

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111621\
 Data File : VW023561.D
 Acq On : 17 Nov 2021 02:20
 Operator : SY/MD
 Sample : M4627-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4673

Manual Integrations
 APPROVED

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

Quant Time: Nov 17 03:42:45 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	121744	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	118191	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56988	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	32687	4.286	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	85.800%	
7) Chloroethane-d5	1.568	69	22801	3.668	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	73.400%	
11) 1,1-Dichloroethene-d2	2.114	63	80838	5.662	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	113.200%	
20) 2-Butanone-d5	3.899	46	71839	54.674	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.340%	
24) Chloroform-d	4.349	84	62767	3.862	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	77.200%	
26) 1,2-Dichloroethane-d4	5.037	65	31318	4.285	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.600%	
32) Benzene-d6	5.053	84	113011	3.727	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	74.600%	
36) 1,2-Dichloropropane-d6	6.069	67	36752	4.117	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	82.400%	
41) Toluene-d8	7.317	98	100889	3.550	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	71.000%	
43) trans-1,3-Dichloroprop...	7.625	79	13029	3.849	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	77.000%	
46) 2-Hexanone-d5	8.092	63	52885	42.464	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.920%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26767	4.169	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	83.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	42448	4.473	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.400%	
Target Compounds						Qvalue
5) Vinyl chloride	1.311	62	1070798	106.227	ug/L	100
8) Chloroethane	1.584	64	4252m	0.731	ug/L	
12) 1,1-Dichloroethene	2.121	96	83677	11.526	ug/L #	70
14) Carbon disulfide	2.294	76	1915	0.070	ug/L #	90
18) trans-1,2-Dichloroethene	2.761	96	312691	35.037	ug/L	98
19) 1,1-Dichloroethane	3.195	63	18390	1.220	ug/L	98
22) cis-1,2-Dichloroethene	3.909	96	995379	115.890	ug/L #	91
30) Cyclohexane	4.683	56	1632	0.127	ug/L	86
33) Benzene	5.108	78	12626	0.382	ug/L	100
34) Trichloroethene	5.912	95	328675	37.414	ug/L	97
42) Toluene	7.397	91	3963	0.112	ug/L	90

