

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120621\
 Data File : VW023802.D
 Acq On : 06 Dec 2021 16:56
 Operator : SY/MD
 Sample : M4879-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0G38

Quant Time: Dec 07 05:32:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 02 02:08:23 2021
 Response via : Initial Calibration

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

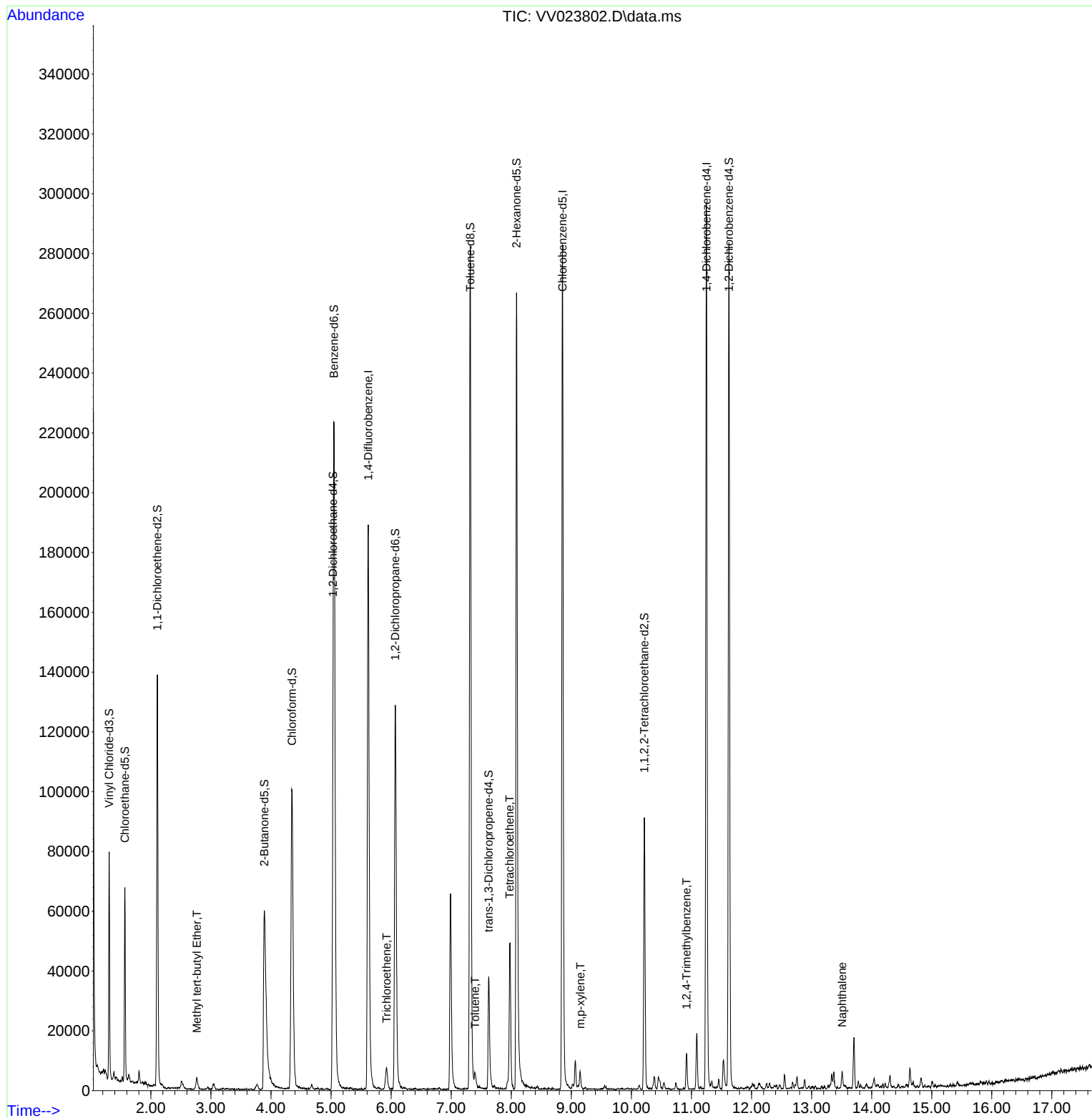
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	171205	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	159978	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	79287	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	44985	3.201	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	64.000%	
7) Chloroethane-d5	1.568	69	37994	3.439	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	68.800%	
11) 1,1-Dichloroethene-d2	2.108	63	69278	2.797	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	56.000%#	
20) 2-Butanone-d5	3.889	46	108338	64.122	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	128.240%	
24) Chloroform-d	4.349	84	104223	4.259	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.200%	
26) 1,2-Dichloroethane-d4	5.034	65	49912	4.365	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.400%	
32) Benzene-d6	5.050	84	209537	4.808	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.200%	
36) 1,2-Dichloropropane-d6	6.069	67	62508	5.116	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.400%	
41) Toluene-d8	7.316	98	187730	4.610	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.200%	
43) trans-1,3-Dichloroprop...	7.625	79	22409	4.550	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.000%	
46) 2-Hexanone-d5	8.088	63	94830	57.958	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	115.920%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40962	4.659	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	74094	5.286	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.800%	
Target Compounds						
					Qvalue	
17) Methyl tert-butyl Ether	2.767	73	2300	0.098	ug/L #	53
34) Trichloroethene	5.924	95	2497	0.204	ug/L	92
42) Toluene	7.397	91	3310	0.067	ug/L	88
47) Tetrachloroethene	7.976	164	11398	1.025	ug/L	97
53) m,p-xylene	9.149	106	1820	0.088	ug/L	79
63) 1,2,4-Trimethylbenzene	10.918	105	6479	0.166	ug/L	100
71) Naphthalene	13.509	128	4836	0.245	ug/L	97

