

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121222\
 Data File : VW029591.D
 Acq On : 12 Dec 2022 13:31
 Operator : SY/MD
 Sample : VW1212WBL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK306

Quant Time: Dec 13 03:37:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 13 03:35:01 2022
 Response via : Initial Calibration

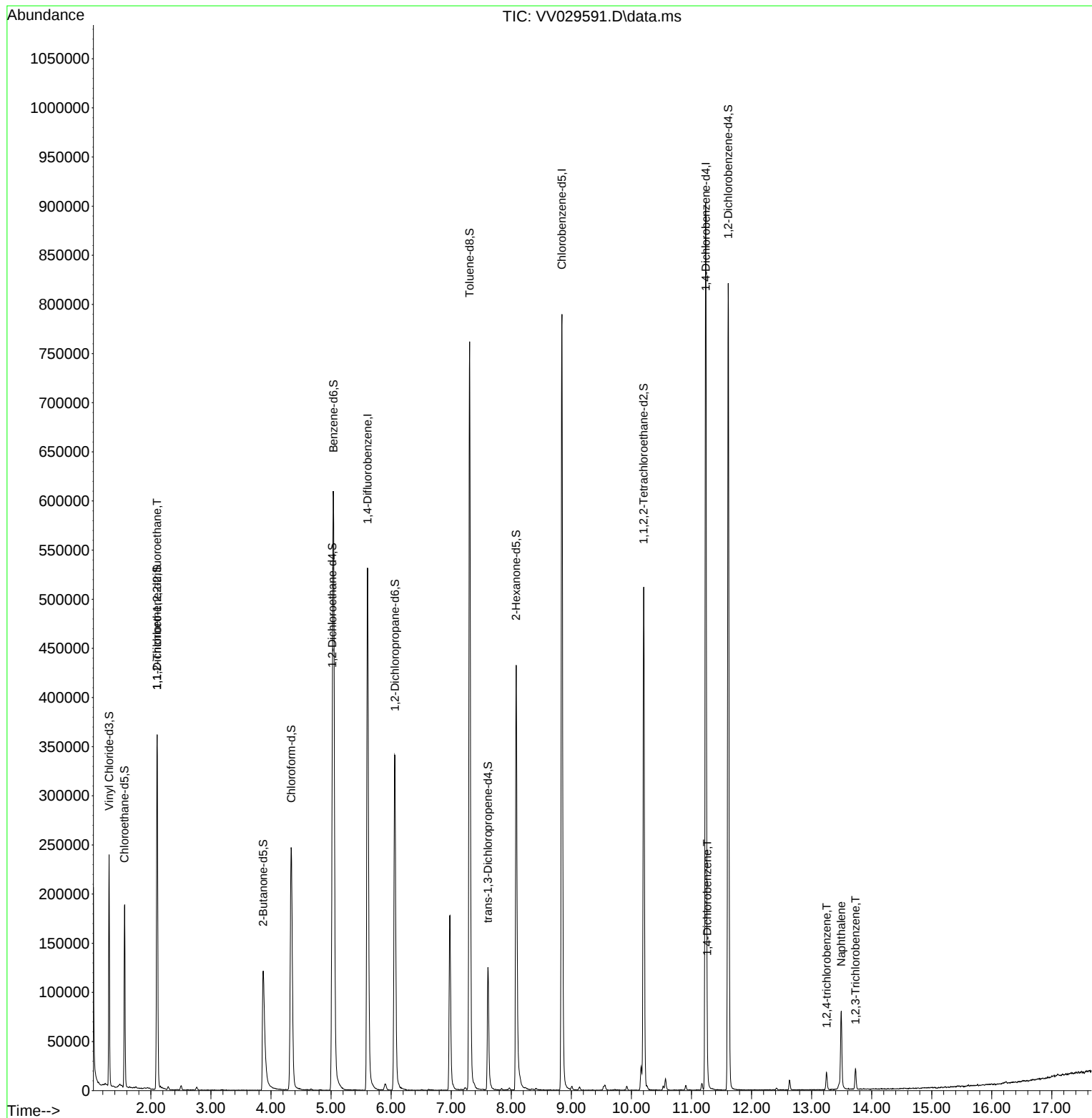
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	497626	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	461763	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	247225	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	144109	47.291	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	94.580%	
7) Chloroethane-d5	1.561	69	120508	51.862	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	103.720%	
11) 1,1-Dichloroethene-d2	2.105	63	184471	38.812	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	77.620%	
21) 2-Butanone-d5	3.870	46	194697	104.737	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	104.740%	
24) Chloroform-d	4.336	84	268352	46.797	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.600%	
26) 1,2-Dichloroethane-d4	5.021	65	164437	50.208	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	100.420%	
32) Benzene-d6	5.040	84	589639	48.326	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.660%	
36) 1,2-Dichloropropane-d6	6.063	67	181847	48.793	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	97.580%	
41) Toluene-d8	7.307	98	532268	46.299	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	92.600%	
43) trans-1,3-Dichloroprop...	7.612	79	78234	41.570	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	83.140%	
47) 2-Hexanone-d5	8.082	63	167268	105.101	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	105.100%	
56) 1,1,2,2-Tetrachloroeth...	10.204	84	254727	47.829	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	95.660%	
66) 1,2-Dichlorobenzene-d4	11.612	152	218834	46.499	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	93.000%	
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	2227	0.856	ug/L #	30
65) 1,4-Dichlorobenzene	11.262	146	4550	0.631	ug/L	90
70) 1,2,4-trichlorobenzene	13.249	180	5874	1.170	ug/L	99
71) Naphthalene	13.493	128	72181	6.336	ug/L	96
72) 1,2,3-Trichlorobenzene	13.731	180	6715	1.365	ug/L	99

