

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111821\
 Data File : VW023607.D
 Acq On : 18 Nov 2021 16:23
 Operator : SY/MD
 Sample : M4694-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4653

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/19/2021
 Supervised By : Mahesh Dadoda 11/19/2021

Quant Time: Nov 19 02:14:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 02:11:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	121247	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	119146	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54572	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39025	5.138	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	102.800%	
7) Chloroethane-d5	1.568	69	31245	5.047	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.000%	
11) 1,1-Dichloroethene-d2	2.108	63	53491	3.762	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.200%	
20) 2-Butanone-d5	3.905	46	62346m	47.643	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	95.280%	
24) Chloroform-d	4.349	84	70425	4.351	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.000%	
26) 1,2-Dichloroethane-d4	5.034	65	35027	4.812	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.200%	
32) Benzene-d6	5.050	84	138230	4.522	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.400%	
36) 1,2-Dichloropropane-d6	6.072	67	40771	4.531	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.600%	
41) Toluene-d8	7.317	98	120702	4.213	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.200%	
43) trans-1,3-Dichloroprop...	7.625	79	14121	4.138	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.800%	
46) 2-Hexanone-d5	8.095	63	53750	42.812	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	85.620%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28051	4.334	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	45497	5.007	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.200%	
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	121839	12.136	ug/L	100
8) Chloroethane	1.587	64	2799	0.483	ug/L #	70
13) Acetone	2.195	43	4627m	5.787	ug/L	
17) Methyl tert-butyl Ether	2.767	73	29825	1.874	ug/L #	89
18) trans-1,2-Dichloroethene	2.760	96	58471	6.578	ug/L	98
19) 1,1-Dichloroethane	3.191	63	26706	1.780	ug/L	96
22) cis-1,2-Dichloroethene	3.915	96	21776	2.546	ug/L #	91
30) Cyclohexane	4.683	56	1296	0.100	ug/L	95
33) Benzene	5.108	78	24282	0.729	ug/L	100
34) Trichloroethene	5.934	95	476	0.054	ug/L	93

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

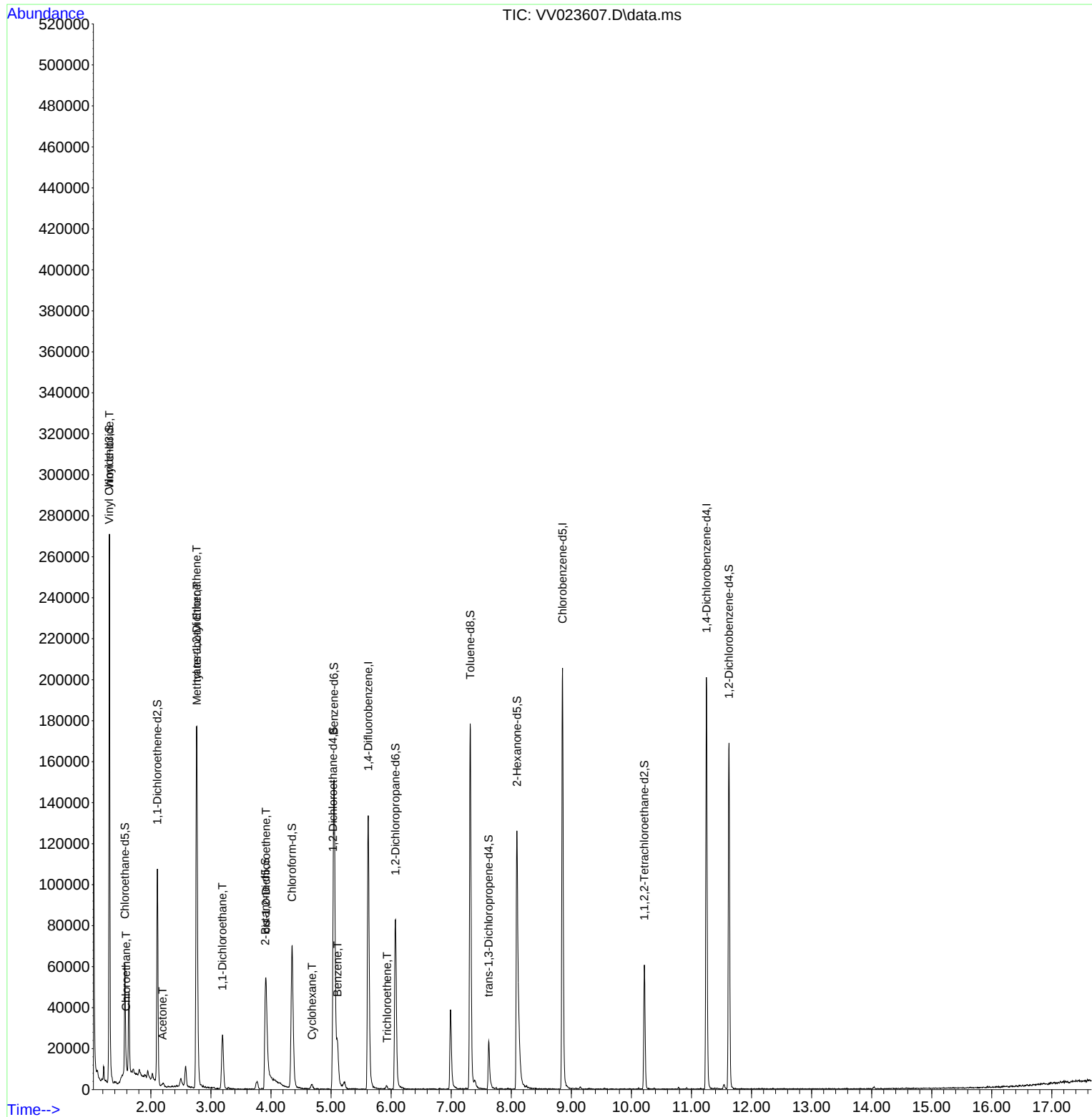
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111821\
Data File : VV023607.D
Acq On : 18 Nov 2021 16:23
Operator : SY/MD
Sample : M4694-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4653

