

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092722\
 Data File : VW028136.D
 Acq On : 27 Sep 2022 13:53
 Operator : SY/MD
 Sample : N4820-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CB8N0

Quant Time: Sep 28 03:10:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 28 03:08:11 2022
 Response via : Initial Calibration

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

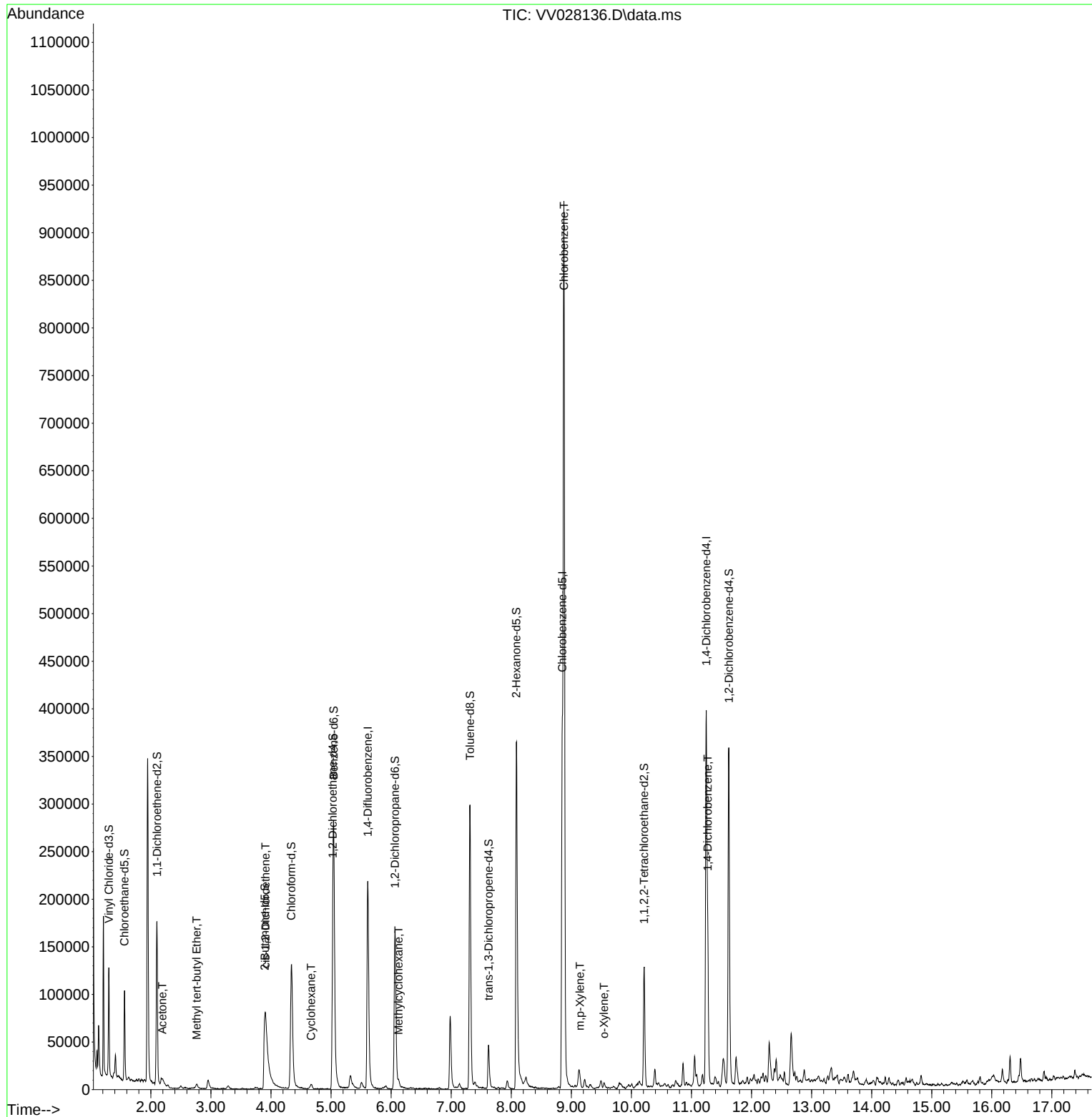
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	197772	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	194708	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	104181	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	64270	3.135	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.600%
7) Chloroethane-d5	1.561	69	61990	3.803	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.000%
11) 1,1-Dichloroethene-d2	2.101	63	88389	2.486	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.800%#
20) 2-Butanone-d5	3.899	46	153015	44.205	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.400%
24) Chloroform-d	4.339	84	136926	4.185	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
26) 1,2-Dichloroethane-d4	5.027	65	67822	4.356	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
32) Benzene-d6	5.043	84	258137	4.043	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
36) 1,2-Dichloropropane-d6	6.063	67	84141	4.227	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.600%
41) Toluene-d8	7.313	98	208167	3.602	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.000%
43) trans-1,3-Dichloroprop...	7.622	79	28736	3.997	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.000%
46) 2-Hexanone-d5	8.085	63	142211	47.394	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.780%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	62641	4.604	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	92717	4.537	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
13) Acetone	2.191	43	17453	6.546	ug/L	92
17) Methyl tert-butyl Ether	2.764	73	3622	0.123	ug/L #	92
22) cis-1,2-Dichloroethene	3.908	96	2127	0.135	ug/L	74
30) Cyclohexane	4.667	56	2637	0.152	ug/L	93
35) Methylcyclohexane	6.124	83	2742	0.149	ug/L #	85
51) Chlorobenzene	8.876	112	504771	13.344	ug/L	99
53) m,p-Xylene	9.143	106	2712	0.119	ug/L	78
54) o-Xylene	9.545	106	1221	0.054	ug/L	85
65) 1,4-Dichlorobenzene	11.271	146	68620	2.254	ug/L	99

