

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110122\
 Data File : VW028818.D
 Acq On : 01 Nov 2022 16:27
 Operator : SY/MD
 Sample : N5321-12DL 5X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 02 05:13:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 02 05:10:28 2022
 Response via : Initial Calibration

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

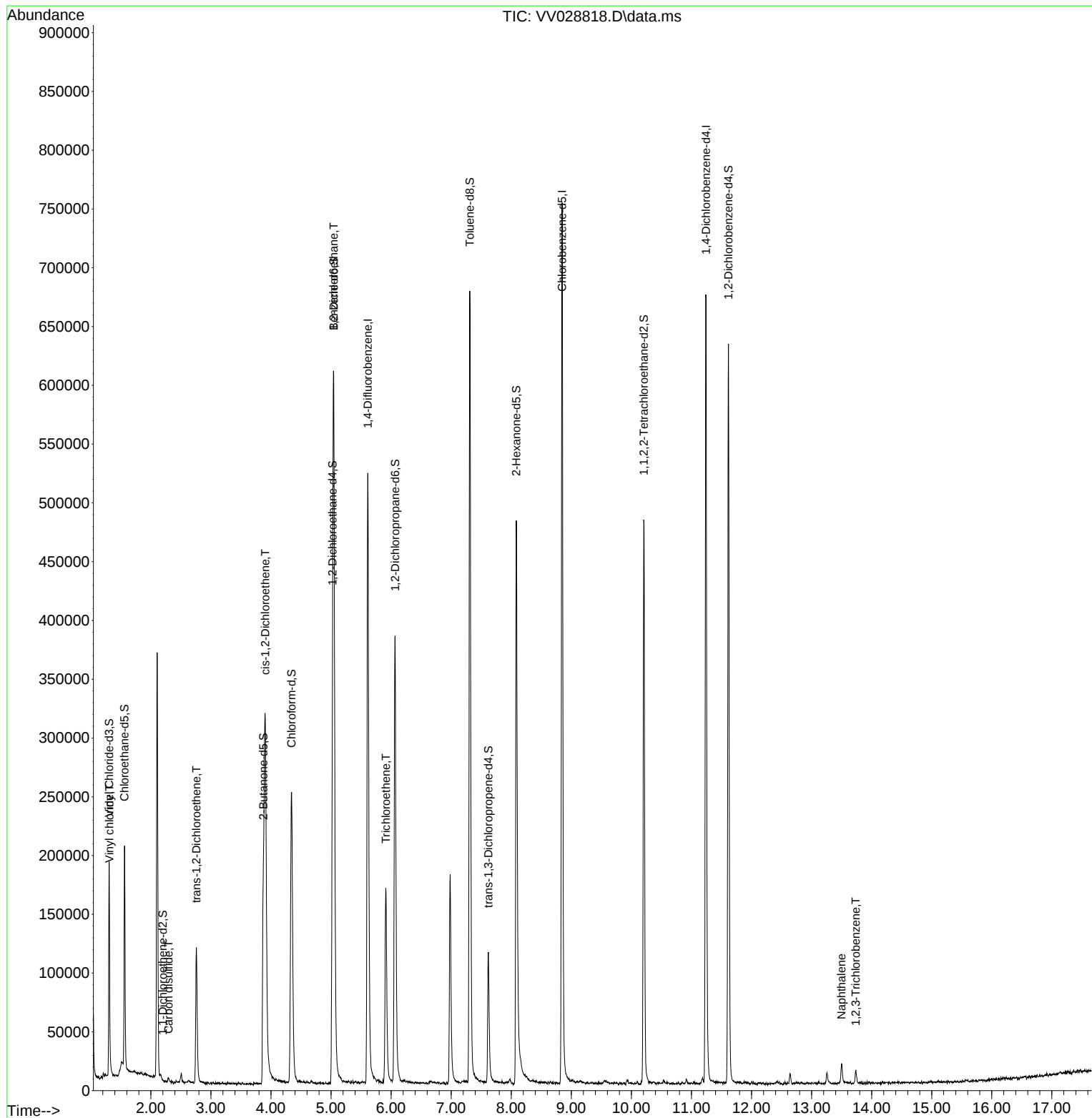
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	415156	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	369850	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	157781	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	125066	31.778	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	63.560%	
7) Chloroethane-d5	1.561	69	122548	36.426	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	72.860%	
11) 1,1-Dichloroethene-d2	2.198	63	145	0.019	ug/L	0.09
Spiked Amount	50.000	Range 60 - 125	Recovery	=	0.040%#	
21) 2-Butanone-d5	3.873	46	271341	94.714	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	94.710%	
24) Chloroform-d	4.343	84	249164	41.977	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	83.960%	
26) 1,2-Dichloroethane-d4	5.024	65	176387	44.932	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	89.860%	
32) Benzene-d6	5.044	84	501553	43.440	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	86.880%	
36) 1,2-Dichloropropane-d6	6.066	67	183974	46.413	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	92.820%	
41) Toluene-d8	7.310	98	422849	41.659	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	83.320%	
43) trans-1,3-Dichloroprop...	7.619	79	62879	41.302	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	82.600%	
47) 2-Hexanone-d5	8.085	63	164759	91.977	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	91.980%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	240375	45.988	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	91.980%	
66) 1,2-Dichlorobenzene-d4	11.616	152	142570	45.777	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	91.560%	
Target Compounds						Qvalue
5) Vinyl chloride	1.311	62	9158	1.962	ug/L #	75
14) Carbon disulfide	2.294	76	4210	0.487	ug/L #	84
17) trans-1,2-Dichloroethene	2.757	96	38636	12.900	ug/L	96
20) cis-1,2-Dichloroethene	3.905	96	137353	41.563	ug/L	98
27) 1,2-Dichloroethane	5.044	62	3591	0.725	ug/L	96
34) Trichloroethene	5.912	95	56461	18.542	ug/L	99
71) Naphthalene	13.500	128	12910	1.278	ug/L	97
72) 1,2,3-Trichlorobenzene	13.738	180	2761	0.879	ug/L #	85

