

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121422\
 Data File : VW029687.D
 Acq On : 14 Dec 2022 13:56
 Operator : SY/MD
 Sample : VW1214WBL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK310

Quant Time: Dec 14 21:15:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 14 21:14:52 2022
 Response via : Initial Calibration

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

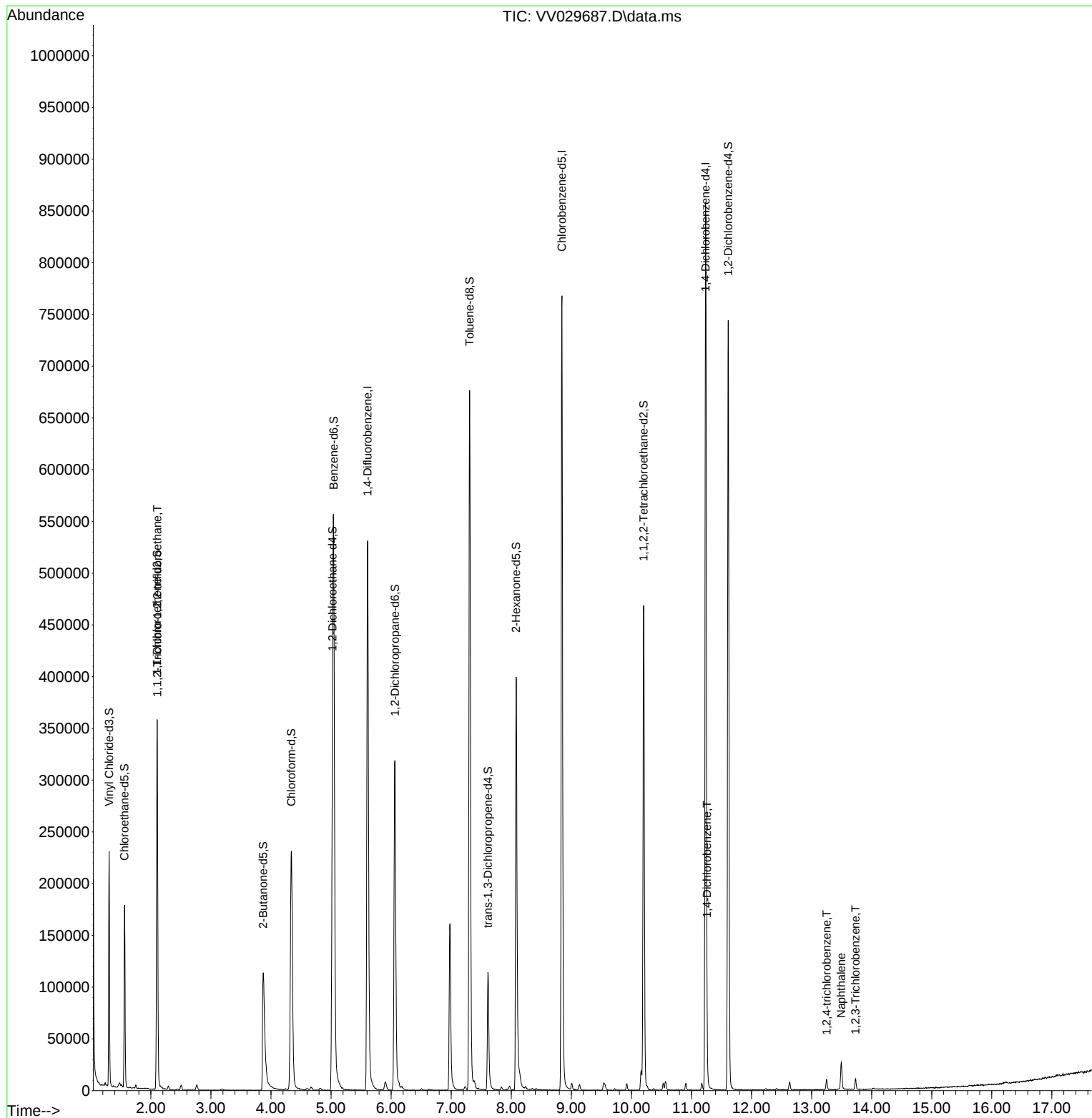
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	488350	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	447465	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	234734	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	143191	47.883	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.760%
7) Chloroethane-d5	1.561	69	114770	50.331	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.660%
11) 1,1-Dichloroethene-d2	2.105	63	180678	38.736	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.480%
21) 2-Butanone-d5	3.870	46	186680	102.332	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.330%
24) Chloroform-d	4.339	84	249093	44.264	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.520%
26) 1,2-Dichloroethane-d4	5.024	65	147108	45.770	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.540%
32) Benzene-d6	5.044	84	535674	45.306	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.620%
36) 1,2-Dichloropropane-d6	6.063	67	167244	46.308	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.620%
41) Toluene-d8	7.307	98	475050	42.642	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.280%
43) trans-1,3-Dichloroprop...	7.613	79	70336	38.568	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.140%
47) 2-Hexanone-d5	8.082	63	151810	98.436	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.440%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	235094	45.553	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.100%
66) 1,2-Dichlorobenzene-d4	11.612	152	198394	44.399	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	2815	1.103	ug/L #	22
65) 1,4-Dichlorobenzene	11.259	146	3985	0.582	ug/L	93
70) 1,2,4-trichlorobenzene	13.249	180	3549	0.744	ug/L	96
71) Naphthalene	13.493	128	24188	2.236	ug/L	98
72) 1,2,3-Trichlorobenzene	13.731	180	3673	0.786	ug/L	98

