

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111621\
 Data File : VW023552.D
 Acq On : 16 Nov 2021 22:46
 Operator : SY/MD
 Sample : M4627-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4637

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/17/2021
 Supervised By : Mahesh Dadoda 11/18/2021

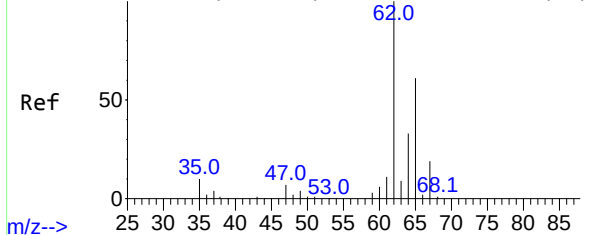
Quant Time: Nov 17 03:40:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 17 02:49:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	120586	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	120217	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55951	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	31066	4.112	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.200%
7) Chloroethane-d5	1.568	69	23903	3.882	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.600%
11) 1,1-Dichloroethene-d2	2.108	63	45592	3.224	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.400%
20) 2-Butanone-d5	3.905	46	51368m	39.469	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.940%
24) Chloroform-d	4.352	84	57853	3.594	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.800%
26) 1,2-Dichloroethane-d4	5.037	65	28507	3.938	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
32) Benzene-d6	5.050	84	117123	3.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.000%
36) 1,2-Dichloropropane-d6	6.072	67	36706	4.043	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.800%
41) Toluene-d8	7.317	98	104013	3.598	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.000%
43) trans-1,3-Dichloroprop...	7.628	79	12567	3.650	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.000%
46) 2-Hexanone-d5	8.091	63	45161	35.651	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.300%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25390	3.888	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	42752	4.589	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						
5) Vinyl chloride	1.310	62	581093	58.200	ug/L	98
12) 1,1-Dichloroethene	2.117	96	14546	2.023	ug/L #	69
13) Acetone	2.188	43	2587m	3.253	ug/L	
14) Carbon disulfide	2.297	76	2348	0.087	ug/L #	74
18) trans-1,2-Dichloroethene	2.760	96	118542	13.410	ug/L	95
19) 1,1-Dichloroethane	3.191	63	9505	0.637	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	297431	34.962	ug/L #	92
25) Chloroform	4.378	83	6280	0.395	ug/L	96
30) Cyclohexane	4.670	56	1720	0.131	ug/L #	92
33) Benzene	5.104	78	19284	0.574	ug/L	100
34) Trichloroethene	5.915	95	42334	4.738	ug/L	94
35) Methylcyclohexane	6.111	83	1295m	0.092	ug/L	
42) Toluene	7.394	91	13348	0.371	ug/L	92
52) Ethylbenzene	9.017	91	4249	0.112	ug/L	96
53) m,p-xylene	9.149	106	2352	0.158	ug/L	92

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

Abundance Scan 84 (1.311 min): VV023549.D\data.ms (-76)



#5

Vinyl chloride

Concen: 58.200 ug/L

RT: 1.310 min Scan# 84

Delta R.T. -0.000 min

Lab File: VV023552.D

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Instrument :

MSVOA_V

ClientSampleId :

H4637

Tgt Ion: 62 Resp: 58109

Ion Ratio Lower Upper

62 100

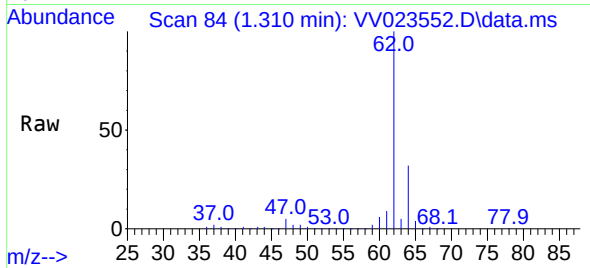
64 32.0 23.1 42.9

Manual Integrations

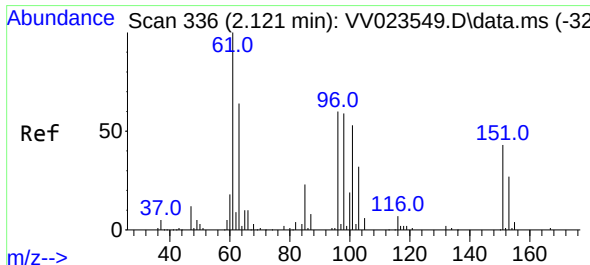
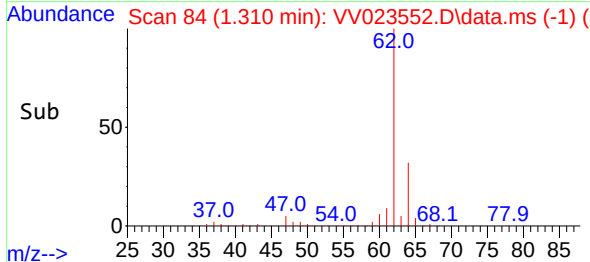
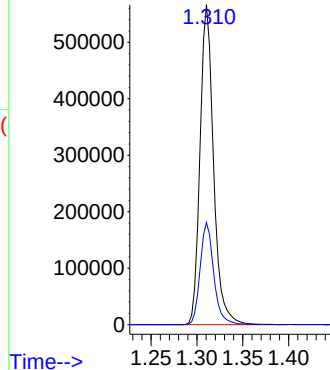
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Supervised By :Mahesh Dadoda 11/18/2021



