

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122022\
 Data File : VV029738.D
 Acq On : 20 Dec 2022 09:51
 Operator : SY/MD
 Sample : VV1220WBL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK312

Quant Time: Dec 21 00:15:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 21 00:15:13 2022
 Response via : Initial Calibration

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

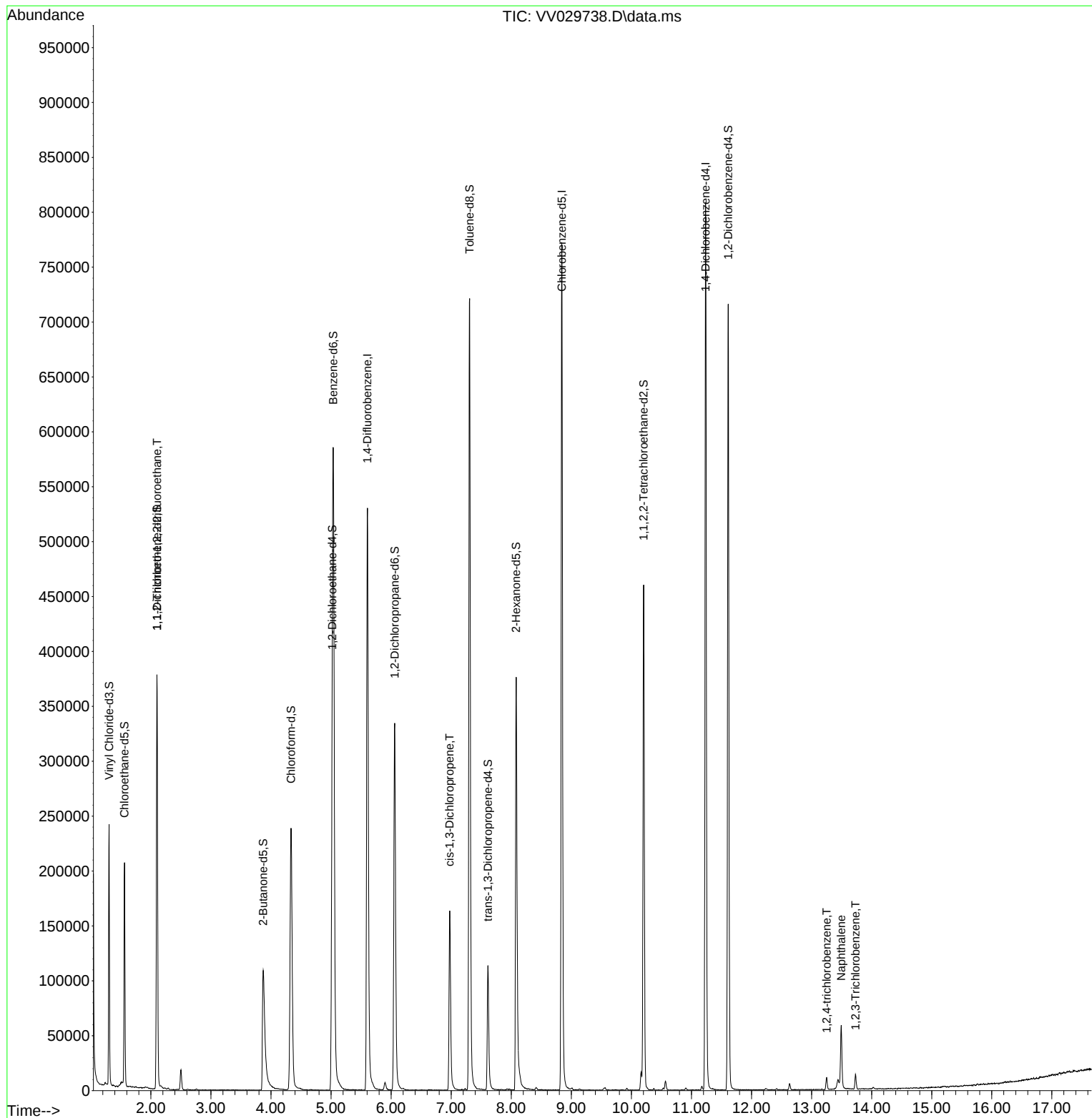
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	493852	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	450514	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	220821	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	147814	48.878	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.760%
7) Chloroethane-d5	1.561	69	126083	54.676	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.360%
11) 1,1-Dichloroethene-d2	2.101	63	196724	41.707	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.420%
21) 2-Butanone-d5	3.870	46	180755	97.980	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.980%
24) Chloroform-d	4.333	84	259318	45.567	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.140%
26) 1,2-Dichloroethane-d4	5.018	65	156076	48.020	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.040%
32) Benzene-d6	5.037	84	575520	48.346	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.700%
36) 1,2-Dichloropropane-d6	6.059	67	176367	48.504	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.000%
41) Toluene-d8	7.307	98	509104	45.390	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.780%
43) trans-1,3-Dichloroprop...	7.612	79	71236	38.797	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.600%
47) 2-Hexanone-d5	8.082	63	144077	92.790	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.790%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	227416	43.767	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.540%
66) 1,2-Dichlorobenzene-d4	11.612	152	192470	45.787	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.580%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	2062	0.799	ug/L #	20
39) cis-1,3-Dichloropropene	6.976	75	3688	0.732	ug/L #	36
70) 1,2,4-trichlorobenzene	13.252	180	3855	0.859	ug/L	96
71) Naphthalene	13.493	128	49238	4.839	ug/L	98
72) 1,2,3-Trichlorobenzene	13.731	180	4490	1.022	ug/L	99

