

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122022\
 Data File : VW029751.D
 Acq On : 20 Dec 2022 15:14
 Operator : SY/MD
 Sample : N6130-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Dec 21 00:18:41 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)

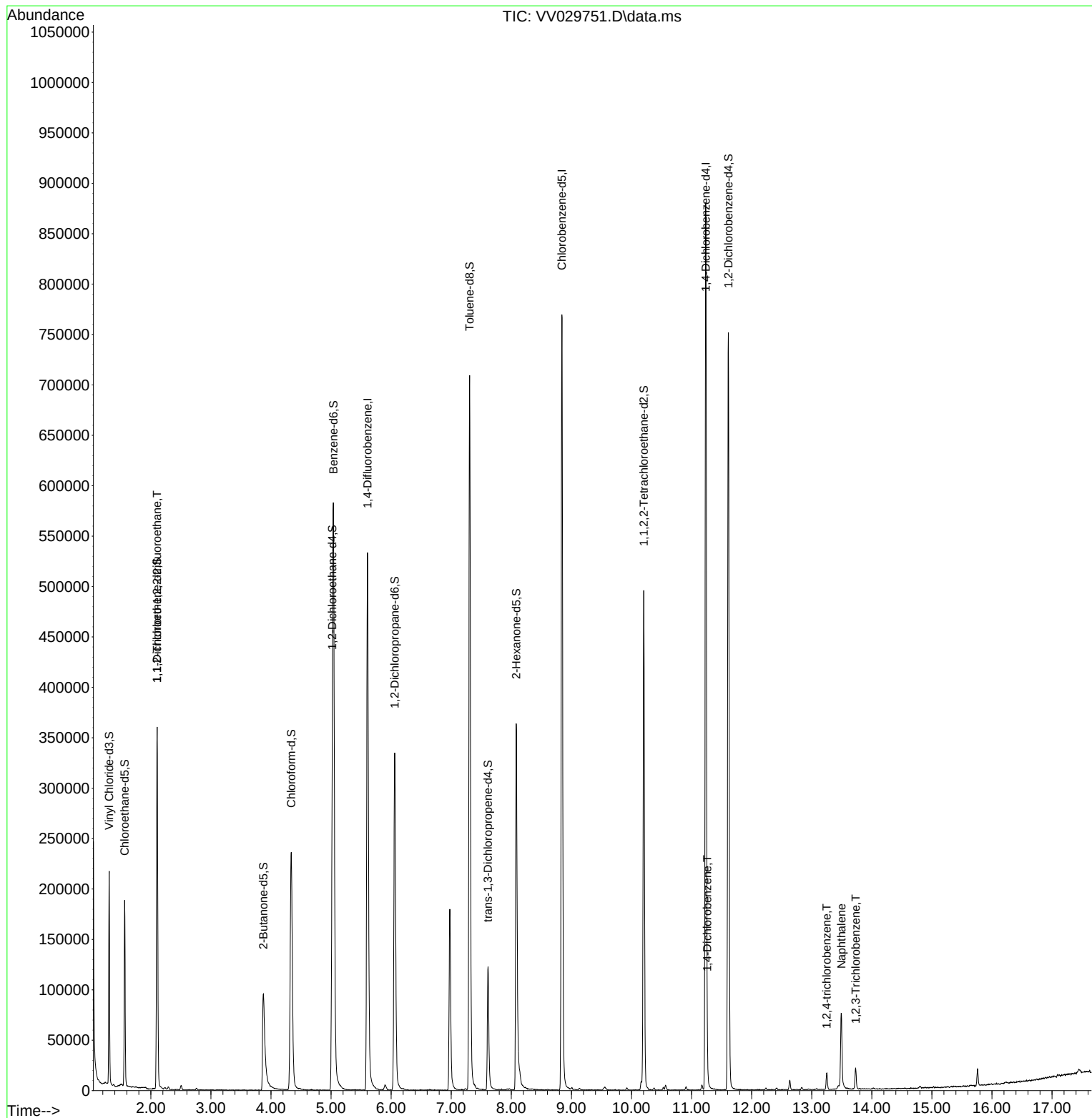
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	496534	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	459264	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	239797	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	133361	43.861	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.720%		
7) Chloroethane-d5	1.565	69	118054	50.918	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	101.840%		
11) 1,1-Dichloroethene-d2	2.105	63	184551	38.915	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.820%		
21) 2-Butanone-d5	3.873	46	167896	90.518	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.520%		
24) Chloroform-d	4.336	84	258030	45.096	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.200%		
26) 1,2-Dichloroethane-d4	5.021	65	158791	48.591	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.180%		
32) Benzene-d6	5.040	84	561199	46.245	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.500%		
36) 1,2-Dichloropropane-d6	6.060	67	177835	47.976	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.960%		
41) Toluene-d8	7.307	98	494848	43.278	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.560%		
43) trans-1,3-Dichloroprop...	7.613	79	76561	40.903	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.800%		
47) 2-Hexanone-d5	8.082	63	140483	88.752	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.750%		
56) 1,1,2,2-Tetrachloroeth...	10.204	84	245550	46.357	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.720%		
66) 1,2-Dichlorobenzene-d4	11.612	152	206956	45.337	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.680%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	1972	0.760	ug/L	# 22
65) 1,4-Dichlorobenzene	11.262	146	3379	0.483	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	5306	1.089	ug/L	99
71) Naphthalene	13.493	128	66549	6.023	ug/L	98
72) 1,2,3-Trichlorobenzene	13.731	180	6902	1.447	ug/L	94

