

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040523\
 Data File : VW030397.D
 Acq On : 05 Apr 2023 13:42
 Operator : SY/MD
 Sample : 02194-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDT9

Quant Time: Apr 06 05:26:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 31 05:37:21 2023
 Response via : Initial Calibration

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

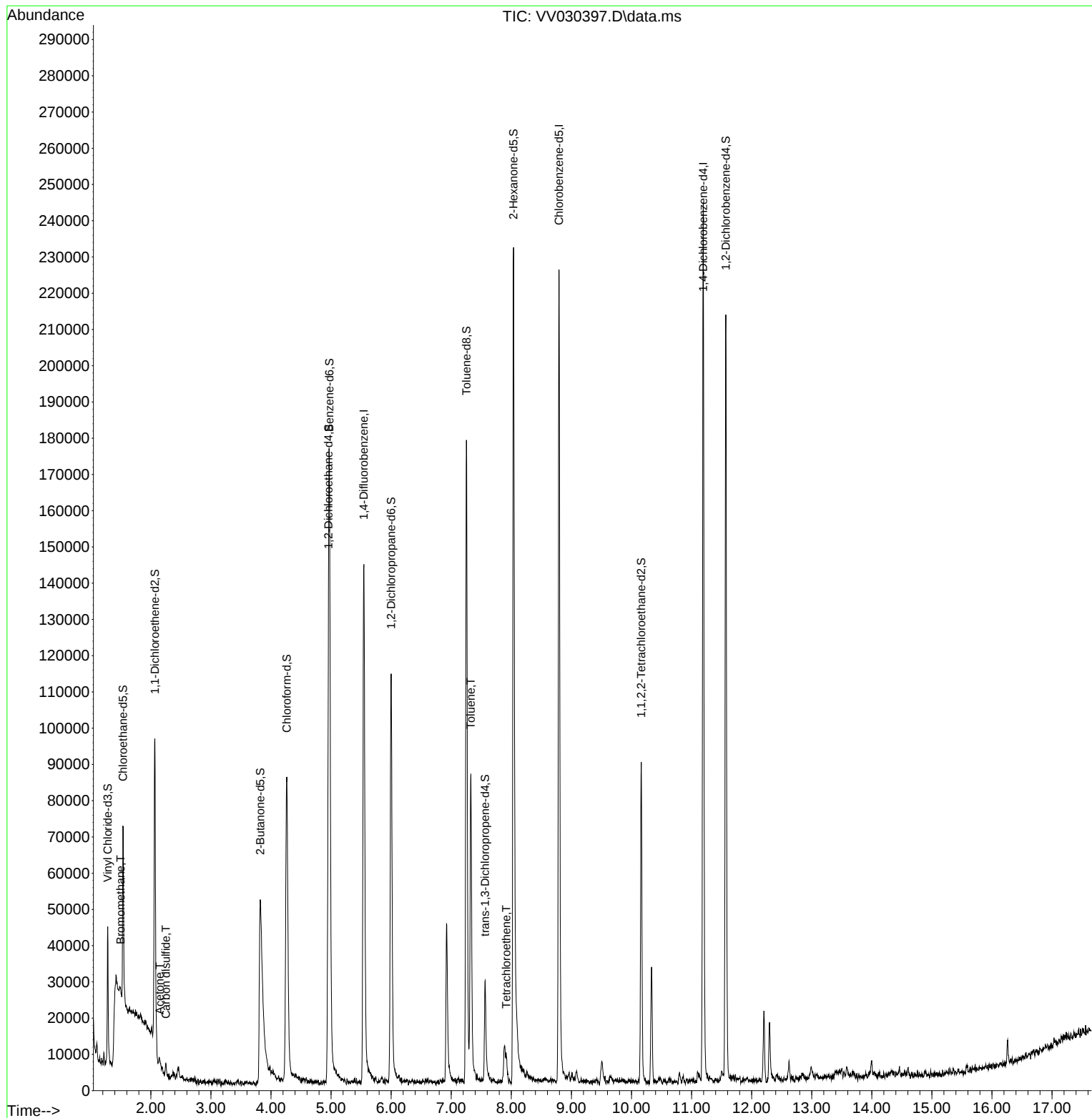
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	121531	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	123191	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	60830	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	24101	2.994	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.800%
7) Chloroethane-d5	1.535	69	30566	3.913	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.200%
11) 1,1-Dichloroethene-d2	2.066	63	44901	2.351	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.000%#
20) 2-Butanone-d5	3.822	46	110786	53.251	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.500%
24) Chloroform-d	4.262	84	89362	4.587	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	4.957	65	46550	5.065	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	4.973	84	151400	4.361	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	5.998	67	51260	4.717	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.252	98	120381	3.776	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.600%
43) trans-1,3-Dichloroprop...	7.564	79	16244	3.970	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.034	63	82525	50.189	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.380%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	40409	4.718	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	11.570	152	52370	4.817	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
6) Bromomethane	1.494	94	919	0.227	ug/L	95
13) Acetone	2.146	43	7322	3.680	ug/L	81
14) Carbon disulfide	2.249	76	5328	0.159	ug/L #	90
42) Toluene	7.326	91	60863	1.306	ug/L	97
47) Tetrachloroethene	7.915	164	1700	0.163	ug/L	94

