

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101521\
 Data File : VW022849.D
 Acq On : 15 Oct 2021 20:17
 Operator : SY/MD
 Sample : M4223-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGA0

Manual Integrations
 APPROVED

SAM
 10/18/2021 1:06:17 PM

Quant Time: Oct 16 05:30:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 16 05:27:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	111370	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	113868	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53510	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	35243	4.600	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.000%
7) Chloroethane-d5	1.568	69	29842	4.334	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.108	63	43571	2.899	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.000%#
20) 2-Butanone-d5	3.899	46	93513	46.544	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.080%
24) Chloroform-d	4.352	84	85398	5.408	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.200%
26) 1,2-Dichloroethane-d4	5.034	65	39384	5.139	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.053	84	161568	4.766	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.072	67	51683	5.148	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.317	98	134023	4.574	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	7.629	79	15449	4.639	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.092	63	80590	60.051	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.100%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	37759	5.552	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	53616	5.404	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.000%
Target Compounds						Qvalue
13) Acetone	2.191	43	3219m	2.873	ug/L	
17) Methyl tert-butyl Ether	2.770	73	2243	0.138	ug/L #	91
25) Chloroform	4.378	83	31277	2.048	ug/L	99
42) Toluene	7.397	91	5723	0.184	ug/L	97
47) Tetrachloroethene	7.982	164	4075	0.604	ug/L	87

