

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082222\
 Data File : VV027474.D
 Acq On : 22 Aug 2022 17:48
 Operator : SY/MD
 Sample : N4252-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX9D5

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/24/2022
 Supervised By :Semsettin Yesilyurt 08/27/2022

Quant Time: Aug 23 03:14:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 23 03:03:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	110684	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	109143	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	47054	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	49627	6.300	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	126.000%	
7) Chloroethane-d5	1.568	69	37833	6.562	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	131.200%#	
11) 1,1-Dichloroethene-d2	2.108	63	85749	4.668	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	93.400%	
20) 2-Butanone-d5	3.889	46	32294	32.942	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	65.880%	
24) Chloroform-d	4.346	84	79926	5.074	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.400%	
26) 1,2-Dichloroethane-d4	5.034	65	34089	5.003	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.000%	
32) Benzene-d6	5.050	84	146292	4.839	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.800%	
36) 1,2-Dichloropropane-d6	6.069	67	46055	5.240	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.800%	
41) Toluene-d8	7.313	98	114449	4.193	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.800%	
43) trans-1,3-Dichloroprop...	7.625	79	13767	4.575	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.400%	
46) 2-Hexanone-d5	8.091	63	43125	43.533	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.060%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27291	4.876	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	36263	5.199	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.000%	
Target Compounds						
5) Vinyl chloride	1.310	62	1769938	171.434	ug/L	100
8) Chloroethane	1.584	64	4727m	0.783	ug/L	
12) 1,1-Dichloroethene	2.117	96	34180	4.081	ug/L	87
18) trans-1,2-Dichloroethene	2.757	96	108112	12.531	ug/L	99
19) 1,1-Dichloroethane	3.188	63	20948	1.173	ug/L	94
22) cis-1,2-Dichloroethene	3.905	96	10509064	1142.969	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	7173	0.428	ug/L	94
34) Trichloroethene	5.911	95	5676460	594.417	ug/L	98
47) Tetrachloroethene	7.979	164	2288	0.308	ug/L	76
60) Isopropylbenzene	9.931	105	2965	0.096	ug/L	95

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

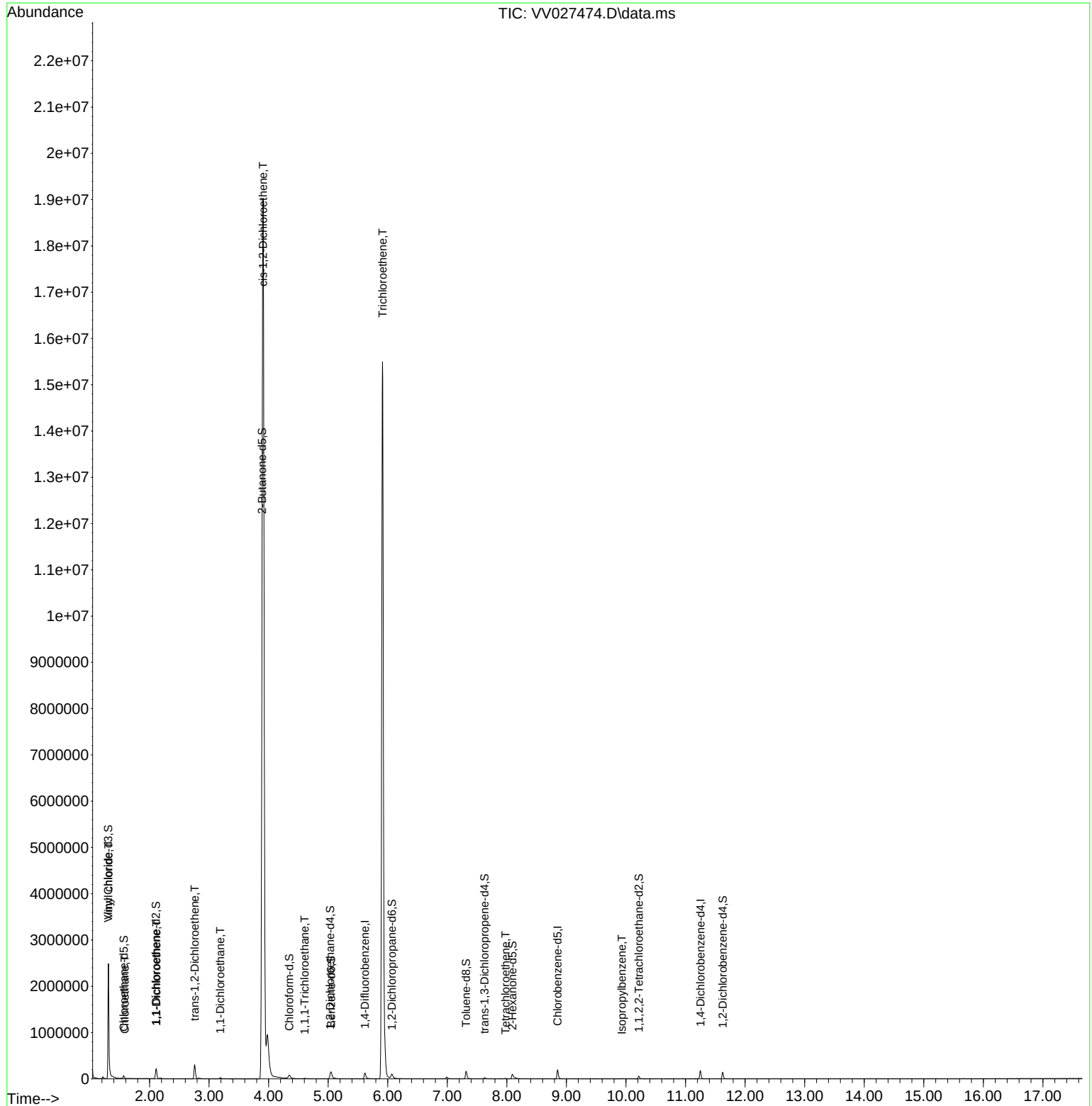
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082222\
Data File : VV027474.D
Acq On : 22 Aug 2022 17:48
Operator : SY/MD
Sample : N4252-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