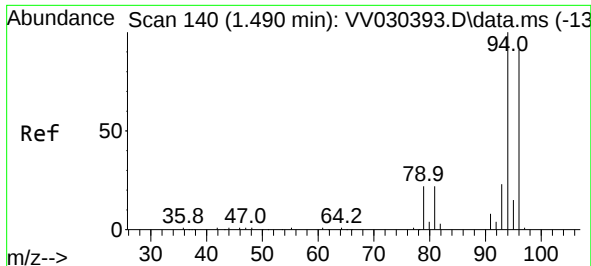
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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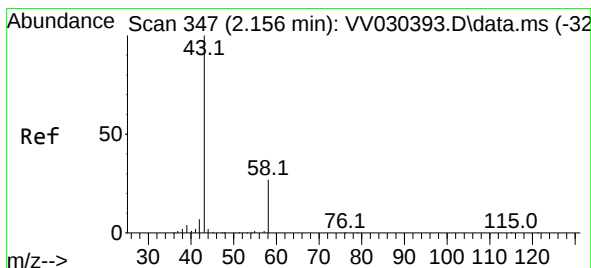
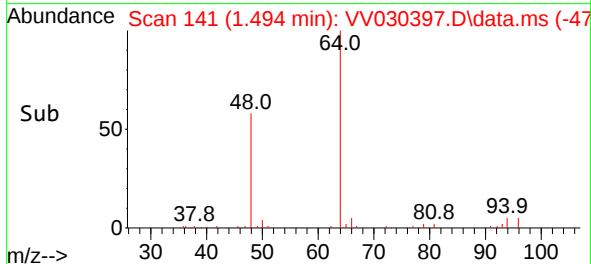
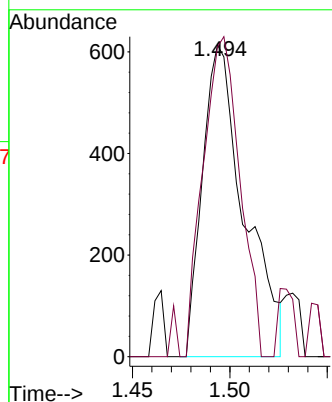
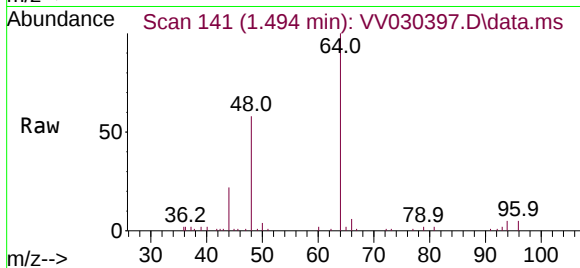




#6
Bromomethane
Concen: 0.227 ug/L
RT: 1.494 min Scan# 140
Delta R.T. 0.003 min
Lab File: VV030397.D
Acq: 05 Apr 2023 13:42

