

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112322\
 Data File : VW029311.D
 Acq On : 23 Nov 2022 22:17
 Operator : SY/MD
 Sample : N5651-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1LO

Quant Time: Nov 24 01:52:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 01:40:30 2022
 Response via : Initial Calibration

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

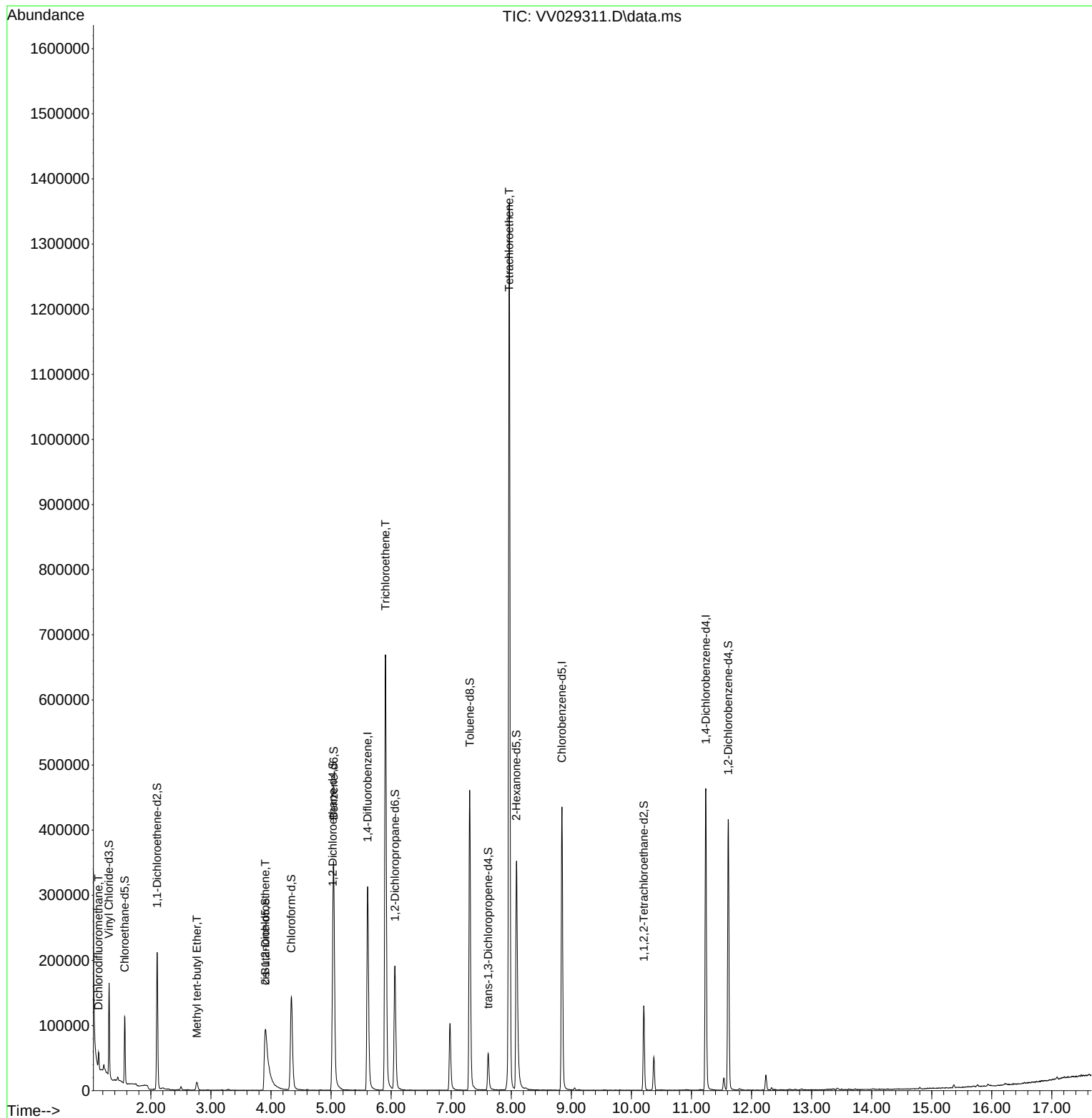
Internal Standards							
1) 1,4-Difluorobenzene		5.609	114	290717	5.000	ug/L	0.00
28) Chlorobenzene-d5		8.844	117	257836	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.239	152	126361	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.304	65	89481	5.002	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.000%	
7) Chloroethane-d5		1.565	69	67307	5.139	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.800%	
11) 1,1-Dichloroethene-d2		2.105	63	106659	3.725	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.600%	
20) 2-Butanone-d5		3.905	46	154804	51.724	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.440%	
24) Chloroform-d		4.339	84	155272	4.862	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%	
26) 1,2-Dichloroethane-d4		5.027	65	72513	5.161	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%	
32) Benzene-d6		5.043	84	347539	4.877	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%	
36) 1,2-Dichloropropane-d6		6.063	67	100975	5.043	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%	
41) Toluene-d8		7.310	98	323090	4.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%	
43) trans-1,3-Dichloroprop...		7.616	79	36915	4.782	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%	
46) 2-Hexanone-d5		8.085	63	136074	49.448	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.900%	
56) 1,1,2,2-Tetrachloroeth...		10.207	84	63192	5.114	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%	
66) 1,2-Dichlorobenzene-d4		11.612	152	114168	5.172	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%	
Target Compounds							
2) Dichlorodifluoromethane		1.127	85	5418	0.250	ug/L	98
17) Methyl tert-butyl Ether		2.767	73	14219	0.372	ug/L	98
22) cis-1,2-Dichloroethene		3.905	96	18007	0.918	ug/L	97
34) Trichloroethene		5.905	95	240786	12.240	ug/L	97
47) Tetrachloroethene		7.966	164	317774	19.706	ug/L	98

