

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101723\
 Data File : VW032445.D
 Acq On : 17 Oct 2023 15:05
 Operator : SY/MD
 Sample : 04903-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE5

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/18/2023
 Supervised By : Semsettin Yesilyurt 10/20/2023

Quant Time: Oct 18 06:04:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 18 06:02:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	103699	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	116587	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	55530	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	33501	3.972	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.400%
7) Chloroethane-d5	1.532	69	30682	4.482	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.060	65	14147	3.977	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.600%
20) 2-Butanone-d5	3.815	46	114388	53.616	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.240%
24) Chloroform-d	4.256	84	67265	4.521	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	4.950	65	32704	4.641	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	4.966	84	119009	3.469	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.400%#
36) 1,2-Dichloropropane-d6	5.995	67	41018	3.609	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.200%
41) Toluene-d8	7.249	98	107623	3.431	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.600%#
43) trans-1,3-Dichloroprop...	7.561	79	15057	3.738	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.800%
46) 2-Hexanone-d5	8.031	63	95091	50.179	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.360%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	38225	4.808	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	44854	4.353	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						
13) Acetone	2.143	43	33281	20.240	ug/L	97
14) Carbon disulfide	2.243	76	11770	0.443	ug/L	96
21) 2-Butanone	3.918	43	26224m	10.198	ug/L	
22) cis-1,2-Dichloroethene	3.822	96	5433	0.579	ug/L	94
25) Chloroform	4.285	83	7607	0.473	ug/L	99
34) Trichloroethene	5.844	95	1340	0.120	ug/L	90
47) Tetrachloroethene	7.908	164	3608	0.425	ug/L	91
52) Ethylbenzene	8.957	91	3372	0.069	ug/L	87
53) m,p-Xylene	9.082	106	4427	0.245	ug/L	98
54) o-Xylene	9.487	106	1637	0.094	ug/L	84
63) 1,2,4-Trimethylbenzene	10.857	105	10833	0.309	ug/L	98