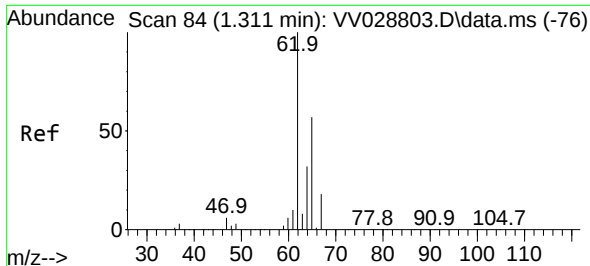
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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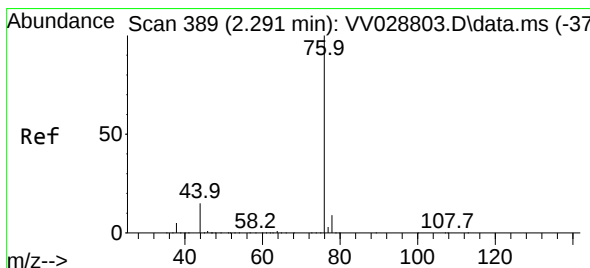
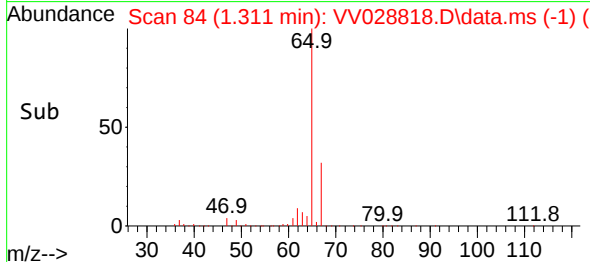
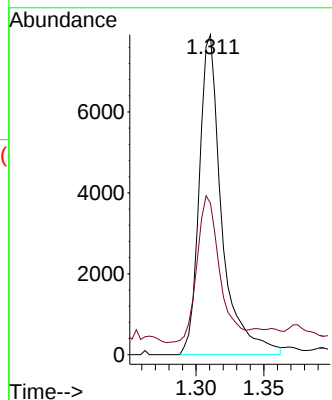
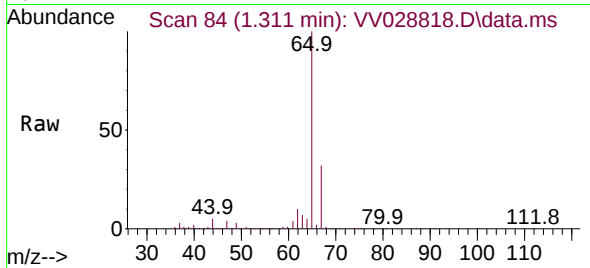