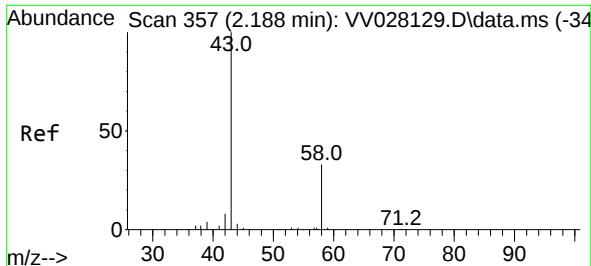
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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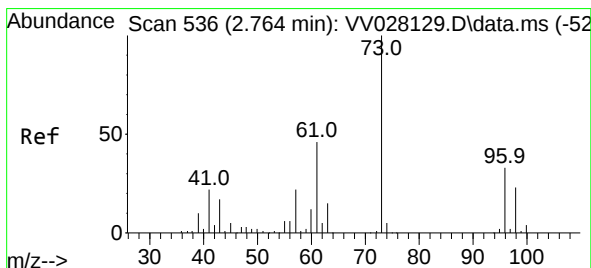
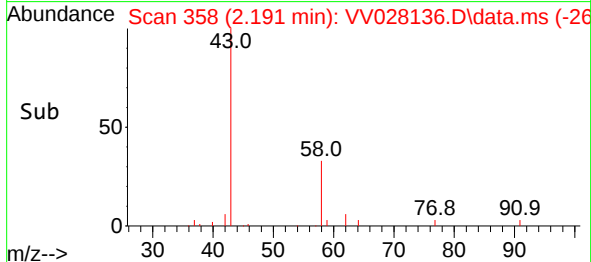
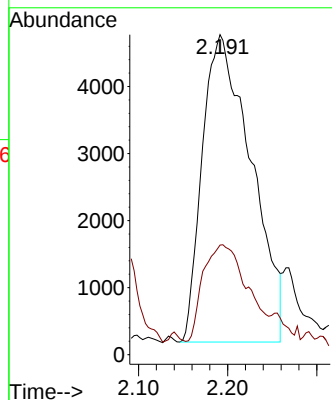
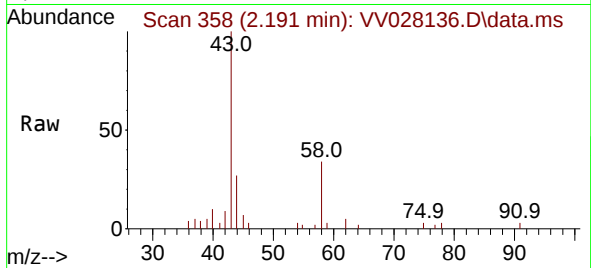