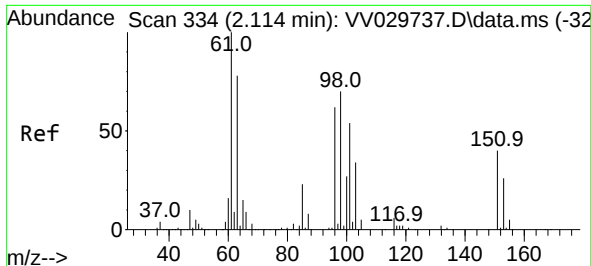
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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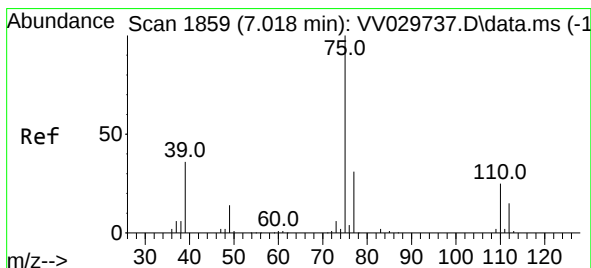
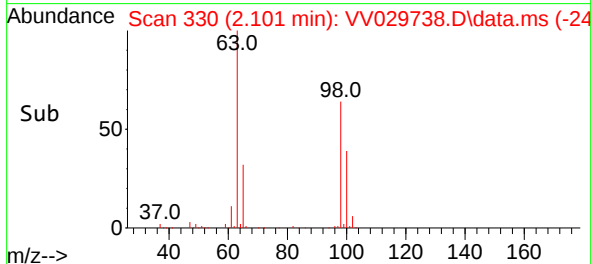
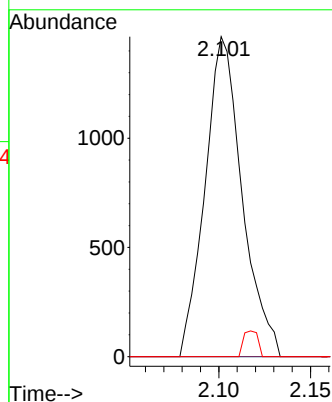
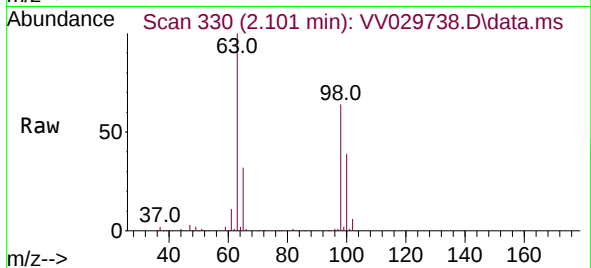