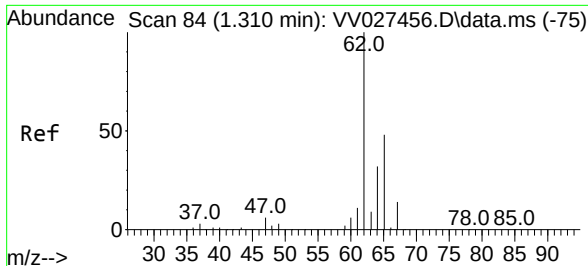
Instrument :
MSVOA_V
ClientSampleId :
EX9D5

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 08/24/2022
Supervised By :Semsettin Yesilyurt 08/27/2022

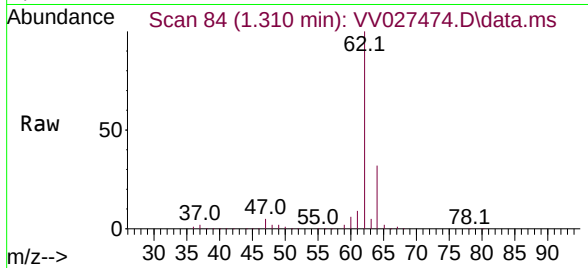
Quant Time: Aug 23 03:14:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 23 03:03:07 2022
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 171.434 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV027474.D
 Acq: 22 Aug 2022 17:48

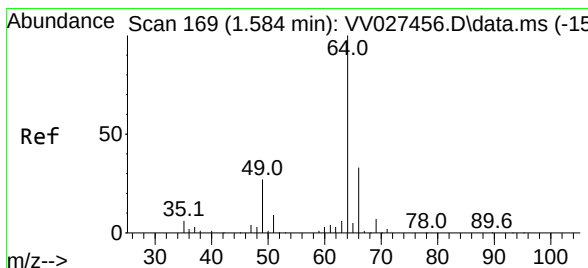
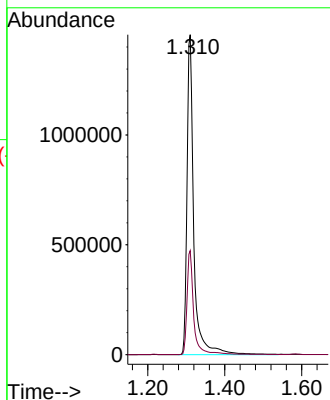
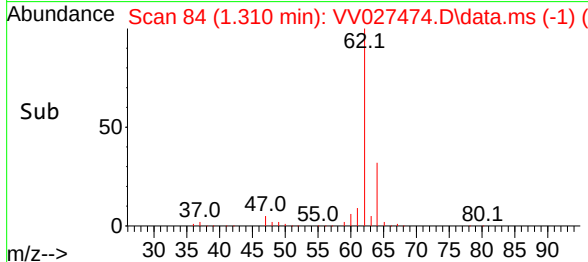
Instrument :
 MSVOA_V
 ClientSampleId :
 EX9D5