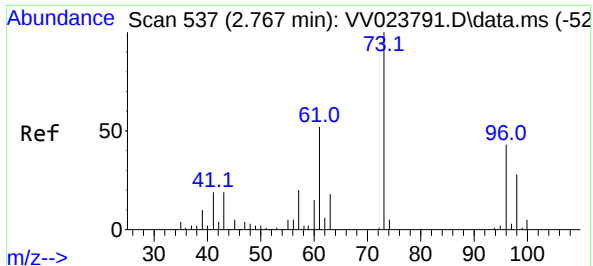
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 02 02:08:23 2021
Response via : Initial Calibration





#17

Methyl tert-butyl Ether

Concen: 0.098 ug/L

RT: 2.767 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV023802.D

Acq: 06 Dec 2021 16:56

Instrument :

MSVOA_V

ClientSampleId :

C0G38

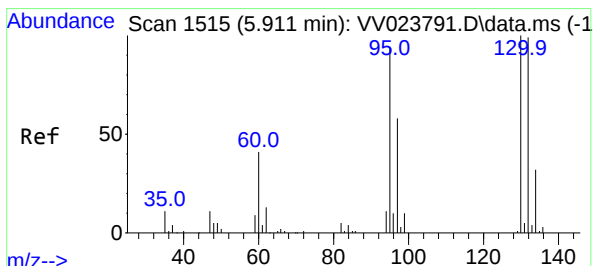
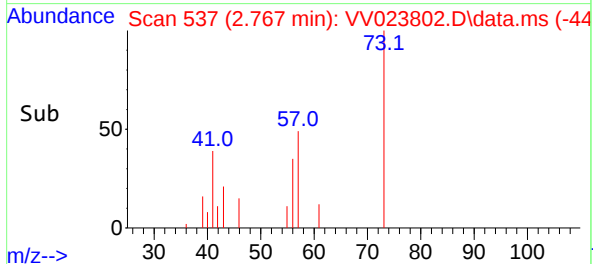
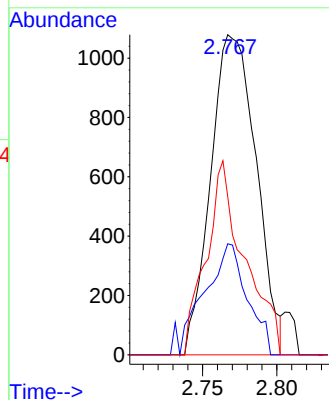
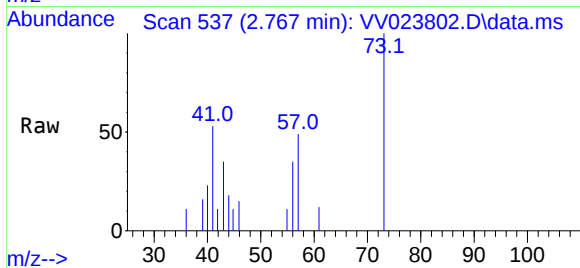
Tgt Ion: 73 Resp: 2300