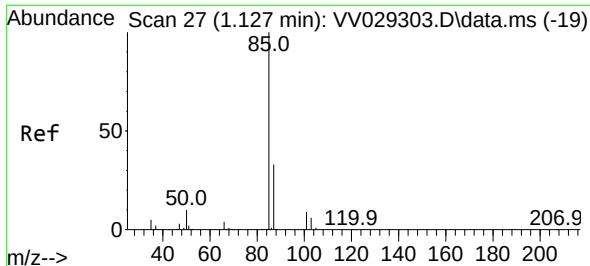
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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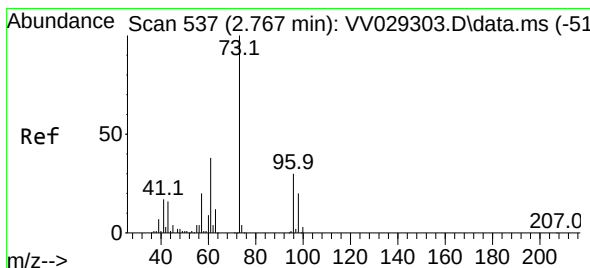
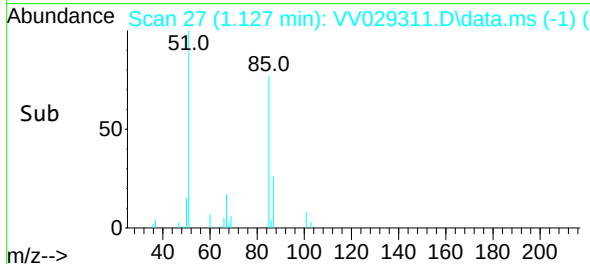
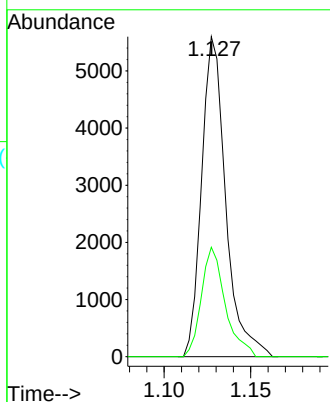
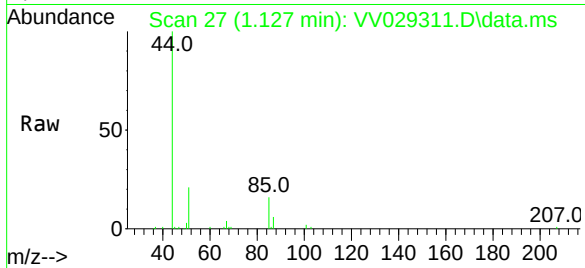




