

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112421\
 Data File : VW023699.D
 Acq On : 24 Nov 2021 14:41
 Operator : SY/MD
 Sample : M4821-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4643

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/26/2021
 Supervised By : Mahesh Dadoda 11/26/2021

Quant Time : Nov 26 01:53:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 26 01:51:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	143069	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	139967	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69775	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	45579	3.881	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.600%
7) Chloroethane-d5	1.568	69	38153	4.133	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.108	63	61999	2.995	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.000%
20) 2-Butanone-d5	3.889	46	91559	64.848	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.700%
24) Chloroform-d	4.349	84	87948	4.300	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.037	65	44027	4.608	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.053	84	167370	4.390	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.069	67	48893	4.574	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.317	98	148702	4.174	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	7.625	79	18862	4.378	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.088	63	71171	49.717	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.440%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35142	4.569	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	60246	4.884	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	23025	1.858	ug/L	98
13) Acetone	2.185	43	5197m	4.091	ug/L	
17) Methyl tert-butyl Ether	2.767	73	740643	37.703	ug/L	100
18) trans-1,2-Dichloroethene	2.764	96	36444	3.338	ug/L	99
19) 1,1-Dichloroethane	3.191	63	21389	1.165	ug/L	99
22) cis-1,2-Dichloroethene	3.912	96	90245	8.619	ug/L	97
33) Benzene	5.101	78	13786	0.345	ug/L	100
34) Trichloroethene	5.918	95	14883	1.392	ug/L	93
40) 4-Methyl-2-pentanone	7.239	43	3639	0.804	ug/L #	81
42) Toluene	7.397	91	5186	0.120	ug/L	94
52) Ethylbenzene	9.017	91	7682	0.170	ug/L	98
53) m,p-xylene	9.146	106	2300	0.128	ug/L	100
54) o-xylene	9.548	106	3081	0.180	ug/L	96
63) 1,2,4-Trimethylbenzene	10.921	105	3600	0.105	ug/L	99

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

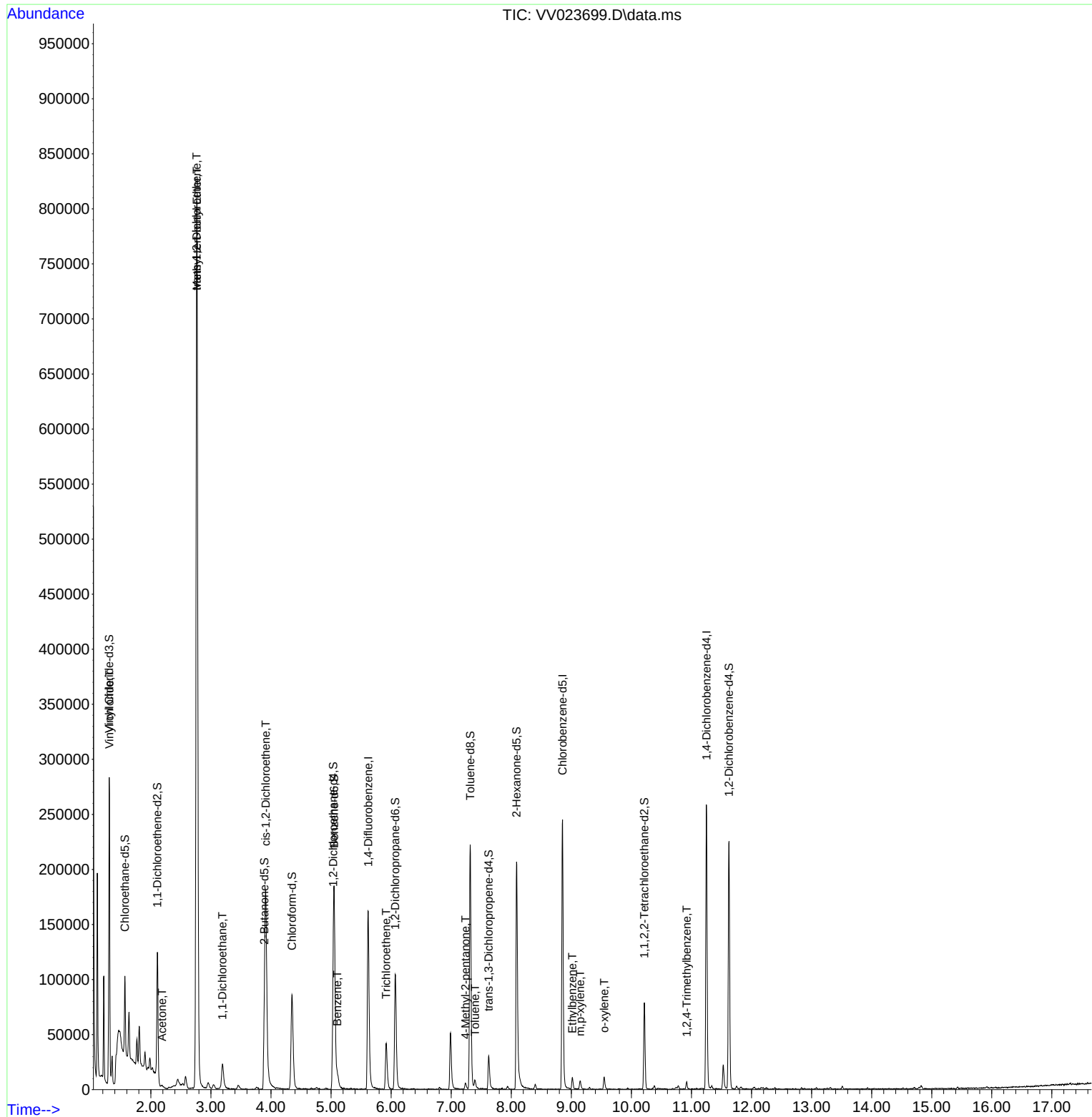
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112421\
Data File : VV023699.D
Acq On : 24 Nov 2021 14:41
Operator : SY/MD
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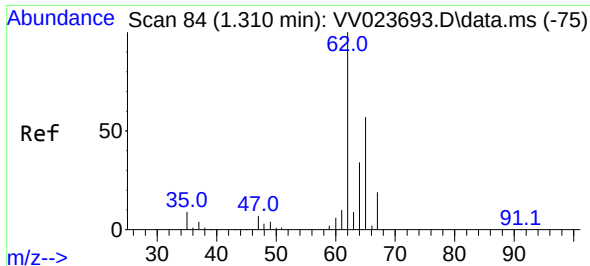
Instrument :
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ClientSampleId :
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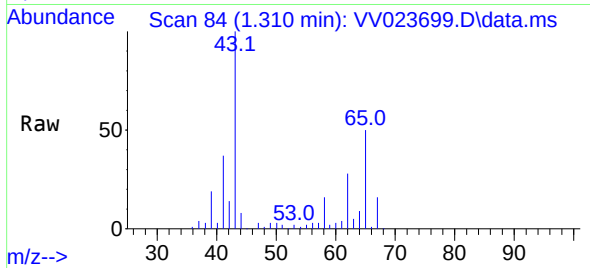
Quant Time: Nov 26 01:53:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 26 01:51:50 2021
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 1.858 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV023699.D
 Acq: 24 Nov 2021 14:41