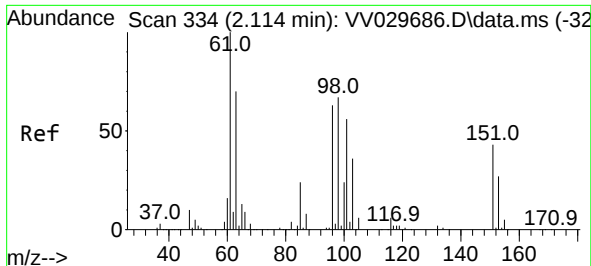
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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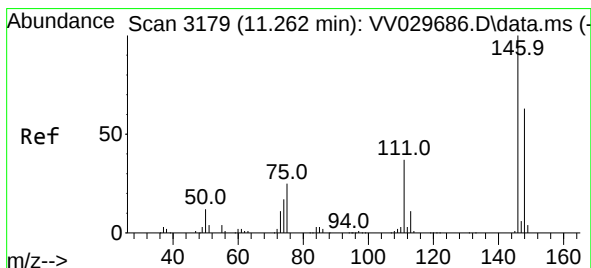
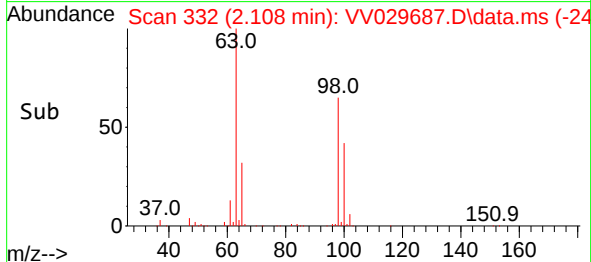
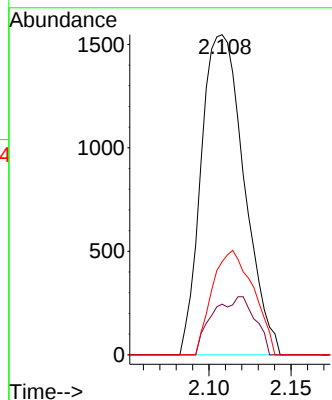
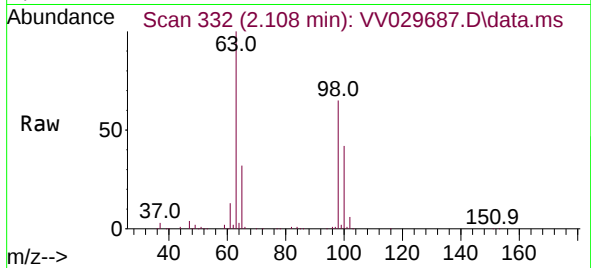




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.103 ug/L
 RT: 2.108 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VV029687.D
 Acq: 14 Dec 2022 13:56