Abundance



#12

1,1-Dichloroethene

Concen: 2.023 ug/L

RT: 2.117 min Scan# 335

Delta R.T. -0.003 min

Lab File: VV023552.D

Acq: 16 Nov 2021 22:46

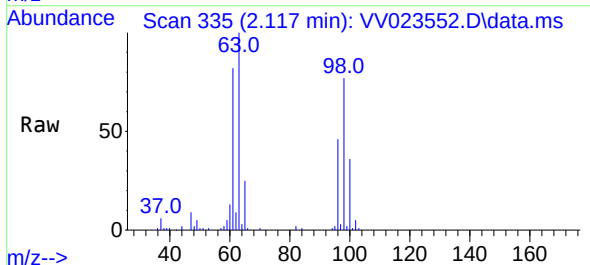
Tgt Ion: 96 Resp: 14546

Ion Ratio Lower Upper

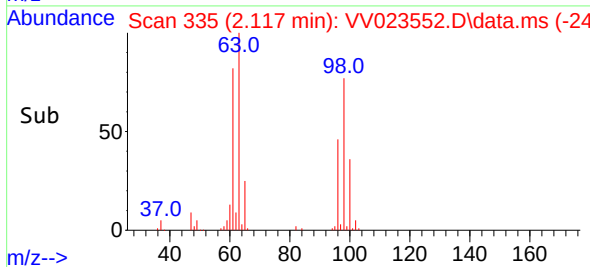
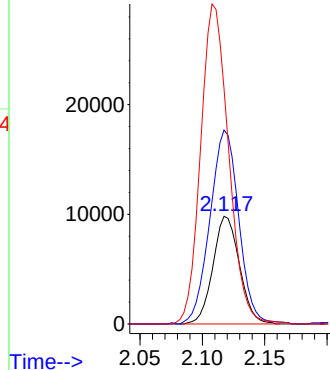
96 100

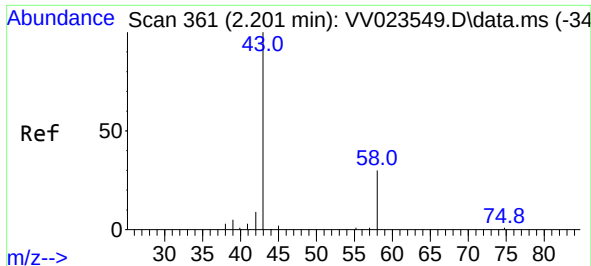
61 180.1 121.5 225.7

63 218.6 99.6 185.0#



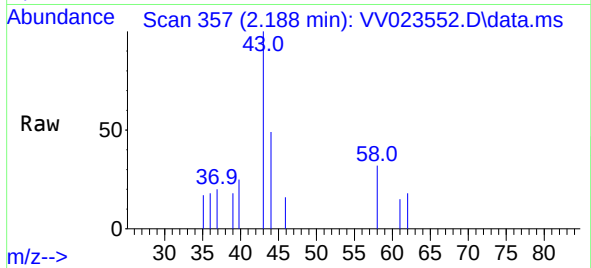
Abundance





#13
Acetone
Concen: 3.253 ug/L m
RT: 2.188 min Scan# 311
Delta R.T. -0.013 min
Lab File: VV023552.D
Acq: 16 Nov 2021 22:46

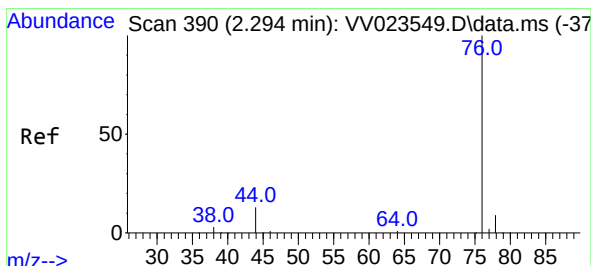
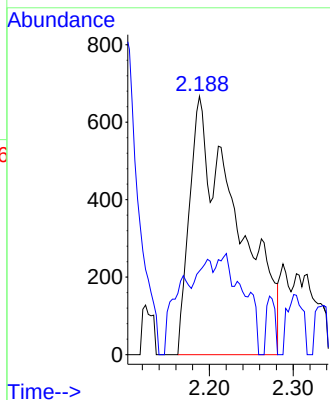
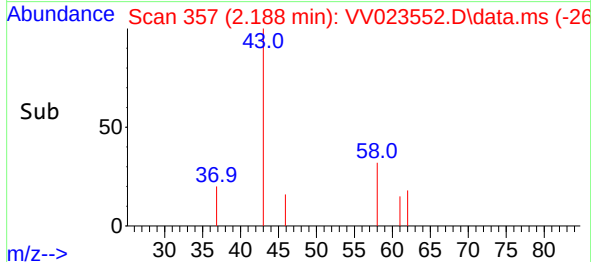
Instrument :
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ClientSampleId :
H4637



