

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032522\
 Data File : VW025178.D
 Acq On : 25 Mar 2022 14:55
 Operator : SY/MD
 Sample : N2083-07DL 10X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW607DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/26/2022
 Supervised By : Mahesh Dadoda 03/31/2022

Quant Time: Mar 25 23:22:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 25 23:19:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	123090	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	114996	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50094	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39252	4.039	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.800%
7) Chloroethane-d5	1.568	69	38012	5.342	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.800%
11) 1,1-Dichloroethene-d2	2.108	63	51127	3.255	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.200%
20) 2-Butanone-d5	3.902	46	103983	88.539	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	177.080%#
24) Chloroform-d	4.352	84	93518	5.802	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.000%
26) 1,2-Dichloroethane-d4	5.037	65	42566	6.317	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	126.400%
32) Benzene-d6	5.053	84	182243	5.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.200%
36) 1,2-Dichloropropane-d6	6.072	67	59495	6.202	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	124.000%
41) Toluene-d8	7.317	98	137271	4.515	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	7.628	79	16359	4.892	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.800%
46) 2-Hexanone-d5	8.088	63	82399	72.239	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	144.480%#
56) 1,1,2,2-Tetrachloroeth...	10.214	84	41550	7.363	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	147.200%#
66) 1,2-Dichlorobenzene-d4	11.622	152	51940	6.125	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.400%#
Target Compounds						
5) Vinyl chloride	1.310	62	1883	0.174	ug/L #	57
8) Chloroethane	1.587	64	45101	6.873	ug/L	98
16) Methylene chloride	2.510	84	8979	0.945	ug/L	95
18) trans-1,2-Dichloroethene	2.767	96	721	0.076	ug/L #	89
19) 1,1-Dichloroethane	3.195	63	53434	3.327	ug/L	98
22) cis-1,2-Dichloroethene	3.924	96	3459	0.363	ug/L	89
25) Chloroform	4.371	83	2737m	0.164	ug/L	
29) 1,1,1-Trichloroethane	4.609	97	25942	1.769	ug/L	99
34) Trichloroethene	5.918	95	9792	0.983	ug/L	95
47) Tetrachloroethene	7.976	164	3898	0.556	ug/L	95
52) Ethylbenzene	9.021	91	2427	0.059	ug/L	91
60) Isopropylbenzene	9.934	105	8432	0.223	ug/L	96