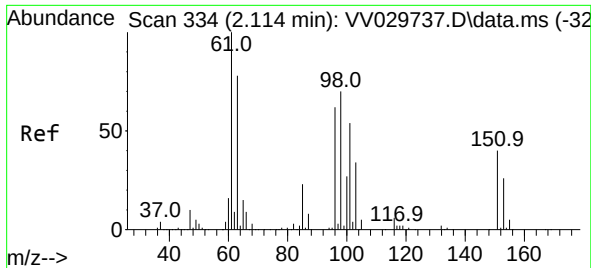
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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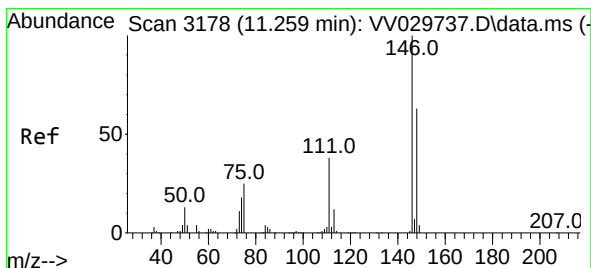
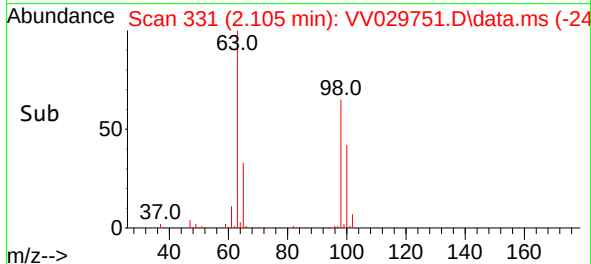
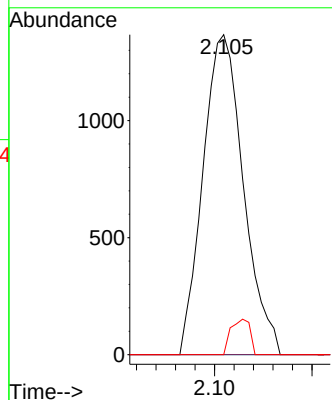
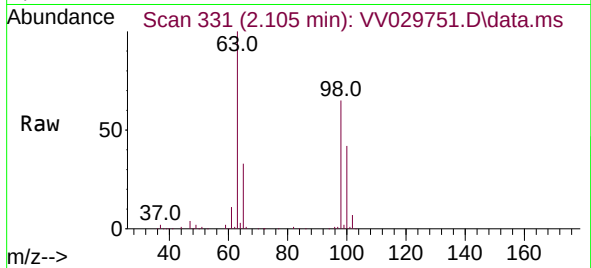