#13
Acetone
Concen: 6.546 ug/L
RT: 2.191 min Scan# 358
Delta R.T. 0.003 min
Lab File: VV028136.D
Acq: 27 Sep 2022 13:53

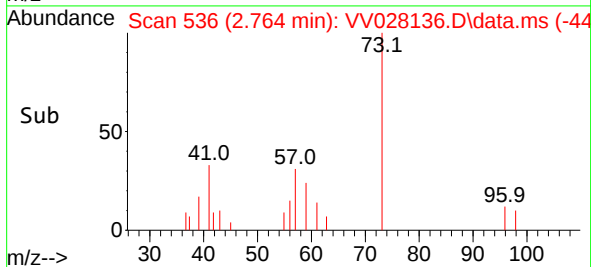
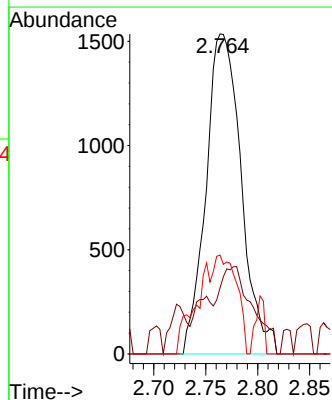
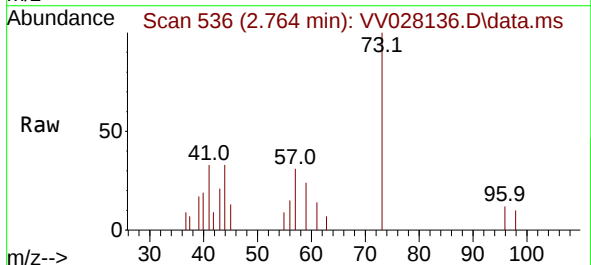
Instrument :
MSVOA_V
ClientSampleId :
CB8N0

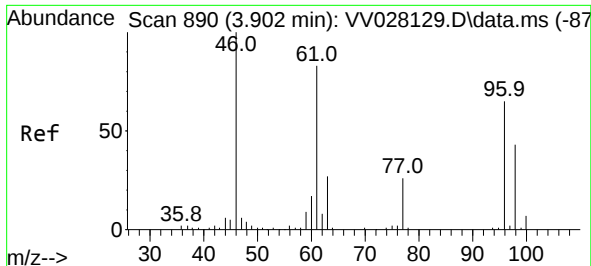
Tgt Ion: 43 Resp: 17453
Ion Ratio Lower Upper
43 100
58 28.4 0.0 65.6



#17
Methyl tert-butyl Ether
Concen: 0.123 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV028136.D
Acq: 27 Sep 2022 13:53

Tgt Ion: 73 Resp: 3622
Ion Ratio Lower Upper
73 100
43 25.8 15.7 23.5#
57 20.5 17.8 26.8