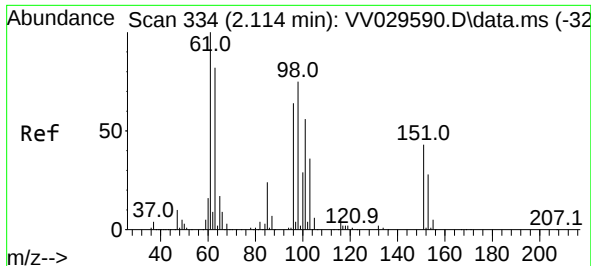
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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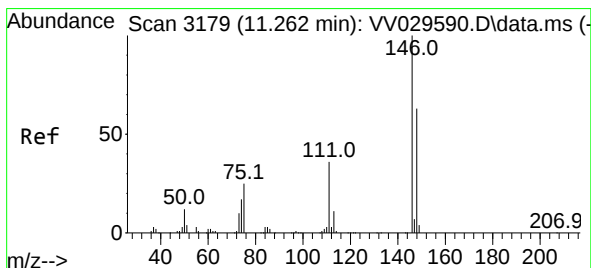
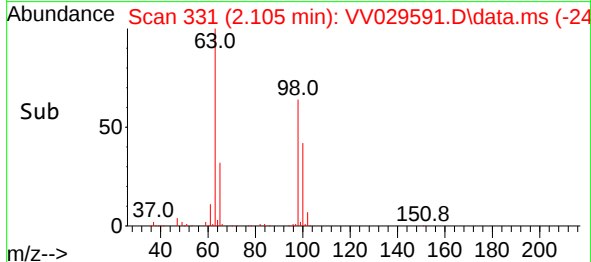
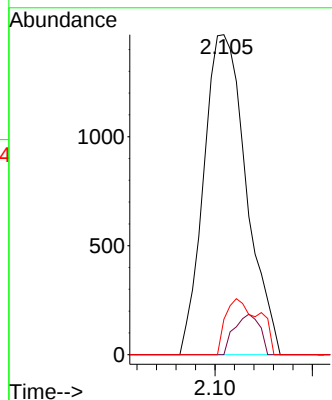
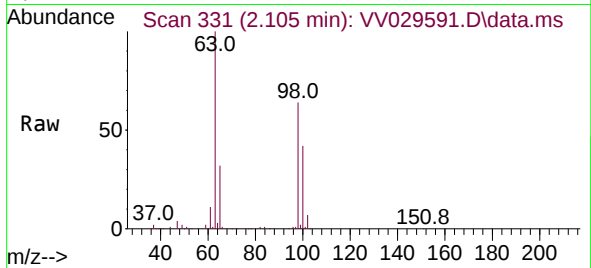