Tgt Ion: 62 Resp: 1769938
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.6 42.0

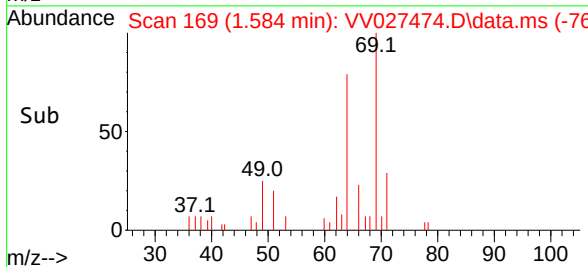
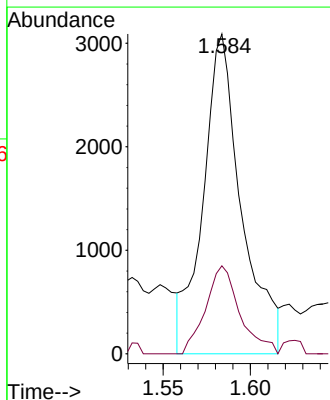
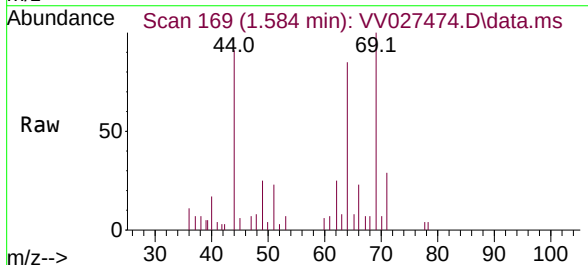
Manual Integrations
 APPROVED

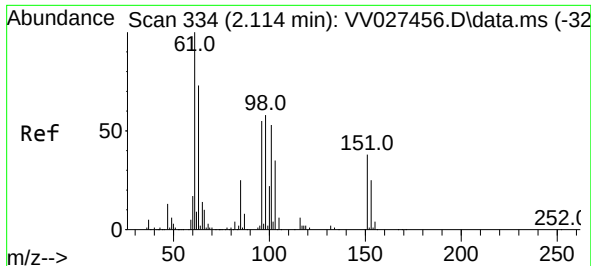
Reviewed By :Krupa Patel 08/24/2022
 Supervised By :Semsettin Yesilyurt 08/27/2022



#8
 Chloroethane
 Concen: 0.783 ug/L m
 RT: 1.584 min Scan# 169
 Delta R.T. -0.000 min
 Lab File: VV027474.D
 Acq: 22 Aug 2022 17:48

Tgt Ion: 64 Resp: 4727
 Ion Ratio Lower Upper
 64 100
 66 27.5 23.3 43.3





#12

1,1-Dichloroethene

Concen: 4.081 ug/L

RT: 2.117 min Scan# 334

Delta R.T. 0.003 min

Lab File: VV027474.D

Acq: 22 Aug 2022 17:48

Instrument :

MSVOA_V

ClientSampleId :