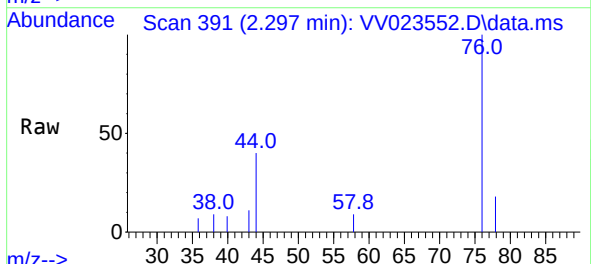
Tgt Ion: 43 Resp: 258
Ion Ratio Lower Upper
43 100
58 5.2 0.0 55.4

Manual Integrations
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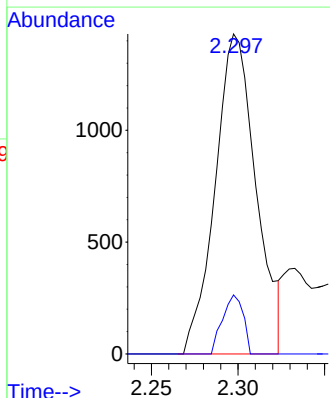
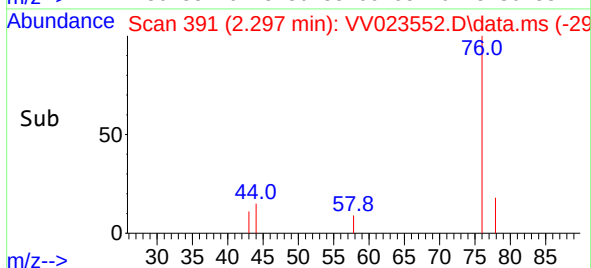
Reviewed By :John Carlone 11/17/2021
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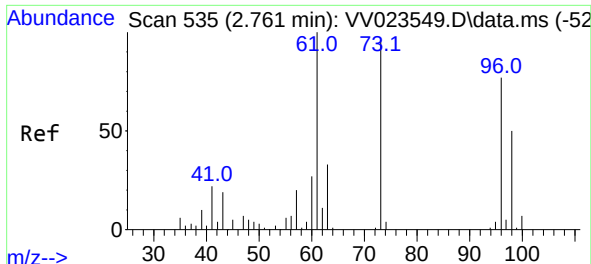


#14
Carbon disulfide
Concen: 0.087 ug/L
RT: 2.297 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV023552.D
Acq: 16 Nov 2021 22:46



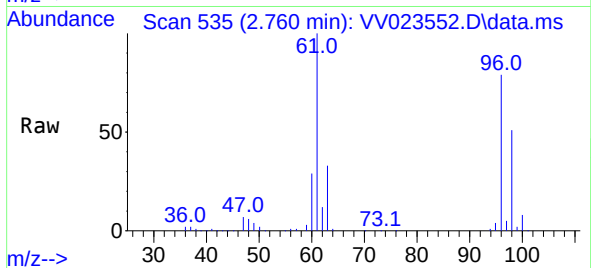
Tgt Ion: 76 Resp: 2348
Ion Ratio Lower Upper
76 100
78 18.4 7.2 10.8#





#18
trans-1,2-Dichloroethene
Concen: 13.410 ug/L
RT: 2.760 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV023552.D
Acq: 16 Nov 2021 22:46