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.856 ug/L
RT: 2.105 min Scan# 311
Delta R.T. -0.010 min
Lab File: VV029591.D
Acq: 12 Dec 2022 13:31

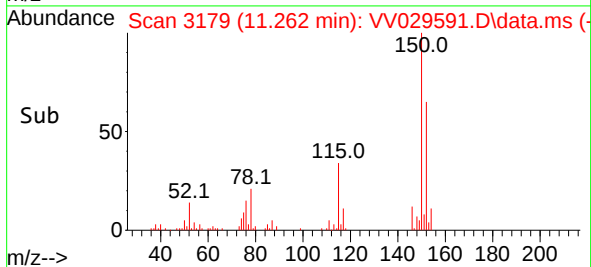
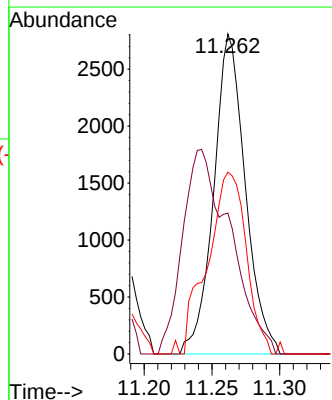
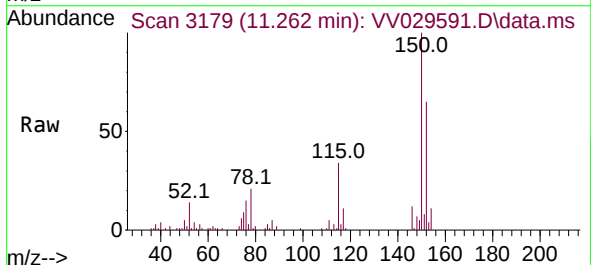
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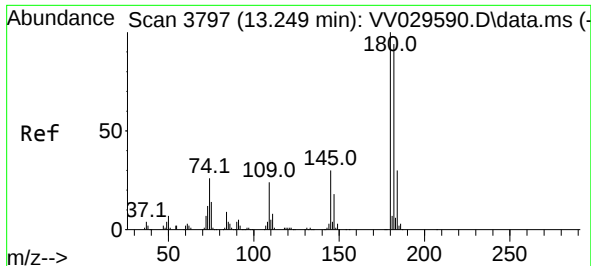
Tgt Ion:101 Resp: 2227
Ion Ratio Lower Upper
101 100
85 7.5 33.6 50.4#
151 10.7 63.5 95.3#



#65
1,4-Dichlorobenzene
Concen: 0.631 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. -0.000 min
Lab File: VV029591.D
Acq: 12 Dec 2022 13:31

Tgt Ion:146 Resp: 4550
Ion Ratio Lower Upper
146 100
111 44.0 26.2 48.8
148 56.8 44.7 83.1

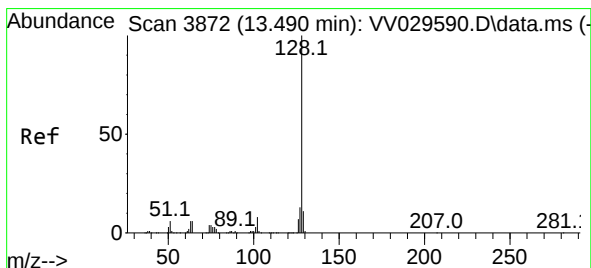
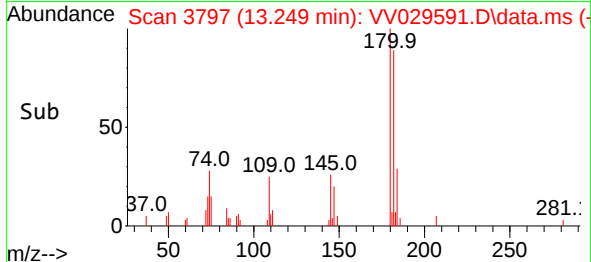
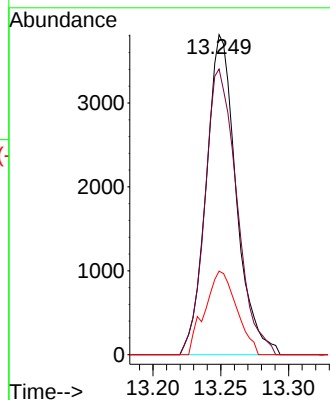
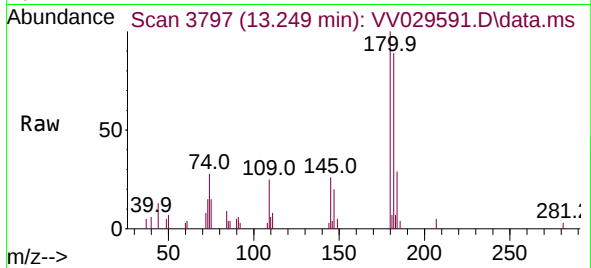