#5
 Vinyl chloride
 Concen: 1.962 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV028818.D
 Acq: 01 Nov 2022 16:27

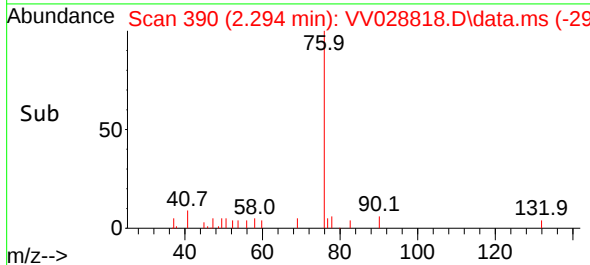
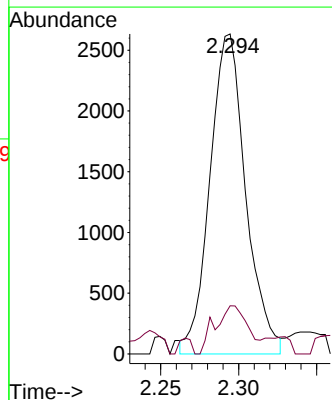
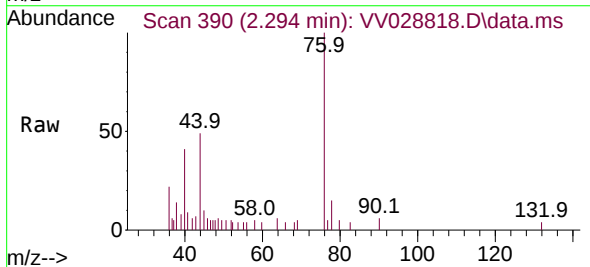
Instrument :
 MSVOA_V
 ClientSampleId :

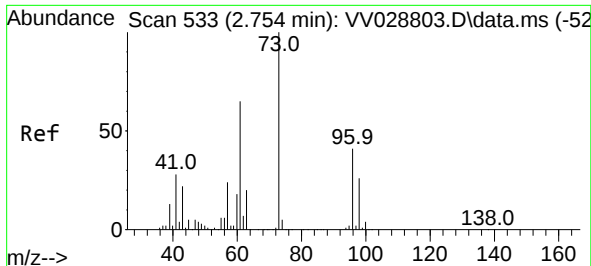
Tgt Ion: 62 Resp: 9158
 Ion Ratio Lower Upper
 62 100
 64 47.3 23.2 43.0#



#14
 Carbon disulfide
 Concen: 0.487 ug/L
 RT: 2.294 min Scan# 390
 Delta R.T. 0.003 min
 Lab File: VV028818.D
 Acq: 01 Nov 2022 16:27

