

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101822\
 Data File : VV028609.D
 Acq On : 18 Oct 2022 12:44
 Operator : SY/MD
 Sample : N5163-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BD713

Quant Time: Oct 19 00:37:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 19 00:35:12 2022
 Response via : Initial Calibration

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

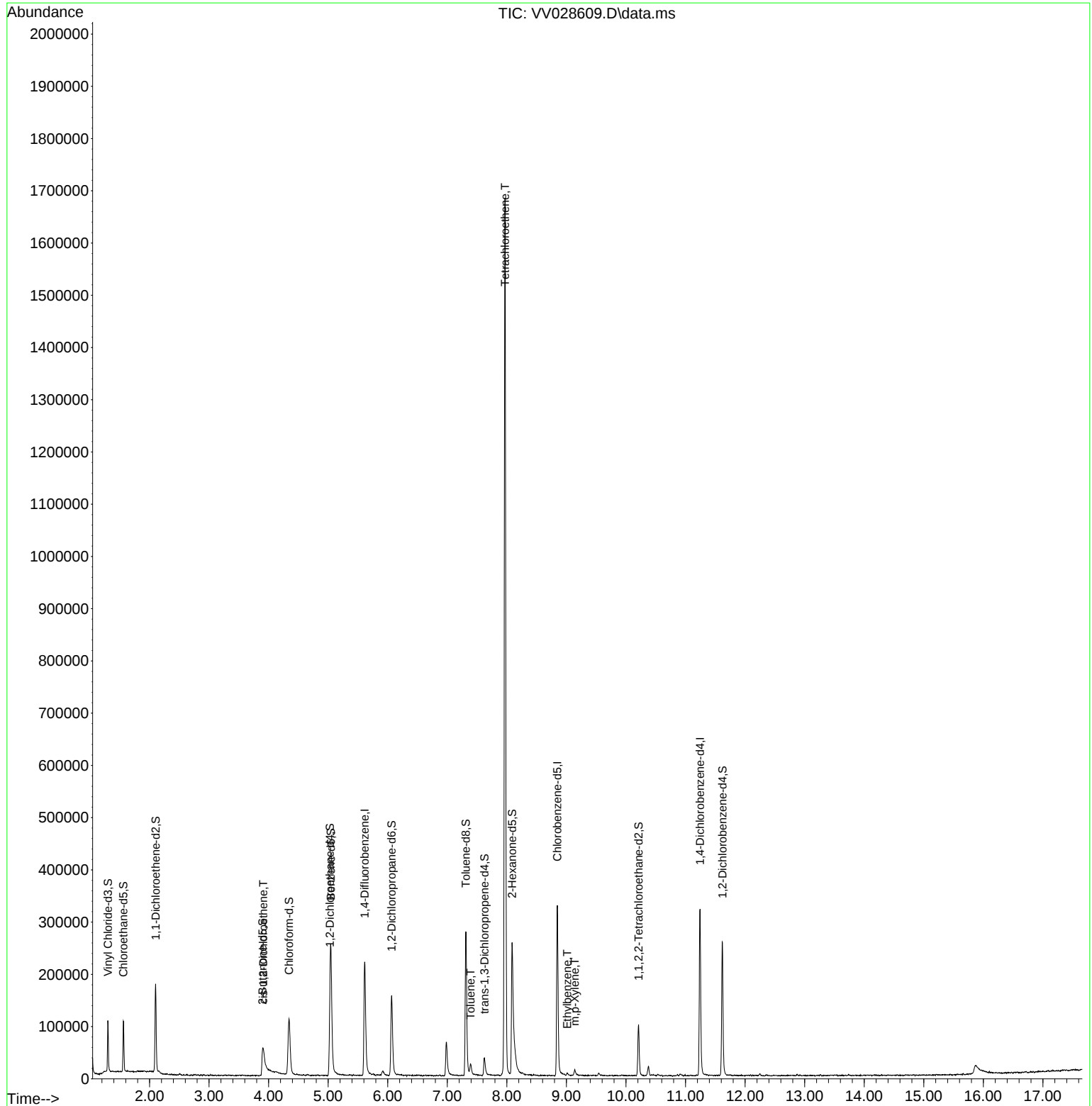
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	182451	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	171564	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	79142	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	62820	4.001	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.000%
7) Chloroethane-d5	1.561	69	60369	4.677	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.101	63	92799	3.263	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.200%
20) 2-Butanone-d5	3.899	46	103552	30.676	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	61.360%
24) Chloroform-d	4.342	84	111381	4.632	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.027	65	57225	4.566	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.043	84	224841	4.059	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
36) 1,2-Dichloropropane-d6	6.066	67	75343	4.215	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.200%
41) Toluene-d8	7.310	98	182817	4.165	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	7.622	79	21336	3.533	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.600%
46) 2-Hexanone-d5	8.088	63	113085	43.384	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.760%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	47887	4.498	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	11.619	152	60890	4.663	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						
					Qvalue	
22) cis-1,2-Dichloroethene	3.908	96	6739	0.504	ug/L	# 94
42) Toluene	7.390	91	16391	0.288	ug/L	99
47) Tetrachloroethene	7.969	164	336942	35.753	ug/L	100
52) Ethylbenzene	9.011	91	2854	0.045	ug/L	95
53) m,p-Xylene	9.140	106	3143	0.133	ug/L	94