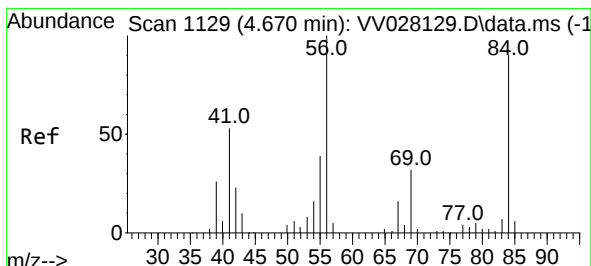
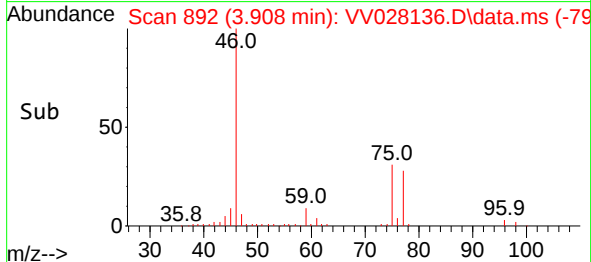
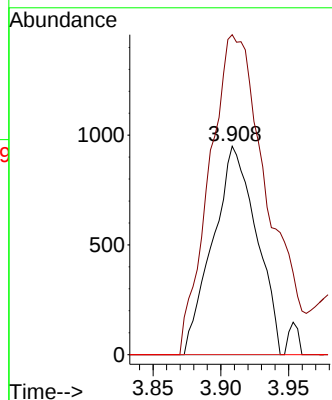
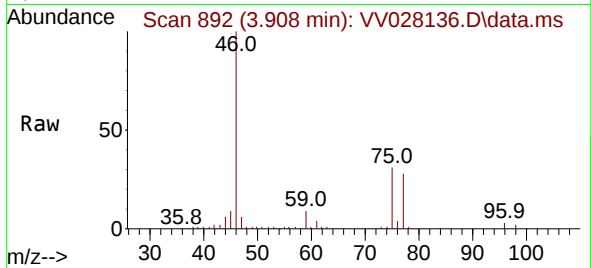




#22
 cis-1,2-Dichloroethene
 Concen: 0.135 ug/L
 RT: 3.908 min Scan# 890
 Delta R.T. 0.006 min
 Lab File: VV028136.D
 Acq: 27 Sep 2022 13:53

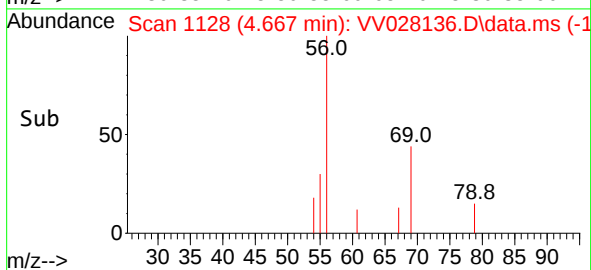
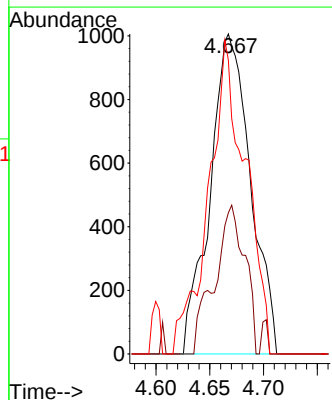
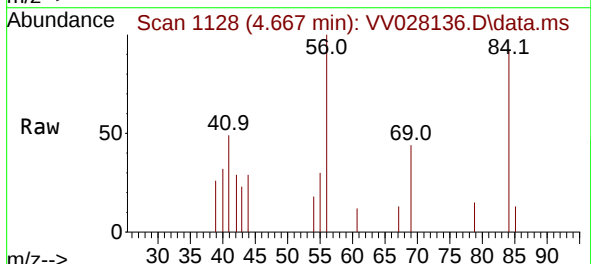
Instrument :
 MSVOA_V
 ClientSampleId :
 CB8N0

