

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101923\
 Data File : VV032495.D
 Acq On : 19 Oct 2023 14:29
 Operator : SY/MD
 Sample : 04918-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AH2

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/20/2023
 Supervised By : Mahesh Dadoda 10/24/2023

Quant Time: Oct 20 06:22:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 20 06:17:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	101066	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	106995	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	50655	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	35481	4.317	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.532	69	32095	4.810	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.060	65	14183	4.091	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.800%
20) 2-Butanone-d5	3.802	46	91887	44.192	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.380%
24) Chloroform-d	4.256	84	60383	4.164	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
26) 1,2-Dichloroethane-d4	4.947	65	31136	4.533	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	4.963	84	121219	3.850	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.000%
36) 1,2-Dichloropropane-d6	5.992	67	40552	3.888	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.800%
41) Toluene-d8	7.246	98	106314	3.693	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.800%
43) trans-1,3-Dichloroprop...	7.561	79	13974	3.781	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.600%
46) 2-Hexanone-d5	8.030	63	75866	43.623	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.240%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	32823	4.499	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	11.564	152	40942	4.356	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%
Target Compounds						Qvalue
13) Acetone	2.133	43	7752m	4.837	ug/L	
14) Carbon disulfide	2.243	76	3182	0.123	ug/L	99
17) Methyl tert-butyl Ether	2.706	73	293185	14.529	ug/L	98
33) Benzene	5.018	78	23889	0.634	ug/L	100
47) Tetrachloroethene	7.908	164	1320	0.169	ug/L	87

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

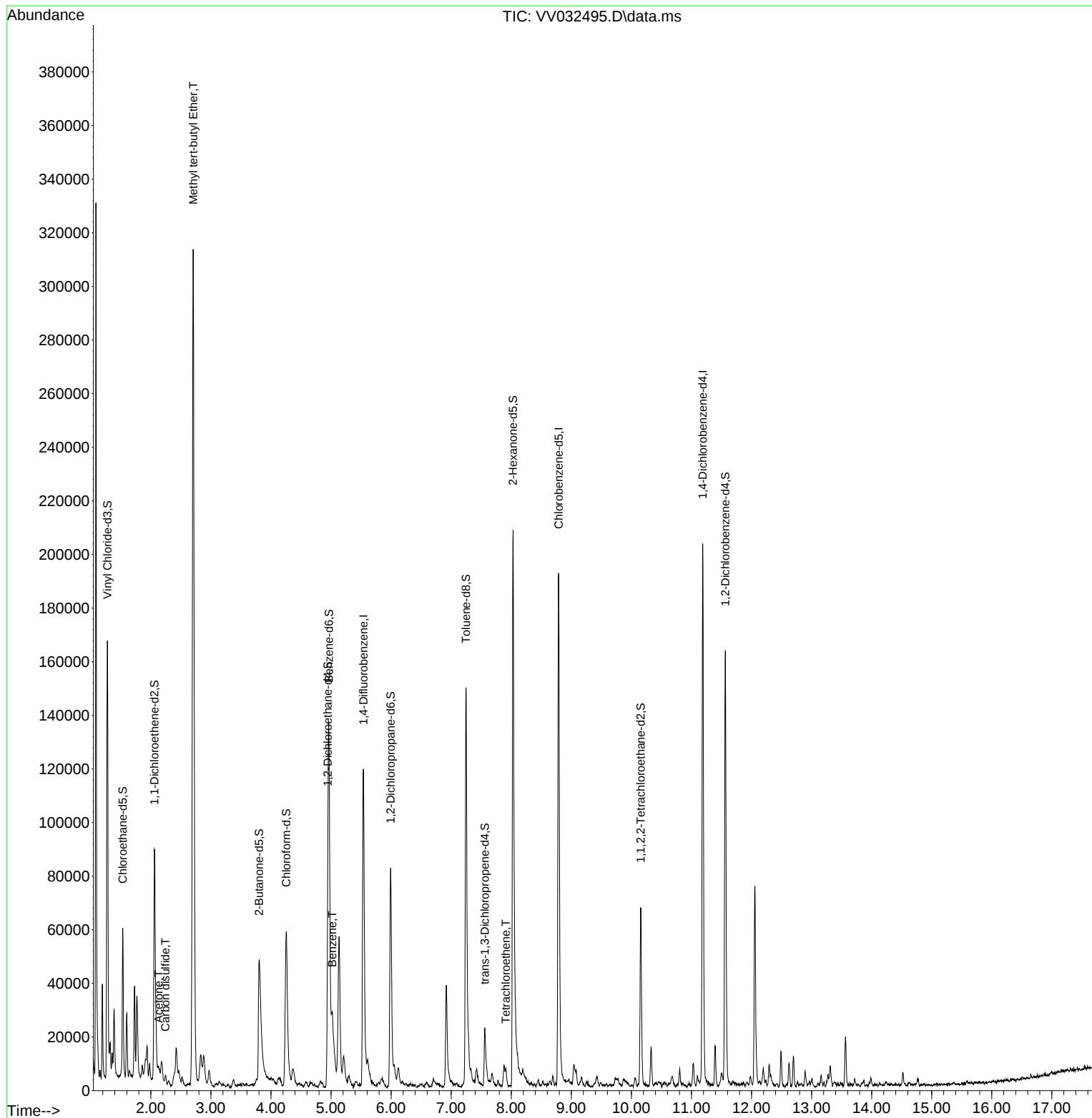
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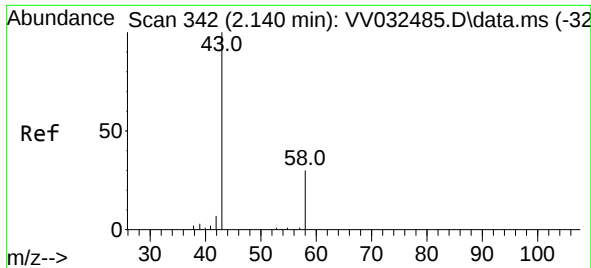
Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 20 06:17:42 2023
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#13