Tgt Ion: 76 Resp: 4210
 Ion Ratio Lower Upper
 76 100
 78 15.1 7.4 11.2#

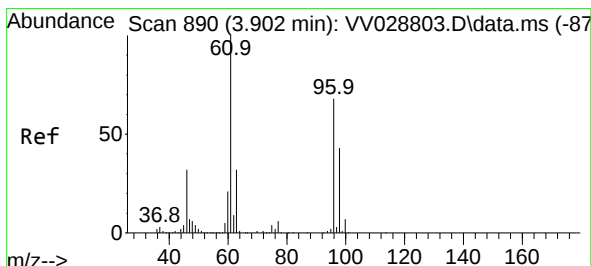
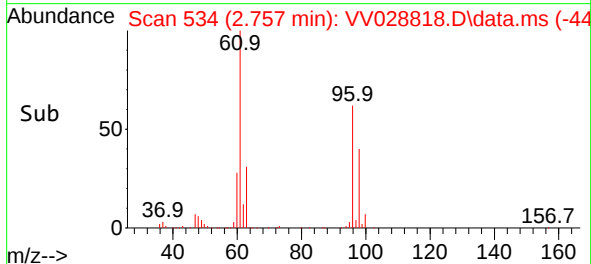
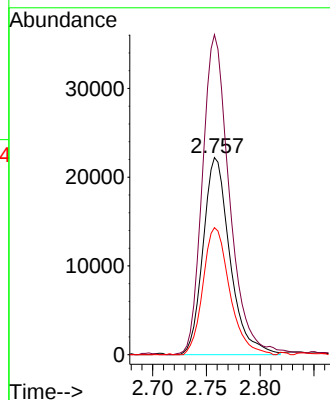
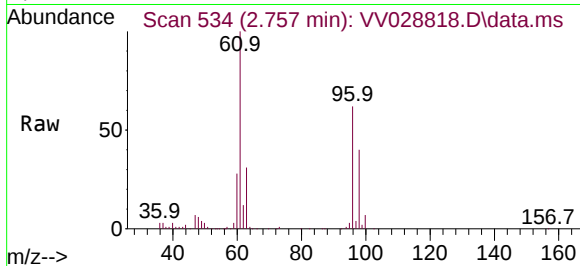




#17
trans-1,2-Dichloroethene
Concen: 12.900 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV028818.D
Acq: 01 Nov 2022 16:27

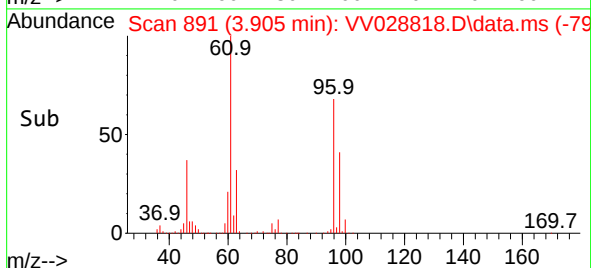
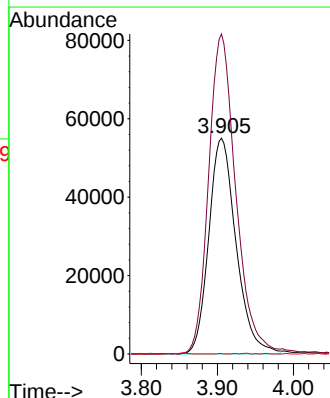
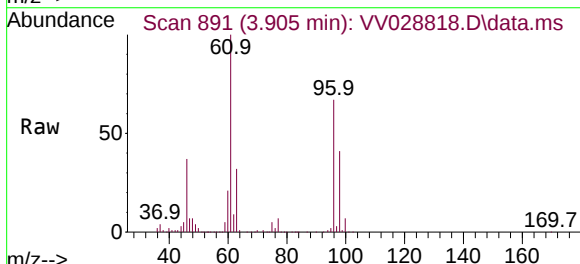
Instrument :
MSVOA_V
ClientSampleId :

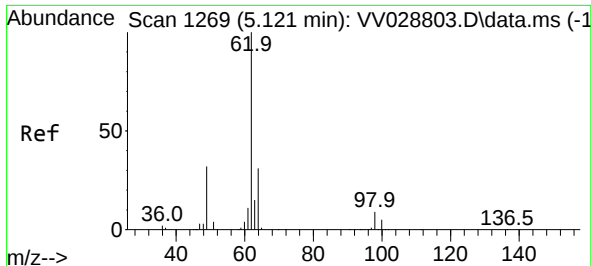
Tgt Ion: 96 Resp: 38636
Ion Ratio Lower Upper
96 100
61 162.4 109.4 203.2
98 64.5 43.3 80.5



