

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100722\
 Data File : VV028404.D
 Acq On : 07 Oct 2022 13:59
 Operator : SY/MD
 Sample : N4890-01DL 5X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY0D8DL

Quant Time: Oct 08 00:58:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 23:51:49 2022
 Response via : Initial Calibration

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

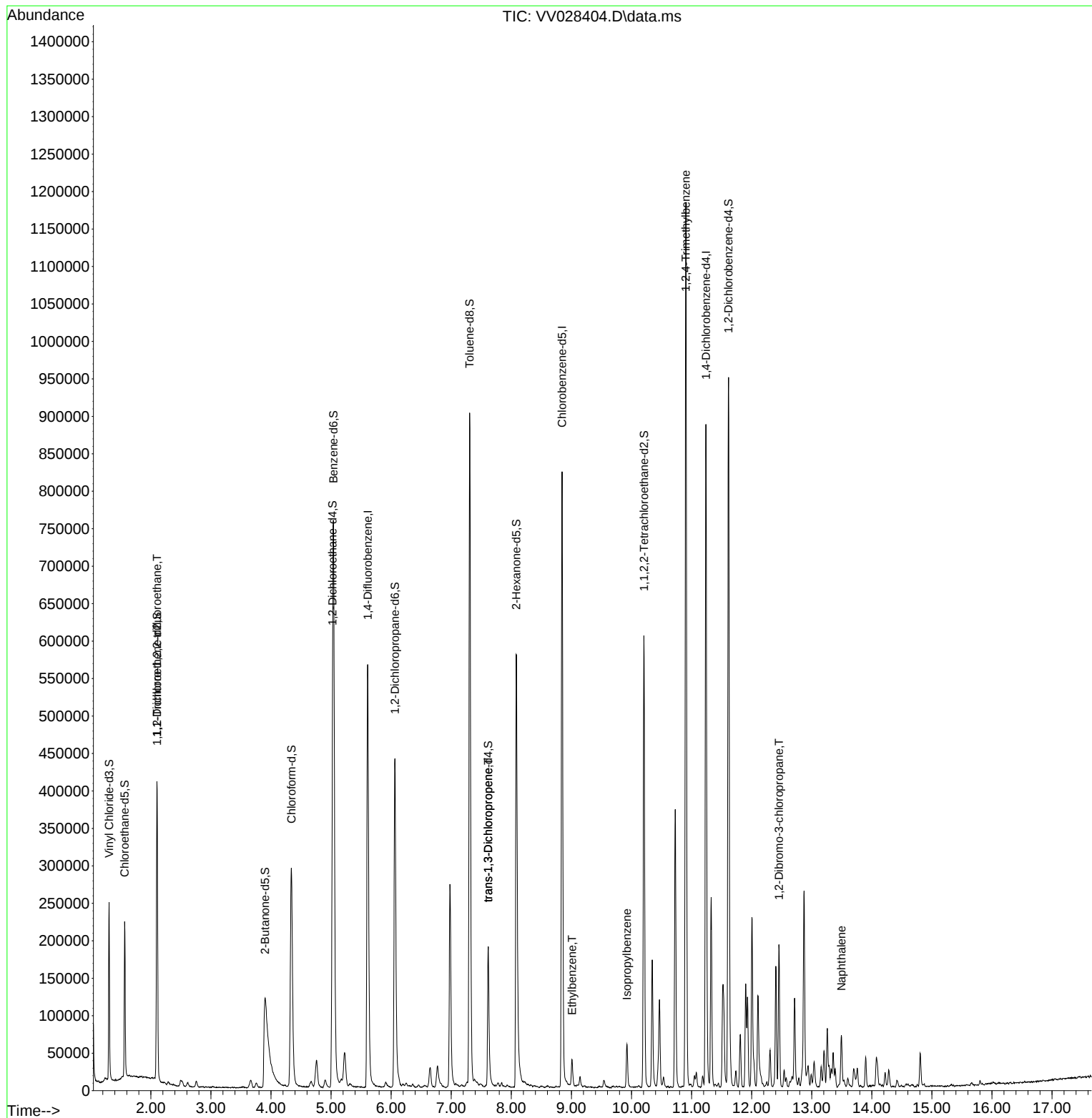
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	478889	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	433699	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	219560	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	155982	42.213	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.420%
7) Chloroethane-d5	1.564	69	129978	44.362	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.720%
11) 1,1-Dichloroethene-d2	2.101	63	209559	33.322	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.640%
21) 2-Butanone-d5	3.899	46	296225	91.577	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.580%
24) Chloroform-d	4.339	84	309639	45.690	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.380%
26) 1,2-Dichloroethane-d4	5.024	65	208190	47.634	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.260%
32) Benzene-d6	5.040	84	659927	47.486	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.980%
36) 1,2-Dichloropropane-d6	6.063	67	222093	49.016	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.040%
41) Toluene-d8	7.307	98	589488	47.378	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.760%
43) trans-1,3-Dichloroprop...	7.616	79	111402	48.236	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.480%
47) 2-Hexanone-d5	8.082	63	234154	94.999	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.000%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	295157	47.603	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	11.615	152	223400	49.105	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.220%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	2008	0.704	ug/L #	24
44) trans-1,3-Dichloropropene	7.616	75	5418	0.928	ug/L	89
52) Ethylbenzene	9.011	91	26317	1.642	ug/L	98
60) Isopropylbenzene	9.924	105	38887	2.458	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	619292	45.532	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.455	75	1089	0.761	ug/L #	2
71) Naphthalene	13.493	128	53866	3.738	ug/L	98