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

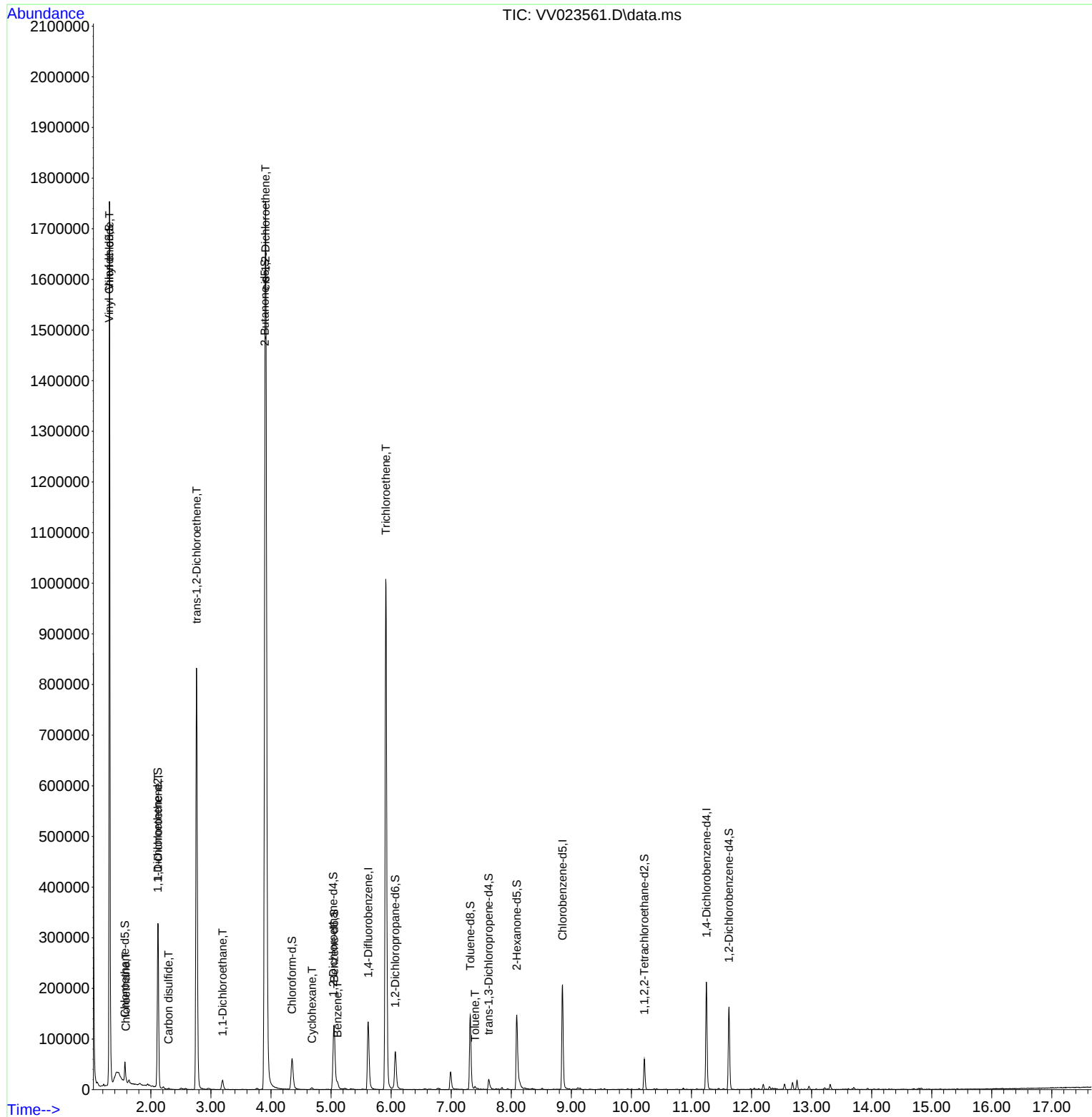
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
Data File : VV023561.D
Acq On : 17 Nov 2021 02:20
Operator : SY/MD
Sample : M4627-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4673

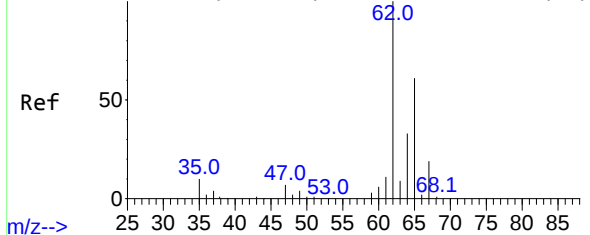
Manual Integrations
APPROVED

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

Quant Time: Nov 17 03:42:45 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



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



#5

Vinyl chloride

Concen: 106.227 ug/L

RT: 1.311 min Scan# 84

Delta R.T. 0.000 min

Lab File: VV023561.D

Acq: 17 Nov 2021 02:20

Instrument :

MSVOA_V

ClientSampleId :