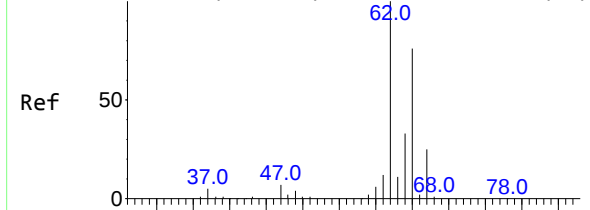
Manual Integrations
APPROVED

Reviewed By : John Carlone 11/19/2021
Supervised By : Mahesh Dadoda 11/19/2021

Quant Time: Nov 19 02:14:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 19 02:11:08 2021
Response via : Initial Calibration



Abundance Scan 84 (1.310 min): VV023593.D\data.ms (-76)



#5

Vinyl chloride

Concen: 12.136 ug/L

RT: 1.310 min Scan# 84

Delta R.T. 0.000 min

Lab File: VV023607.D

Acq: 18 Nov 2021 16:23

Instrument :

MSVOA_V

ClientSampleId :

H4653

Tgt Ion: 62 Resp: 121839

Ion Ratio Lower Upper

62 100

64 32.8 23.1 42.9

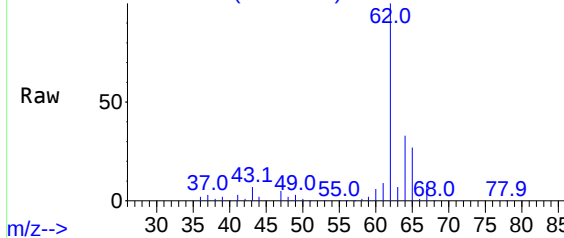
Manual Integrations

APPROVED

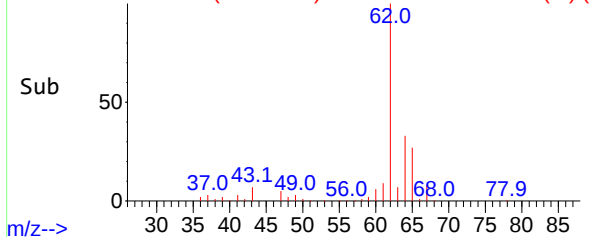
Reviewed By :John Carlone 11/19/2021

Supervised By :Mahesh Dadoda 11/19/2021

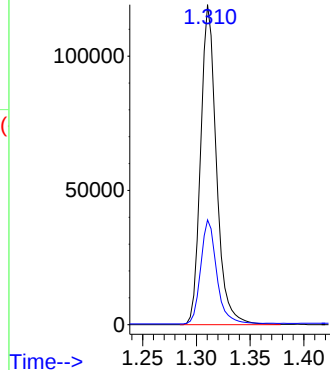
Abundance Scan 84 (1.310 min): VV023607.D\data.ms