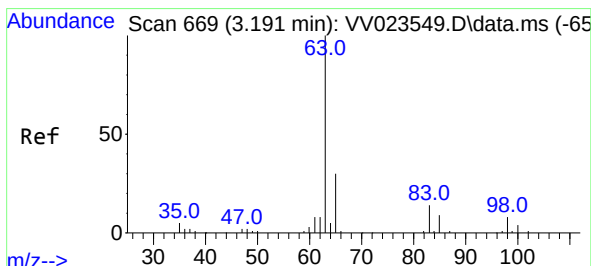
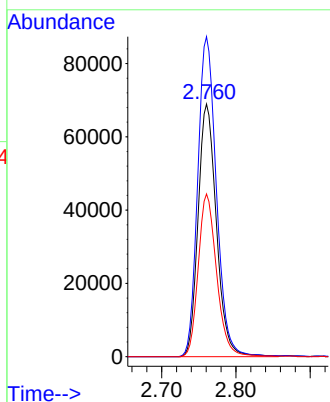
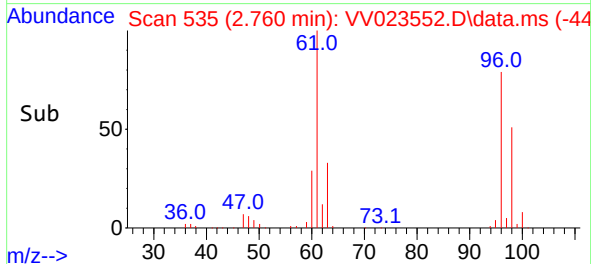
Instrument :
MSVOA_V
ClientSampleId :
H4637



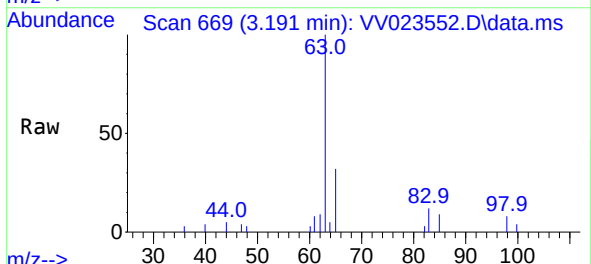
Tgt Ion: 96 Resp: 11854
Ion Ratio Lower Upper
96 100
61 126.7 93.2 173.2
98 64.4 47.0 87.2

Manual Integrations
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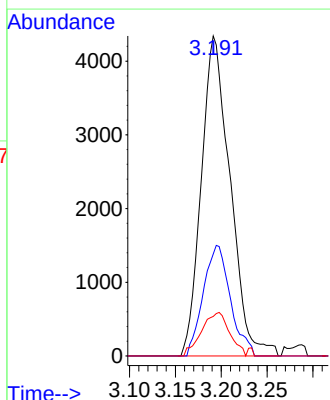
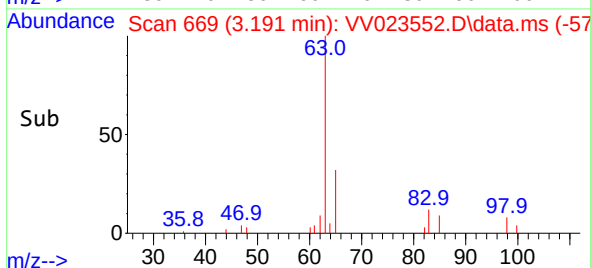
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

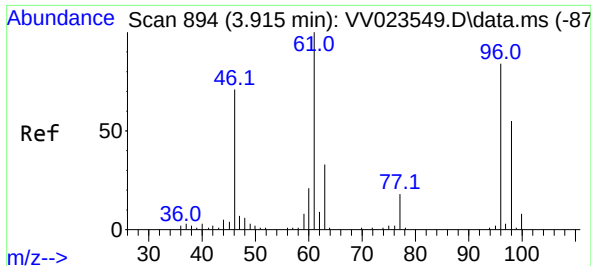


#19
1,1-Dichloroethane
Concen: 0.637 ug/L
RT: 3.191 min Scan# 669
Delta R.T. -0.000 min
Lab File: VV023552.D
Acq: 16 Nov 2021 22:46



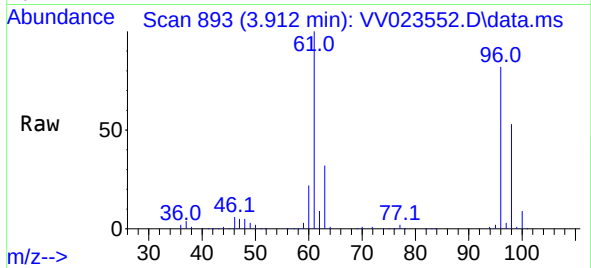
Tgt Ion: 63 Resp: 9505
Ion Ratio Lower Upper
63 100
65 31.9 22.6 42.0
83 12.3 11.1 20.7





#22
cis-1,2-Dichloroethene
Concen: 34.962 ug/L
RT: 3.912 min Scan# 894
Delta R.T. -0.003 min
Lab File: VV023552.D
Acq: 16 Nov 2021 22:46