Acetone

Concen: 4.837 ug/L m

RT: 2.133 min Scan# 34

Delta R.T. -0.006 min

Lab File: VV032495.D

Acq: 19 Oct 2023 14:29

Instrument :

MSVOA_V

ClientSampleId :

C0AH2

Tgt Ion: 43 Resp: 775

Ion Ratio Lower Upper

43 100

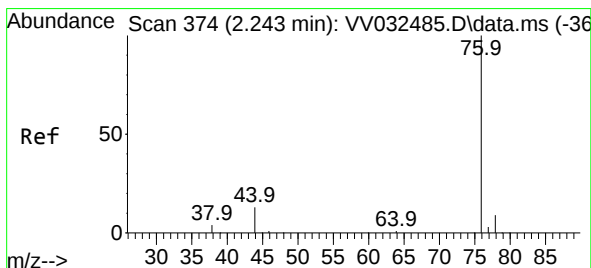
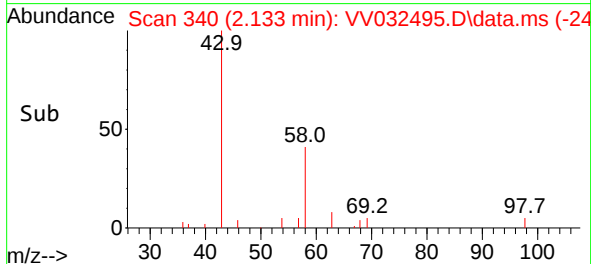
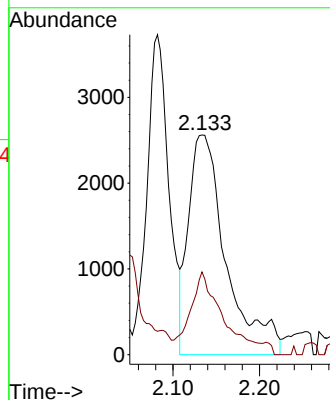
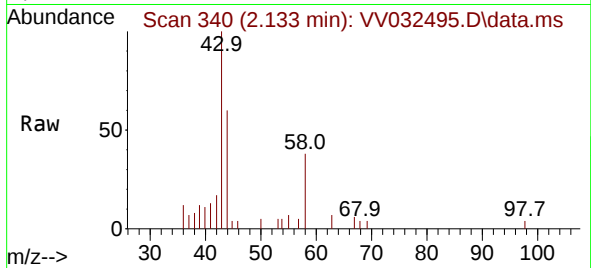
58 24.8 0.0 66.0