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

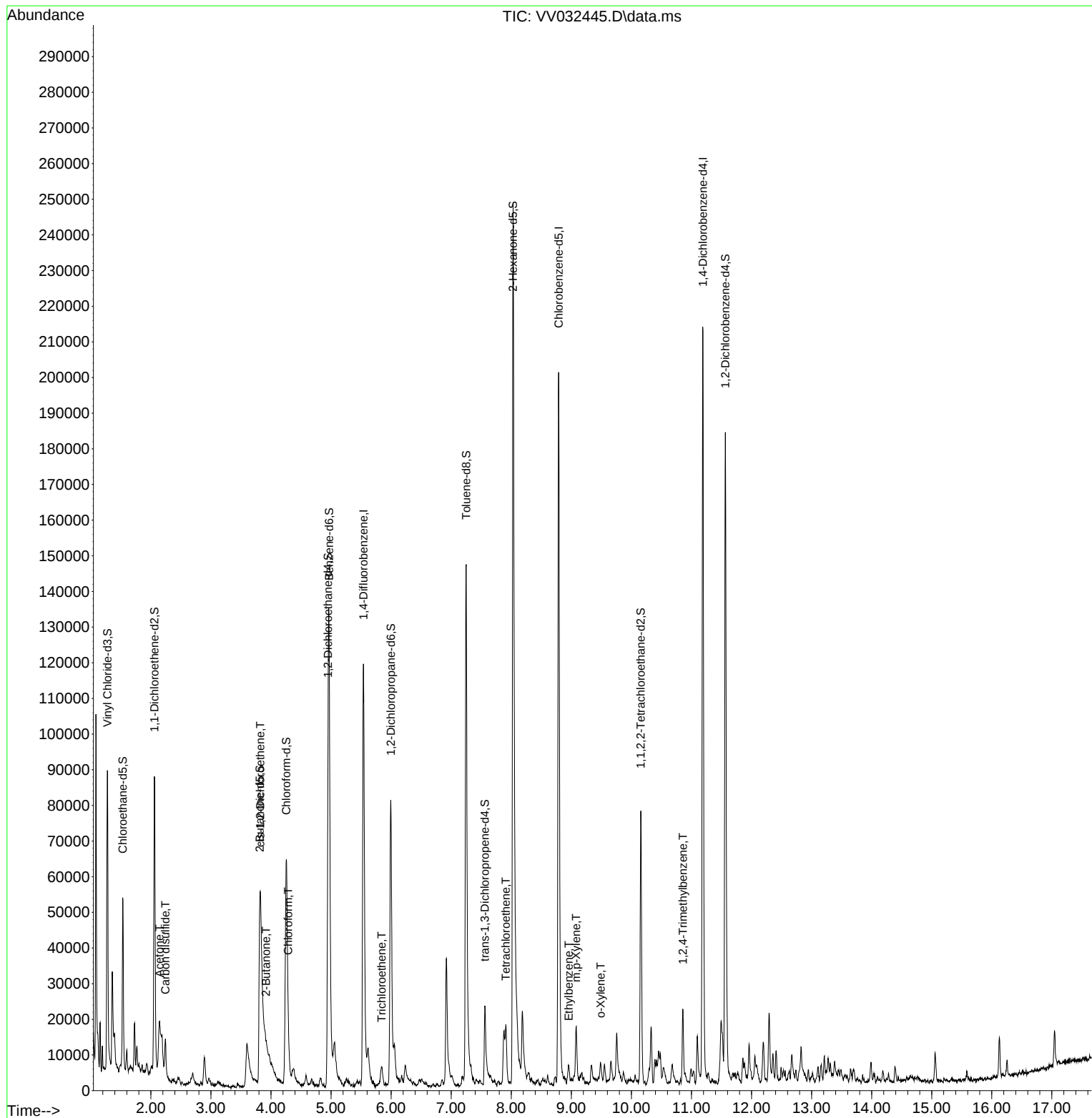
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101723\
Data File : VV032445.D
Acq On : 17 Oct 2023 15:05
Operator : SY/MD
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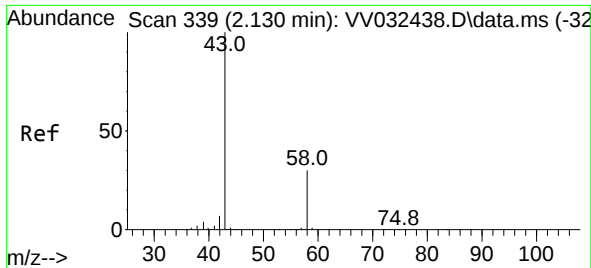
Instrument :
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C0AE5

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Quant Title : TRACE VOA SFAM1.0
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#13

Acetone

Concen: 20.240 ug/L

RT: 2.143 min Scan# 34

Delta R.T. 0.013 min

Lab File: VV032445.D

Acq: 17 Oct 2023 15:05

Instrument :

MSVOA_V

ClientSampleId :

C0AE5

Tgt Ion: 43 Resp: 3328

Ion Ratio Lower Upper

43 100

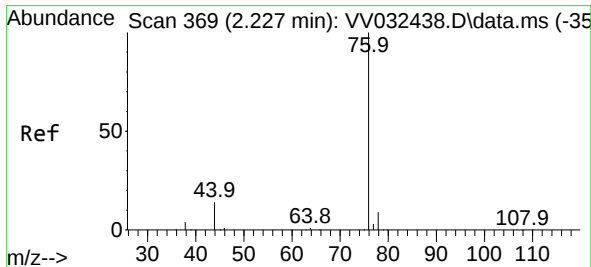
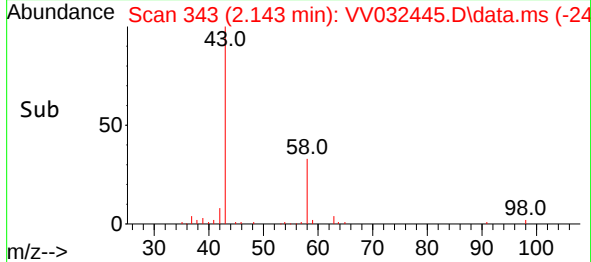
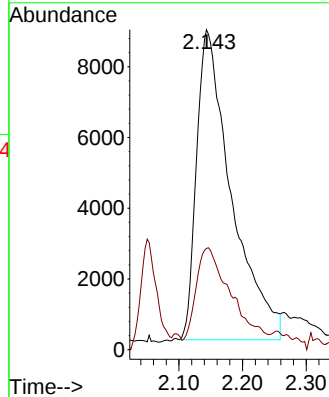
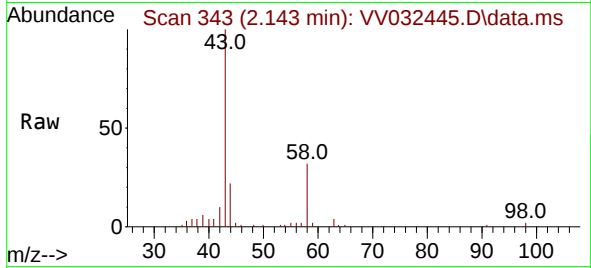
58 31.3 0.0 66.0