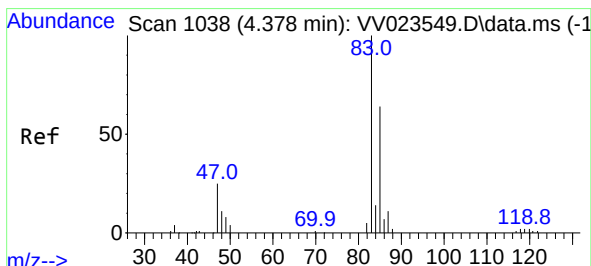
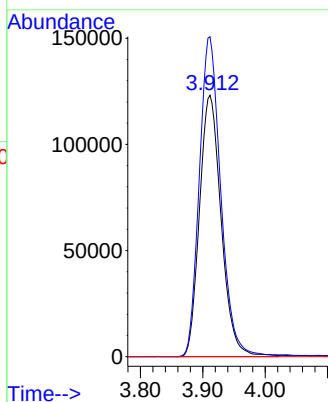
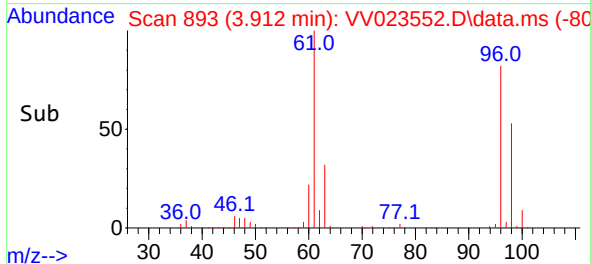
Instrument :
MSVOA_V
ClientSampleId :
H4637



Tgt Ion: 96 Resp: 29743
Ion Ratio Lower Upper
96 100
61 122.4 92.3 171.3
68 0.0 0.4 0.8

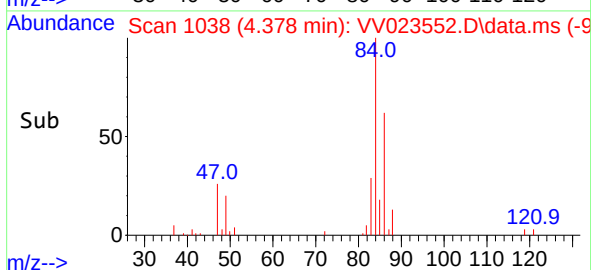
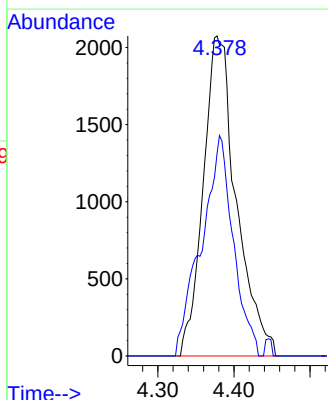
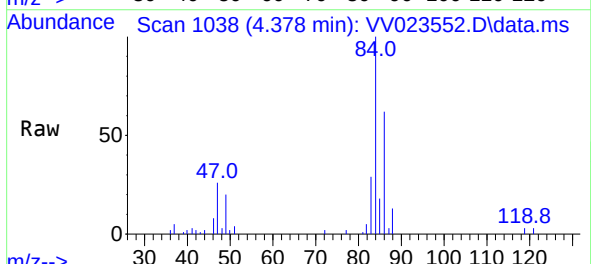
Manual Integrations
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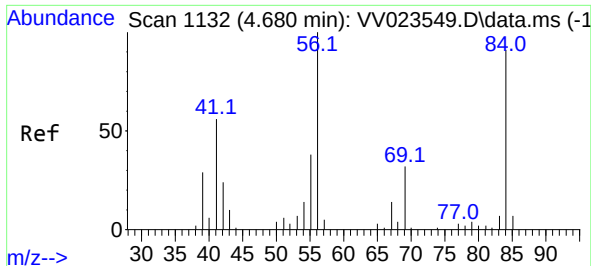
Reviewed By :John Carlone 11/17/2021
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#25
Chloroform
Concen: 0.395 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VV023552.D
Acq: 16 Nov 2021 22:46

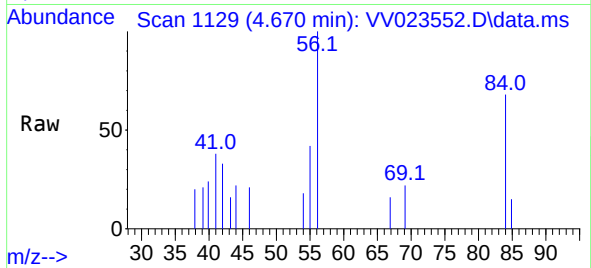
Tgt Ion: 83 Resp: 6280
Ion Ratio Lower Upper
83 100
85 63.4 46.8 86.8





#30
Cyclohexane
Concen: 0.131 ug/L
RT: 4.670 min Scan# 1132
Delta R.T. -0.010 min
Lab File: VV023552.D
Acq: 16 Nov 2021 22:46

