

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112222\
 Data File : VW029292.D
 Acq On : 23 Nov 2022 03:29
 Operator : SY/MD
 Sample : N5652-14DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

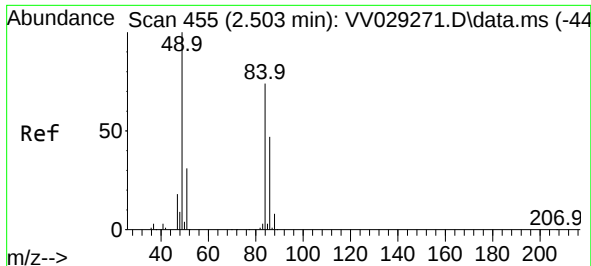
Instrument :
 MSVOA_V
 ClientSampleId :
 BH1M3DL

Quant Time: Nov 23 04:49:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 23 01:46:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	276931	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	246841	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	115915	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	82327	3.117	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.400%
7) Chloroethane-d5	1.564	69	76047	3.678	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.600%
11) 1,1-Dichloroethene-d2	2.104	63	105939	2.354	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.000%#
20) 2-Butanone-d5	3.902	46	221045	56.688	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.380%
24) Chloroform-d	4.339	84	150041	4.005	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
26) 1,2-Dichloroethane-d4	5.027	65	77504	4.374	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	5.043	84	299523	3.722	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.400%
36) 1,2-Dichloropropane-d6	6.063	67	107192	4.216	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.400%
41) Toluene-d8	7.310	98	244760	3.375	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.600%#
43) trans-1,3-Dichloroprop...	7.616	79	31346	3.702	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.000%
46) 2-Hexanone-d5	8.088	63	95115	62.668	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.340%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	63679	5.037	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	11.615	152	88394	3.953	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.000%#
Target Compounds						
					Qvalue	
16) Methylene chloride	2.503	84	17380	0.540	ug/L	96
18) trans-1,2-Dichloroethene	2.757	96	8007	0.386	ug/L	100
22) cis-1,2-Dichloroethene	3.902	96	20037	0.884	ug/L	97
34) Trichloroethene	5.905	95	168622	7.129	ug/L	98
47) Tetrachloroethene	7.969	164	6799	0.438	ug/L	93

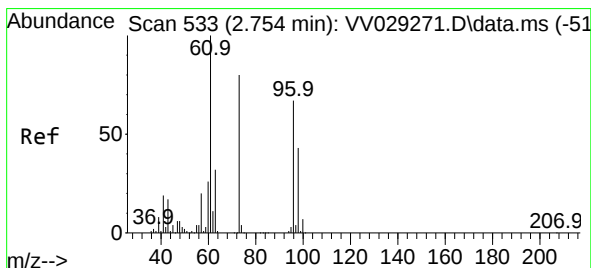
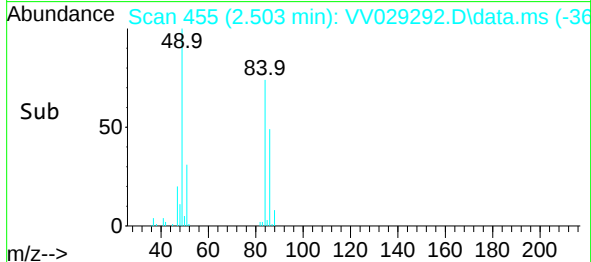
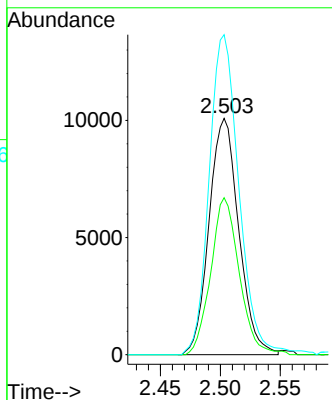
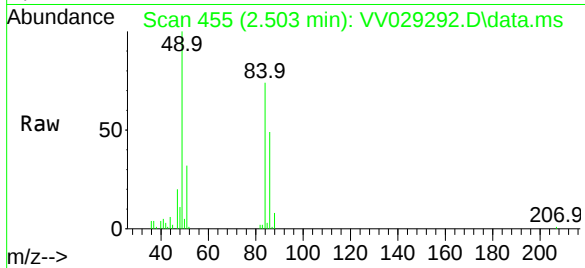
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#16
Methylene chloride
Concen: 0.540 ug/L
RT: 2.503 min Scan# 41
Delta R.T. -0.000 min
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Acq: 23 Nov 2022 03:29

