClientSampleId :
E10025

Tgt Ion:128 Resp: 42024
Ion Ratio Lower Upper
128 100
127 14.1 10.6 15.8
129 10.5 8.9 13.3