Manual Integrations

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#14

Carbon disulfide

Concen: 0.443 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.016 min

Lab File: VV032445.D

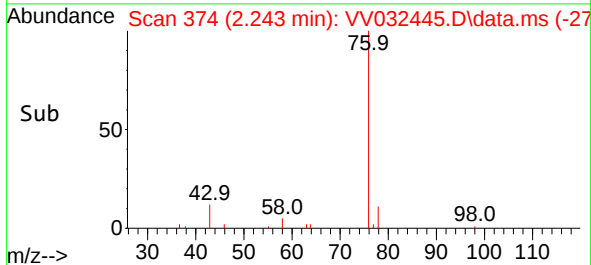
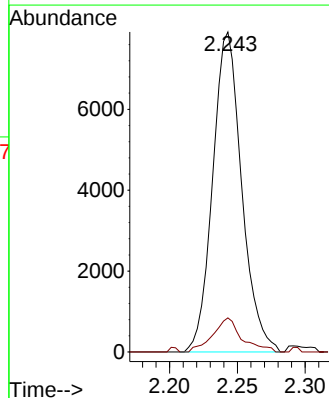
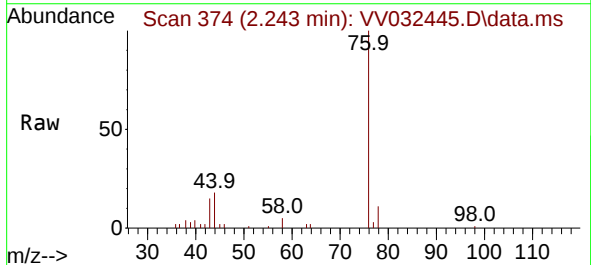
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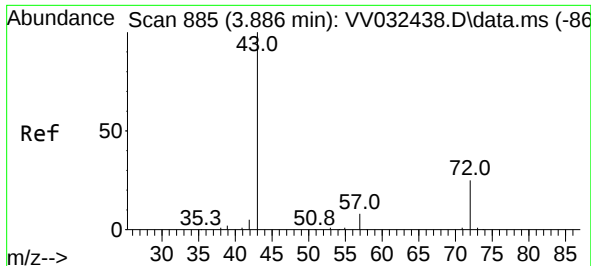
Tgt Ion: 76 Resp: 11770

Ion Ratio Lower Upper

76 100

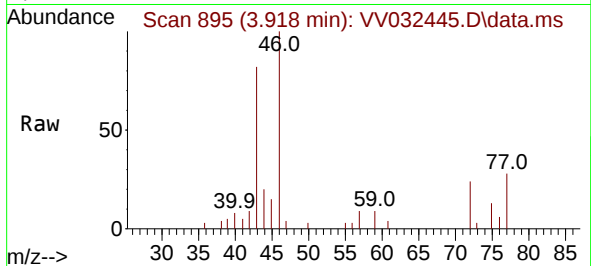
78 10.7 7.4 11.2





#21
2-Butanone
Concen: 10.198 ug/L m
RT: 3.918 min Scan# 895
Delta R.T. 0.032 min
Lab File: VV032445.D
Acq: 17 Oct 2023 15:05