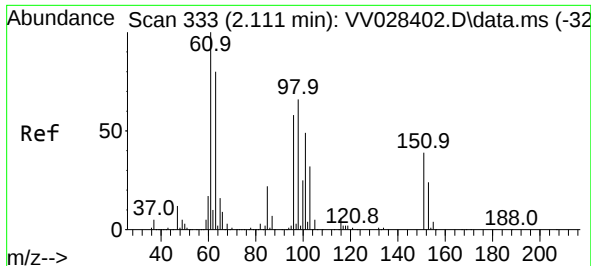
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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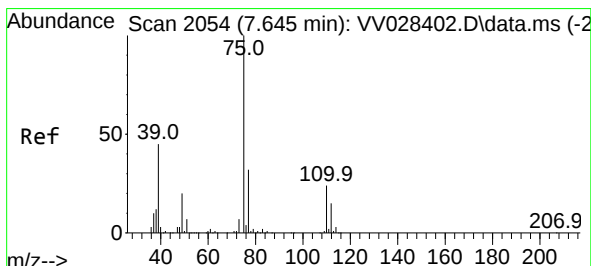
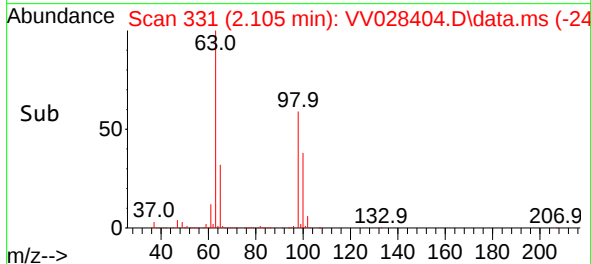
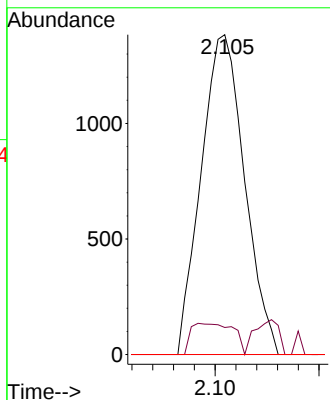
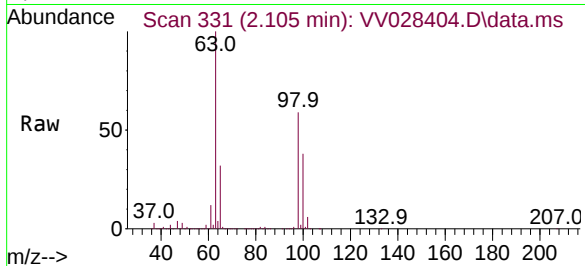




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.704 ug/L
RT: 2.105 min Scan# 31
Delta R.T. -0.007 min
Lab File: VV028404.D
Acq: 07 Oct 2022 13:59