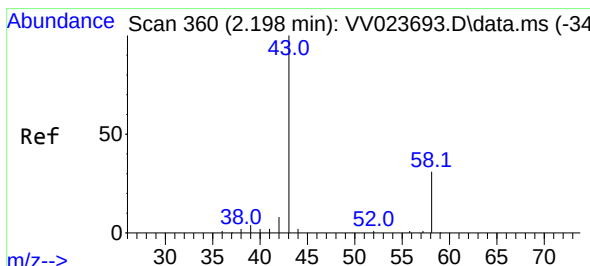
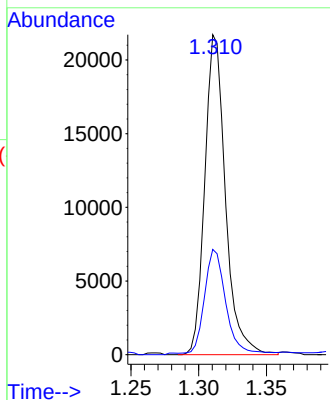
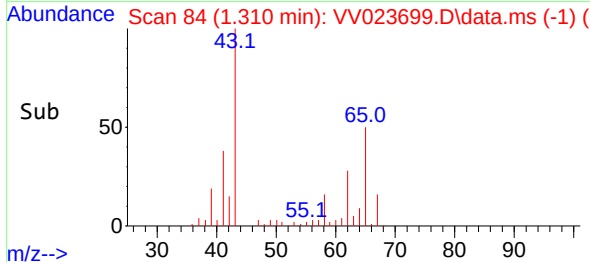
Instrument :
 MSVOA_V
 ClientSampleId :
 H4643



Tgt Ion: 62 Resp: 2302
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.4 41.6