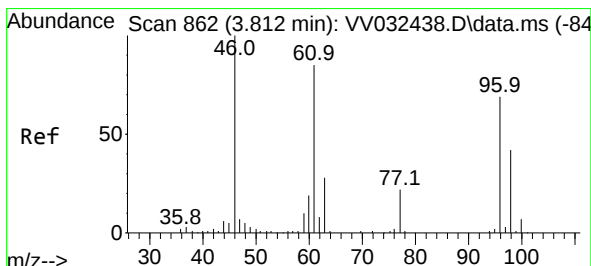
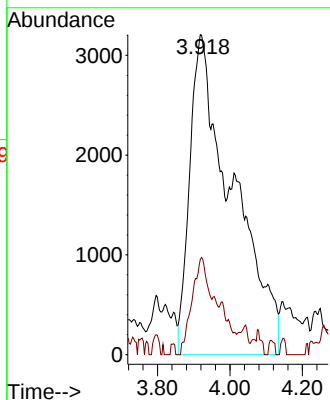
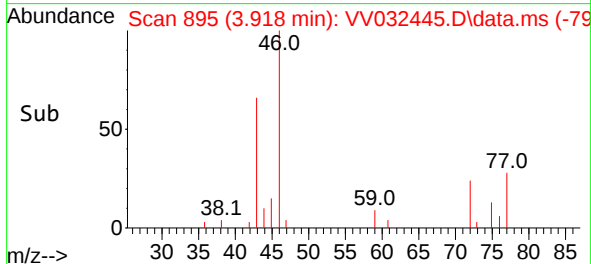
Instrument :
MSVOA_V
ClientSampleId :
C0AE5



Tgt Ion: 43 Resp: 26224
Ion Ratio Lower Upper
43 100
72 11.8 11.6 34.8

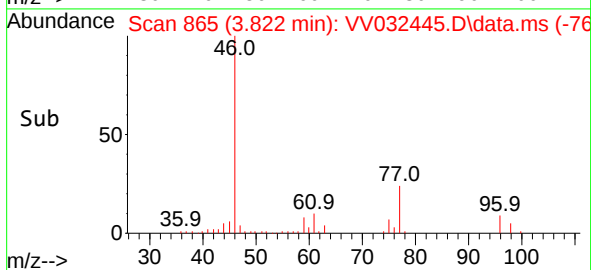
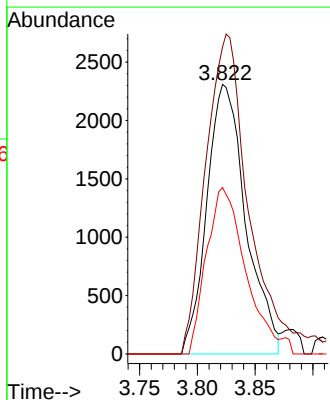
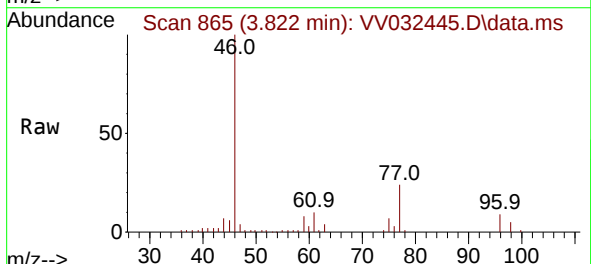
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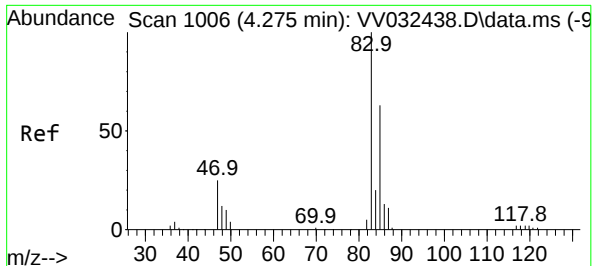
Reviewed By :John Carlone 10/18/2023
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#22
cis-1,2-Dichloroethene
Concen: 0.579 ug/L
RT: 3.822 min Scan# 865
Delta R.T. 0.010 min
Lab File: VV032445.D
Acq: 17 Oct 2023 15:05