H4673

Tgt Ion: 62 Resp: 1070798

Ion Ratio Lower Upper

62 100

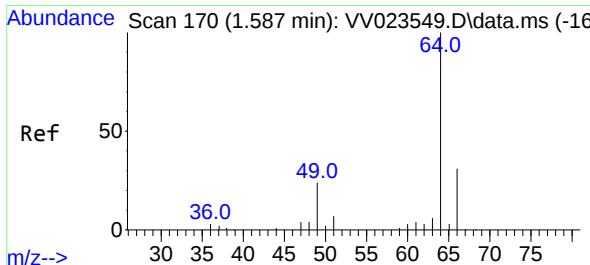
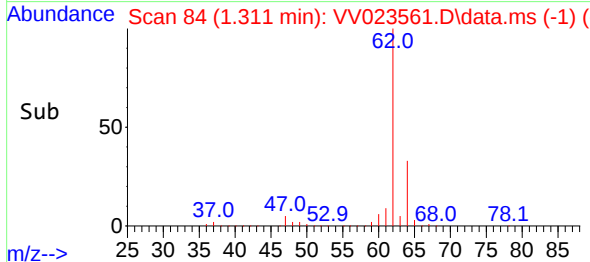
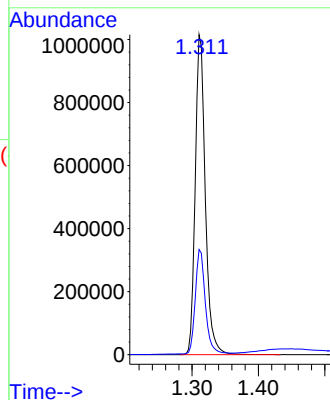
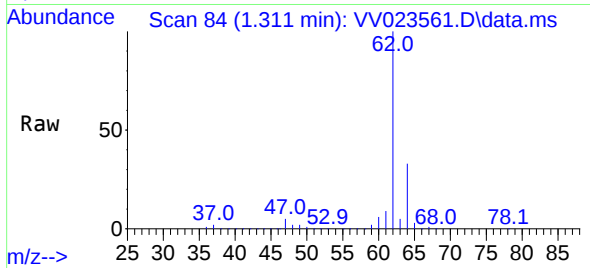
64 32.9 23.1 42.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#8

Chloroethane

Concen: 0.731 ug/L m

RT: 1.584 min Scan# 169

Delta R.T. -0.003 min

Lab File: VV023561.D

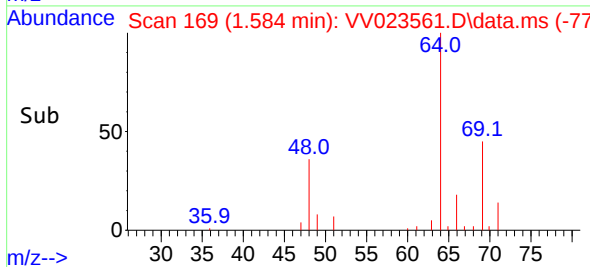
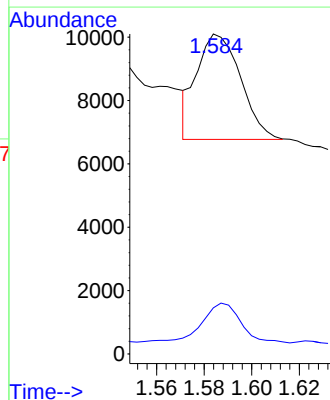
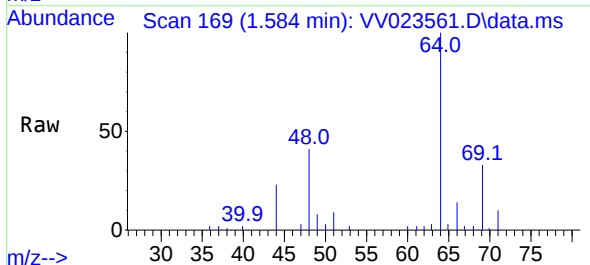
Acq: 17 Nov 2021 02:20

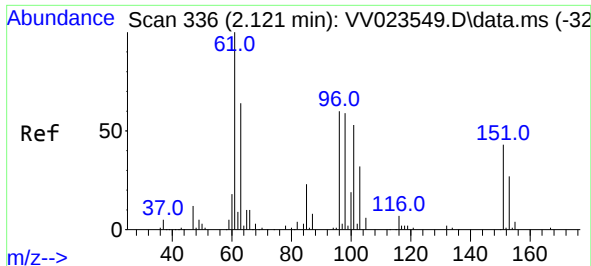
Tgt Ion: 64 Resp: 4252

Ion Ratio Lower Upper

64 100

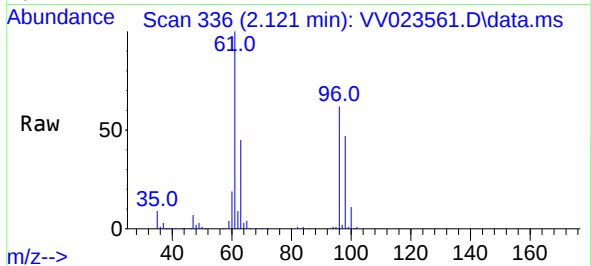
66 14.4 22.1 41.1#





#12
1,1-Dichloroethene
Concen: 11.526 ug/L
RT: 2.121 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV023561.D
Acq: 17 Nov 2021 02:20