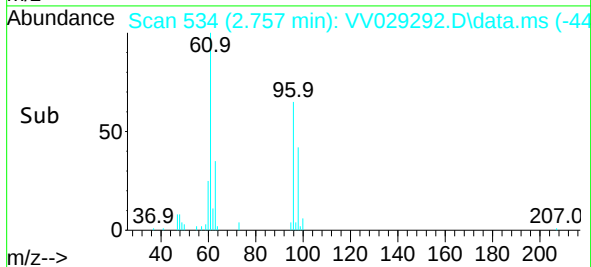
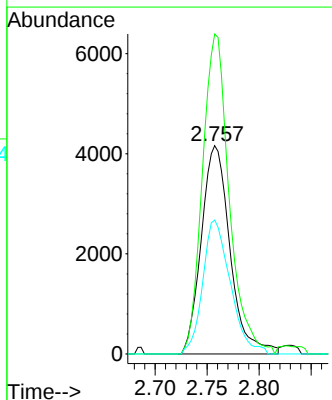
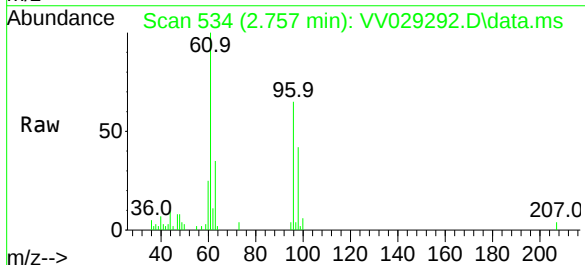
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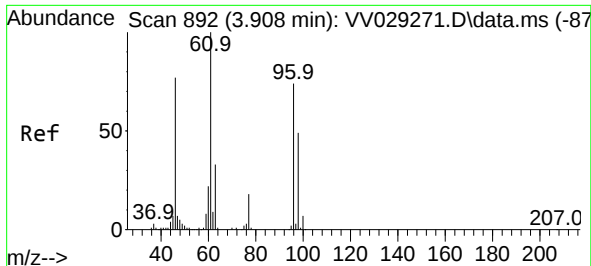
Tgt Ion: 84 Resp: 17380
Ion Ratio Lower Upper
84 100
86 66.4 44.2 82.2
49 135.4 91.9 170.7



#18
trans-1,2-Dichloroethene
Concen: 0.386 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV029292.D
Acq: 23 Nov 2022 03:29

Tgt Ion: 96 Resp: 8007
Ion Ratio Lower Upper
96 100
61 153.7 107.6 199.8
98 64.3 44.3 82.3

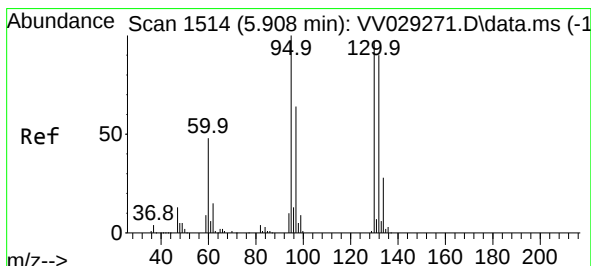
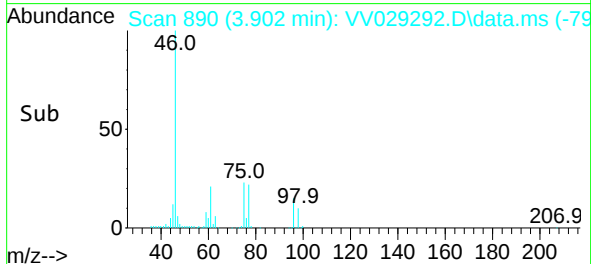
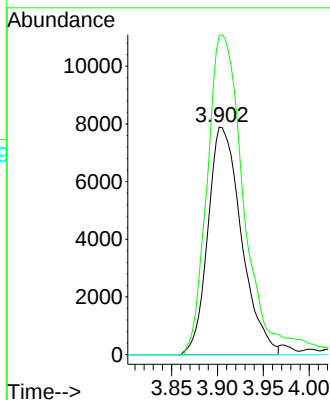
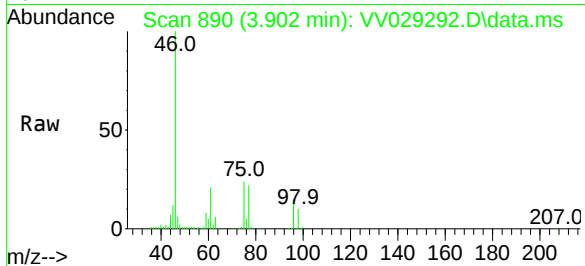