Tgt Ion: 96 Resp: 5433
Ion Ratio Lower Upper
96 100
61 113.9 85.8 159.4
98 61.7 44.0 81.6





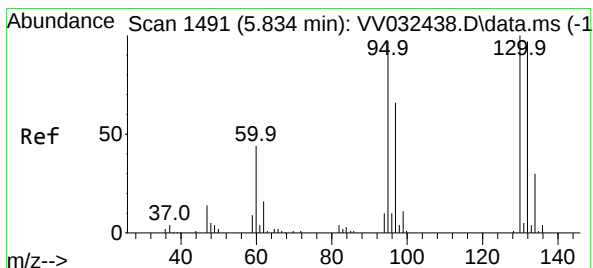
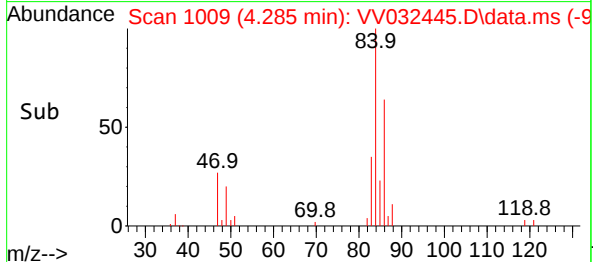
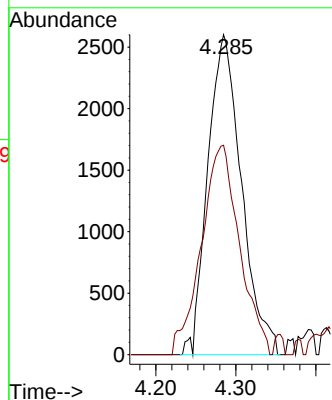
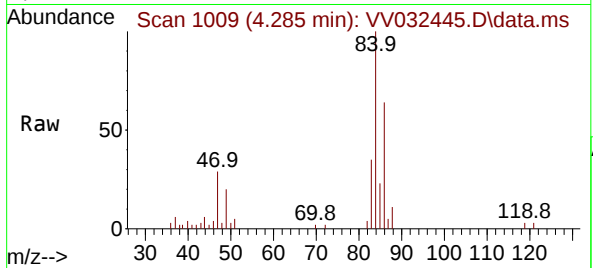
#25
Chloroform
Concen: 0.473 ug/L
RT: 4.285 min Scan# 1006
Delta R.T. 0.010 min
Lab File: VV032445.D
Acq: 17 Oct 2023 15:05

Instrument :
MSVOA_V
ClientSampleId :
C0AE5

Tgt Ion: 83 Resp: 760
Ion Ratio Lower Upper
83 100
85 65.4 45.4 84.4

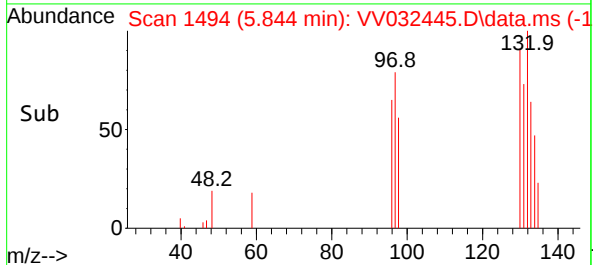
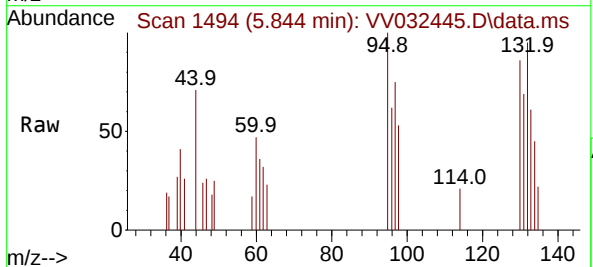
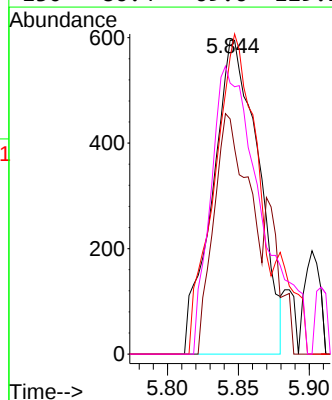
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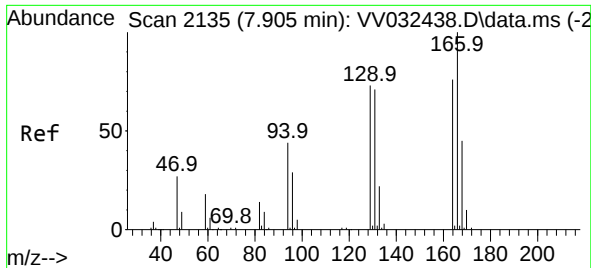
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#34
Trichloroethene
Concen: 0.120 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.010 min
Lab File: VV032445.D
Acq: 17 Oct 2023 15:05