Manual Integrations

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#14

Carbon disulfide

Concen: 0.123 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV032495.D

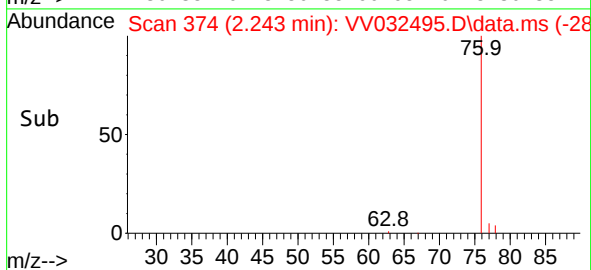
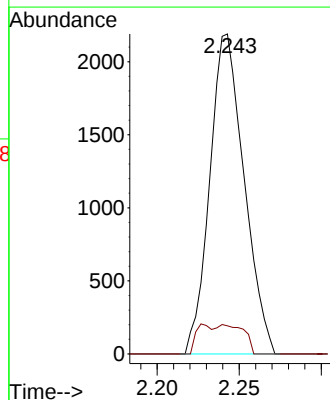
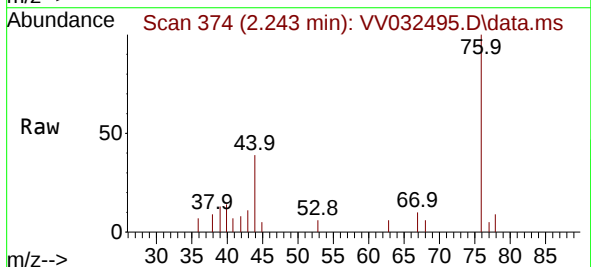
Acq: 19 Oct 2023 14:29

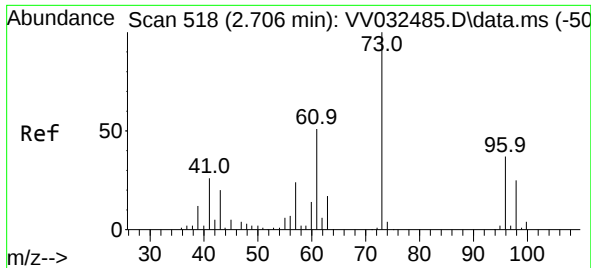
Tgt Ion: 76 Resp: 3182

Ion Ratio Lower Upper

76 100

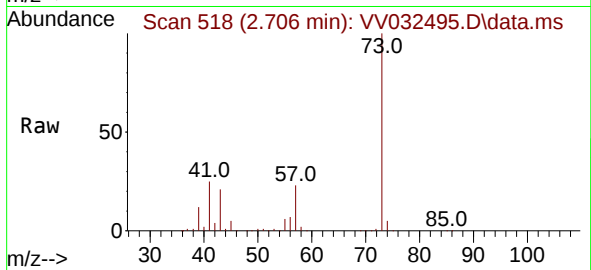
78 8.8 7.4 11.2





#17
Methyl tert-butyl Ether
Concen: 14.529 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV032495.D
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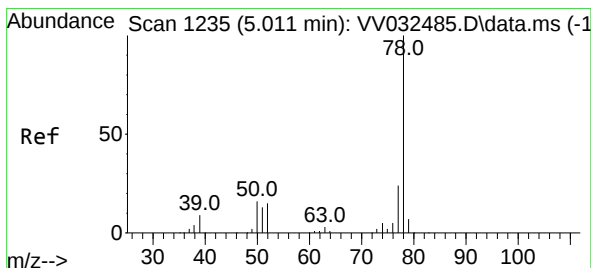
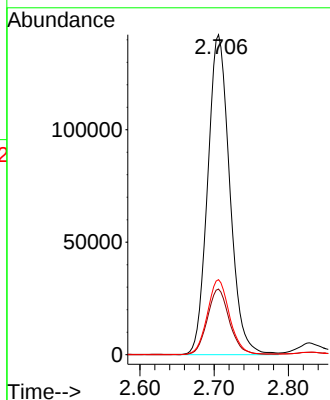
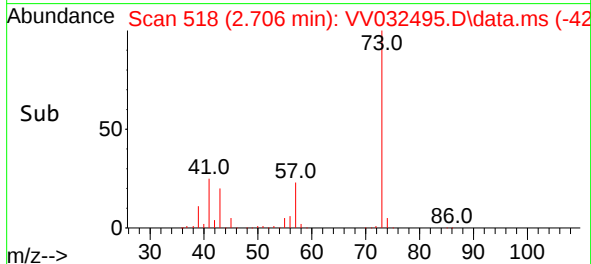
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ClientSampleId :
C0AH2