EX9D5

Tgt Ion: 96 Resp: 34180

Ion Ratio Lower Upper

96 100

61 189.1 130.2 241.8

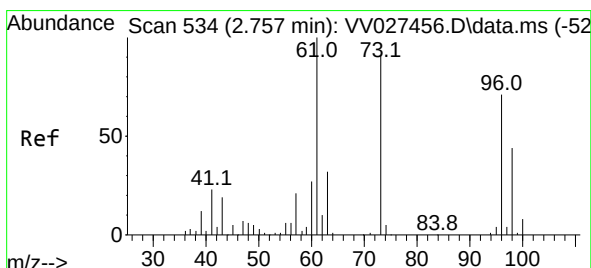
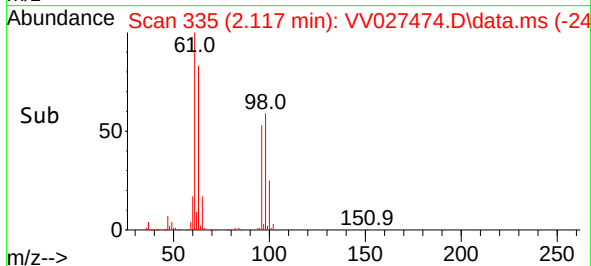
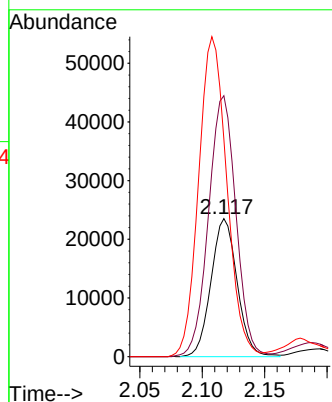
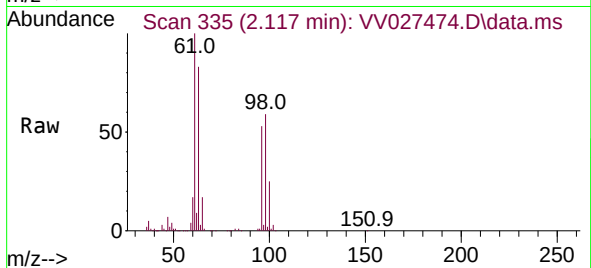
63 157.5 87.4 162.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/24/2022

Supervised By :Semsettin Yesilyurt 08/27/2022



#18

trans-1,2-Dichloroethene

Concen: 12.531 ug/L

RT: 2.757 min Scan# 534

Delta R.T. -0.000 min

Lab File: VV027474.D

Acq: 22 Aug 2022 17:48

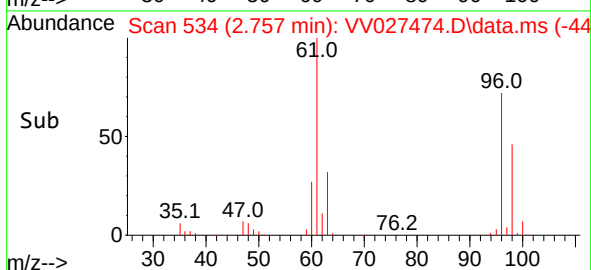
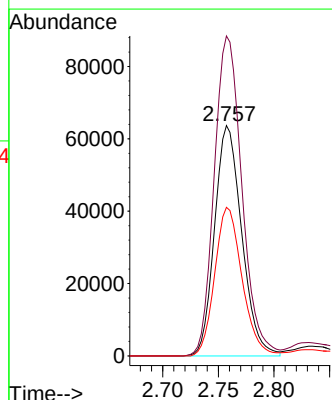
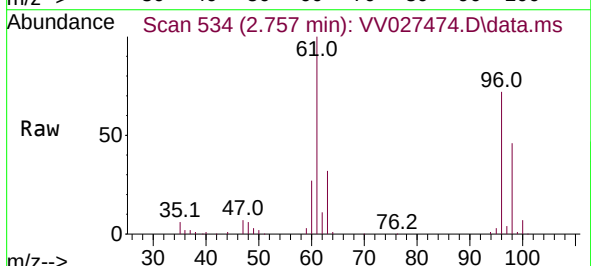
Tgt Ion: 96 Resp: 108112