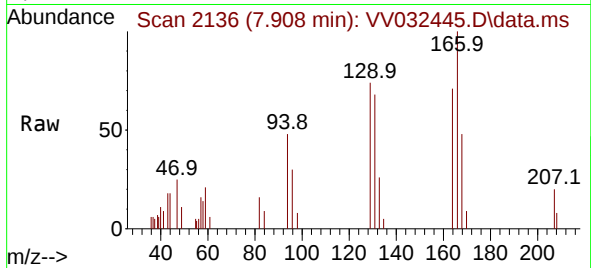
Tgt Ion: 95 Resp: 1340
Ion Ratio Lower Upper
95 100
97 75.0 45.7 84.9
132 94.6 70.3 130.5
130 86.4 69.6 129.2





#47
Tetrachloroethene
Concen: 0.425 ug/L
RT: 7.908 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV032445.D
Acq: 17 Oct 2023 15:05

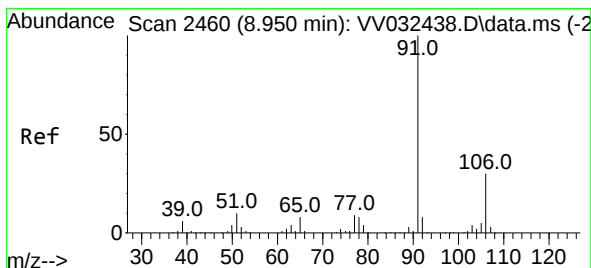
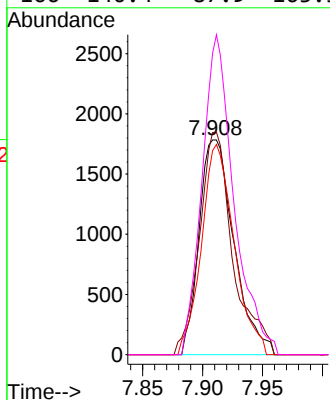
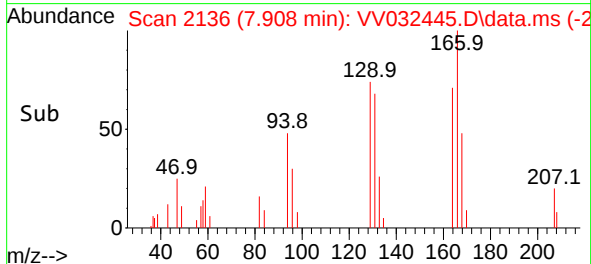
Instrument :
MSVOA_V
ClientSampleId :
C0AE5



Tgt Ion:164 Resp: 3608
Ion Ratio Lower Upper
164 100
129 103.4 66.4 123.4
131 95.0 63.7 118.3
166 140.4 87.9 163.3