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.799 ug/L
RT: 2.101 min Scan# 31
Delta R.T. -0.013 min
Lab File: VV029738.D
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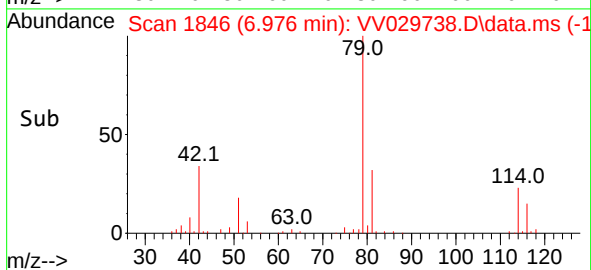
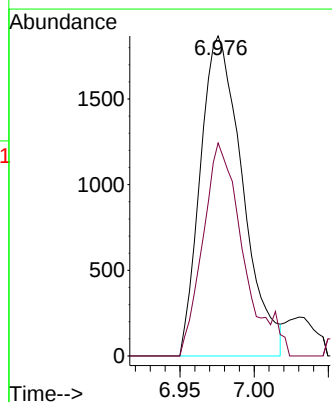
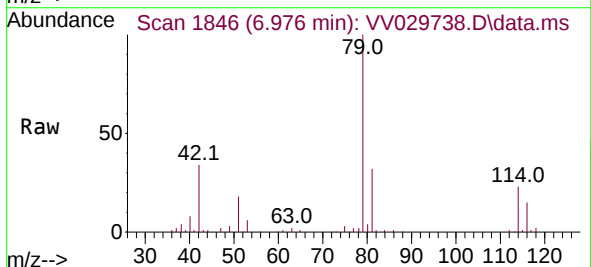
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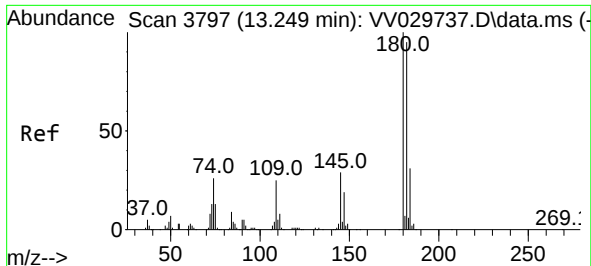
Tgt Ion:101 Resp: 2062
Ion Ratio Lower Upper
101 100
85 0.0 33.6 50.4#
151 3.2 63.5 95.3#



#39
cis-1,3-Dichloropropene
Concen: 0.732 ug/L
RT: 6.976 min Scan# 1846
Delta R.T. -0.042 min
Lab File: VV029738.D
Acq: 20 Dec 2022 09:51

Tgt Ion: 75 Resp: 3688
Ion Ratio Lower Upper
75 100
77 66.5 21.9 40.7#

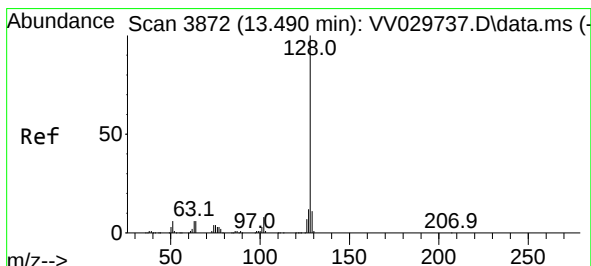
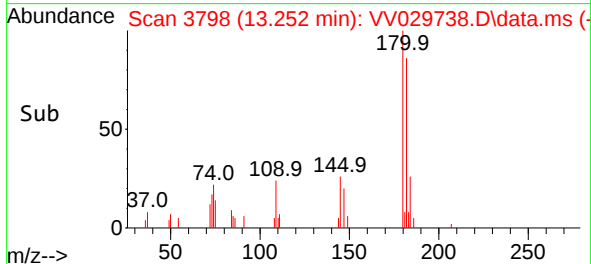
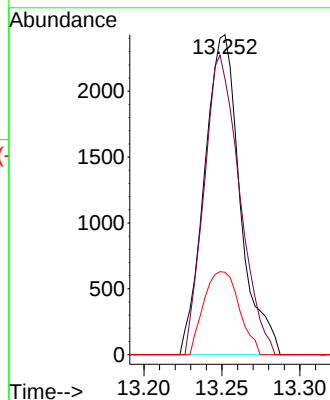
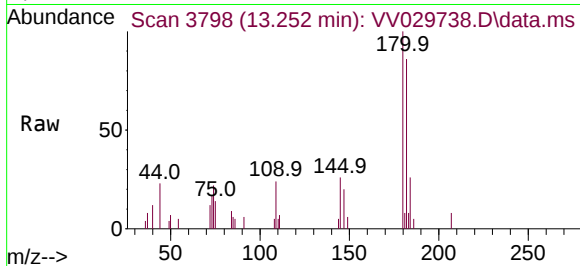