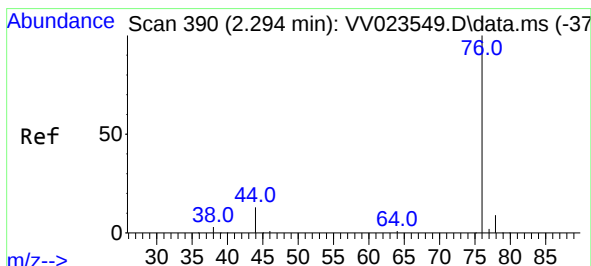
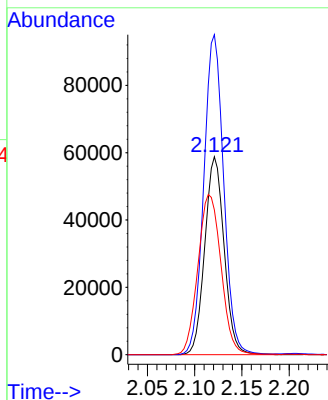
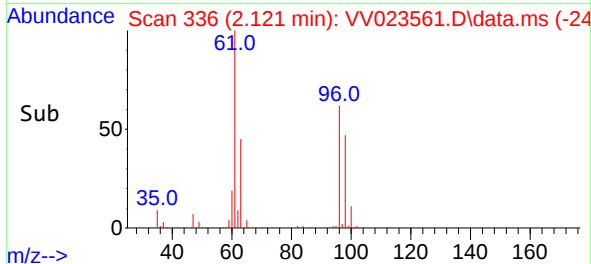
Instrument :
MSVOA_V
ClientSampleId :
H4673



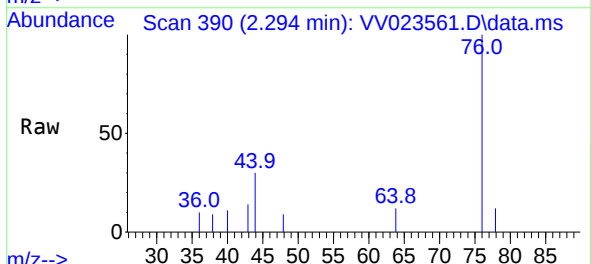
Tgt Ion: 96 Resp: 8367
Ion Ratio Lower Upper
96 100
61 161.7 121.5 225.7
63 73.2 99.6 185.0

Manual Integrations
APPROVED

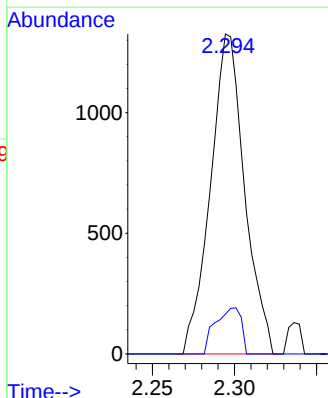
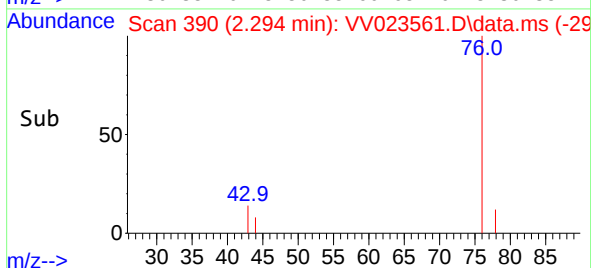
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