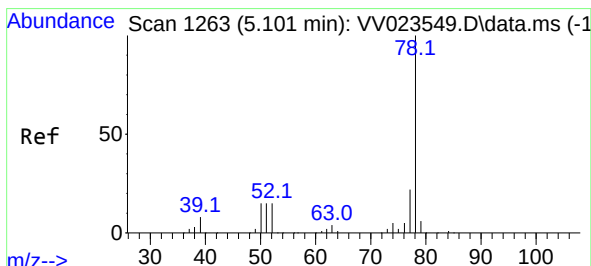
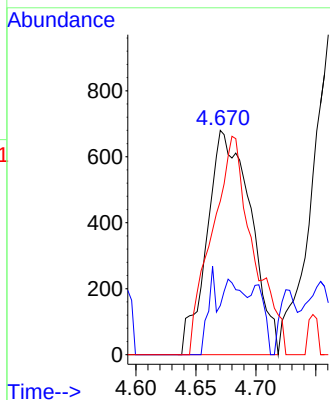
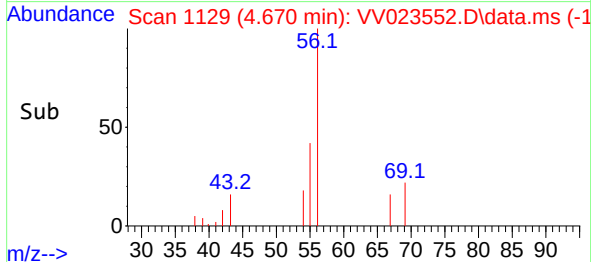
Instrument :
MSVOA_V
ClientSampleId :
H4637



Tgt Ion: 56 Resp: 1720
Ion Ratio Lower Upper
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69 15.6 23.5 35.3
84 91.6 71.6 107.4

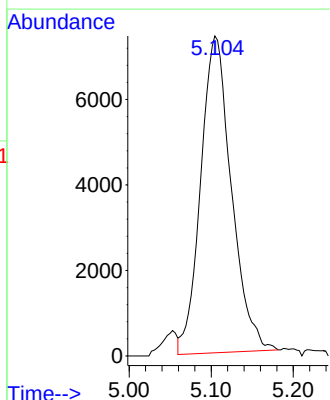
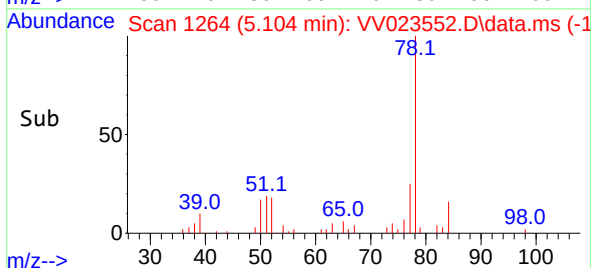
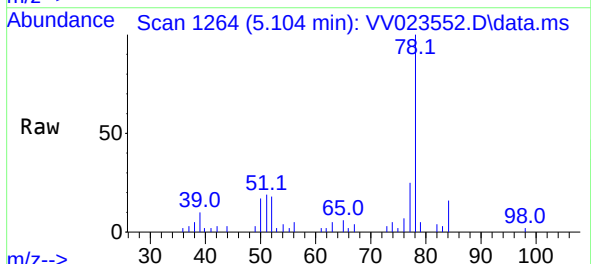
Manual Integrations
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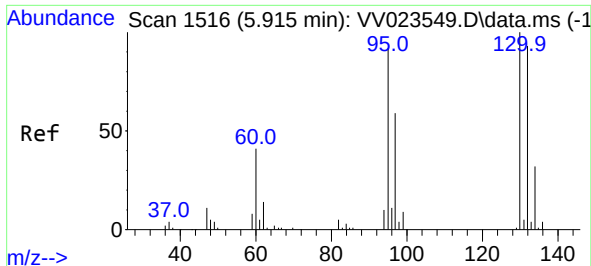
Reviewed By :John Carlone 11/17/2021
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#33
Benzene
Concen: 0.574 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VV023552.D
Acq: 16 Nov 2021 22:46

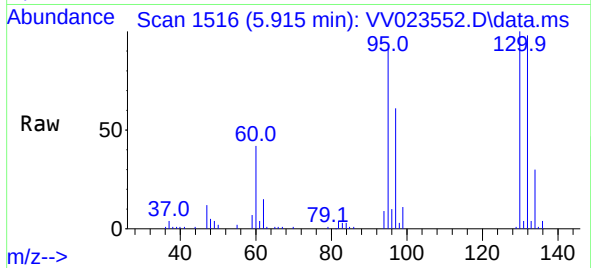
Tgt Ion: 78 Resp: 19284





#34
Trichloroethene
Concen: 4.738 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV023552.D
Acq: 16 Nov 2021 22:46