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

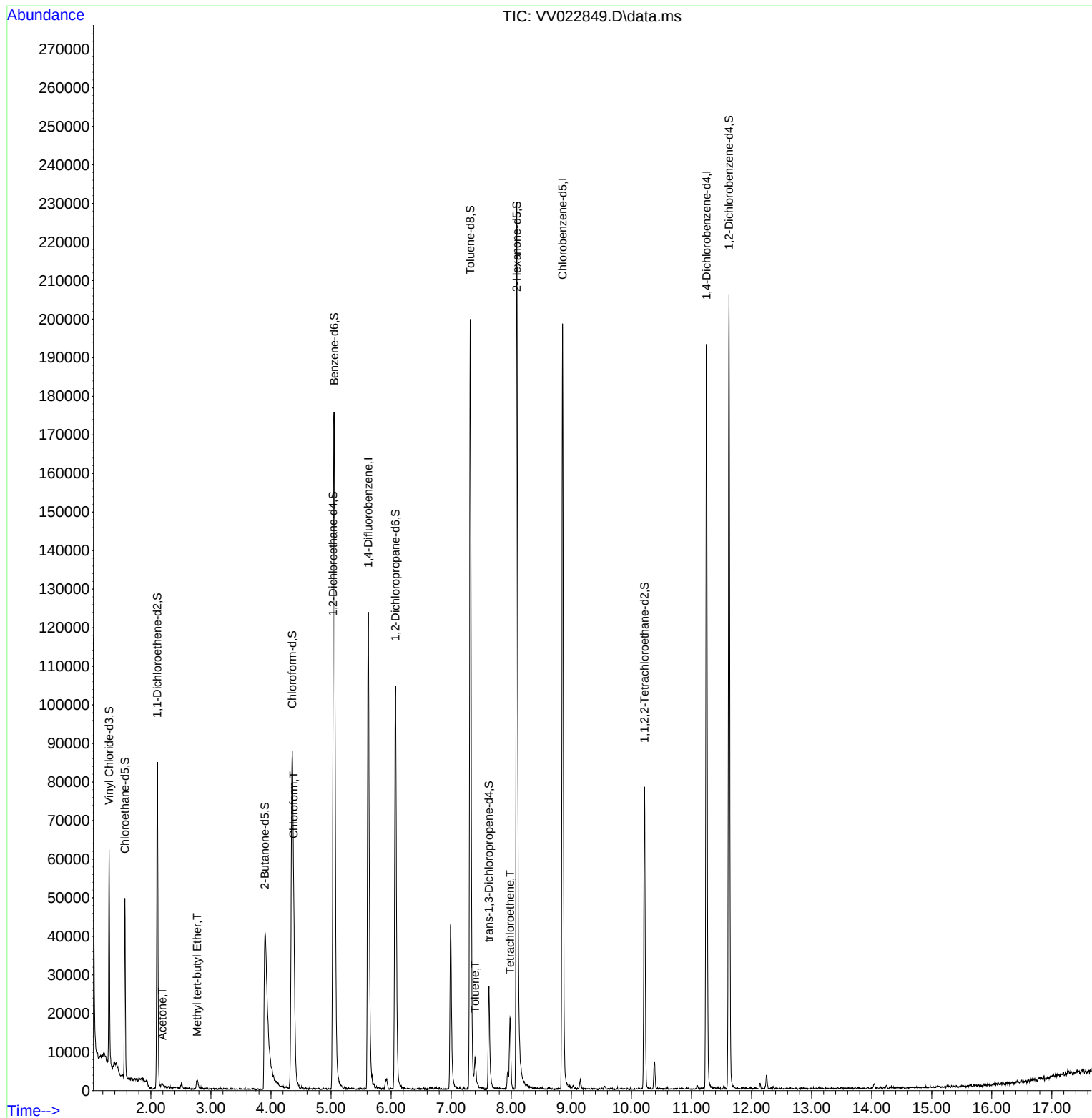
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Data File : VV022849.D
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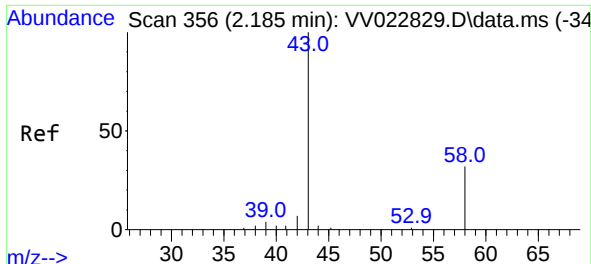
Instrument :
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Quant Title : TRACE VOA SFAM1.0
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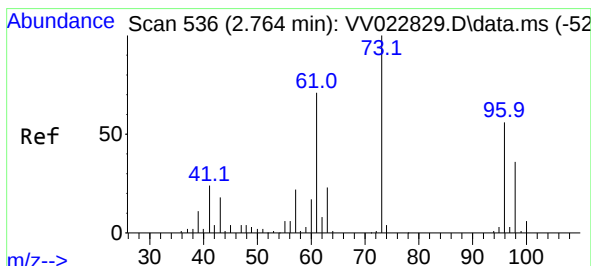
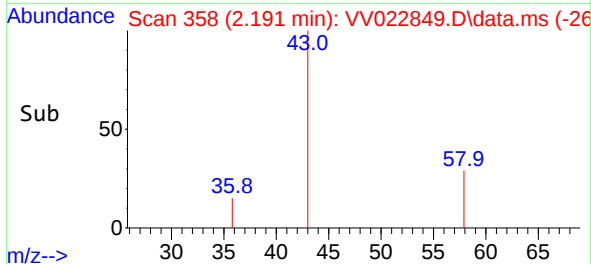
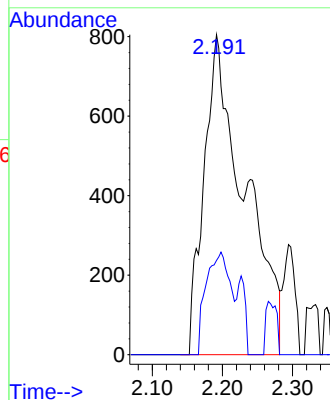
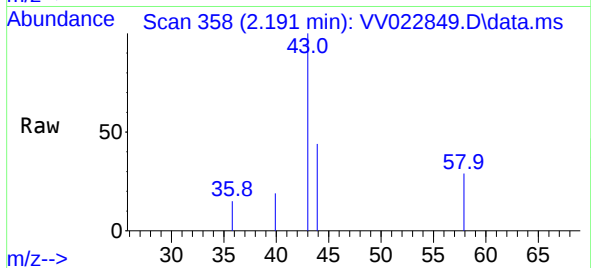
#13
Acetone
Concen: 2.873 ug/L m
RT: 2.191 min Scan# 358
Delta R.T. 0.006 min
Lab File: VV022849.D
Acq: 15 Oct 2021 20:17