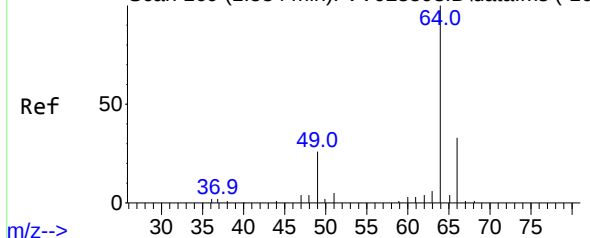
Abundance Scan 84 (1.310 min): VV023607.D\data.ms (-1)



Abundance



Abundance Scan 169 (1.584 min): VV023593.D\data.ms (-16)



#8

Chloroethane

Concen: 0.483 ug/L

RT: 1.587 min Scan# 170

Delta R.T. 0.003 min

Lab File: VV023607.D

Acq: 18 Nov 2021 16:23

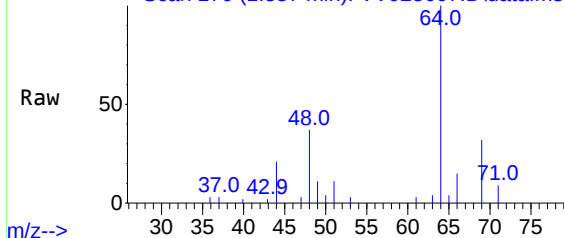
Tgt Ion: 64 Resp: 2799

Ion Ratio Lower Upper

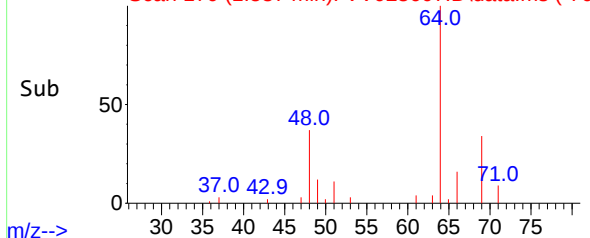
64 100

66 14.8 22.1 41.1#

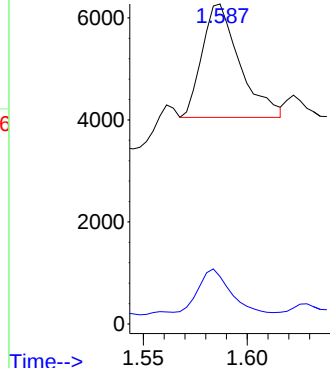
Abundance Scan 170 (1.587 min): VV023607.D\data.ms

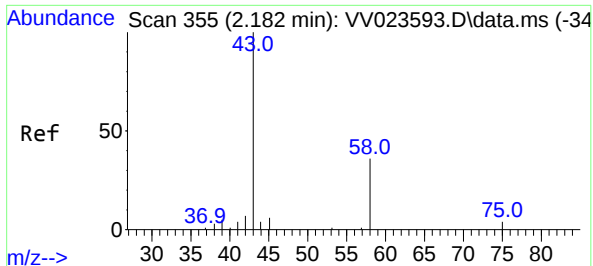


Abundance Scan 170 (1.587 min): VV023607.D\data.ms (-76)