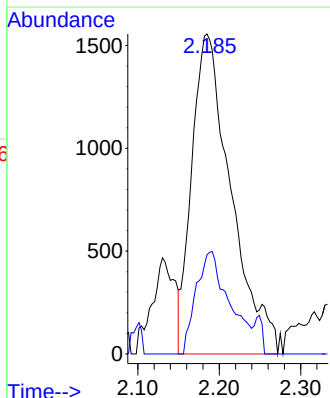
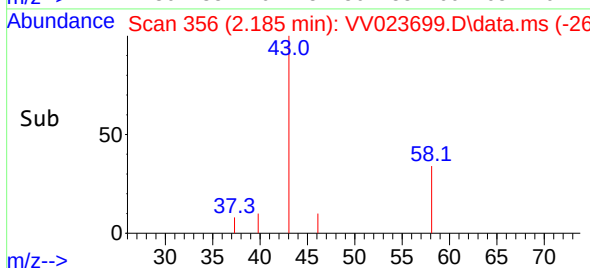
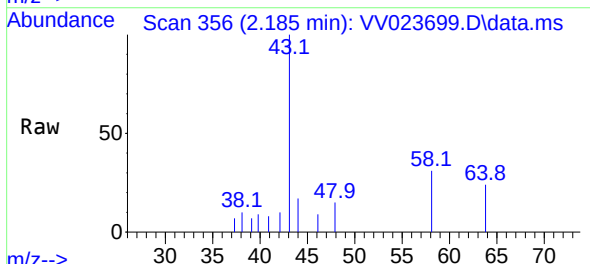
Manual Integrations
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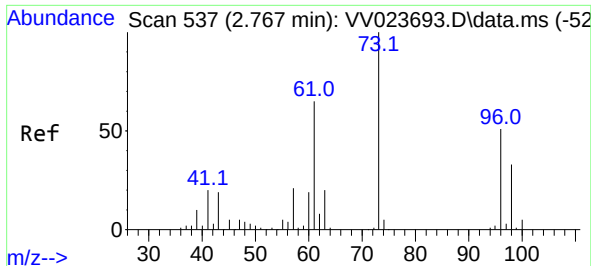
Reviewed By :John Carlone 11/26/2021
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#13
 Acetone
 Concen: 4.091 ug/L m
 RT: 2.185 min Scan# 356
 Delta R.T. -0.013 min
 Lab File: VV023699.D
 Acq: 24 Nov 2021 14:41

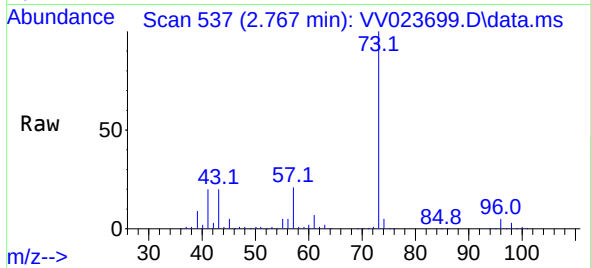
Tgt Ion: 43 Resp: 5197
 Ion Ratio Lower Upper
 43 100
 58 27.1 0.0 41.4





#17
Methyl tert-butyl Ether
Concen: 37.703 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV023699.D
Acq: 24 Nov 2021 14:41

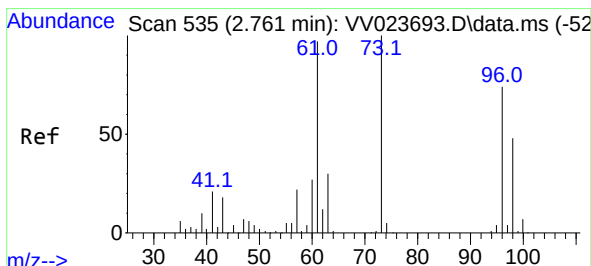
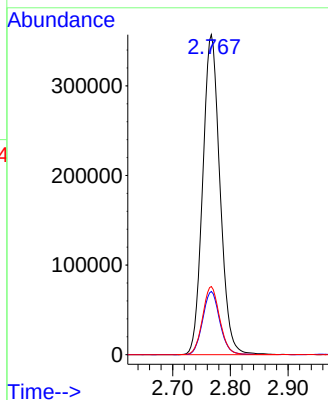
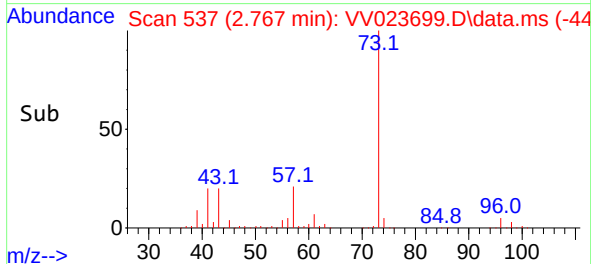
Instrument :
MSVOA_V
ClientSampleId :
H4643



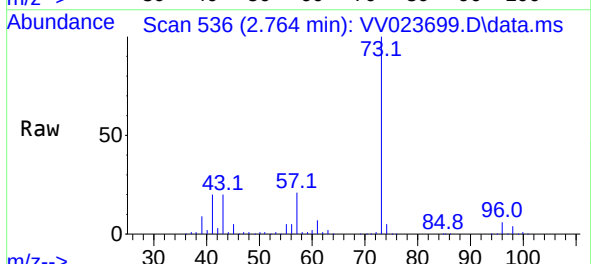
Tgt Ion: 73 Resp: 74064
Ion Ratio Lower Upper
73 100
43 19.7 15.5 23.3
57 21.2 17.1 25.7