Tgt Ion: 73 Resp: 29318
Ion Ratio Lower Upper
73 100
43 20.3 15.1 22.7
57 23.7 18.3 27.5

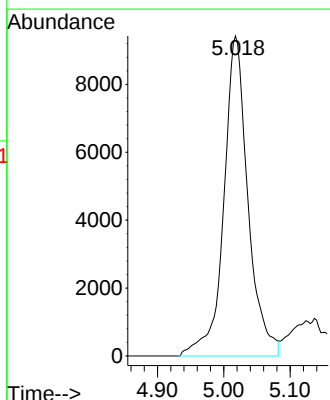
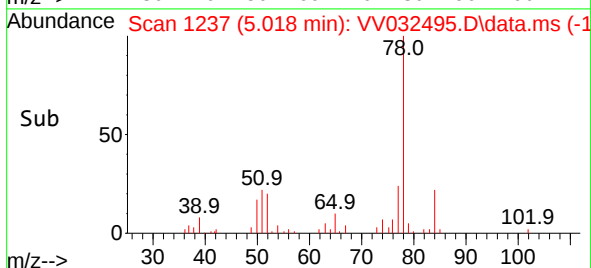
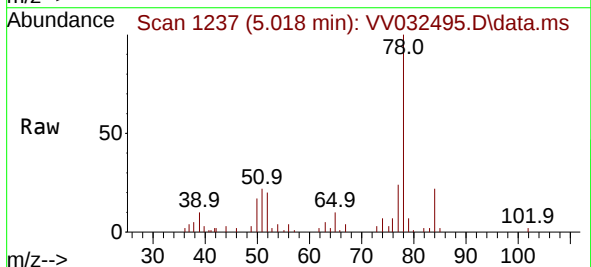
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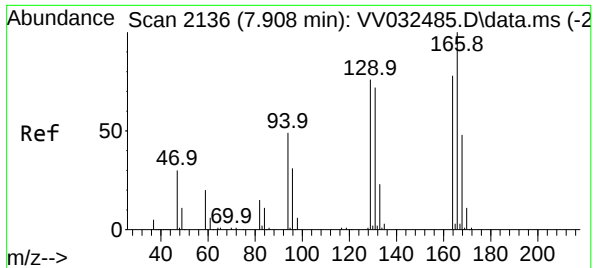
Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/24/2023



#33
Benzene
Concen: 0.634 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.006 min
Lab File: VV032495.D
Acq: 19 Oct 2023 14:29

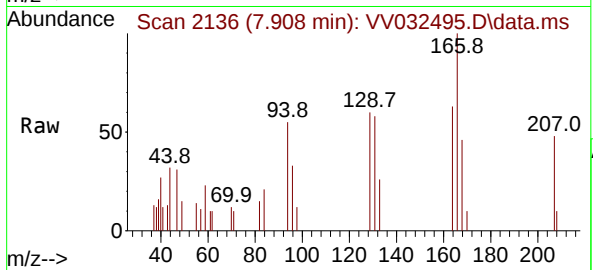
Tgt Ion: 78 Resp: 23889





#47
 Tetrachloroethene
 Concen: 0.169 ug/L
 RT: 7.908 min Scan# 2136
 Delta R.T. 0.000 min
 Lab File: VV032495.D
 Acq: 19 Oct 2023 14:29

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AH2



Tgt Ion:	164	Resp:	1320
Ion	Ratio	Lower	Upper
164	100		
129	96.5	66.4	123.4
131	92.4	63.7	118.3
166	159.9	87.9	163.3

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