Abundance





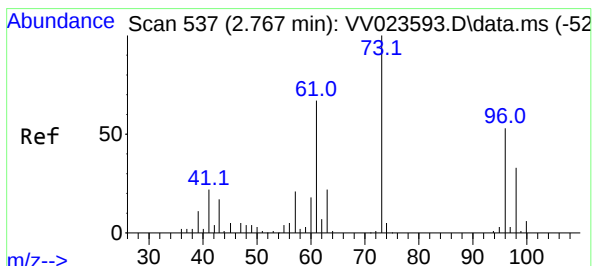
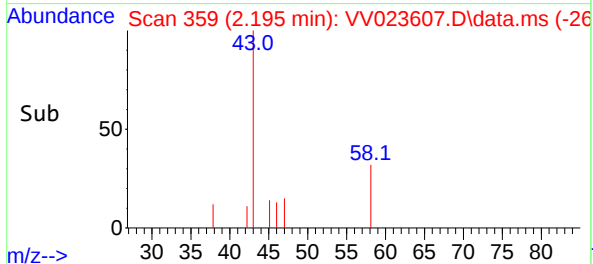
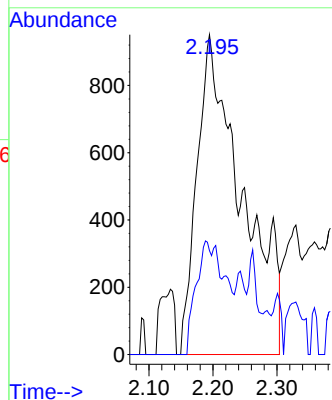
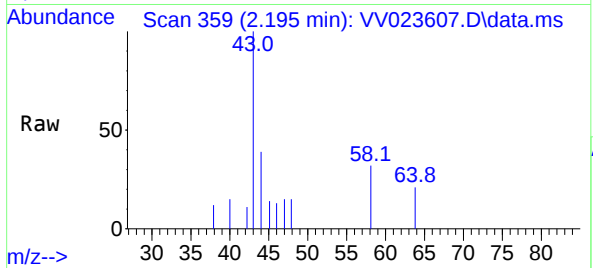
#13
Acetone
Concen: 5.787 ug/L m
RT: 2.195 min Scan# 3
Delta R.T. 0.013 min
Lab File: VV023607.D
Acq: 18 Nov 2021 16:23

Instrument :
MSVOA_V
ClientSampleId :
H4653

Tgt Ion: 43 Resp: 462
Ion Ratio Lower Upper
43 100
58 12.1 0.0 55.4

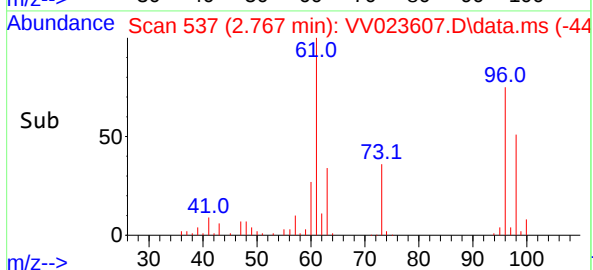
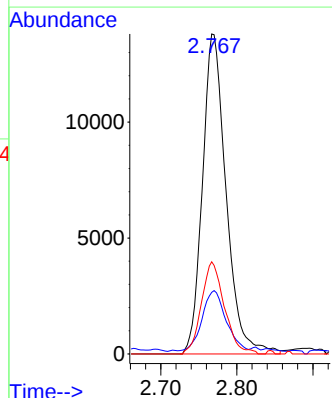
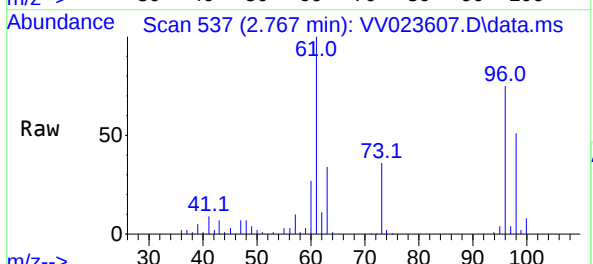
Manual Integrations
APPROVED

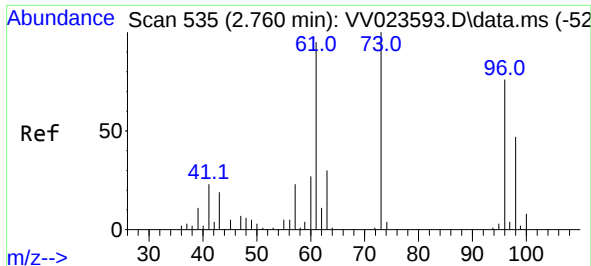
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#17
Methyl tert-butyl Ether
Concen: 1.874 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV023607.D
Acq: 18 Nov 2021 16:23