#2
 Dichlorodifluoromethane
 Concen: 0.250 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV029311.D
 Acq: 23 Nov 2022 22:17

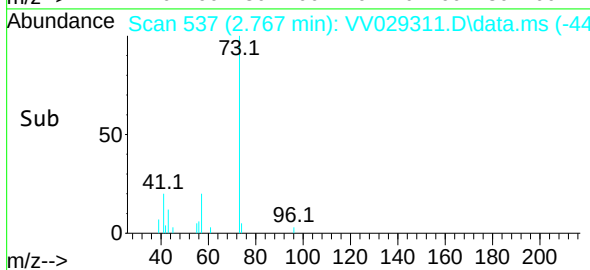
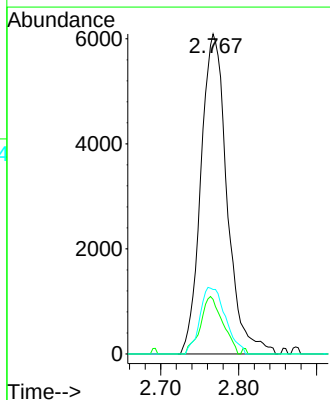
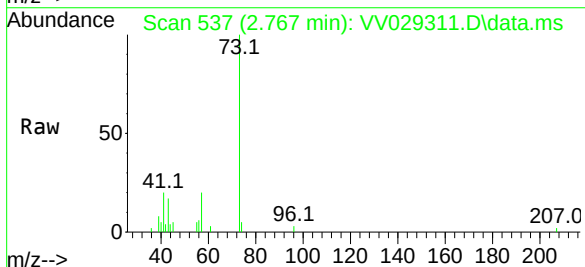
Instrument :
 MSVOA_V
 ClientSampleId :
 BH1LO

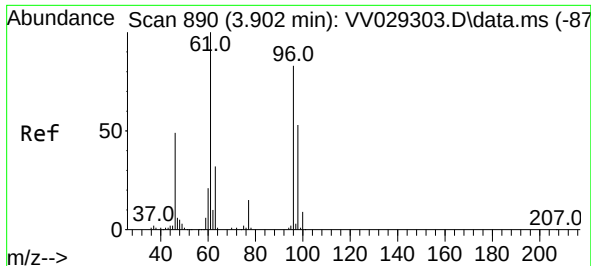
Tgt Ion: 85 Resp: 5418
 Ion Ratio Lower Upper
 85 100
 87 33.8 26.2 39.4



#17
 Methyl tert-butyl Ether
 Concen: 0.372 ug/L
 RT: 2.767 min Scan# 537
 Delta R.T. 0.000 min
 Lab File: VV029311.D
 Acq: 23 Nov 2022 22:17

Tgt Ion: 73 Resp: 14219
 Ion Ratio Lower Upper
 73 100
 43 15.1 13.2 19.8
 57 20.2 16.9 25.3

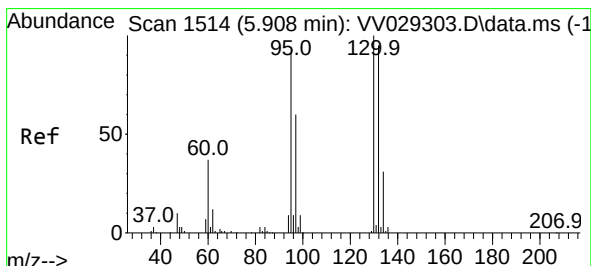
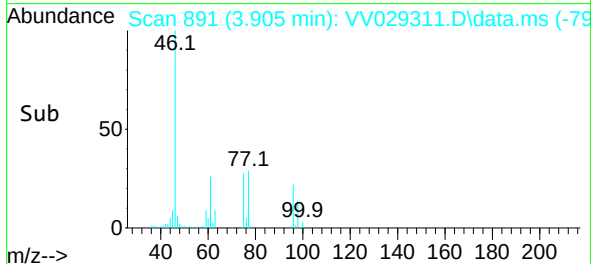
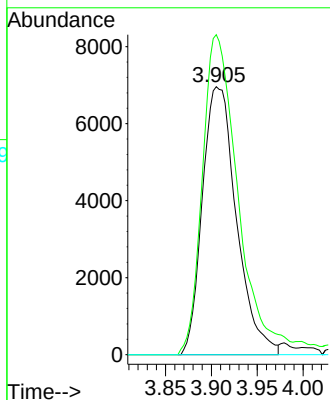
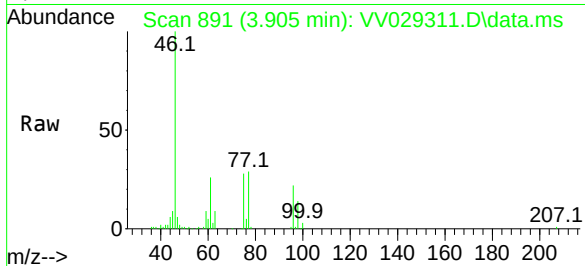