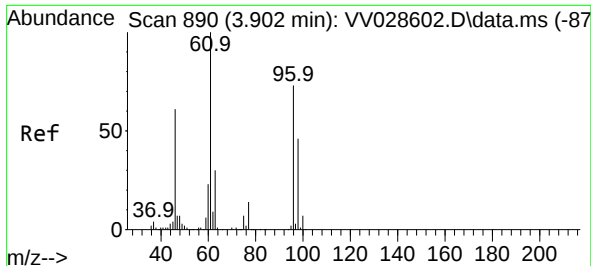
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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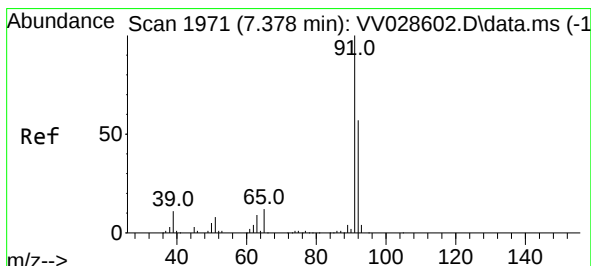
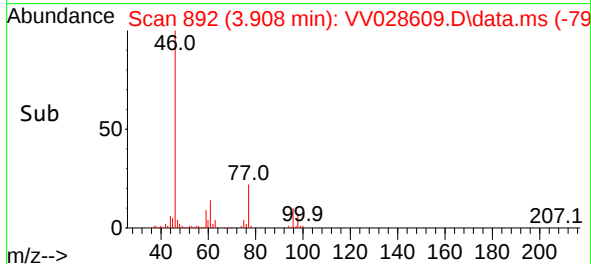
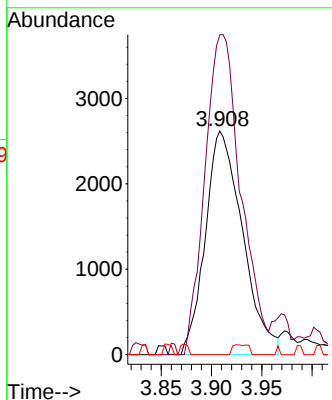
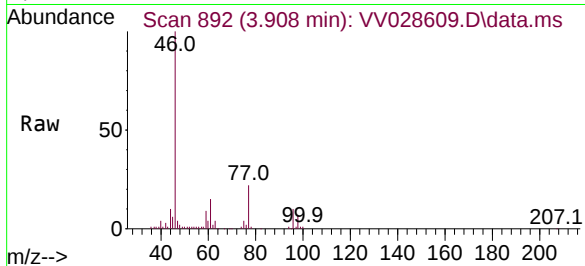