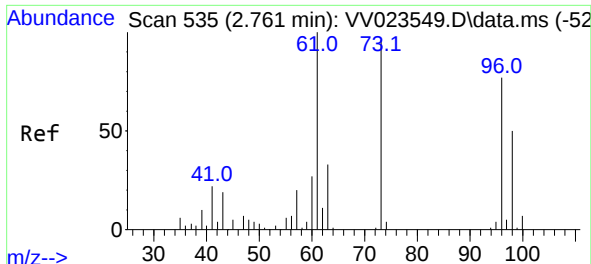


#14
Carbon disulfide
Concen: 0.070 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV023561.D
Acq: 17 Nov 2021 02:20



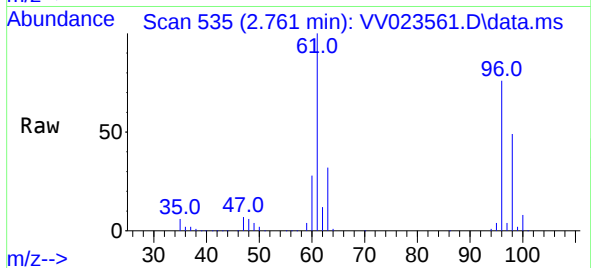
Tgt Ion: 76 Resp: 1915
Ion Ratio Lower Upper
76 100
78 12.4 7.2 10.8





#18
trans-1,2-Dichloroethene
Concen: 35.037 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV023561.D
Acq: 17 Nov 2021 02:20

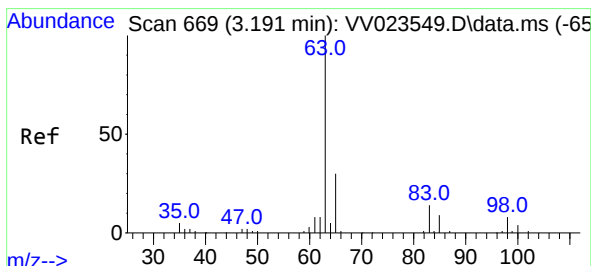
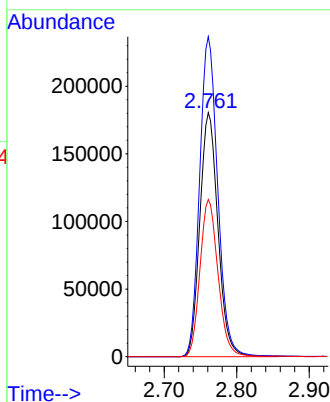
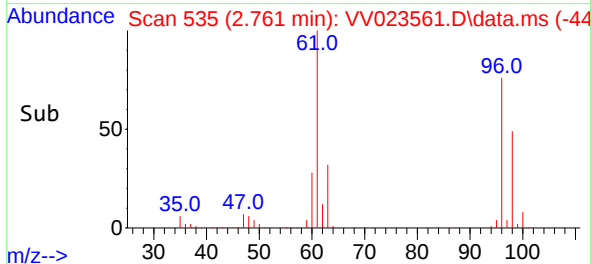
Instrument :
MSVOA_V
ClientSampleId :
H4673



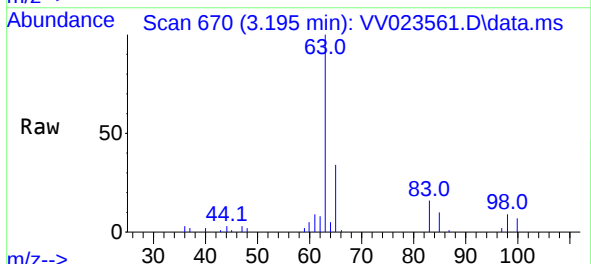
Tgt Ion: 96 Resp: 31269
Ion Ratio Lower Upper
96 100
61 131.2 93.2 173.2
98 64.4 47.0 87.2