Ion Ratio Lower Upper

73 100

43 33.2 15.5 23.3#

57 51.0 17.1 25.7#



#34

Trichloroethene

Concen: 0.204 ug/L

RT: 5.924 min Scan# 1519

Delta R.T. 0.013 min

Lab File: VV023802.D

Acq: 06 Dec 2021 16:56

Tgt Ion: 95 Resp: 2497

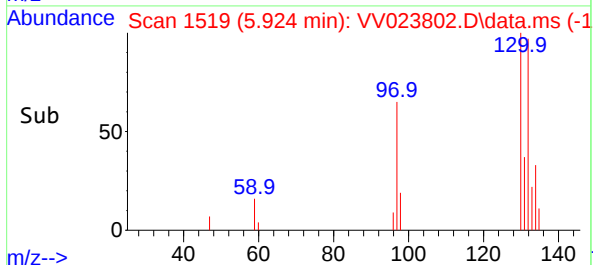
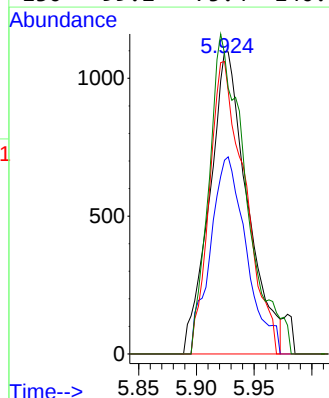
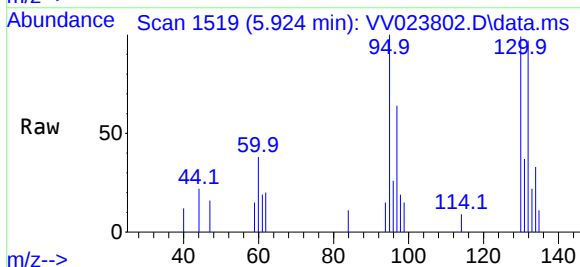
Ion Ratio Lower Upper

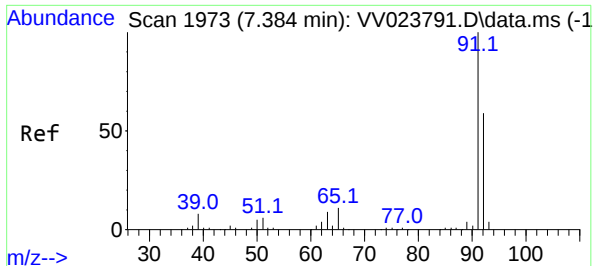
95 100

97 64.0 45.2 84.0

132 96.6 76.1 141.3

130 99.2 75.4 140.0





#42

Toluene

Concen: 0.067 ug/L

RT: 7.397 min Scan# 1973

Delta R.T. 0.013 min

Lab File: VV023802.D

Acq: 06 Dec 2021 16:56

Instrument :

MSVOA_V

ClientSampleId :

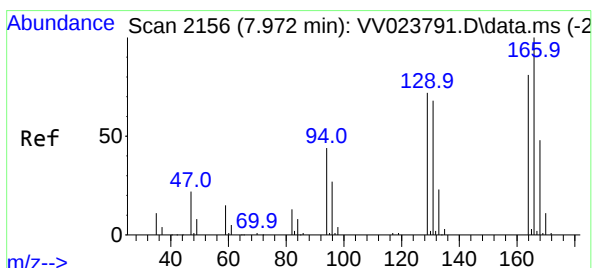
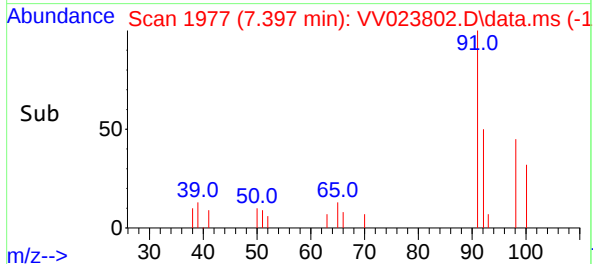
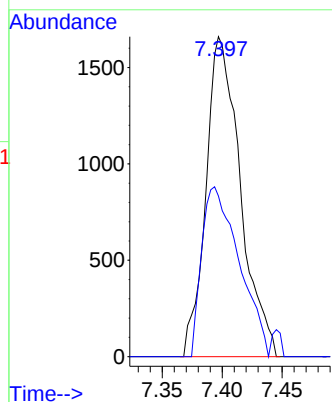
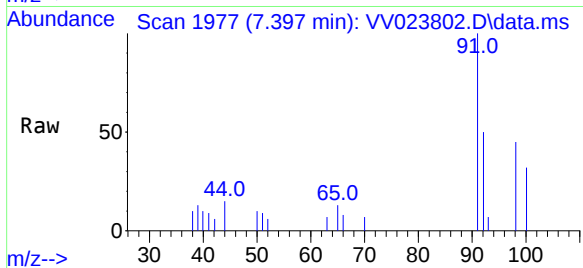
C0G38