#22
 cis-1,2-Dichloroethene
 Concen: 0.504 ug/L
 RT: 3.908 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV028609.D
 Acq: 18 Oct 2022 12:44

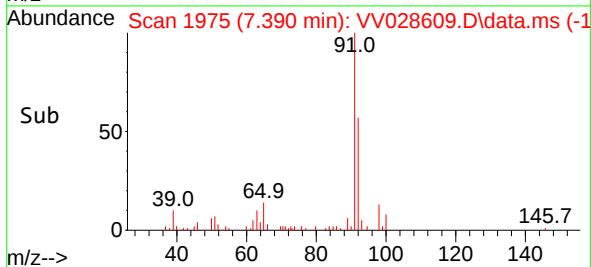
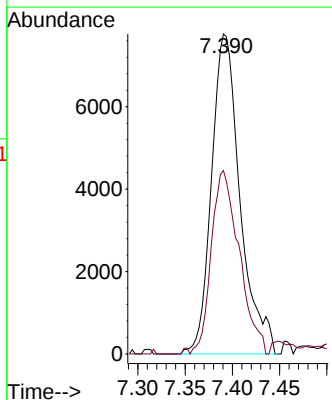
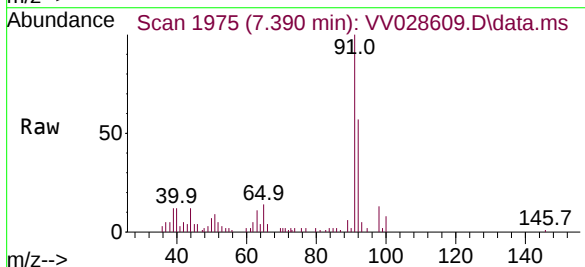
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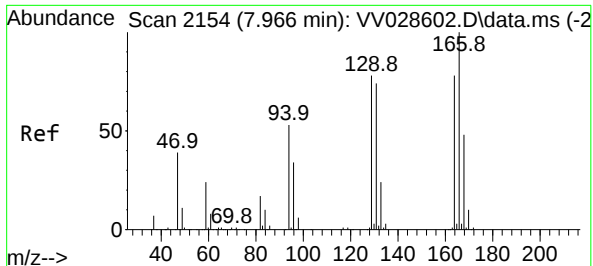
Tgt Ion: 96 Resp: 6739
 Ion Ratio Lower Upper
 96 100
 61 143.0 105.1 195.3
 68 0.0 0.5 0.9#



#42
 Toluene
 Concen: 0.288 ug/L
 RT: 7.390 min Scan# 1975
 Delta R.T. 0.013 min
 Lab File: VV028609.D
 Acq: 18 Oct 2022 12:44

Tgt Ion: 91 Resp: 16391
 Ion Ratio Lower Upper
 91 100
 92 57.3 40.7 75.5

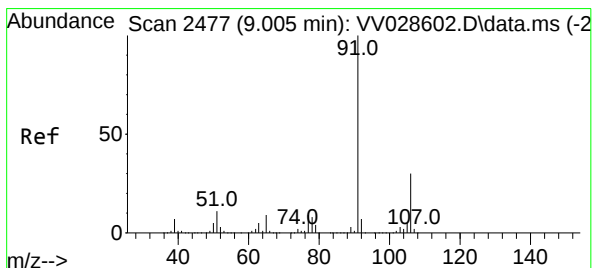
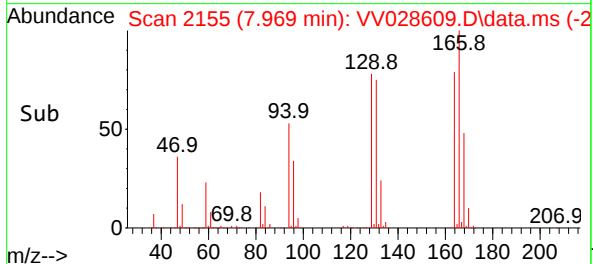
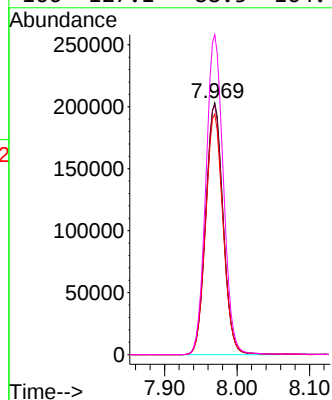
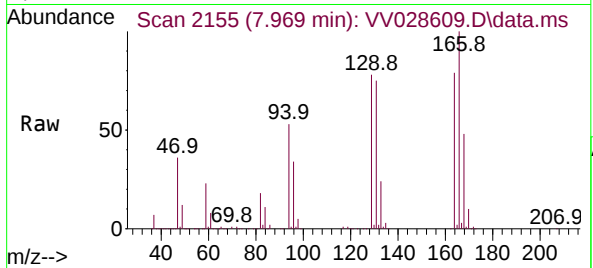