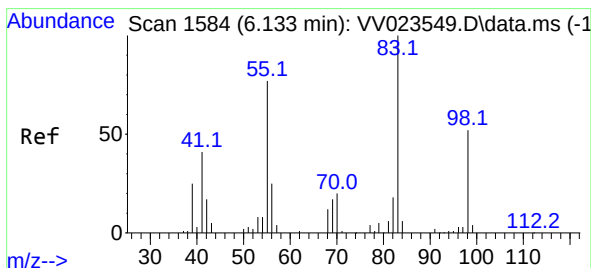
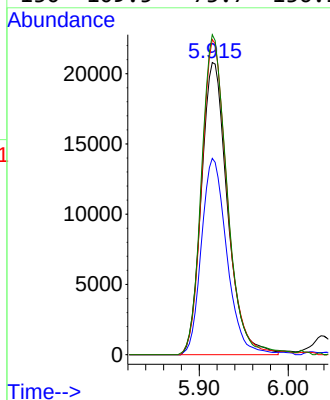
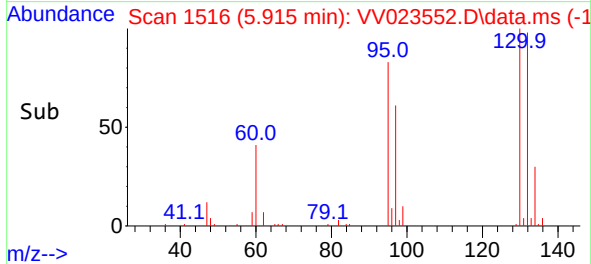
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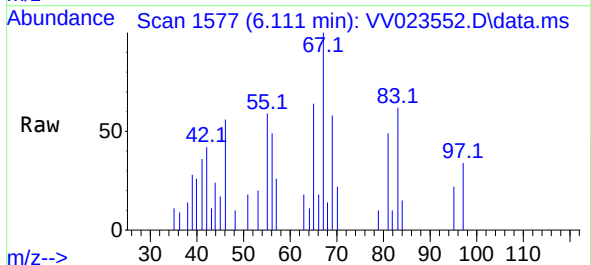
Tgt Ion: 95 Resp: 42334
Ion Ratio Lower Upper
95 100
97 67.2 45.0 83.6
132 107.8 69.7 129.4
130 109.5 73.7 136.9

Manual Integrations
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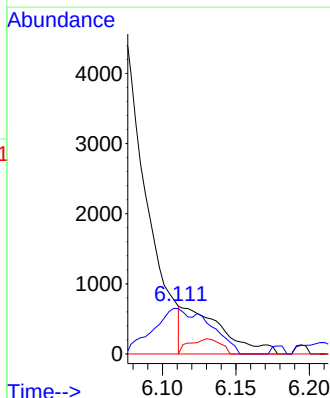
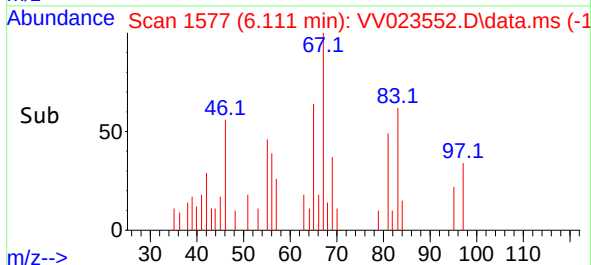
Reviewed By :John Carlone 11/17/2021
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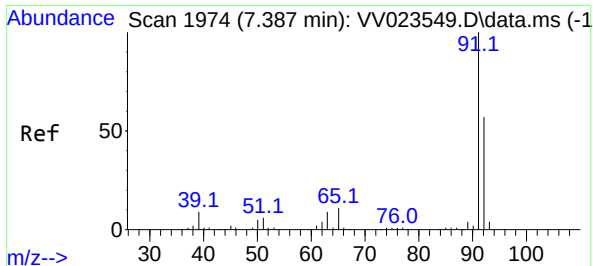


#35
Methylcyclohexane
Concen: 0.092 ug/L m
RT: 6.111 min Scan# 1577
Delta R.T. -0.023 min
Lab File: VV023552.D
Acq: 16 Nov 2021 22:46



Tgt Ion: 83 Resp: 1295
Ion Ratio Lower Upper
83 100
55 88.7 62.8 94.2
98 24.6 37.9 56.9#





#42

Toluene

Concen: 0.371 ug/L

RT: 7.394 min Scan# 1974

Delta R.T. 0.006 min

Lab File: VV023552.D

Acq: 16 Nov 2021 22:46

Instrument :

MSVOA_V

ClientSampleId :