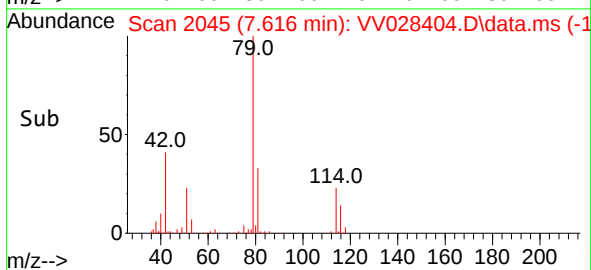
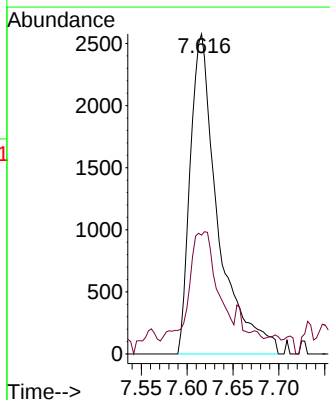
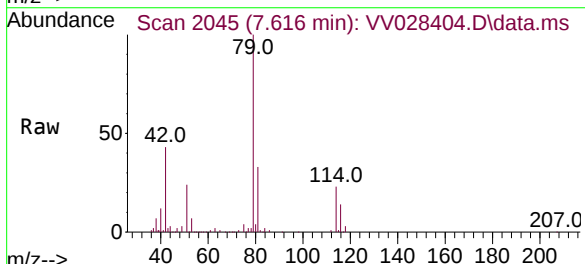
Instrument :
MSVOA_V
ClientSampleId :
EY0D8DL

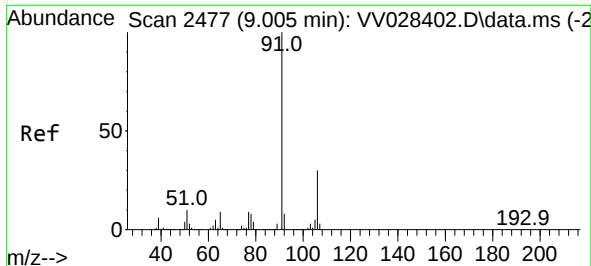
Tgt Ion:101 Resp: 2008
Ion Ratio Lower Upper
101 100
85 7.4 34.9 52.3#
151 0.0 59.2 88.8#



#44
trans-1,3-Dichloropropene
Concen: 0.928 ug/L
RT: 7.616 min Scan# 2045
Delta R.T. -0.029 min
Lab File: VV028404.D
Acq: 07 Oct 2022 13:59

Tgt Ion: 75 Resp: 5418
Ion Ratio Lower Upper
75 100
77 37.1 21.8 40.4





#52

Ethylbenzene

Concen: 1.642 ug/L

RT: 9.011 min Scan# 2477

Delta R.T. 0.006 min

Lab File: VV028404.D

Acq: 07 Oct 2022 13:59

Instrument :

MSVOA_V

ClientSampleId :

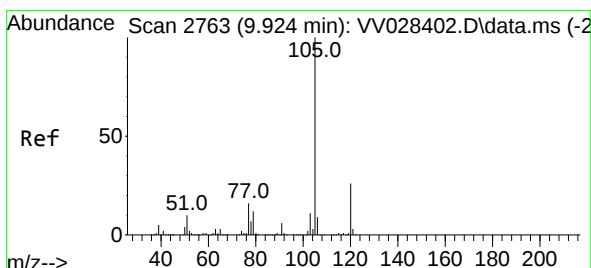
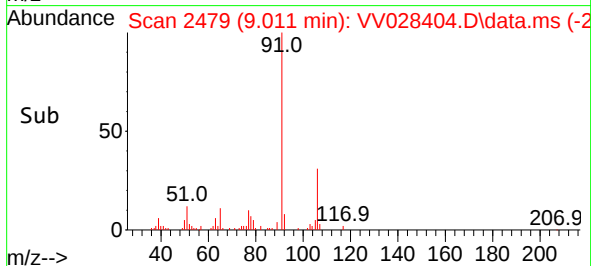
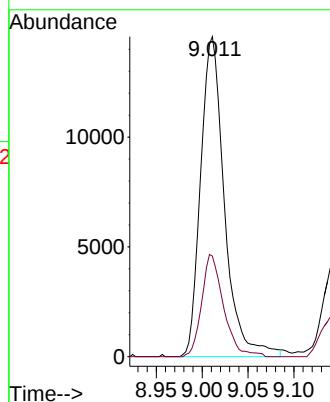
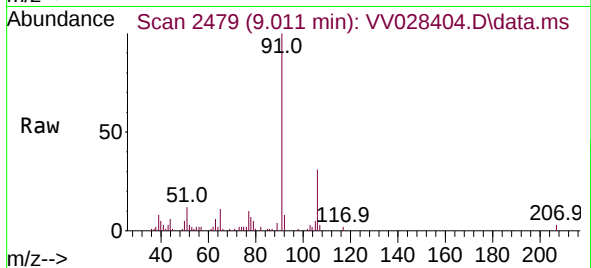
EY0D8DL