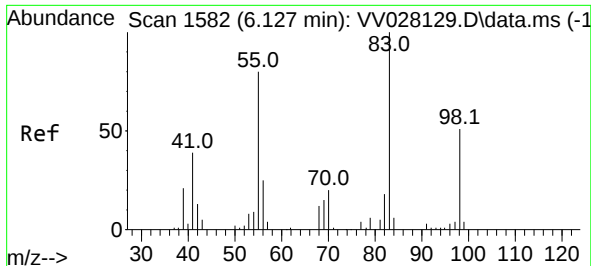
Tgt Ion: 96 Resp: 2127
 Ion Ratio Lower Upper
 96 100
 61 153.5 87.2 161.9
 68 0.0 0.0 0.0



#30
 Cyclohexane
 Concen: 0.152 ug/L
 RT: 4.667 min Scan# 1128
 Delta R.T. -0.003 min
 Lab File: VV028136.D
 Acq: 27 Sep 2022 13:53

Tgt Ion: 56 Resp: 2637
 Ion Ratio Lower Upper
 56 100
 69 34.9 23.7 35.5
 84 89.6 67.3 100.9

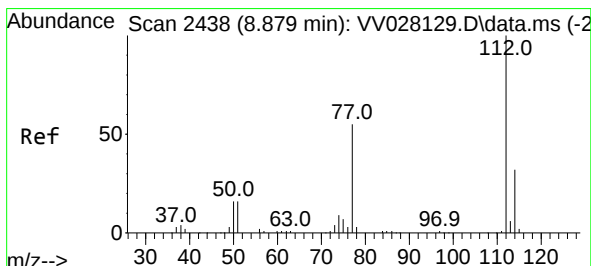
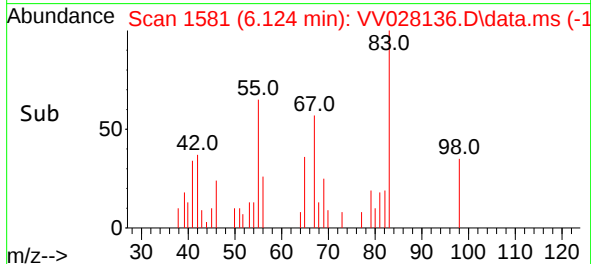
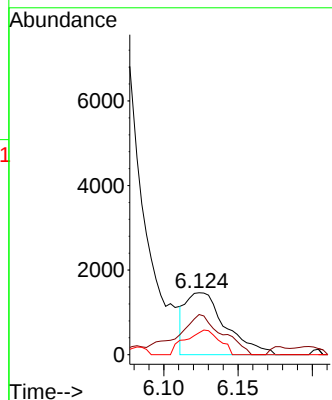
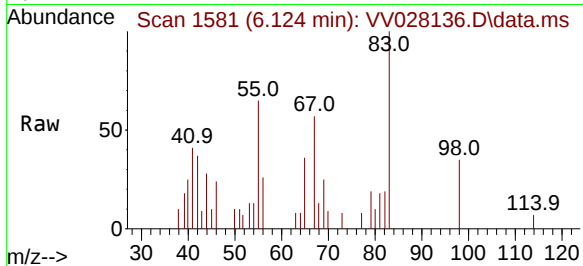




#35
Methylcyclohexane
Concen: 0.149 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.003 min
Lab File: VV028136.D
Acq: 27 Sep 2022 13:53