#22
cis-1,2-Dichloroethene
Concen: 0.884 ug/L
RT: 3.902 min Scan# 891
Delta R.T. -0.007 min
Lab File: VV029292.D
Acq: 23 Nov 2022 03:29

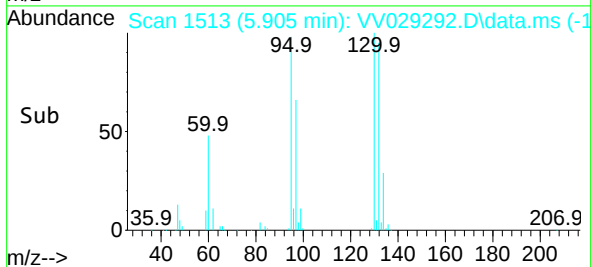
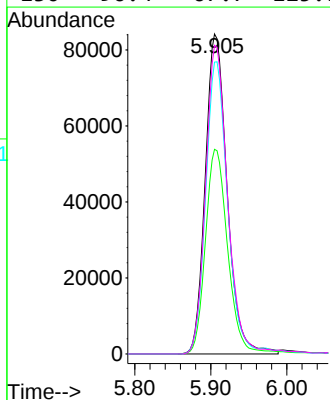
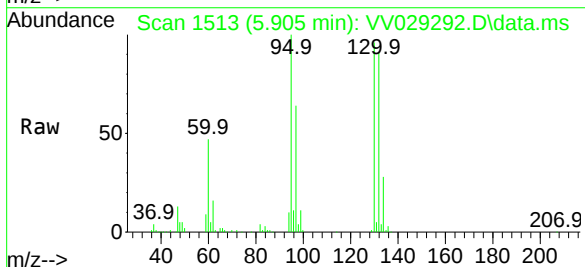
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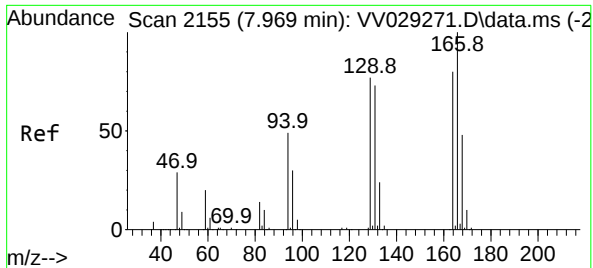
Tgt Ion: 96 Resp: 20037
Ion Ratio Lower Upper
96 100
61 140.0 95.8 178.0
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 7.129 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. -0.003 min
Lab File: VV029292.D
Acq: 23 Nov 2022 03:29

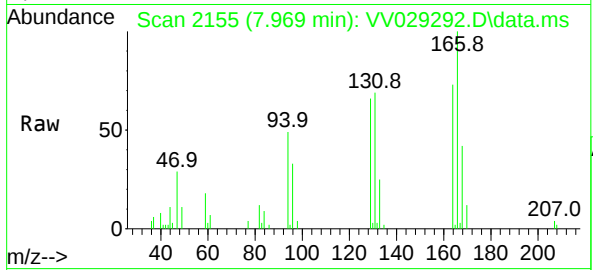
Tgt Ion: 95 Resp: 168622
Ion Ratio Lower Upper
95 100
97 64.0 46.7 86.7
132 91.2 65.7 122.1
130 96.4 67.7 125.7





#47
Tetrachloroethene
Concen: 0.438 ug/L
RT: 7.969 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029292.D
Acq: 23 Nov 2022 03:29

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Tgt Ion:	164	Resp:	6799
Ion	Ratio	Lower	Upper
164	100		
129	90.0	68.3	126.8
131	94.1	65.2	121.0
166	137.0	88.1	163.7