Tgt Ion: 91 Resp: 26317

Ion Ratio Lower Upper

91 100

106 31.5 21.4 39.8



#60

Isopropylbenzene

Concen: 2.458 ug/L

RT: 9.924 min Scan# 2763

Delta R.T. -0.000 min

Lab File: VV028404.D

Acq: 07 Oct 2022 13:59

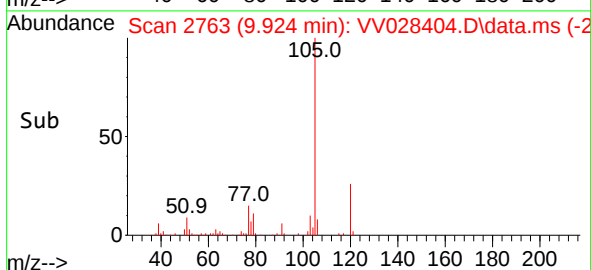
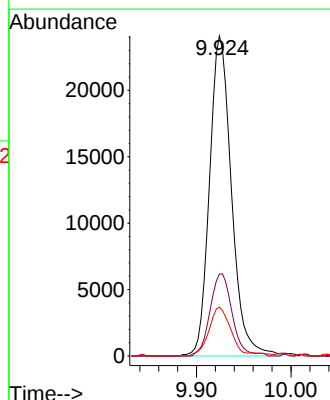
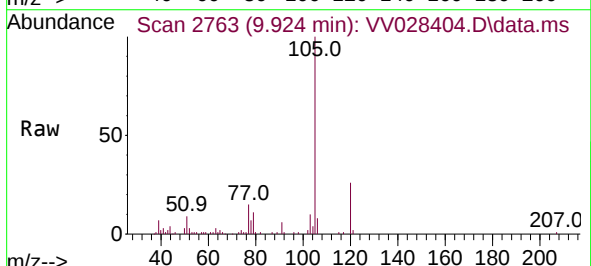
Tgt Ion: 105 Resp: 38887

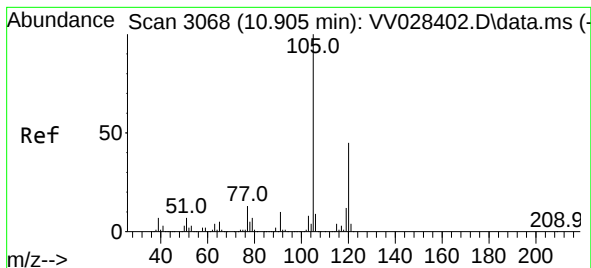
Ion Ratio Lower Upper

105 100

120 25.5 20.5 30.7

77 14.8 12.7 19.1





#63

1,2,4-Trimethylbenzene

Concen: 45.532 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. -0.000 min

Lab File: VV028404.D

Acq: 07 Oct 2022 13:59

Instrument :

MSVOA_V

ClientSampleId :