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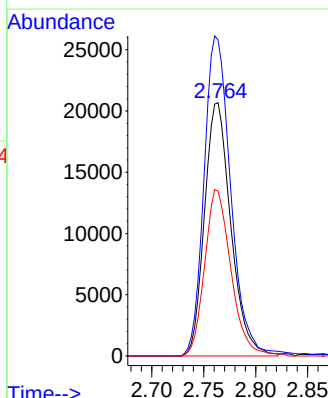
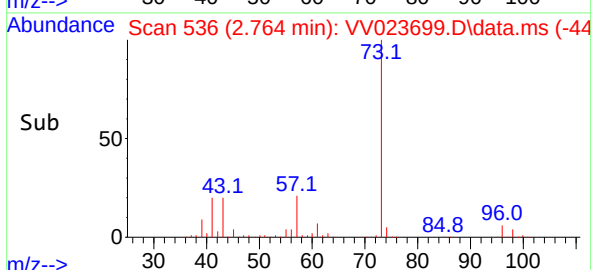
Reviewed By :John Carlone 11/26/2021
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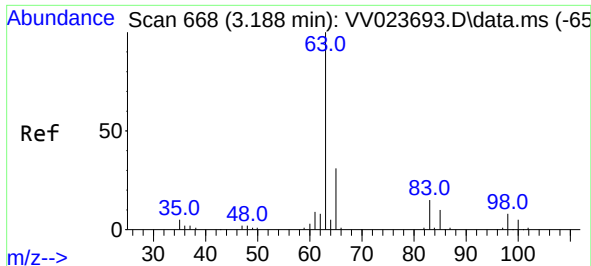


#18
trans-1,2-Dichloroethene
Concen: 3.338 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV023699.D
Acq: 24 Nov 2021 14:41



Tgt Ion: 96 Resp: 36444
Ion Ratio Lower Upper
96 100
61 124.8 88.2 163.8
98 65.1 44.9 83.5





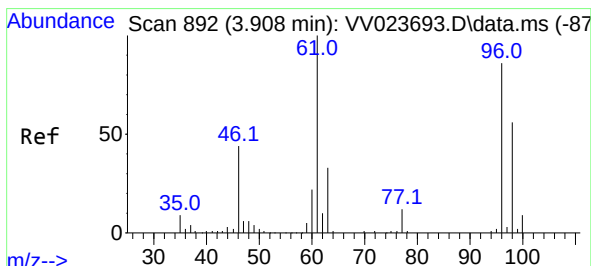
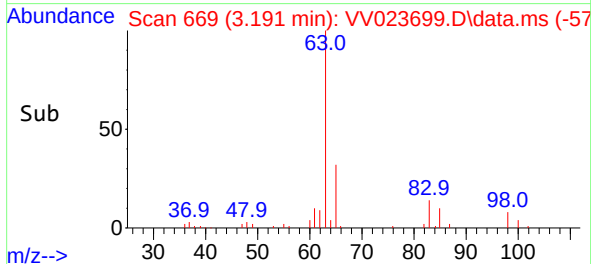
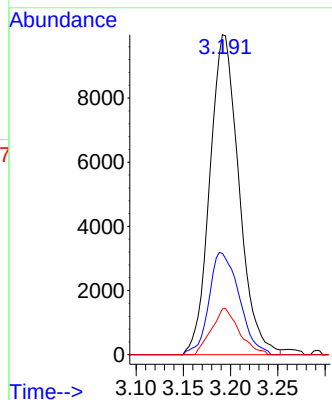
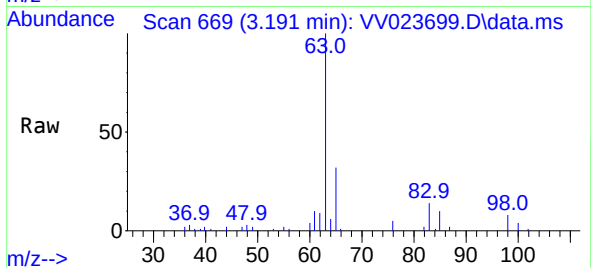
#19
1,1-Dichloroethane
Concen: 1.165 ug/L
RT: 3.191 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV023699.D
Acq: 24 Nov 2021 14:41

Instrument :
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ClientSampleId :
H4643

Tgt Ion: 63 Resp: 21389
Ion Ratio Lower Upper
63 100
65 31.6 22.3 41.3
83 14.3 10.7 19.9