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.760 ug/L
RT: 2.105 min Scan# 311
Delta R.T. -0.010 min
Lab File: VV029751.D
Acq: 20 Dec 2022 15:14

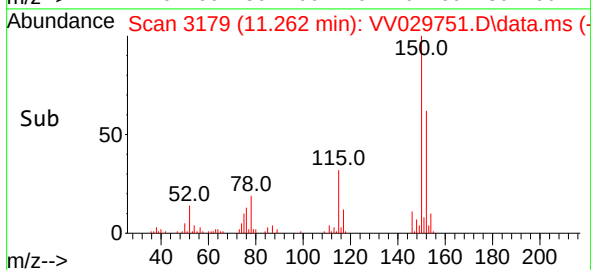
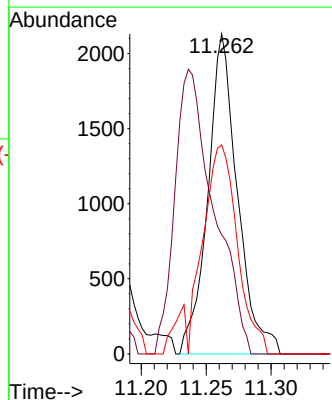
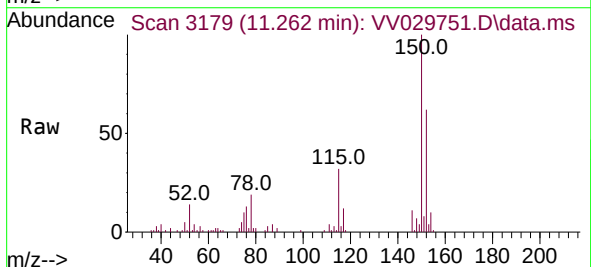
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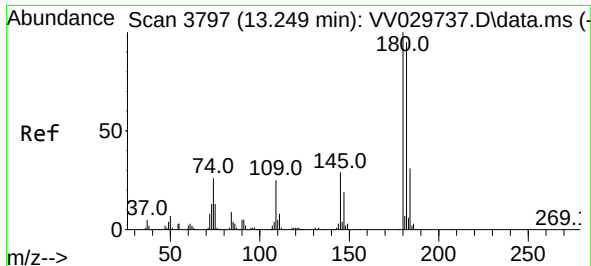
Tgt Ion:101 Resp: 1972
Ion Ratio Lower Upper
101 100
85 0.0 33.6 50.4#
151 5.2 63.5 95.3#



#65
1,4-Dichlorobenzene
Concen: 0.483 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. 0.003 min
Lab File: VV029751.D
Acq: 20 Dec 2022 15:14

Tgt Ion:146 Resp: 3379
Ion Ratio Lower Upper
146 100
111 37.2 26.2 48.8
148 65.4 44.7 83.1

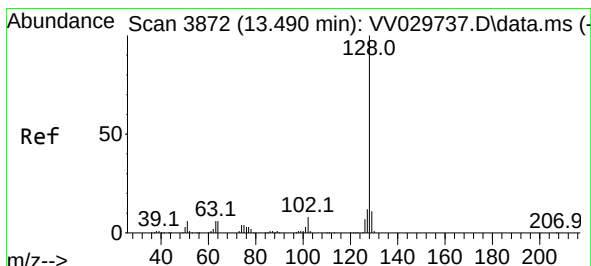
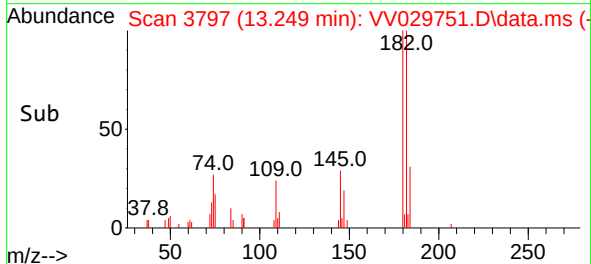
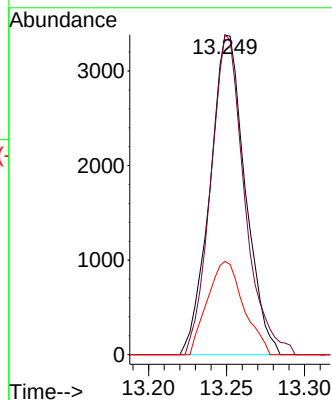
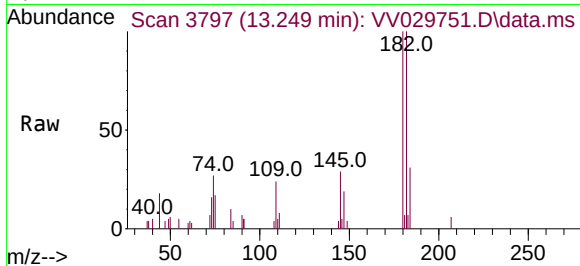