#70
1,2,4-trichlorobenzene
Concen: 1.170 ug/L
RT: 13.249 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV029591.D
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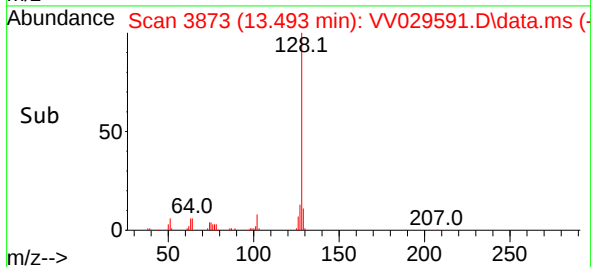
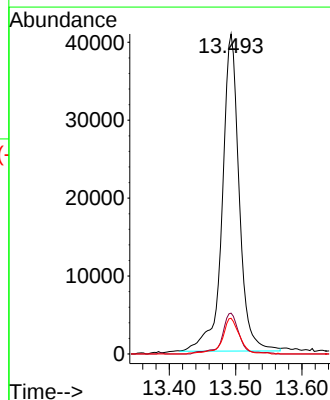
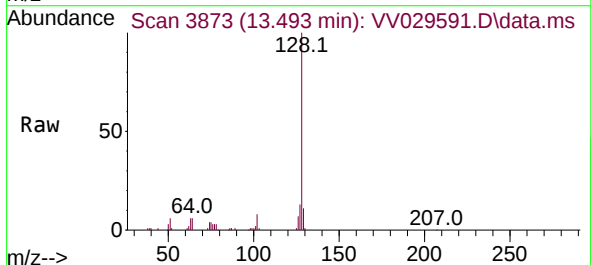
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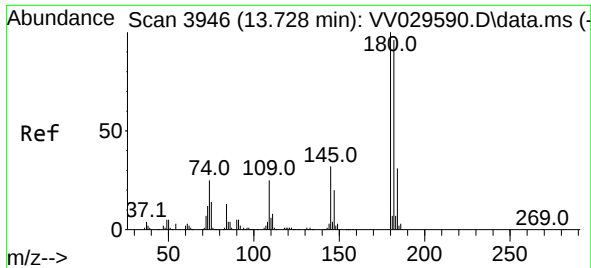
Tgt Ion:180 Resp: 5874
Ion Ratio Lower Upper
180 100
182 94.7 76.3 114.5
145 27.6 23.7 35.5



#71
Naphthalene
Concen: 6.336 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. 0.003 min
Lab File: VV029591.D
Acq: 12 Dec 2022 13:31

Tgt Ion:128 Resp: 72181
Ion Ratio Lower Upper
128 100
127 10.8 10.2 15.4
129 11.3 8.5 12.7





#72
 1,2,3-Trichlorobenzene
 Concen: 1.365 ug/L
 RT: 13.731 min Scan# 3947
 Delta R.T. 0.003 min
 Lab File: VV029591.D
 Acq: 12 Dec 2022 13:31

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK306

Tgt Ion:	180	Resp:	6715
Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.4	114.6
145	31.6	25.0	37.6