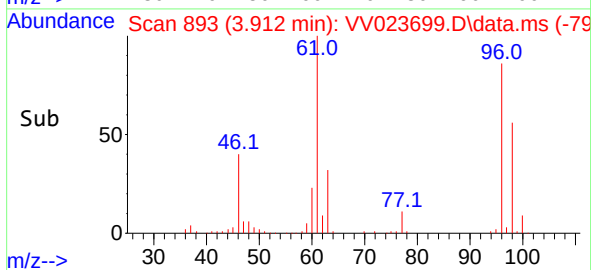
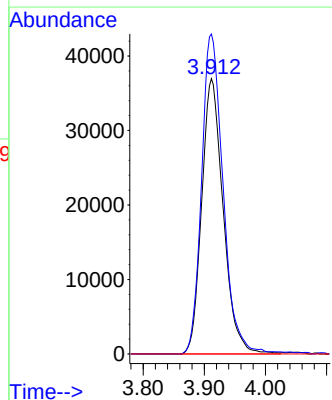
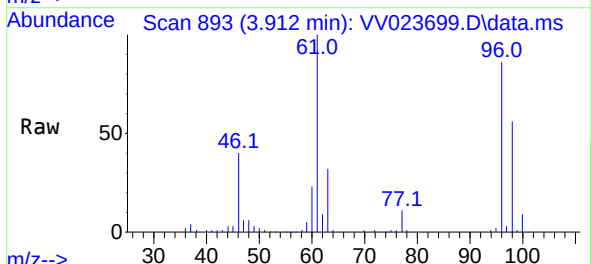
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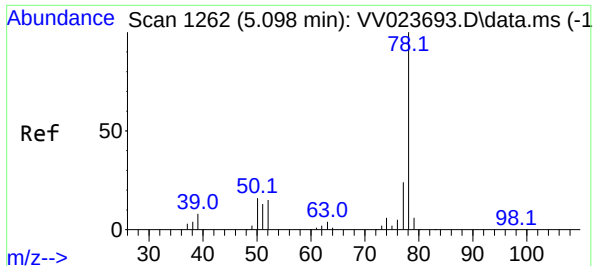
Reviewed By :John Carlone 11/26/2021
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#22
cis-1,2-Dichloroethene
Concen: 8.619 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV023699.D
Acq: 24 Nov 2021 14:41

Tgt Ion: 96 Resp: 90245
Ion Ratio Lower Upper
96 100
61 116.2 83.4 154.8
68 0.0 0.0 0.0





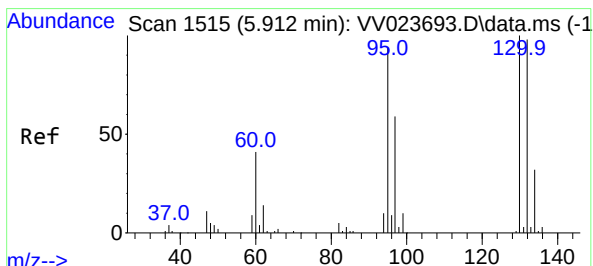
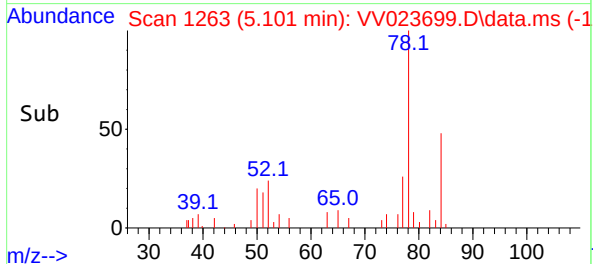
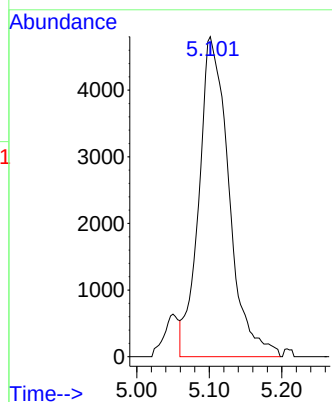
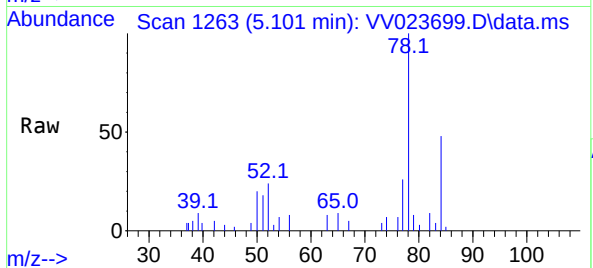
#33
Benzene
Concen: 0.345 ug/L
RT: 5.101 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV023699.D
Acq: 24 Nov 2021 14:41

Instrument :
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Tgt Ion: 78 Resp: 13780