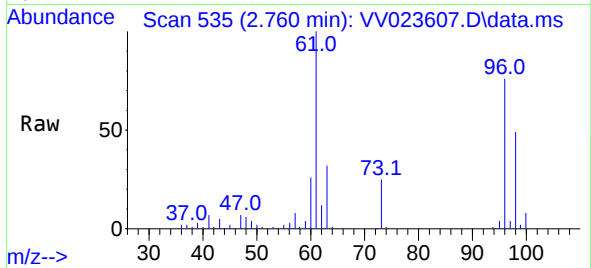
Tgt Ion: 73 Resp: 29825
Ion Ratio Lower Upper
73 100
43 18.8 17.4 26.0
57 28.0 16.5 24.7#





#18
trans-1,2-Dichloroethene
Concen: 6.578 ug/L
RT: 2.760 min Scan# 511
Delta R.T. 0.000 min
Lab File: VV023607.D
Acq: 18 Nov 2021 16:23

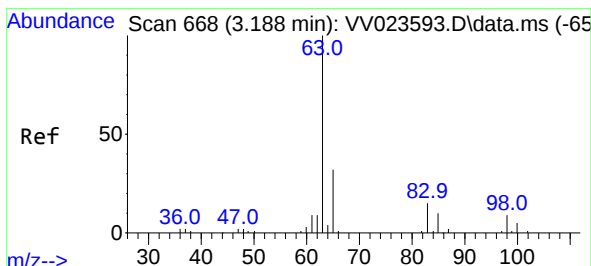
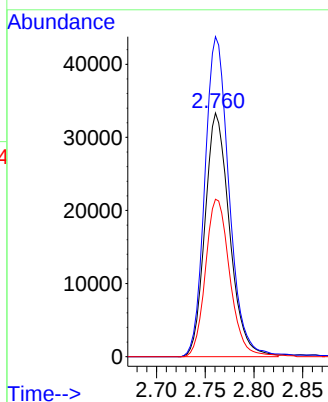
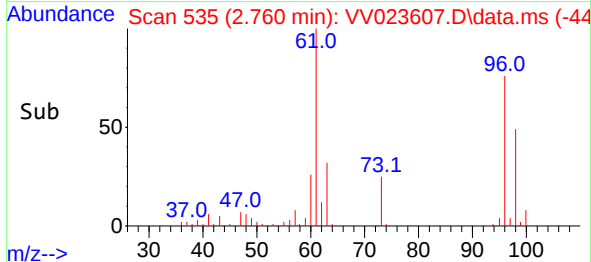
Instrument :
MSVOA_V
ClientSampleId :
H4653



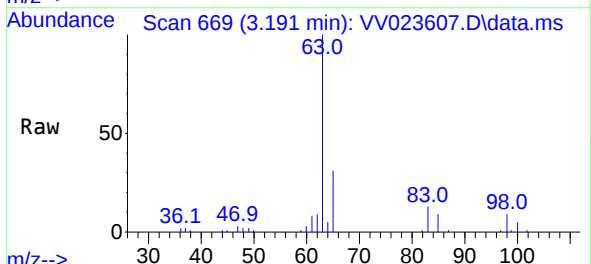
Tgt Ion: 96 Resp: 5847
Ion Ratio Lower Upper
96 100
61 131.3 93.2 173.2
98 64.6 47.0 87.2

Manual Integrations
APPROVED

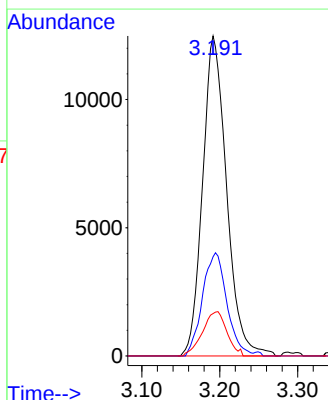
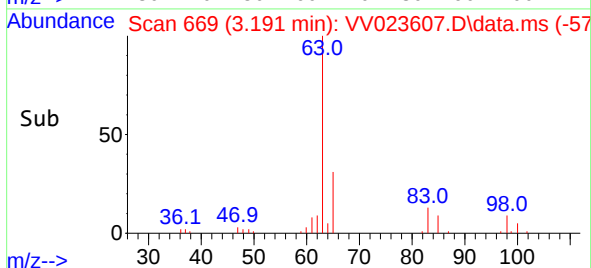
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