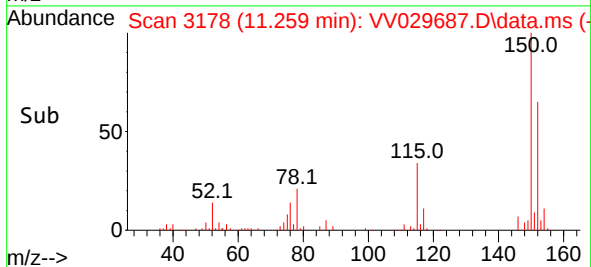
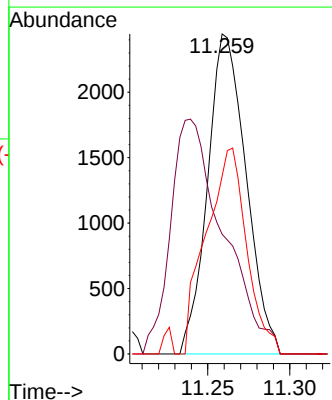
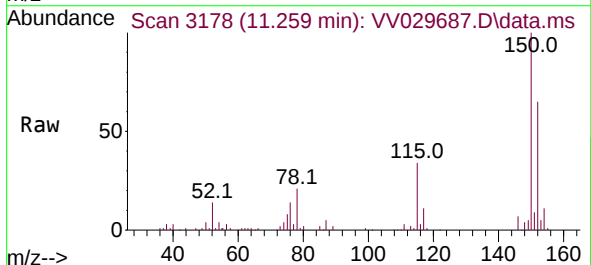
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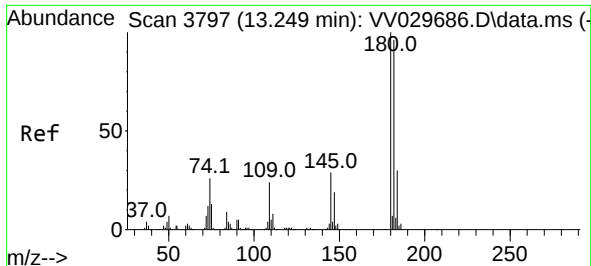
Tgt Ion:101 Resp: 2815
 Ion Ratio Lower Upper
 101 100
 85 7.9 33.6 50.4#
 151 0.0 63.5 95.3#



#65
 1,4-Dichlorobenzene
 Concen: 0.582 ug/L
 RT: 11.259 min Scan# 3178
 Delta R.T. -0.003 min
 Lab File: VV029687.D
 Acq: 14 Dec 2022 13:56

Tgt Ion:146 Resp: 3985
 Ion Ratio Lower Upper
 146 100
 111 37.4 26.2 48.8
 148 55.5 44.7 83.1

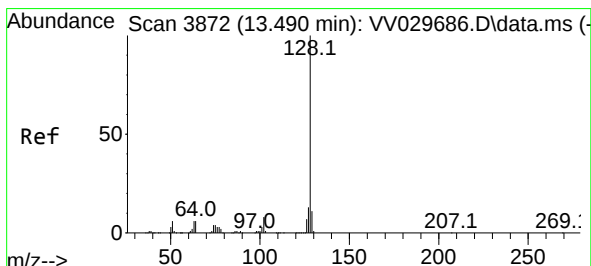
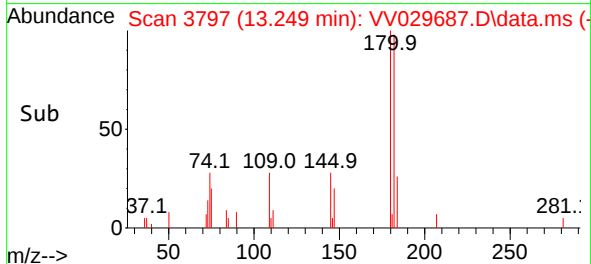
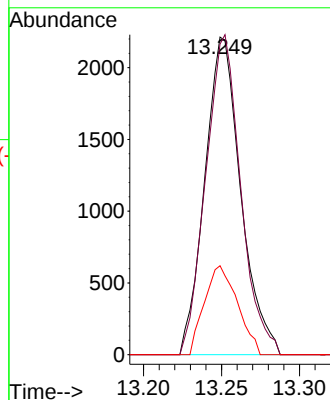
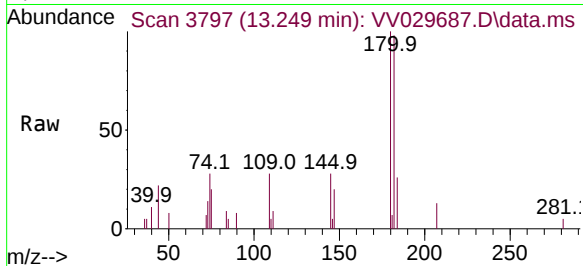