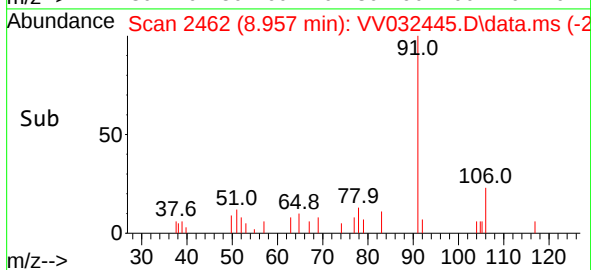
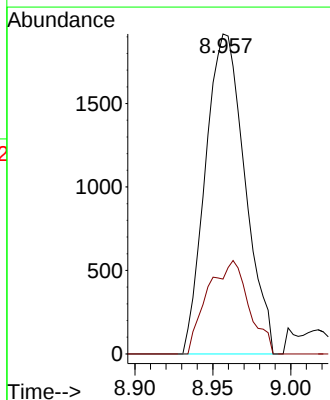
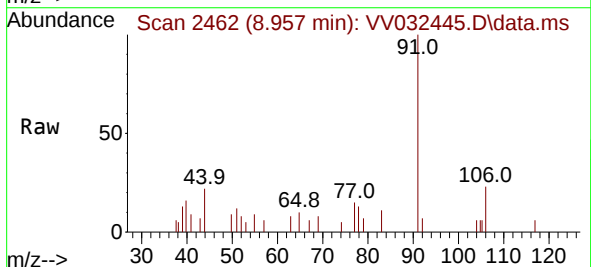
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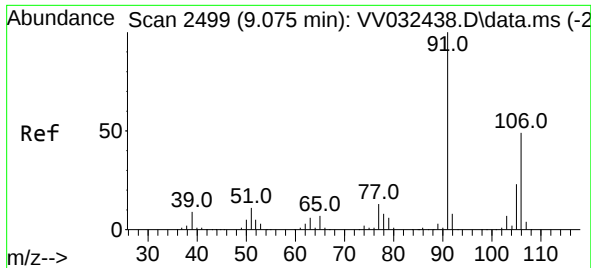
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#52
Ethylbenzene
Concen: 0.069 ug/L
RT: 8.957 min Scan# 2462
Delta R.T. 0.007 min
Lab File: VV032445.D
Acq: 17 Oct 2023 15:05

Tgt Ion: 91 Resp: 3372
Ion Ratio Lower Upper
91 100
106 23.4 21.3 39.5





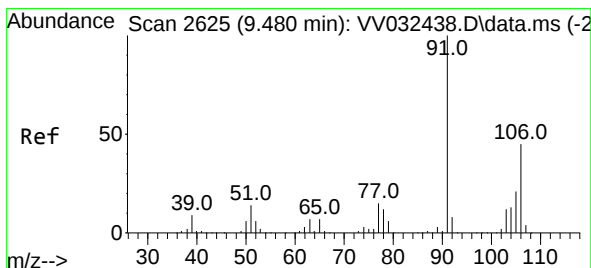
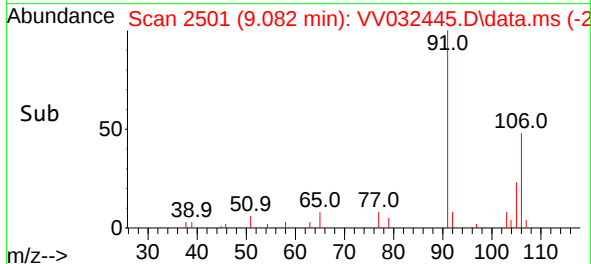
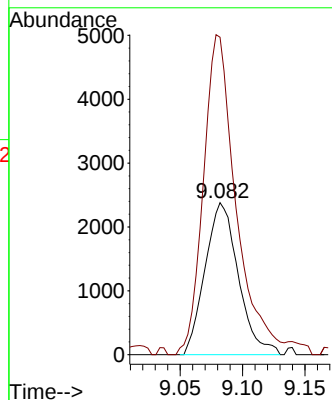
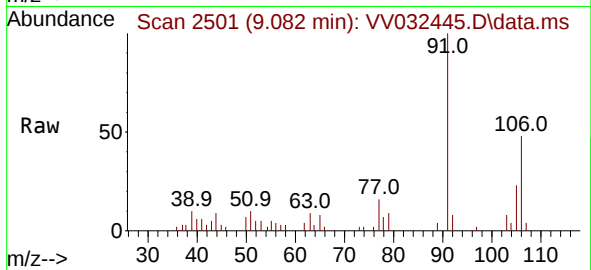
#53
m,p-Xylene
Concen: 0.245 ug/L
RT: 9.082 min Scan# 2499
Delta R.T. 0.007 min
Lab File: VV032445.D
Acq: 17 Oct 2023 15:05