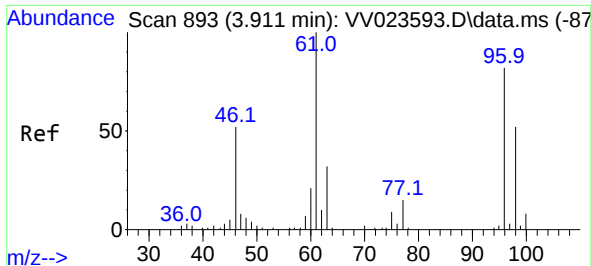


#19
1,1-Dichloroethane
Concen: 1.780 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV023607.D
Acq: 18 Nov 2021 16:23



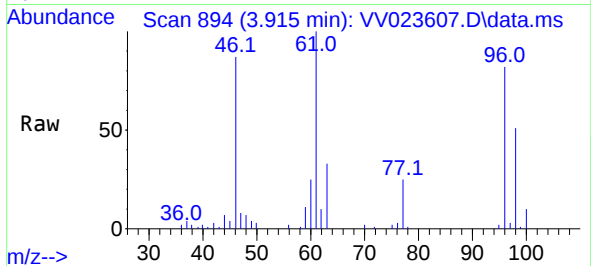
Tgt Ion: 63 Resp: 26706
Ion Ratio Lower Upper
63 100
65 31.0 22.6 42.0
83 13.2 11.1 20.7





#22
cis-1,2-Dichloroethene
Concen: 2.546 ug/L
RT: 3.915 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV023607.D
Acq: 18 Nov 2021 16:23

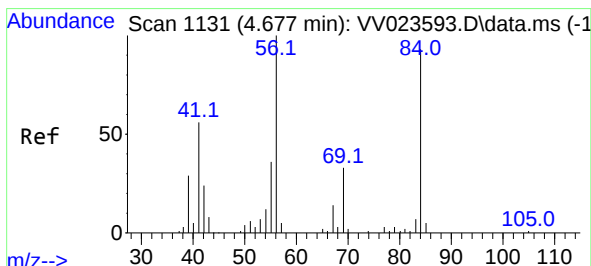
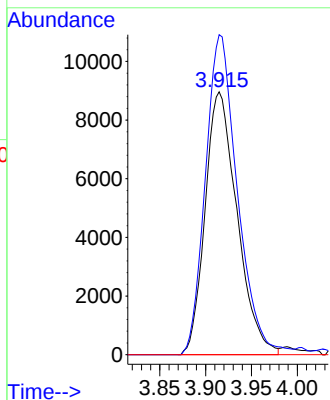
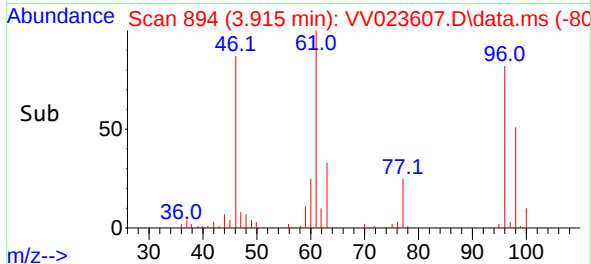
Instrument :
MSVOA_V
ClientSampleId :
H4653



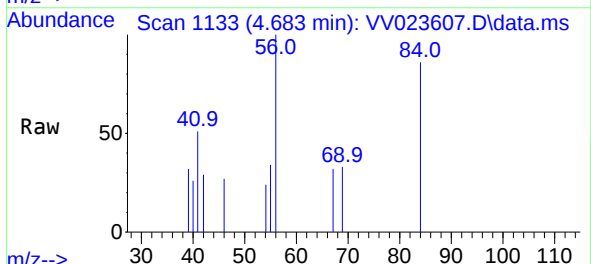
Tgt Ion: 96 Resp: 21770
Ion Ratio Lower Upper
96 100
61 121.7 92.3 171.3
68 0.0 0.4 0.8