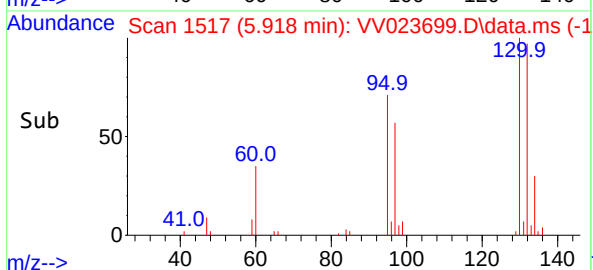
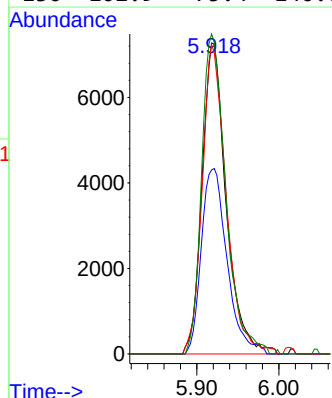
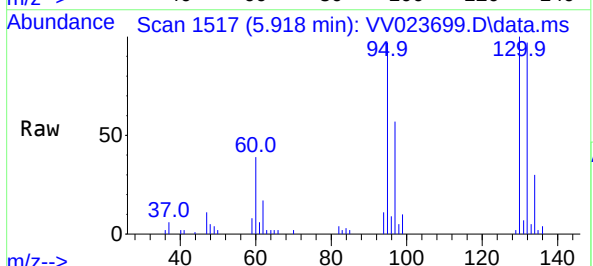
Manual Integrations
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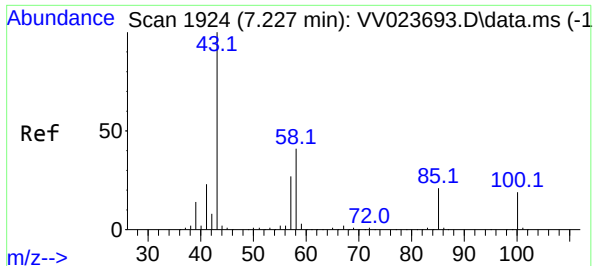
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#34
Trichloroethene
Concen: 1.392 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV023699.D
Acq: 24 Nov 2021 14:41

Tgt Ion: 95 Resp: 14883
Ion Ratio Lower Upper
95 100
97 59.1 45.2 84.0
132 99.5 76.1 141.3
130 102.9 75.4 140.0





#40

4-Methyl-2-pentanone

Concen: 0.804 ug/L

RT: 7.239 min Scan# 1924

Delta R.T. 0.013 min

Lab File: VV023699.D

Acq: 24 Nov 2021 14:41

Instrument :

MSVOA_V

ClientSampleId :

H4643

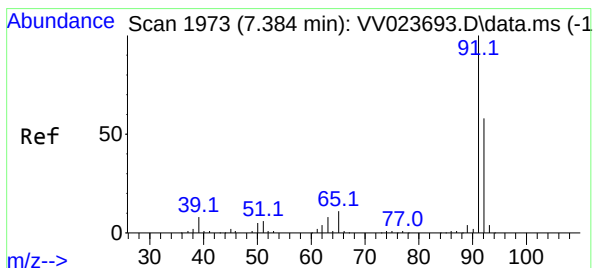
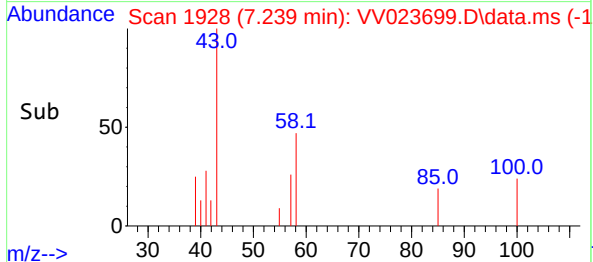
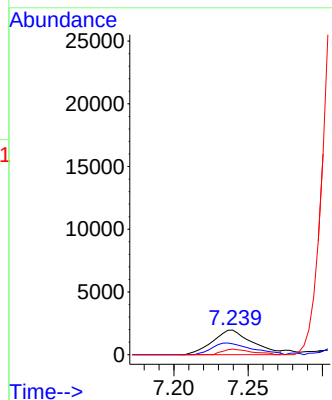
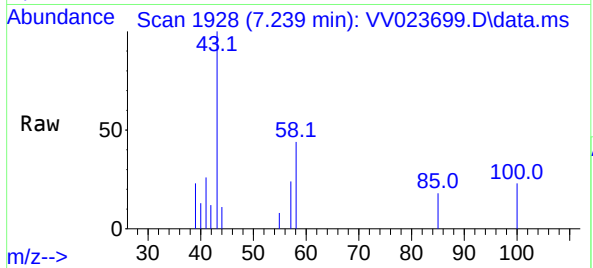
Tgt Ion: 43	Resp: 3639
Ion Ratio	Lower Upper
43	100
58	47.2 32.3 48.5
100	0.0 13.0 19.6