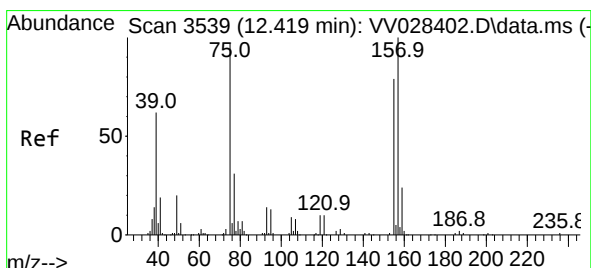
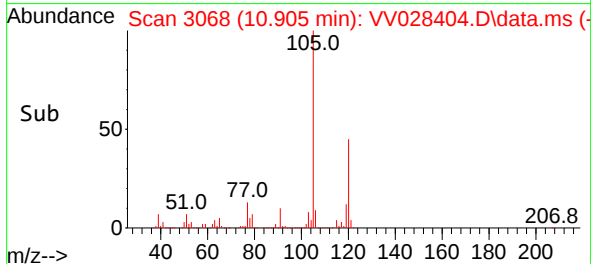
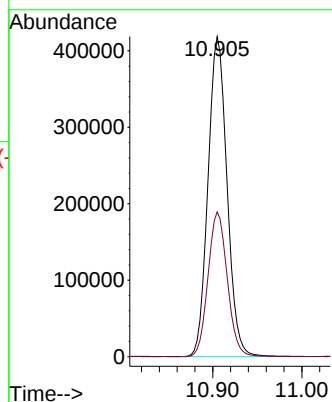
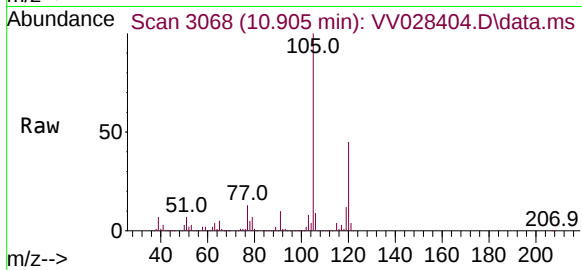
EY0D8DL

Tgt Ion:105 Resp: 619292

Ion Ratio Lower Upper

105 100

120 45.9 35.9 53.9



#68

1,2-Dibromo-3-chloropropane

Concen: 0.761 ug/L

RT: 12.455 min Scan# 3550

Delta R.T. 0.035 min

Lab File: VV028404.D

Acq: 07 Oct 2022 13:59

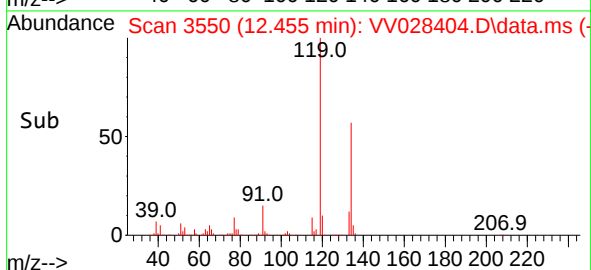
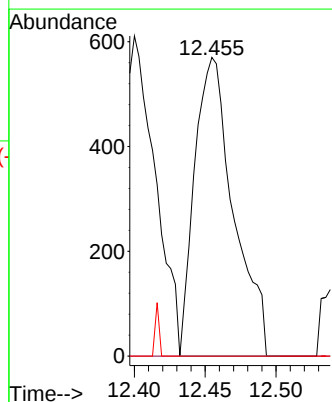
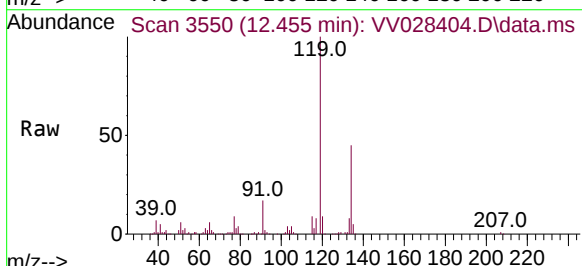
Tgt Ion: 75 Resp: 1089

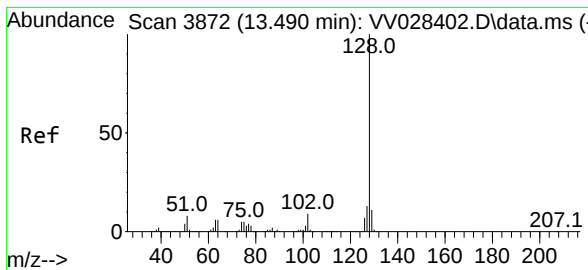
Ion Ratio Lower Upper

75 100

155 0.0 65.0 97.6#

157 0.0 86.0 129.0#





#71
Naphthalene
Concen: 3.738 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. 0.003 min
Lab File: VV028404.D
Acq: 07 Oct 2022 13:59

Instrument :
MSVOA_V
ClientSampleId :
EY0D8DL

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	15.8
129	12.3	8.9	13.3