#70
1,2,4-trichlorobenzene
Concen: 0.744 ug/L
RT: 13.249 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV029687.D
Acq: 14 Dec 2022 13:56

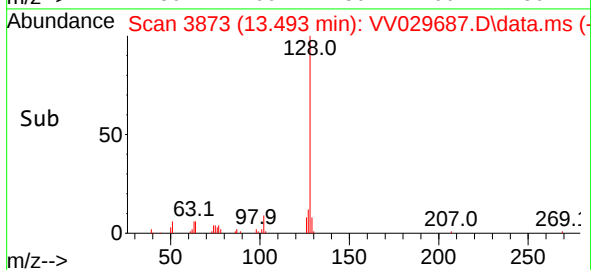
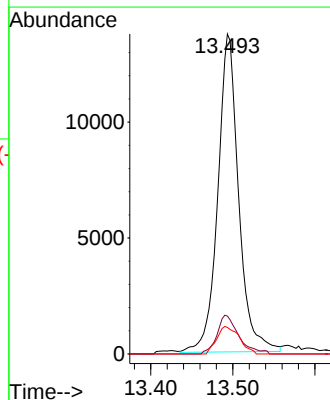
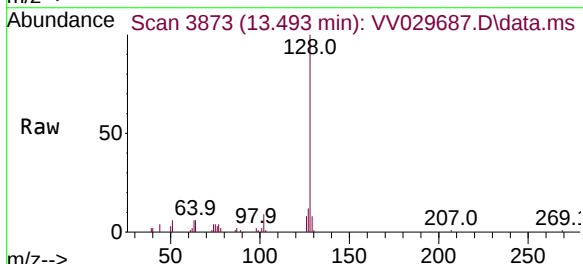
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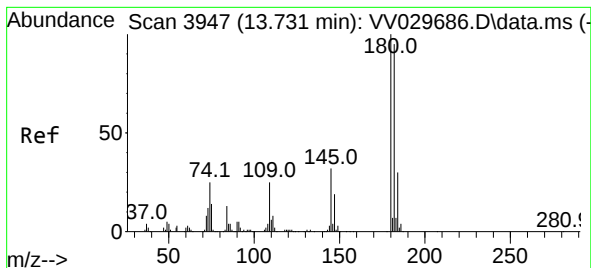
Tgt Ion:180	Resp:	3549
Ion Ratio	Lower	Upper
180	100	
182	97.9	76.3 114.5
145	25.7	23.7 35.5



#71
Naphthalene
Concen: 2.236 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. 0.003 min
Lab File: VV029687.D
Acq: 14 Dec 2022 13:56

Tgt Ion:128	Resp:	24188
Ion Ratio	Lower	Upper
128	100	
127	12.4	10.2 15.4
129	9.3	8.5 12.7





#72

1,2,3-Trichlorobenzene

Concen: 0.786 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. 0.000 min

Lab File: VV029687.D

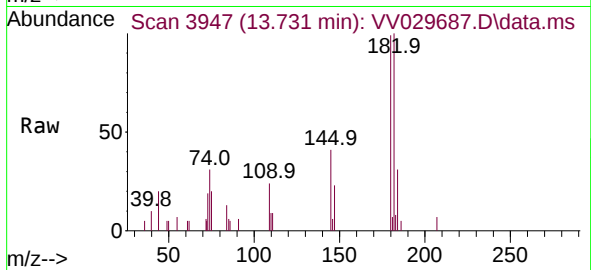
Acq: 14 Dec 2022 13:56

Instrument :

MSVOA_V

ClientSampleId :

VBLK310



Tgt Ion:180 Resp: 3673

Ion Ratio Lower Upper

180 100

182 97.3 76.4 114.6

145 30.6 25.0 37.6