Instrument :
MSVOA_V
ClientSampleId :
C0AE5

Tgt Ion:106 Resp: 442
Ion Ratio Lower Upper
106 100
91 208.8 144.5 268.3

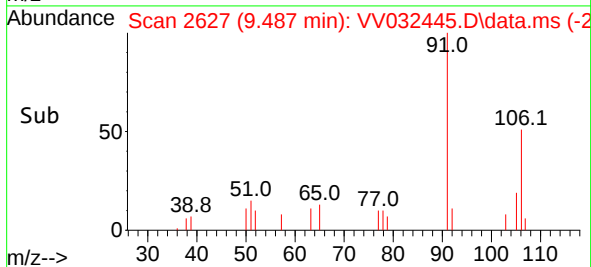
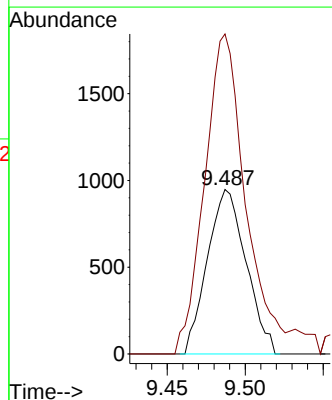
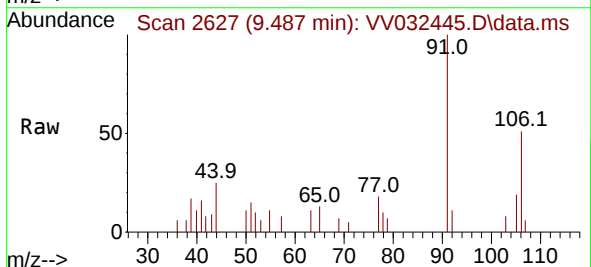
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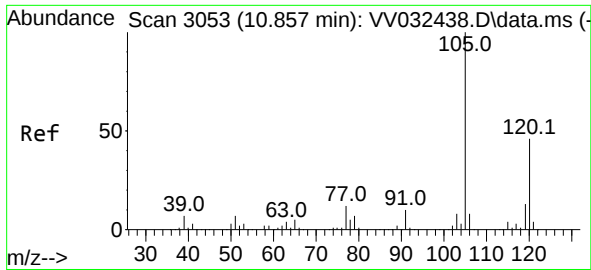
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#54
o-Xylene
Concen: 0.094 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.007 min
Lab File: VV032445.D
Acq: 17 Oct 2023 15:05

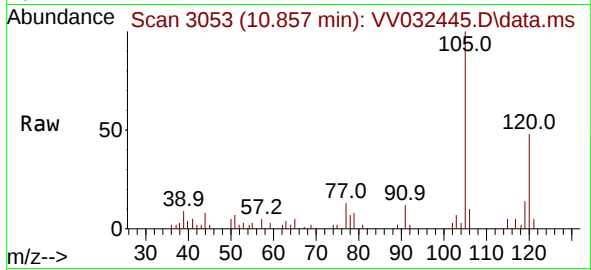
Tgt Ion:106 Resp: 1637
Ion Ratio Lower Upper
106 100
91 194.5 154.8 287.4





#63
 1,2,4-Trimethylbenzene
 Concen: 0.309 ug/L
 RT: 10.857 min Scan# 3053
 Delta R.T. 0.000 min
 Lab File: VV032445.D
 Acq: 17 Oct 2023 15:05

Instrument : MSVOA_V
 ClientSampleId : C0AE5



Tgt Ion:105 Resp: 1083
 Ion Ratio Lower Upper
 105 100
 120 46.4 36.2 54.4

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