Manual Integrations
APPROVED

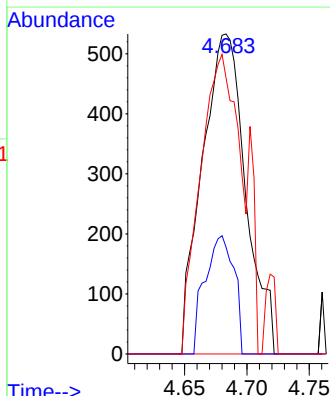
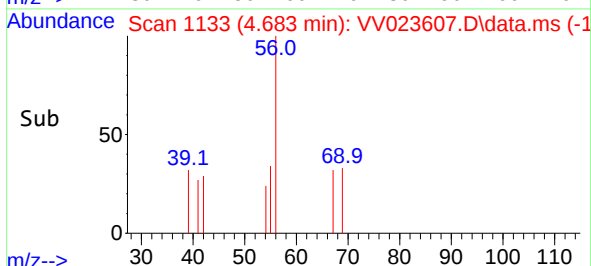
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

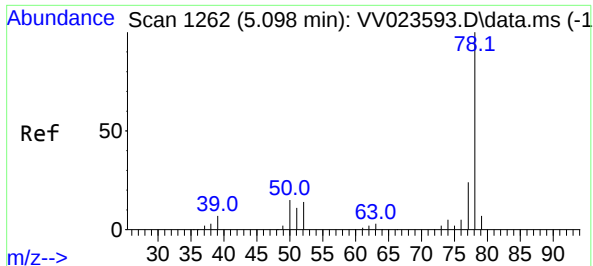


#30
Cyclohexane
Concen: 0.100 ug/L
RT: 4.683 min Scan# 1133
Delta R.T. 0.007 min
Lab File: VV023607.D
Acq: 18 Nov 2021 16:23



Tgt Ion: 56 Resp: 1296
Ion Ratio Lower Upper
56 100
69 24.5 23.5 35.3
84 92.4 71.6 107.4





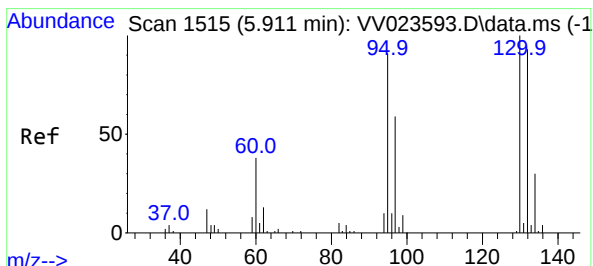
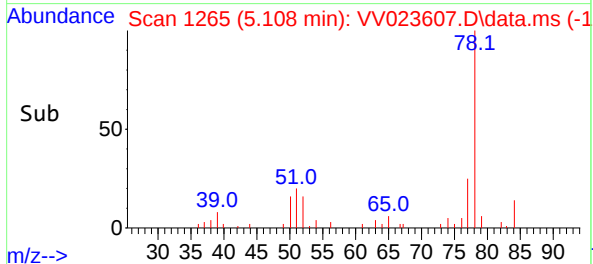
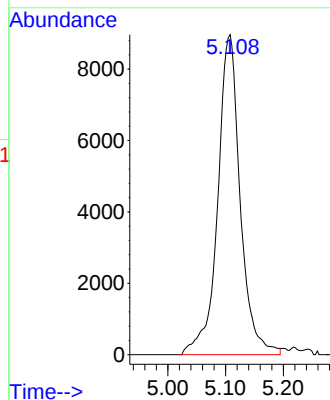
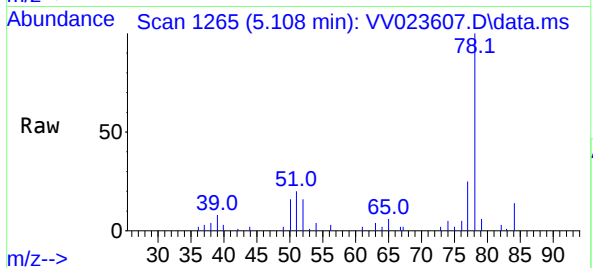
#33
Benzene
Concen: 0.729 ug/L
RT: 5.108 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV023607.D
Acq: 18 Nov 2021 16:23

Instrument :
MSVOA_V
ClientSampleId :
H4653

Tgt Ion: 78 Resp: 2428

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#34
Trichloroethene
Concen: 0.054 ug/L
RT: 5.934 min Scan# 1522
Delta R.T. 0.023 min
Lab File: VV023607.D
Acq: 18 Nov 2021 16:23

Tgt Ion: 95 Resp: 476
Ion Ratio Lower Upper
95 100
97 63.1 45.0 83.6
132 84.1 69.7 129.4
130 106.9 73.7 136.9