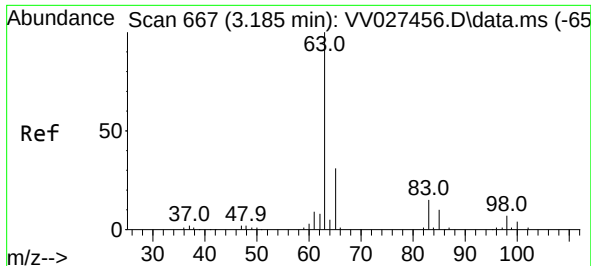
Ion Ratio Lower Upper

96 100

61 138.9 97.6 181.4

98 64.5 45.9 85.3





#19

1,1-Dichloroethane

Concen: 1.173 ug/L

RT: 3.188 min Scan# 60

Delta R.T. 0.003 min

Lab File: VV027474.D

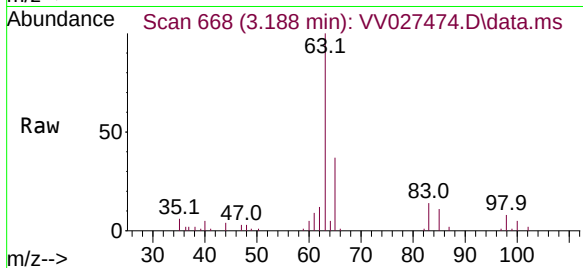
Acq: 22 Aug 2022 17:48

Instrument :

MSVOA_V

ClientSampleId :

EX9D5



Tgt Ion: 63 Resp: 20948

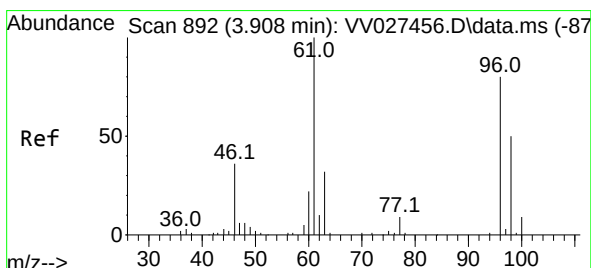
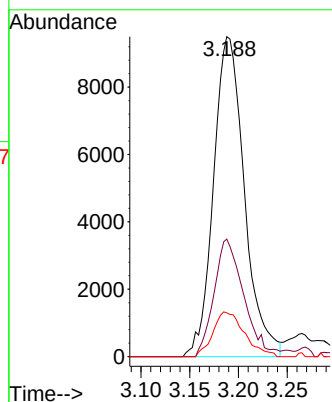
Ion	Ratio	Lower	Upper
63	100		
65	36.7	22.1	41.1
83	13.7	9.6	17.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/24/2022

Supervised By :Semsettin Yesilyurt 08/27/2022



#22

cis-1,2-Dichloroethene

Concen: 1142.969 ug/L

RT: 3.905 min Scan# 891

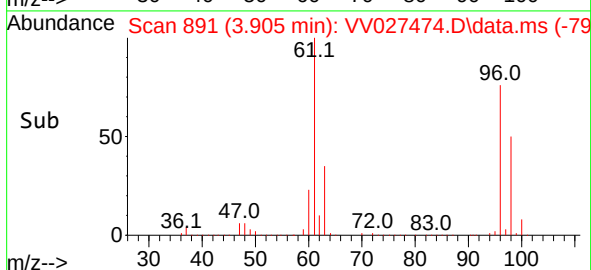
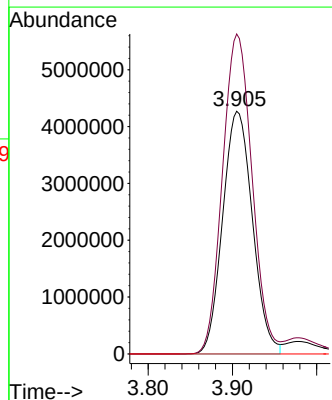
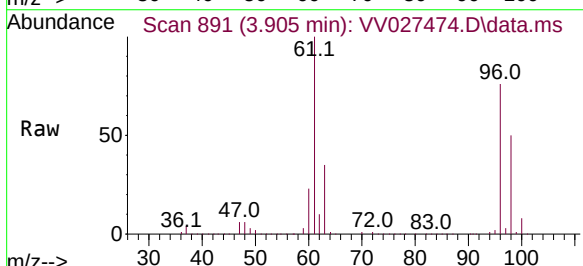
Delta R.T. -0.003 min