#47
Tetrachloroethene
Concen: 35.753 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.003 min
Lab File: VV028609.D
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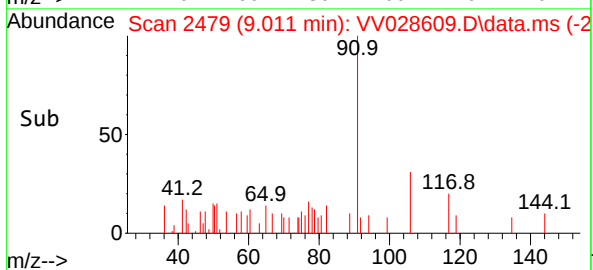
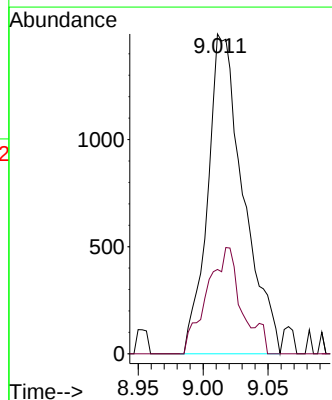
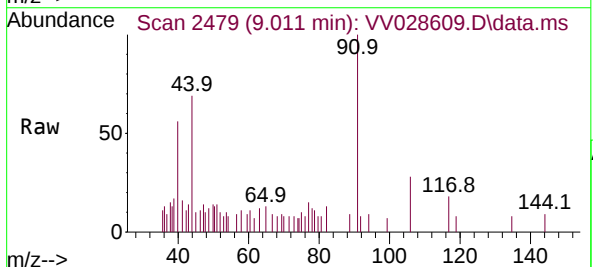
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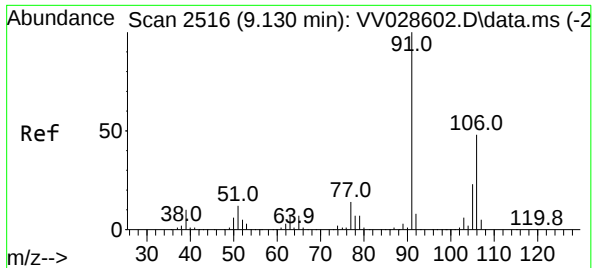
Tgt Ion:164 Resp: 336942
Ion Ratio Lower Upper
164 100
129 99.1 69.3 128.7
131 95.5 67.3 125.1
166 127.1 88.5 164.4



#52
Ethylbenzene
Concen: 0.045 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.006 min
Lab File: VV028609.D
Acq: 18 Oct 2022 12:44

Tgt Ion: 91 Resp: 2854
Ion Ratio Lower Upper
91 100
106 26.4 20.3 37.7





#53
 m,p-Xylene
 Concen: 0.133 ug/L
 RT: 9.140 min Scan# 21
 Delta R.T. 0.010 min
 Lab File: VV028609.D
 Acq: 18 Oct 2022 12:44

Instrument :
 MSVOA_V
 ClientSampleId :
 BD713

Tgt Ion:106 Resp: 3143
 Ion Ratio Lower Upper
 106 100
 91 219.7 146.9 272.9