H4637

Tgt Ion: 91 Resp: 1334

Ion Ratio Lower Upper

91 100

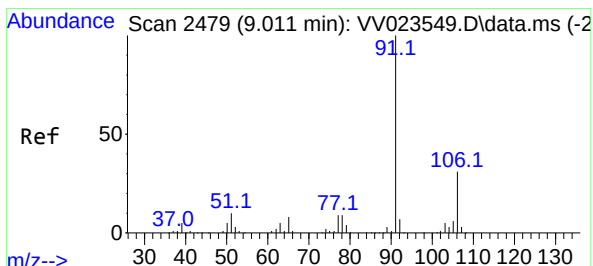
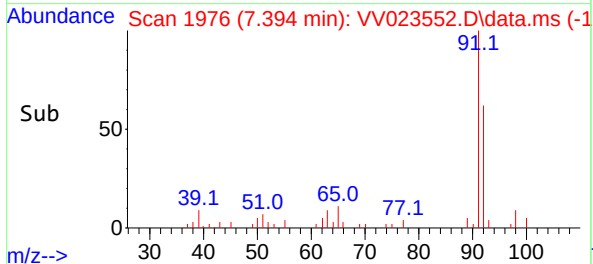
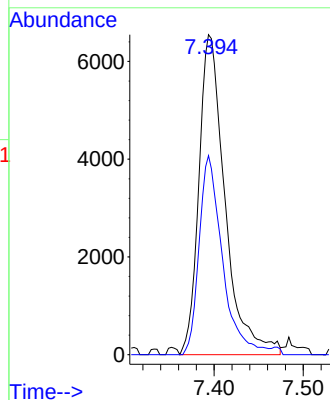
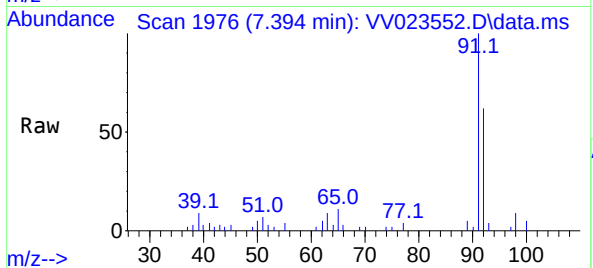
92 62.2 39.3 72.9

Manual Integrations

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#52

Ethylbenzene

Concen: 0.112 ug/L

RT: 9.017 min Scan# 2481

Delta R.T. 0.006 min

Lab File: VV023552.D

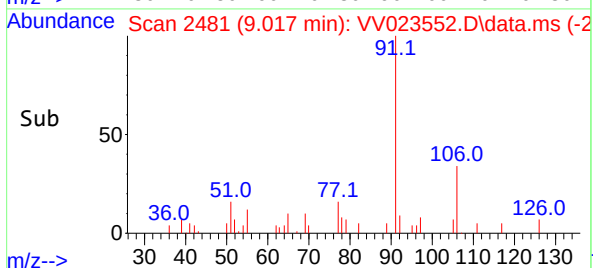
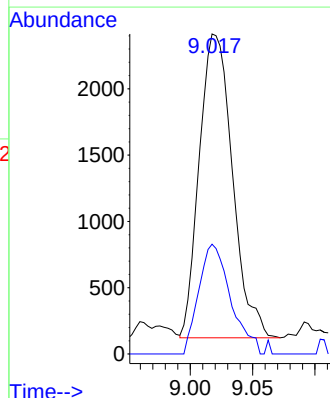
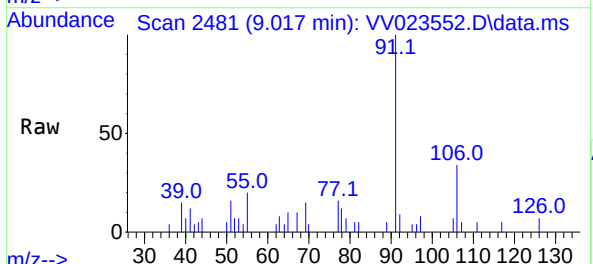
Acq: 16 Nov 2021 22:46

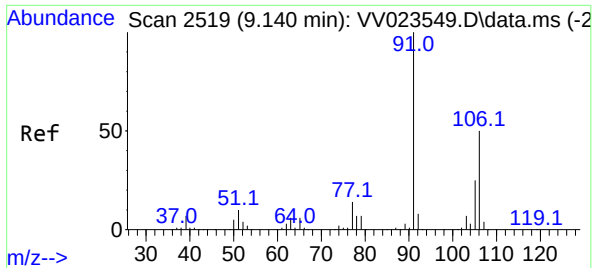
Tgt Ion: 91 Resp: 4249

Ion Ratio Lower Upper

91 100

106 34.3 22.5 41.9





#53
 m,p-xylene
 Concen: 0.158 ug/L
 RT: 9.149 min Scan# 21
 Delta R.T. 0.009 min
 Lab File: VV023552.D
 Acq: 16 Nov 2021 22:46

Instrument : MSVOA_V
 ClientSampleId : H4637

Tgt Ion:106 Resp: 2352

Ion	Ratio	Lower	Upper
106	100		
91	208.5	137.2	254.8

Manual Integrations
APPROVED
 Reviewed By :John Carlone 11/17/2021
 Supervised By :Mahesh Dadoda 11/18/2021