#22
 cis-1,2-Dichloroethene
 Concen: 0.918 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.003 min
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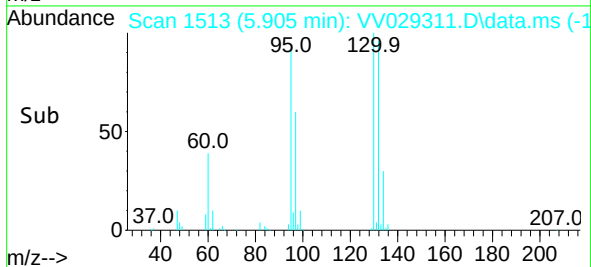
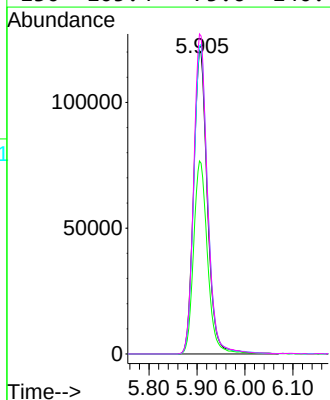
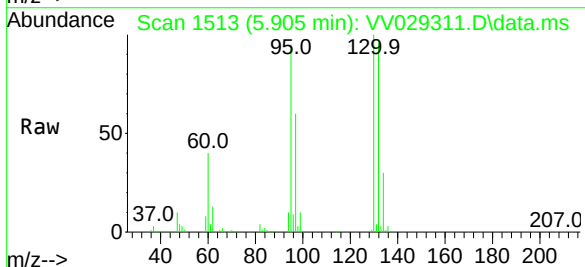
Instrument :
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 BH1L0

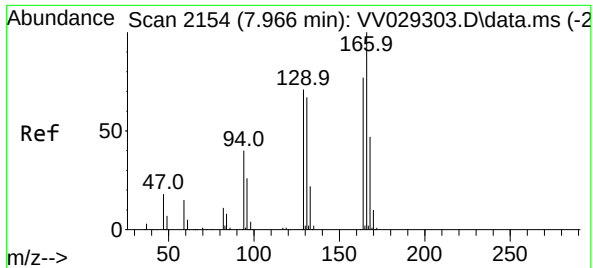
Tgt Ion: 96 Resp: 18007
 Ion Ratio Lower Upper
 96 100
 61 119.4 85.8 159.3
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 12.240 ug/L
 RT: 5.905 min Scan# 1513
 Delta R.T. -0.003 min
 Lab File: VV029311.D
 Acq: 23 Nov 2022 22:17

Tgt Ion: 95 Resp: 240786
 Ion Ratio Lower Upper
 95 100
 97 63.6 45.4 84.4
 132 101.5 73.3 136.1
 130 105.4 75.6 140.4





#47
 Tetrachloroethene
 Concen: 19.706 ug/L
 RT: 7.966 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV029311.D
 Acq: 23 Nov 2022 22:17

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1L0

Tgt Ion:164 Resp: 317774

Ion	Ratio	Lower	Upper
164	100		
129	91.9	61.7	114.7
131	88.0	62.9	116.9
166	125.7	88.5	164.3