Manual Integrations

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#42

Toluene

Concen: 0.120 ug/L

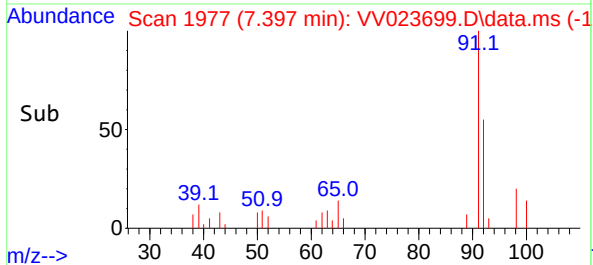
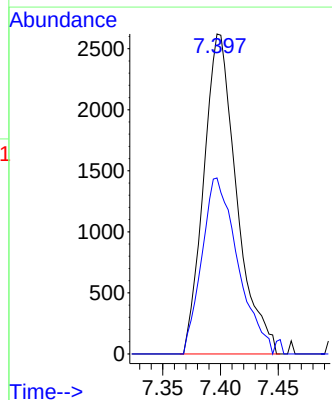
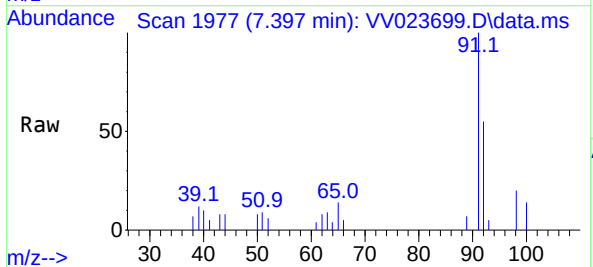
RT: 7.397 min Scan# 1977

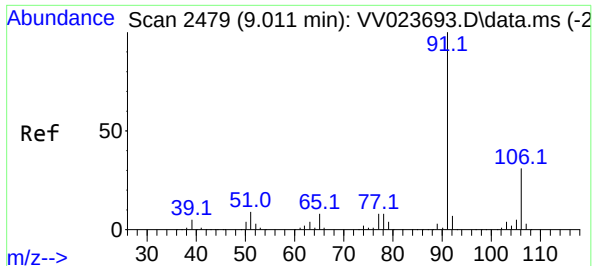
Delta R.T. 0.013 min

Lab File: VV023699.D

Acq: 24 Nov 2021 14:41

Tgt Ion: 91	Resp: 5186
Ion Ratio	Lower Upper
91	100
92	55.0 41.5 77.1





#52

Ethylbenzene

Concen: 0.170 ug/L

RT: 9.017 min Scan# 2479

Delta R.T. 0.006 min

Lab File: VV023699.D

Acq: 24 Nov 2021 14:41

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ClientSampleId :

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Tgt Ion: 91 Resp: 768

Ion Ratio Lower Upper

91 100

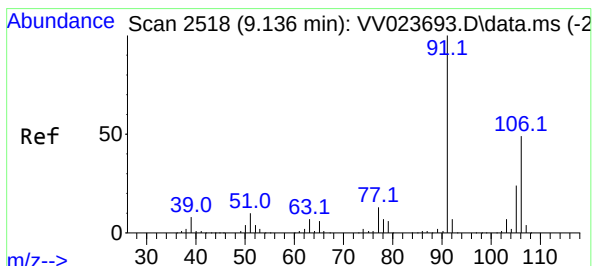
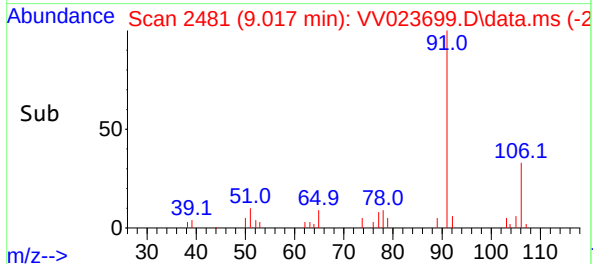
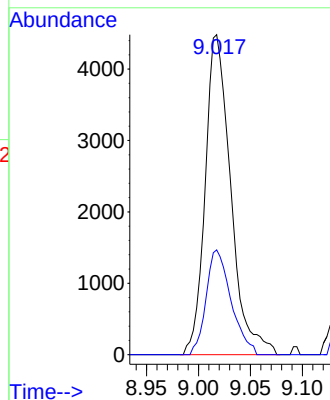
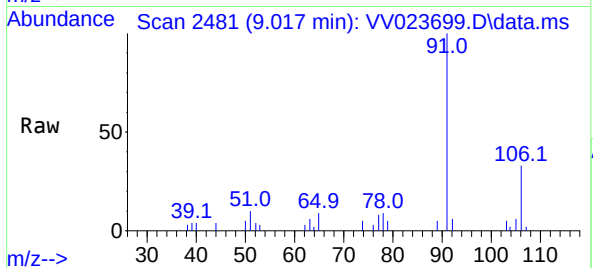
106 32.8 22.0 41.0