Tgt Ion: 43 Resp: 3219
Ion Ratio Lower Upper
43 100
58 4.9 0.0 24.2

Instrument :
MSVOA_V
ClientSampled :
BFGA0

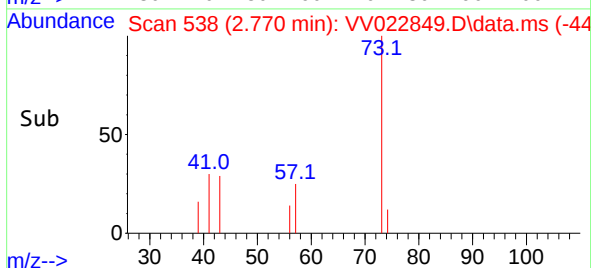
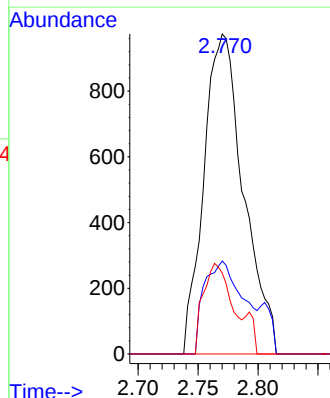
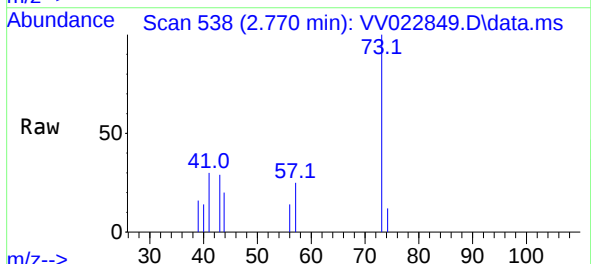
Manual Integrations
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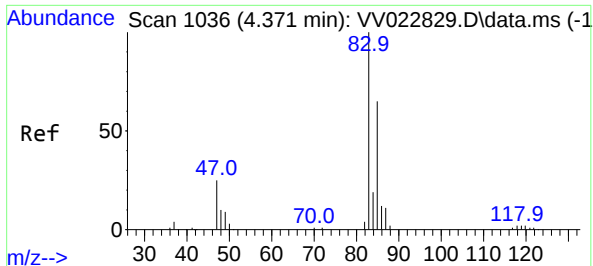
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#17
Methyl tert-butyl Ether
Concen: 0.138 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.006 min
Lab File: VV022849.D
Acq: 15 Oct 2021 20:17

Tgt Ion: 73 Resp: 2243
Ion Ratio Lower Upper
73 100
43 28.4 17.1 25.7#
57 19.8 17.2 25.8





#25

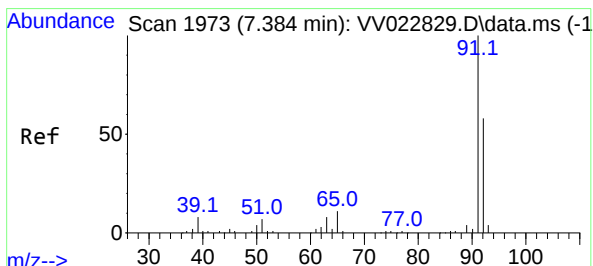
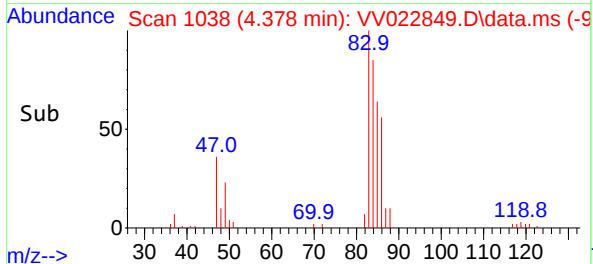
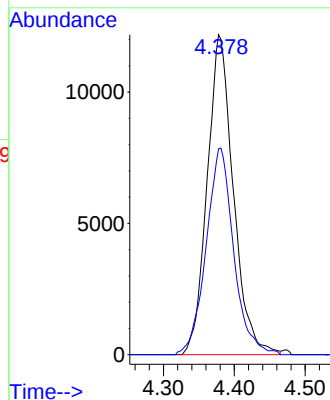
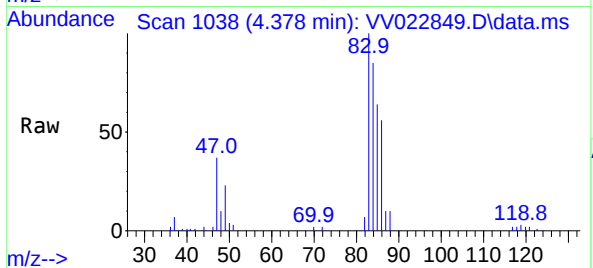
Chloroform
Concen: 2.048 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV022849.D
Acq: 15 Oct 2021 20:17