Tgt Ion: 91 Resp: 3310

Ion Ratio Lower Upper

91 100

92 50.2 41.5 77.1



#47

Tetrachloroethene

Concen: 1.025 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV023802.D

Acq: 06 Dec 2021 16:56

Tgt Ion: 164 Resp: 11398

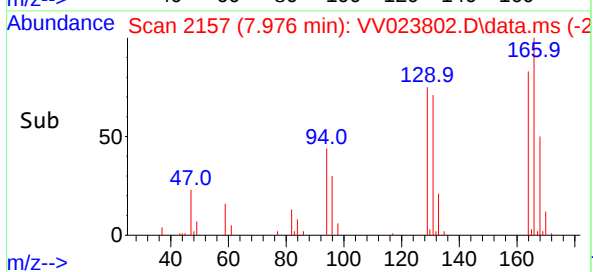
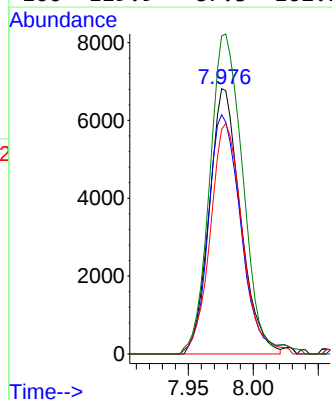
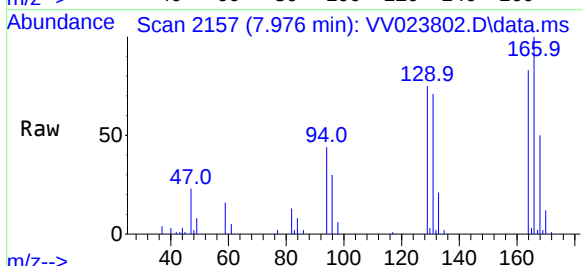
Ion Ratio Lower Upper

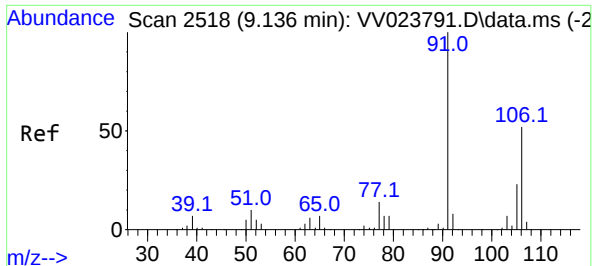
164 100

129 90.1 62.6 116.2

131 84.7 61.0 113.4

166 119.9 87.3 162.1

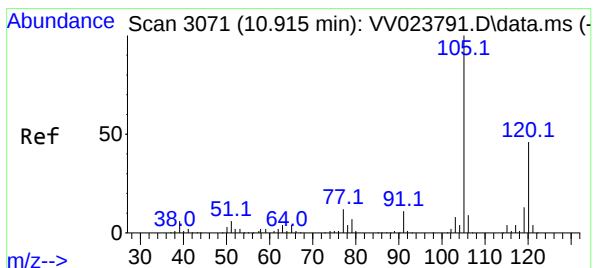
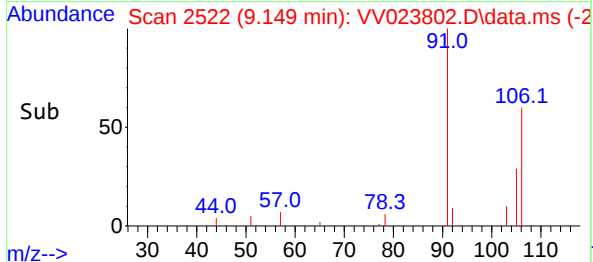
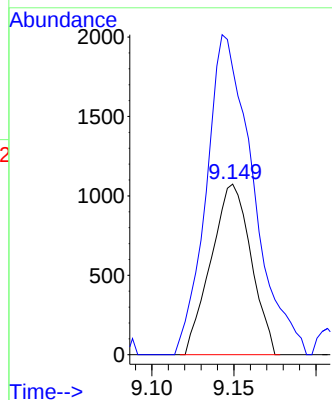
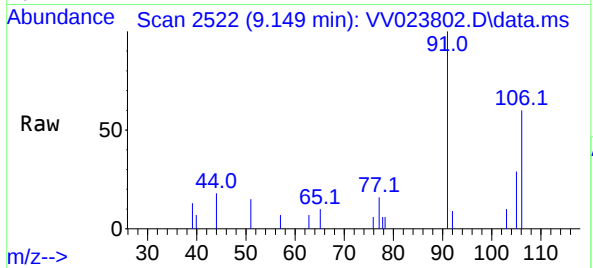