#20
cis-1,2-Dichloroethene
Concen: 41.563 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.003 min
Lab File: VV028818.D
Acq: 01 Nov 2022 16:27

Tgt Ion: 96 Resp: 137353
Ion Ratio Lower Upper
96 100
61 148.3 102.3 190.1
68 0.2 0.1 0.3





#27

1,2-Dichloroethane

Concen: 0.725 ug/L

RT: 5.044 min Scan# 11

Delta R.T. -0.077 min

Lab File: VV028818.D

Acq: 01 Nov 2022 16:27

Instrument :

MSVOA_V

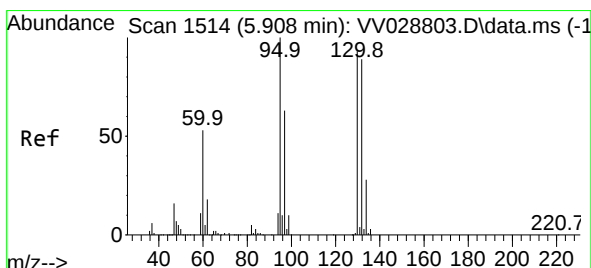
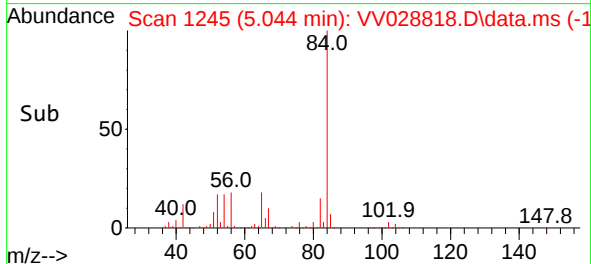
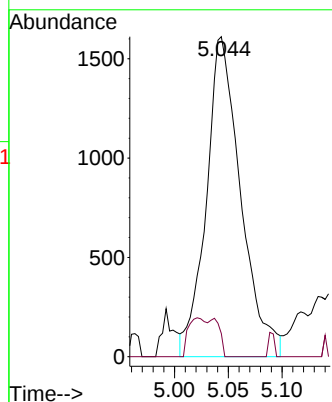
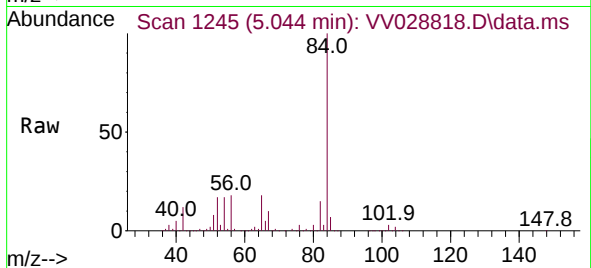
ClientSampleId :

Tgt Ion: 62 Resp: 3591

Ion Ratio Lower Upper

62 100

98 7.3 6.9 10.3



#34

Trichloroethene

Concen: 18.542 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. 0.003 min

Lab File: VV028818.D

Acq: 01 Nov 2022 16:27

Tgt Ion: 95 Resp: 56461

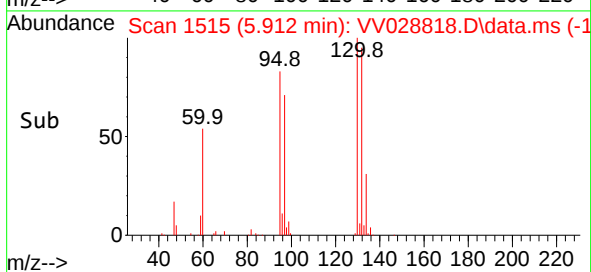
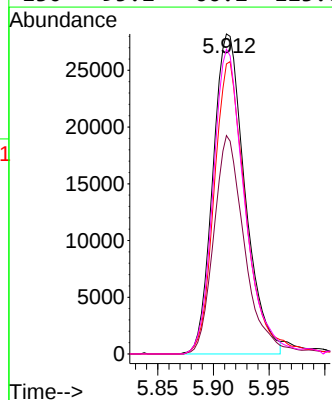
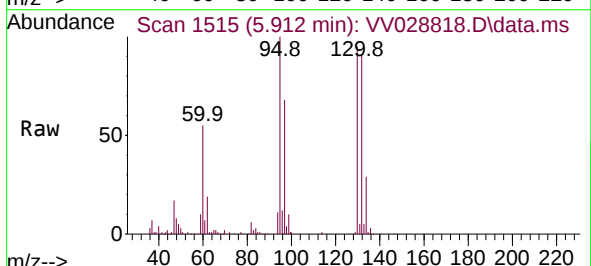
Ion Ratio Lower Upper