Manual Integrations
APPROVED

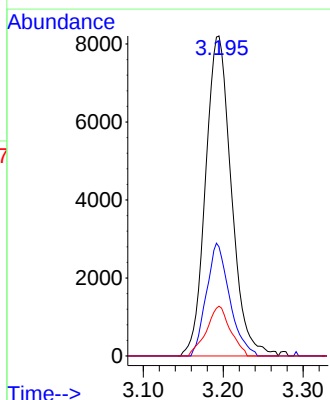
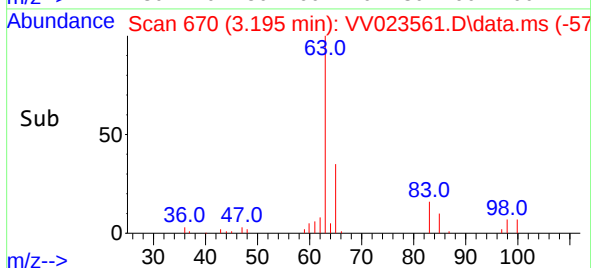
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

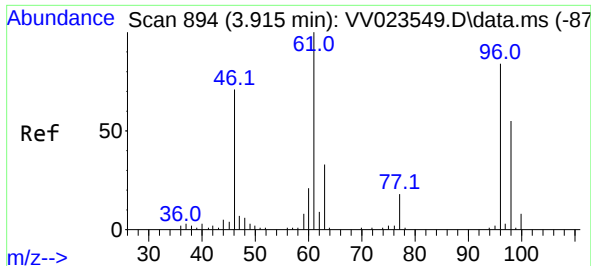


#19
1,1-Dichloroethane
Concen: 1.220 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.003 min
Lab File: VV023561.D
Acq: 17 Nov 2021 02:20



Tgt Ion: 63 Resp: 18390
Ion Ratio Lower Upper
63 100
65 34.1 22.6 42.0
83 15.6 11.1 20.7





#22

cis-1,2-Dichloroethene

Concen: 115.890 ug/L

RT: 3.909 min Scan# 894

Delta R.T. -0.006 min

Lab File: VV023561.D

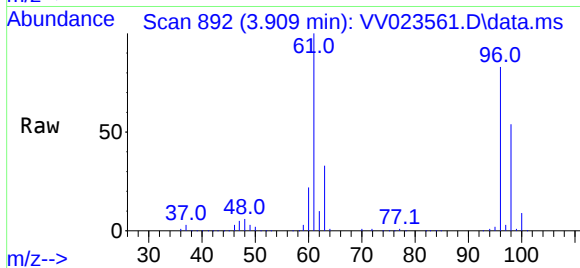
Acq: 17 Nov 2021 02:20

Instrument :

MSVOA_V

ClientSampleId :

H4673



Tgt Ion: 96 Resp: 995379

Ion Ratio Lower Upper

96 100

61 120.7 92.3 171.3

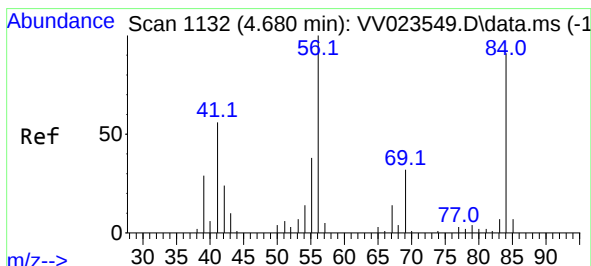
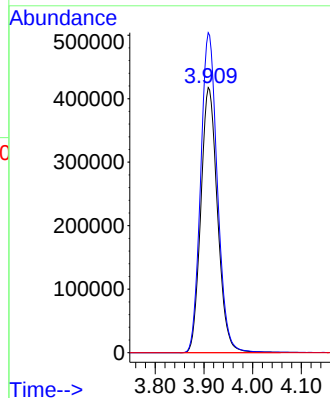
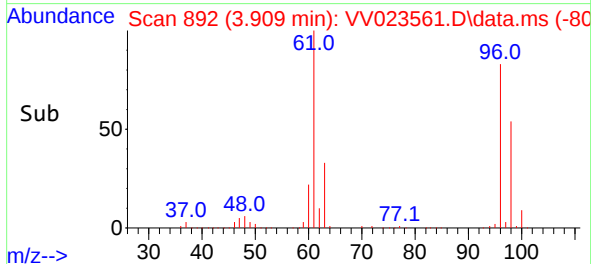
68 0.0 0.4 0.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#30