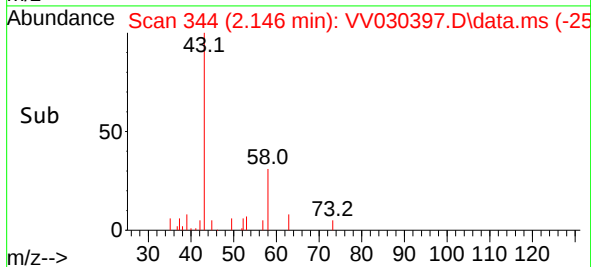
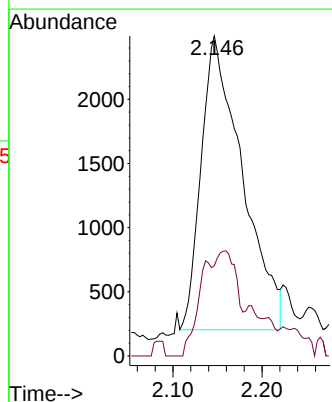
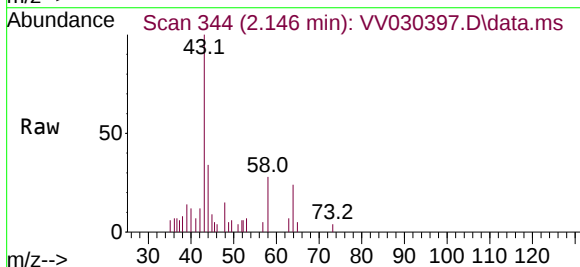
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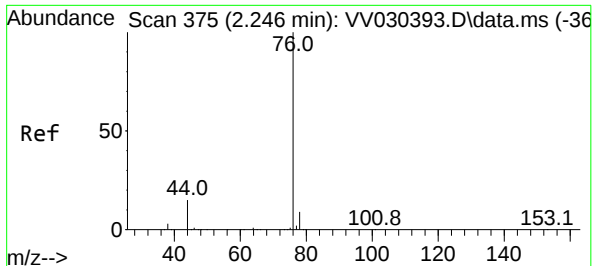
Tgt Ion: 94 Resp: 919
Ion Ratio Lower Upper
94 100
96 99.3 66.1 122.7



#13
Acetone
Concen: 3.680 ug/L
RT: 2.146 min Scan# 344
Delta R.T. -0.000 min
Lab File: VV030397.D
Acq: 05 Apr 2023 13:42

Tgt Ion: 43 Resp: 7322
Ion Ratio Lower Upper
43 100
58 11.5 0.0 40.8

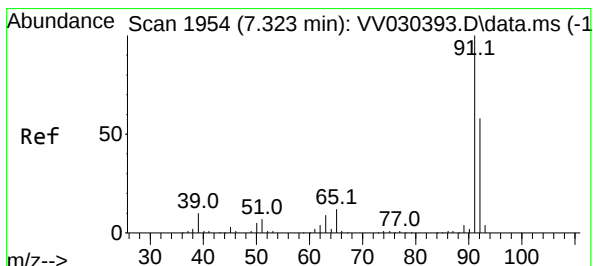
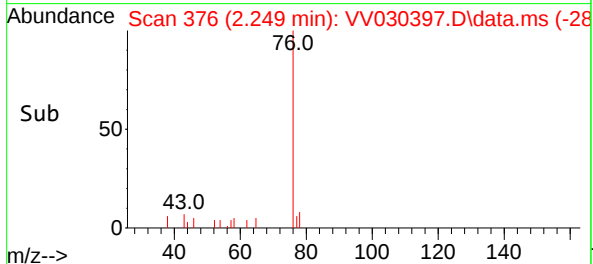
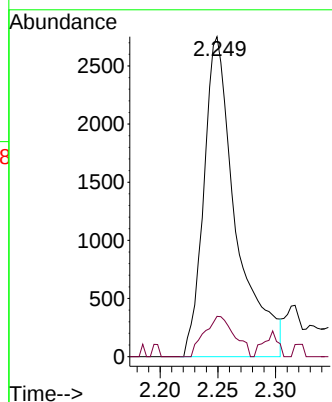
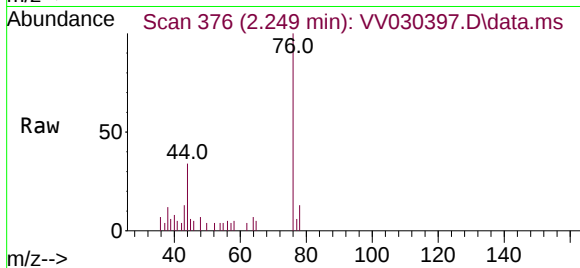