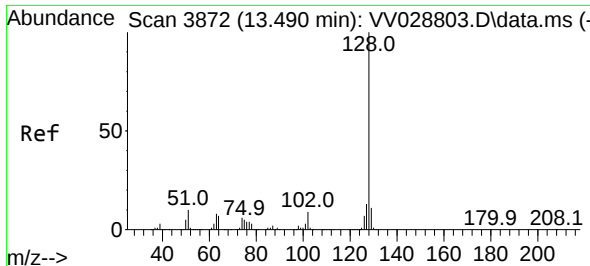
95 100

97 68.2 46.2 85.8

132 90.7 63.2 117.4

130 95.2 66.2 123.0

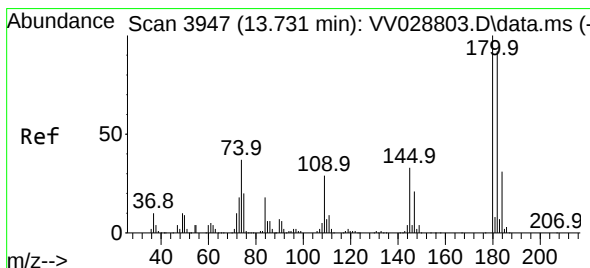
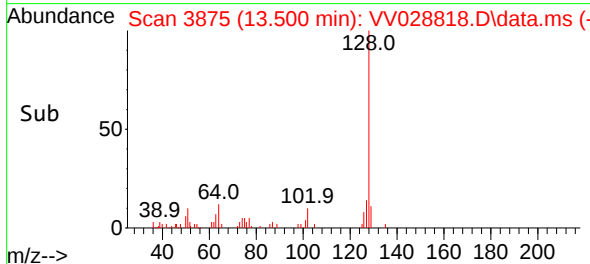
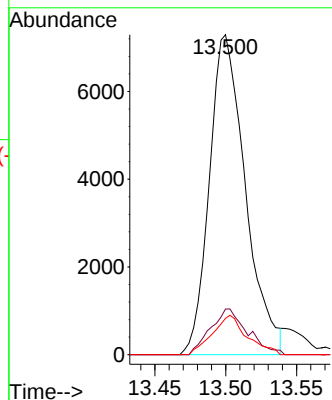
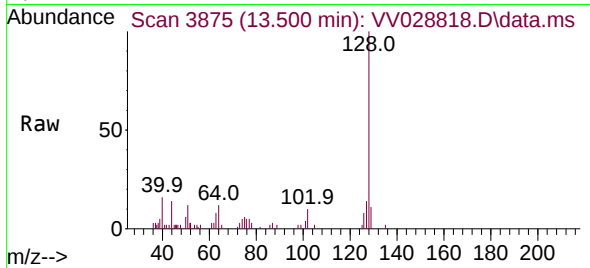




#71
Naphthalene
Concen: 1.278 ug/L
RT: 13.500 min Scan# 3872
Delta R.T. 0.010 min
Lab File: VV028818.D
Acq: 01 Nov 2022 16:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128	Resp:	12910
Ion Ratio	Lower	Upper
128	100	
127	14.5	10.6 16.0
129	11.8	8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 0.879 ug/L
RT: 13.738 min Scan# 3949
Delta R.T. 0.006 min
Lab File: VV028818.D
Acq: 01 Nov 2022 16:27

Tgt Ion:180	Resp:	2761
Ion Ratio	Lower	Upper
180	100	
182	109.1	75.5 113.3
145	41.8	26.2 39.4#