#70
1,2,4-trichlorobenzene
Concen: 1.089 ug/L
RT: 13.249 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV029751.D
Acq: 20 Dec 2022 15:14

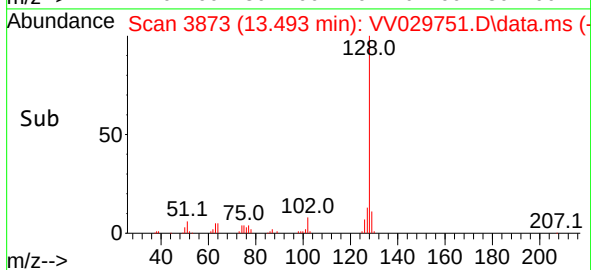
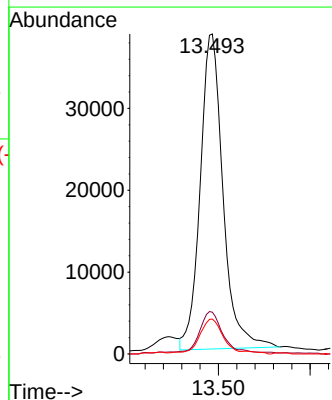
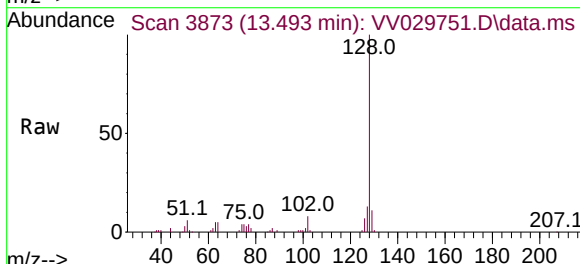
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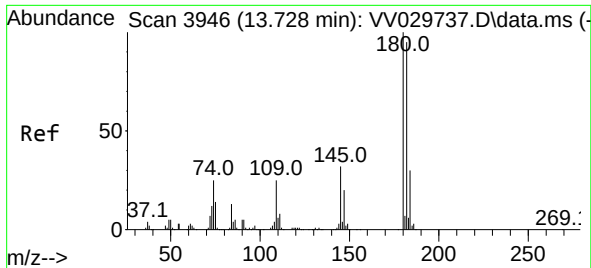
Tgt Ion:180	Resp:	5306
Ion Ratio	Lower	Upper
180	100	
182	96.1	76.3 114.5
145	30.0	23.7 35.5



#71
Naphthalene
Concen: 6.023 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. 0.003 min
Lab File: VV029751.D
Acq: 20 Dec 2022 15:14

Tgt Ion:128	Resp:	66549
Ion Ratio	Lower	Upper
128	100	
127	12.1	10.2 15.4
129	9.9	8.5 12.7





#72
 1,2,3-Trichlorobenzene
 Concen: 1.447 ug/L
 RT: 13.731 min Scan# 3947
 Delta R.T. 0.003 min
 Lab File: VV029751.D
 Acq: 20 Dec 2022 15:14

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Tgt Ion:	180	Resp:	6902
Ion	Ratio	Lower	Upper
180	100		
182	102.0	76.4	114.6
145	33.4	25.0	37.6