#14
Carbon disulfide
Concen: 0.159 ug/L
RT: 2.249 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV030397.D
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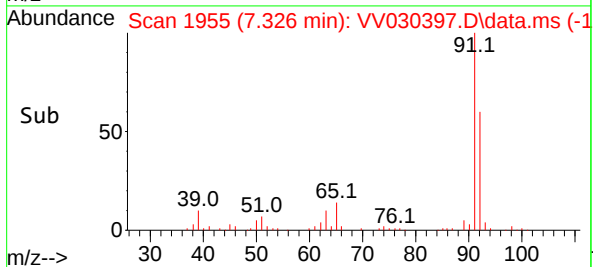
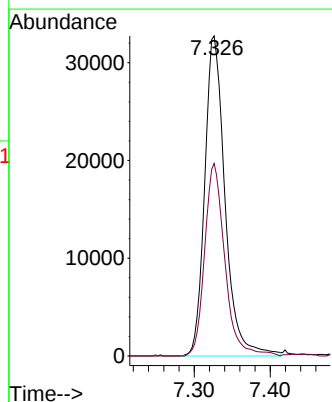
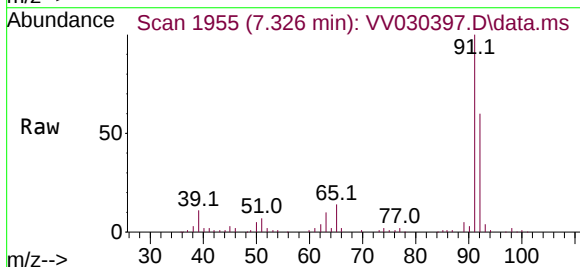
Instrument :
MSVOA_V
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BHDT9

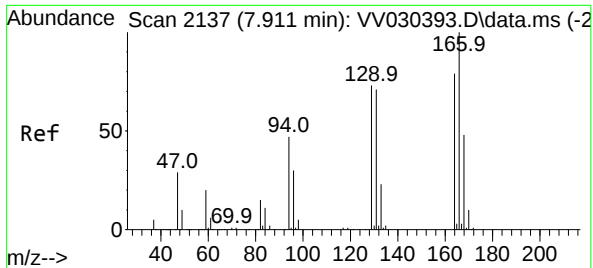
Tgt Ion: 76 Resp: 5328
Ion Ratio Lower Upper
76 100
78 12.6 7.3 10.9#



#42
Toluene
Concen: 1.306 ug/L
RT: 7.326 min Scan# 1955
Delta R.T. 0.003 min
Lab File: VV030397.D
Acq: 05 Apr 2023 13:42

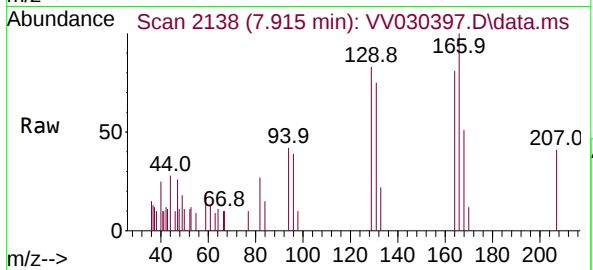
Tgt Ion: 91 Resp: 60863
Ion Ratio Lower Upper
91 100
92 60.1 40.4 75.0





#47
 Tetrachloroethene
 Concen: 0.163 ug/L
 RT: 7.915 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV030397.D
 Acq: 05 Apr 2023 13:42

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDT9



Tgt Ion:	164	Resp:	1700
Ion	Ratio	Lower	Upper
164	100		
129	102.4	60.8	112.8
131	91.8	61.7	114.7
166	122.9	85.6	159.0