#70
1,2,4-trichlorobenzene
Concen: 0.859 ug/L
RT: 13.252 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV029738.D
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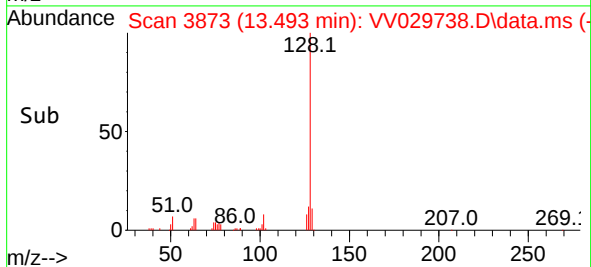
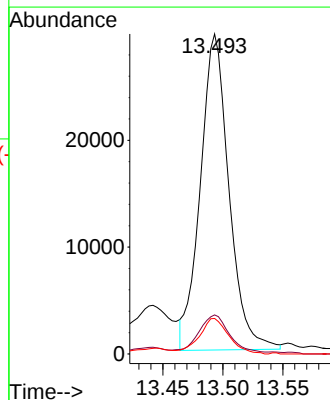
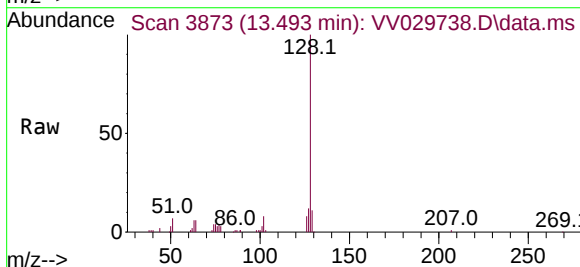
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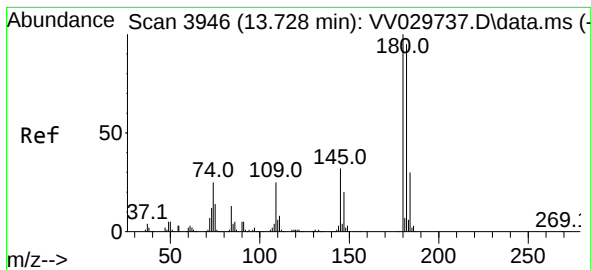
Tgt Ion:180 Resp: 3855
Ion Ratio Lower Upper
180 100
182 93.0 76.3 114.5
145 25.8 23.7 35.5



#71
Naphthalene
Concen: 4.839 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. 0.003 min
Lab File: VV029738.D
Acq: 20 Dec 2022 09:51

Tgt Ion:128 Resp: 49238
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.4
129 11.6 8.5 12.7





#72

1,2,3-Trichlorobenzene

Concen: 1.022 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. 0.003 min

Lab File: VV029738.D

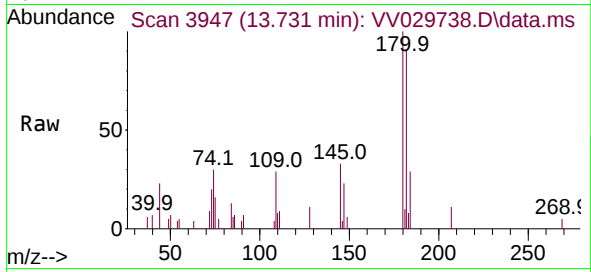
Acq: 20 Dec 2022 09:51

Instrument :

MSVOA_V

ClientSampleId :

VBLK312



Tgt Ion:180 Resp: 4490

Ion Ratio Lower Upper

180 100

182 94.6 76.4 114.6

145 30.1 25.0 37.6