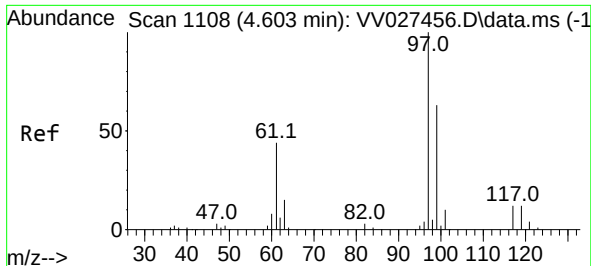
Lab File: VV027474.D

Acq: 22 Aug 2022 17:48

Tgt Ion: 96 Resp:10509064

Ion	Ratio	Lower	Upper
96	100		
61	131.9	90.6	168.2
68	0.0	0.0	0.0





#29

1,1,1-Trichloroethane

Concen: 0.428 ug/L

RT: 4.606 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV027474.D

Acq: 22 Aug 2022 17:48

Instrument :

MSVOA_V

ClientSampleId :

EX9D5

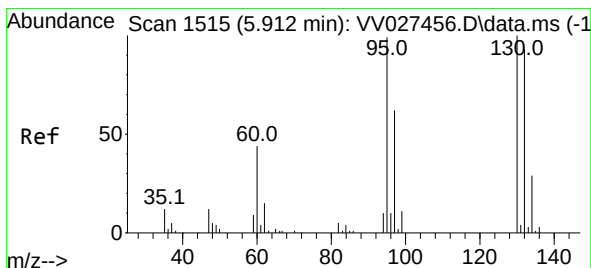
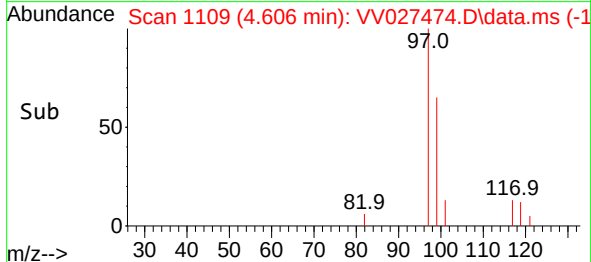
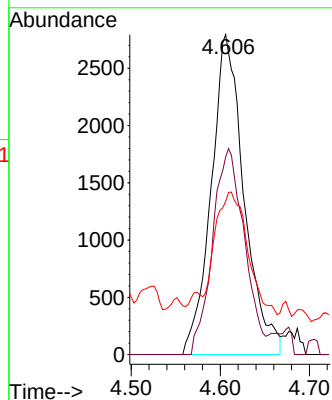
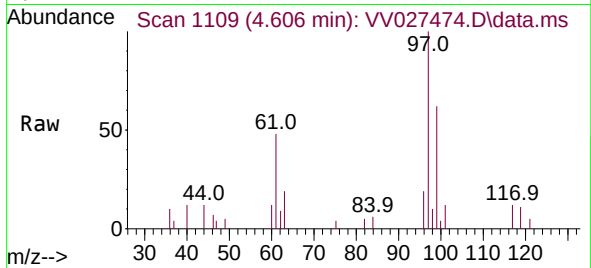
Tgt Ion: 97	Resp: 717
Ion Ratio	Lower Upper
97 100	
99 62.3	51.1 76.7
61 37.7	35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/24/2022