Cyclohexane

Concen: 0.127 ug/L

RT: 4.683 min Scan# 1133

Delta R.T. 0.003 min

Lab File: VV023561.D

Acq: 17 Nov 2021 02:20

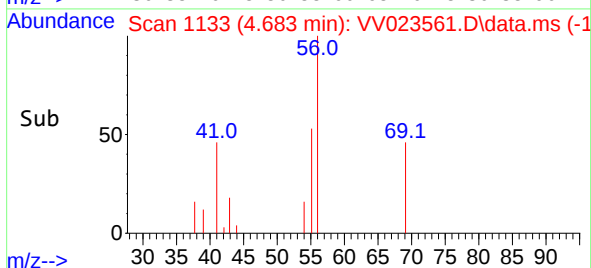
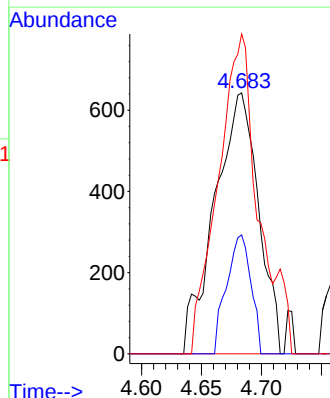
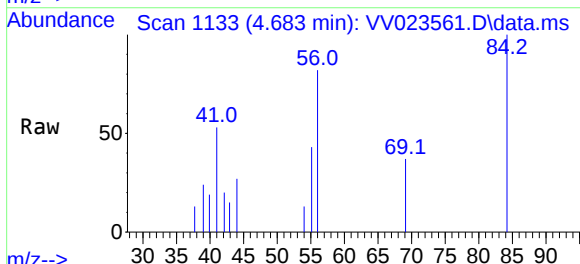
Tgt Ion: 56 Resp: 1632

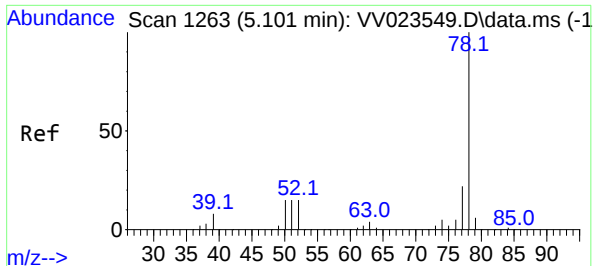
Ion Ratio Lower Upper

56 100

69 25.3 23.5 35.3

84 105.1 71.6 107.4





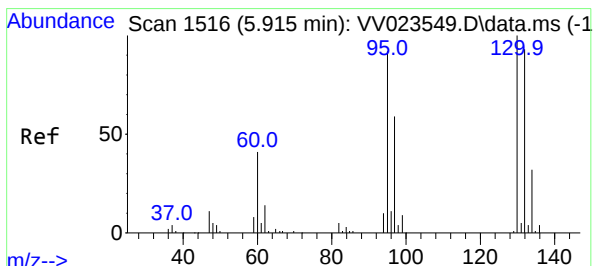
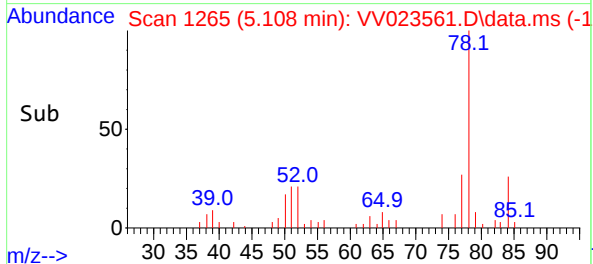
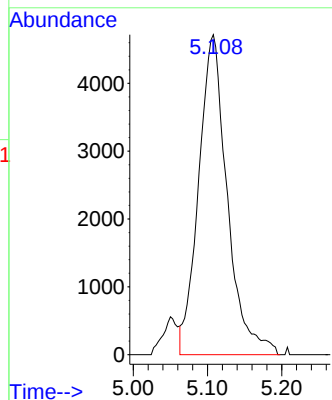
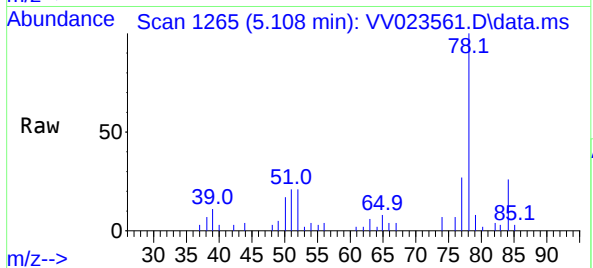
#33
Benzene
Concen: 0.382 ug/L
RT: 5.108 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VV023561.D
Acq: 17 Nov 2021 02:20