Manual Integrations

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#53

m,p-xylene

Concen: 0.128 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.010 min

Lab File: VV023699.D

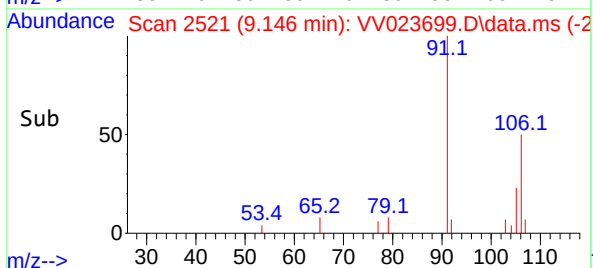
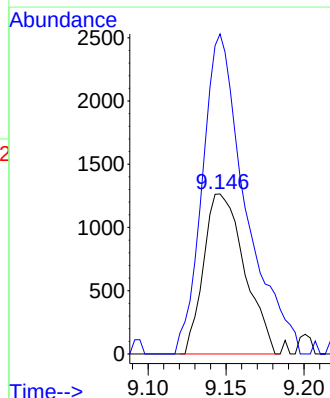
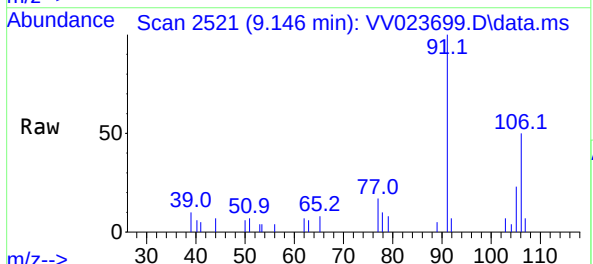
Acq: 24 Nov 2021 14:41

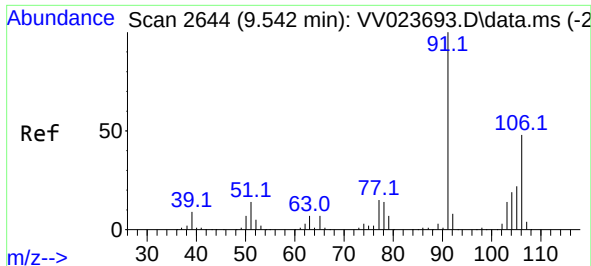
Tgt Ion:106 Resp: 2300

Ion Ratio Lower Upper

106 100

91 200.0 139.5 259.1





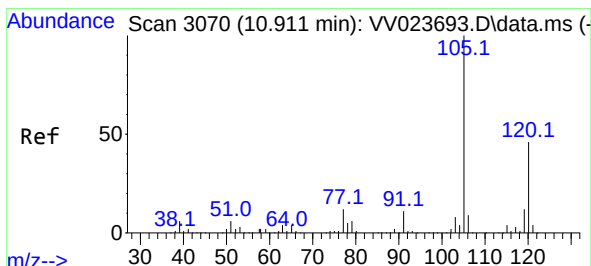
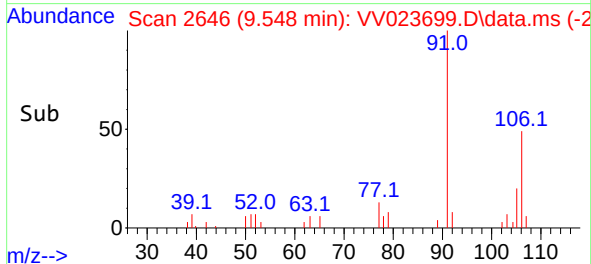
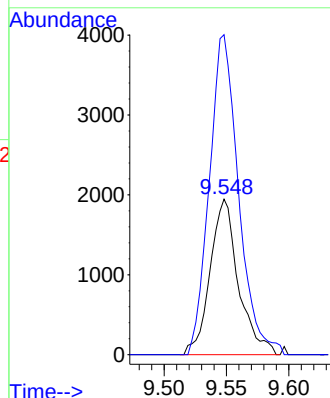
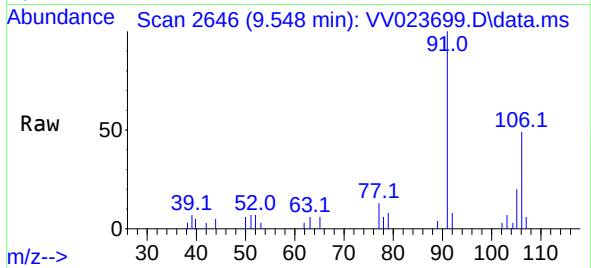
#54
o-xylene
Concen: 0.180 ug/L
RT: 9.548 min Scan# 206
Delta R.T. 0.006 min
Lab File: VV023699.D
Acq: 24 Nov 2021 14:41

Instrument :
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Tgt Ion:106 Resp: 308
Ion Ratio Lower Upper
106 100
91 205.7 147.9 274.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/26/2021
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#63
1,2,4-Trimethylbenzene
Concen: 0.105 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.010 min
Lab File: VV023699.D
Acq: 24 Nov 2021 14:41

Tgt Ion:105 Resp: 3600
Ion Ratio Lower Upper
105 100
120 46.4 36.7 55.1