#53
m,p-xylene
Concen: 0.088 ug/L
RT: 9.149 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV023802.D
Acq: 06 Dec 2021 16:56

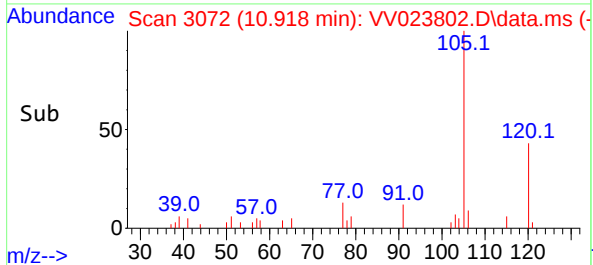
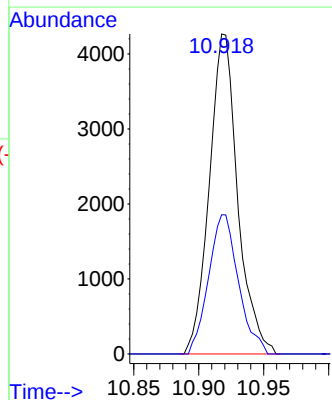
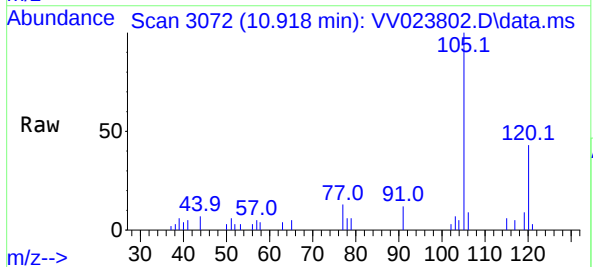
Instrument :
MSVOA_V
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C0G38

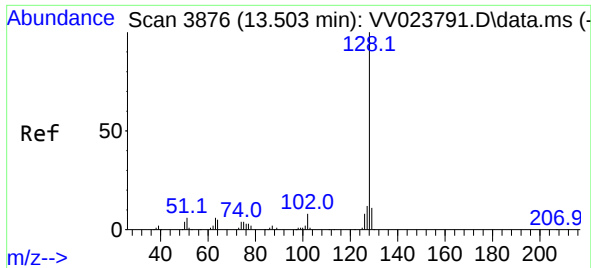
Tgt Ion:106 Resp: 1820
Ion Ratio Lower Upper
106 100
91 167.7 139.5 259.1



#63
1,2,4-Trimethylbenzene
Concen: 0.166 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.006 min
Lab File: VV023802.D
Acq: 06 Dec 2021 16:56

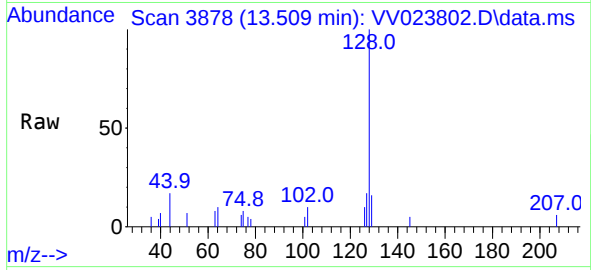
Tgt Ion:105 Resp: 6479
Ion Ratio Lower Upper
105 100
120 45.7 36.7 55.1





#71
Naphthalene
Concen: 0.245 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.006 min
Lab File: VV023802.D
Acq: 06 Dec 2021 16:56

Instrument :
MSVOA_V
ClientSampleId :
C0G38



Tgt Ion:128 Resp: 4836

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.4
127	14.6	10.2	15.4