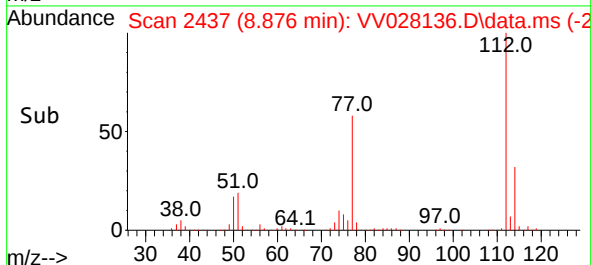
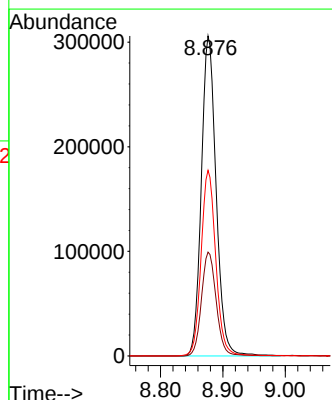
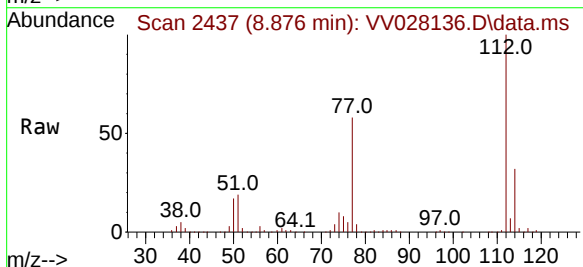
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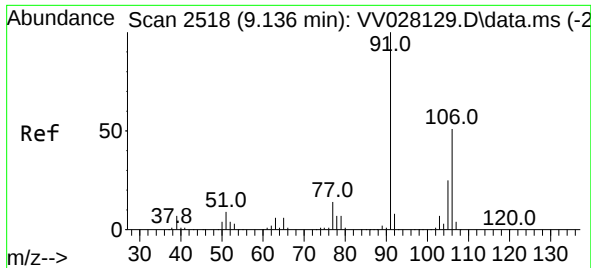
Tgt Ion: 83 Resp: 2742
Ion Ratio Lower Upper
83 100
55 72.5 64.7 97.1
98 33.6 39.5 59.3#



#51
Chlorobenzene
Concen: 13.344 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. -0.003 min
Lab File: VV028136.D
Acq: 27 Sep 2022 13:53

Tgt Ion: 112 Resp: 504771
Ion Ratio Lower Upper
112 100
114 32.5 22.5 41.7
77 58.0 46.1 69.1

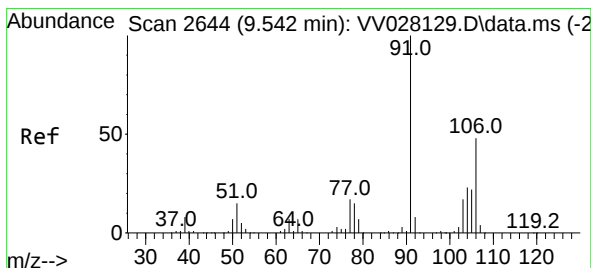
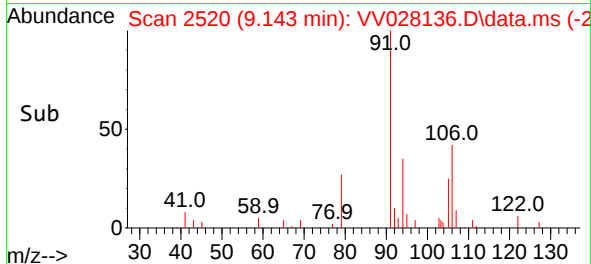
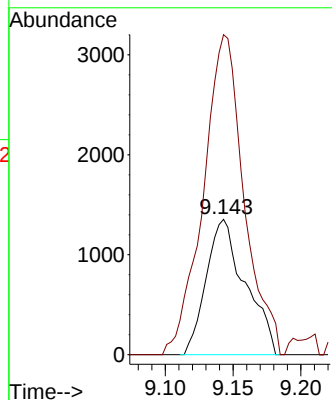
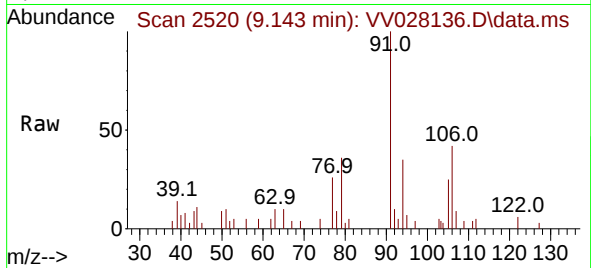