Supervised By :Semsettin Yesilyurt 08/27/2022



#34

Trichloroethene

Concen: 594.417 ug/L

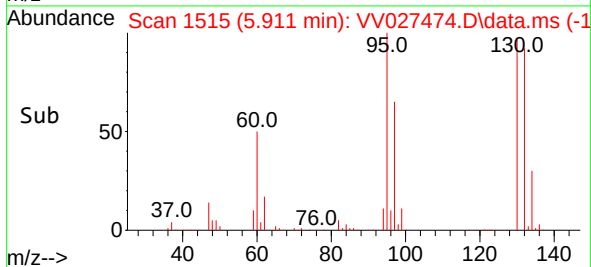
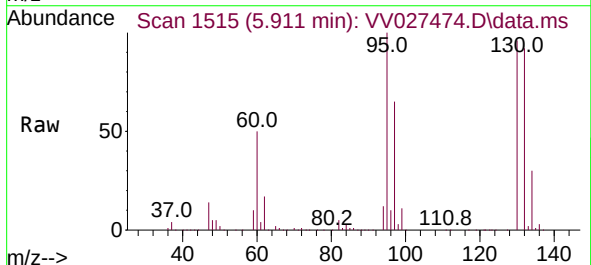
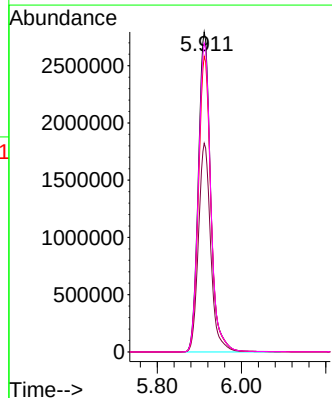
RT: 5.911 min Scan# 1515

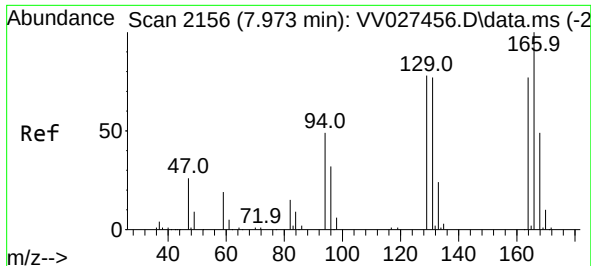
Delta R.T. -0.000 min

Lab File: VV027474.D

Acq: 22 Aug 2022 17:48

Tgt Ion: 95	Resp: 5676460
Ion Ratio	Lower Upper
95 100	
97 65.2	45.0 83.6
132 92.3	65.7 121.9
130 96.5	69.3 128.7





#47

Tetrachloroethene

Concen: 0.308 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV027474.D

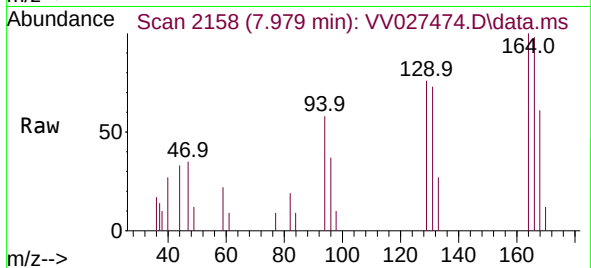
Acq: 22 Aug 2022 17:48

Instrument :

MSVOA_V

ClientSampleId :

EX9D5



Tgt Ion:164 Resp: 2288

Ion Ratio Lower Upper

164 100

129 76.1 71.1 132.1

131 73.3 64.5 119.9

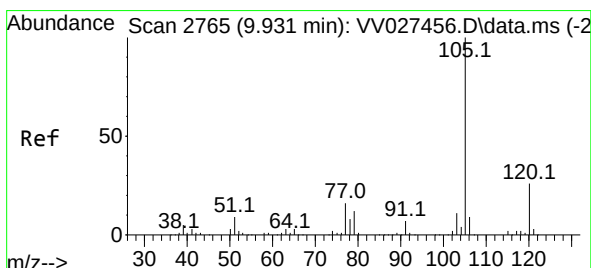
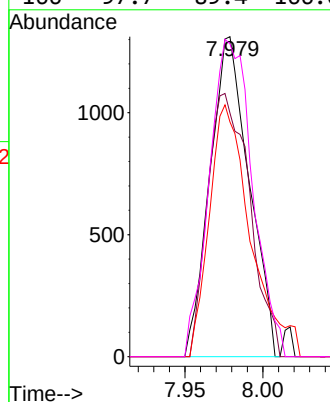
166 97.7 89.4 166.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/24/2022

Supervised By :Semsettin Yesilyurt 08/27/2022



#60

Isopropylbenzene

Concen: 0.096 ug/L

RT: 9.931 min Scan# 2765

Delta R.T. -0.000 min

Lab File: VV027474.D

Acq: 22 Aug 2022 17:48

Tgt Ion:105 Resp: 2965

Ion Ratio Lower Upper

105 100

120 29.8 20.9 31.3

77 15.5 13.0 19.6