Instrument :
MSVOA_V
ClientSampleId :
H4673

Tgt Ion: 78 Resp: 1262

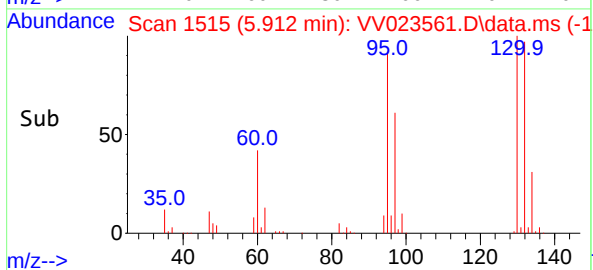
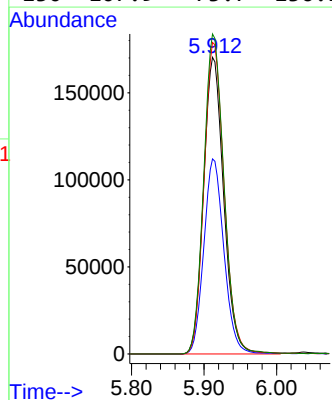
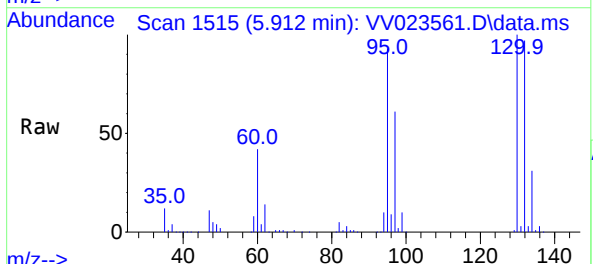
Manual Integrations
APPROVED

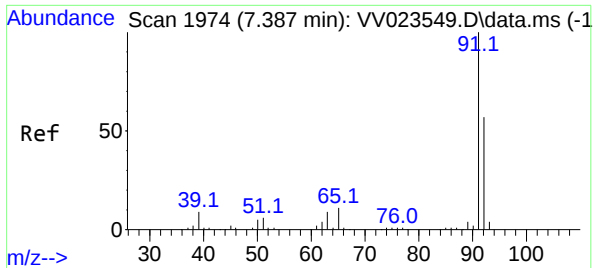
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#34
Trichloroethene
Concen: 37.414 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. -0.003 min
Lab File: VV023561.D
Acq: 17 Nov 2021 02:20

Tgt Ion: 95 Resp: 328675
Ion Ratio Lower Upper
95 100
97 65.7 45.0 83.6
132 105.0 69.7 129.4
130 107.9 73.7 136.9





#42
Toluene
Concen: 0.112 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.010 min
Lab File: VV023561.D
Acq: 17 Nov 2021 02:20

Instrument :
MSVOA_V
ClientSampleId :
H4673

Tgt Ion: 91 Resp: 396
Ion Ratio Lower Upper
91 100
92 63.7 39.3 72.9

Manual Integrations
APPROVED

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