#53
m,p-Xylene
Concen: 0.119 ug/L
RT: 9.143 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV028136.D
Acq: 27 Sep 2022 13:53

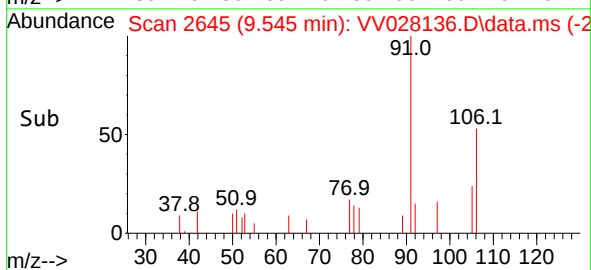
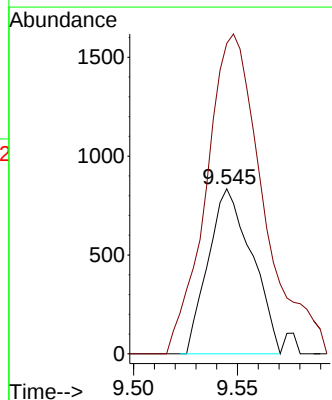
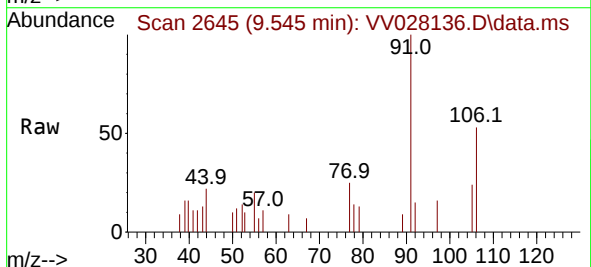
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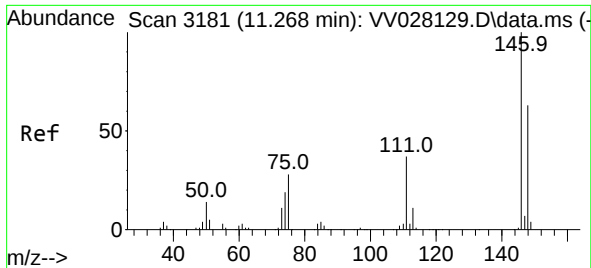
Tgt Ion:106 Resp: 2712
Ion Ratio Lower Upper
106 100
91 236.3 141.9 263.5



#54
o-Xylene
Concen: 0.054 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV028136.D
Acq: 27 Sep 2022 13:53

Tgt Ion:106 Resp: 1221
Ion Ratio Lower Upper
106 100
91 188.0 148.1 275.0





#65

1,4-Dichlorobenzene

Concen: 2.254 ug/L

RT: 11.271 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV028136.D

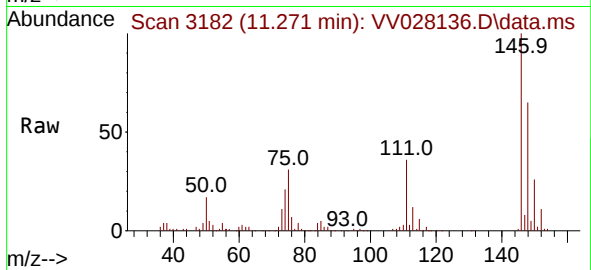
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Instrument :

MSVOA_V

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Tgt Ion:146 Resp: 68620

Ion Ratio Lower Upper

146 100

111 36.4 26.2 48.8

148 65.3 45.8 85.2