Tgt Ion: 83 Resp: 31277
Ion Ratio Lower Upper
83 100
85 64.3 45.7 84.9

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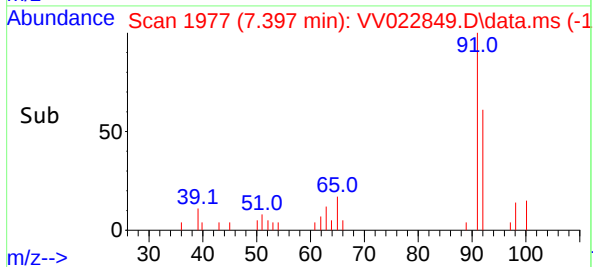
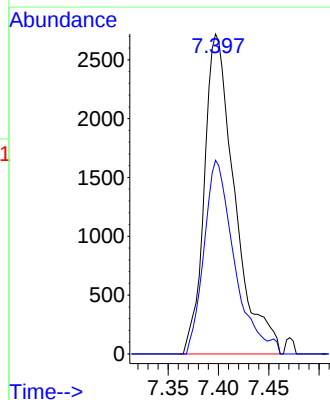
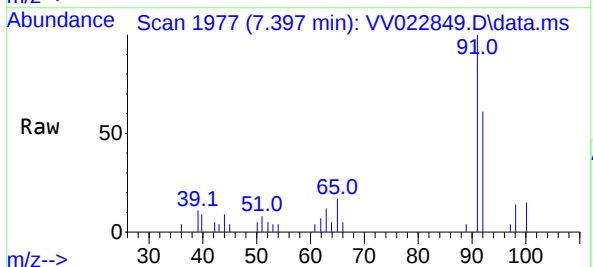
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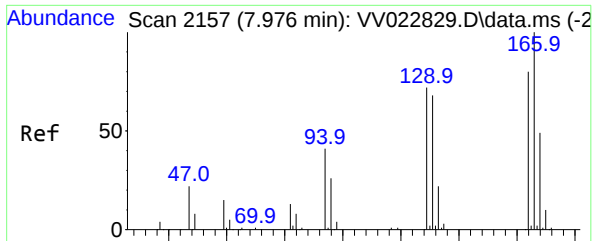


#42

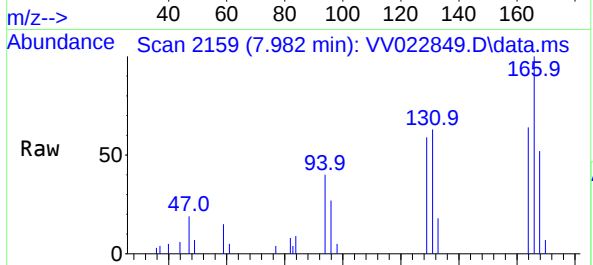
Toluene
Concen: 0.184 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.013 min
Lab File: VV022849.D
Acq: 15 Oct 2021 20:17

Tgt Ion: 91 Resp: 5723
Ion Ratio Lower Upper
91 100
92 60.6 40.7 75.7



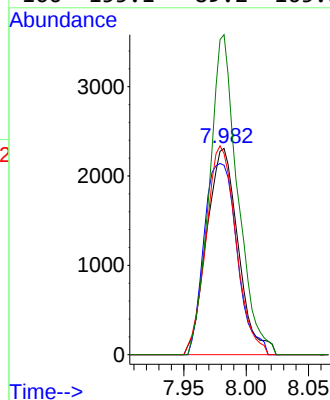
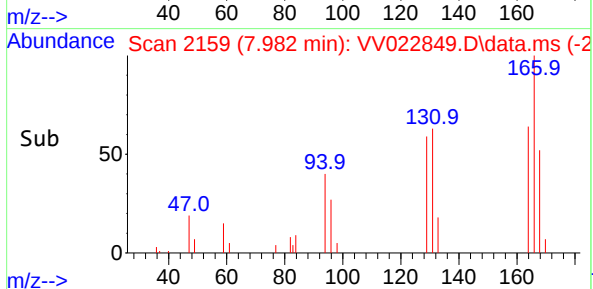


#47
Tetrachloroethene
Concen: 0.604 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.006 min
Lab File: VV022849.D
Acq: 15 Oct 2021 20:17



Tgt Ion:164 Resp: 4075

Ion	Ratio	Lower	Upper
164	100		
129	91.9	65.0	120.6
131	97.5	62.2	115.4
166	155.1	89.2	165.8



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