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

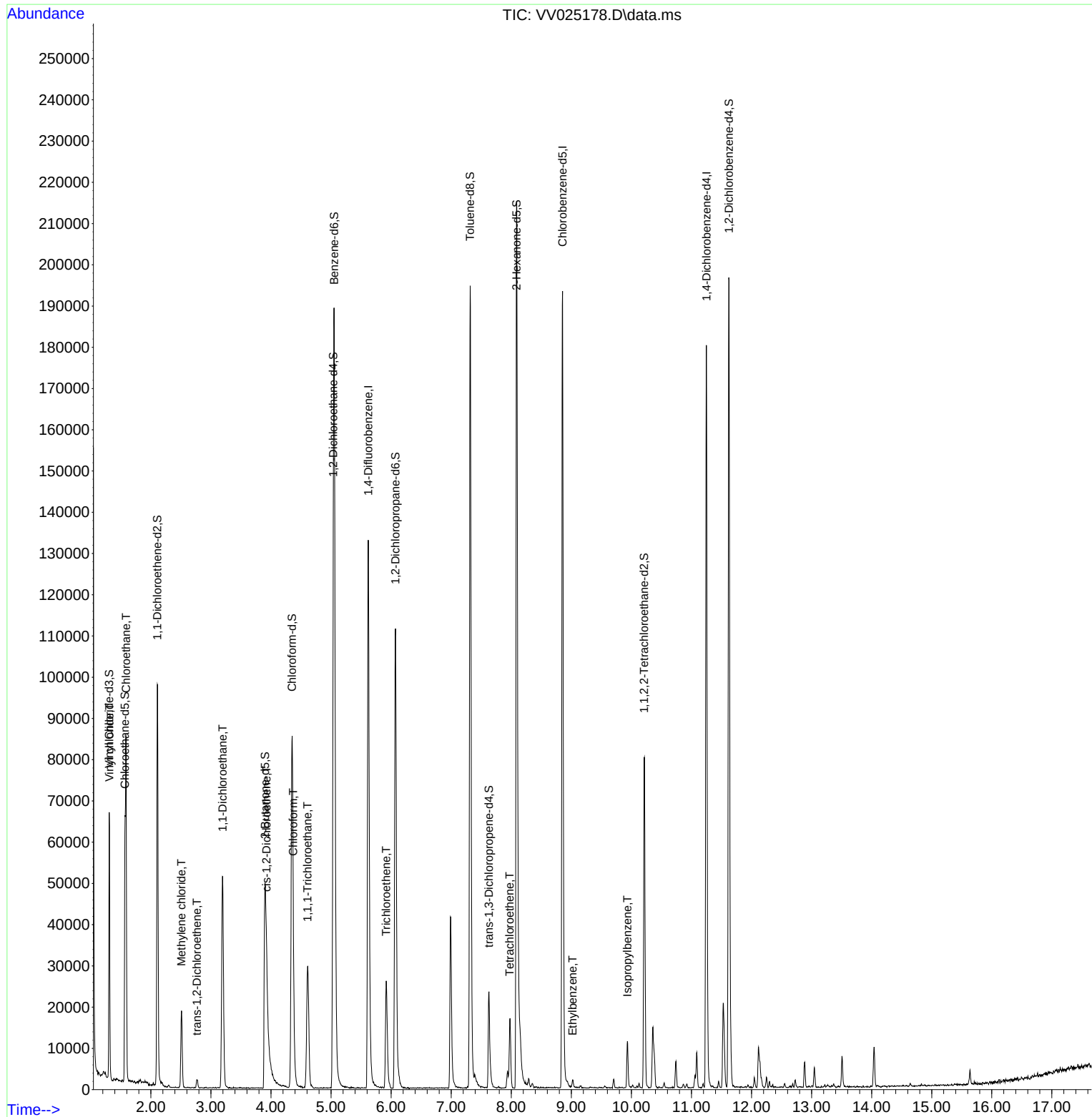
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032522\
Data File : VV025178.D
Acq On : 25 Mar 2022 14:55
Operator : SY/MD
Sample : N2083-07DL 10X
Misc : 25mL/MSVOA_V/WATER
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Instrument :
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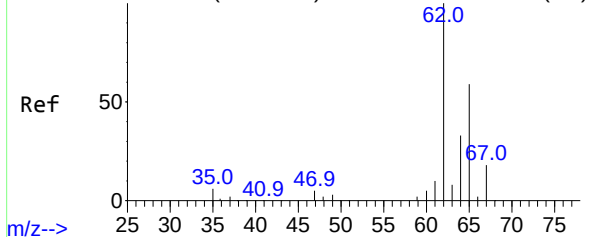
Quant Time: Mar 25 23:22:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0
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Abundance Scan 85 (1.314 min): VV025169.D\data.ms (-76)



#5

Vinyl chloride

Concen: 0.174 ug/L

RT: 1.310 min Scan# 84

Delta R.T. -0.003 min

Lab File: VV025178.D

Acq: 25 Mar 2022 14:55

Instrument :

MSVOA_V

ClientSampleId :

EW607DL

Tgt Ion: 62 Resp: 188

Ion Ratio Lower Upper

62 100

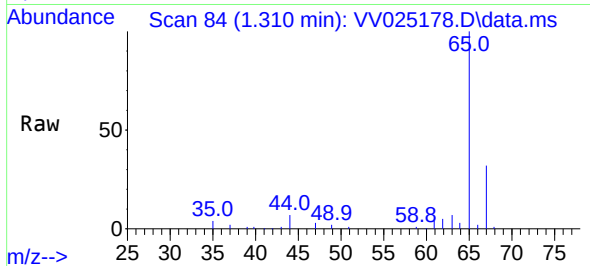
64 57.8 23.4 43.4

Manual Integrations

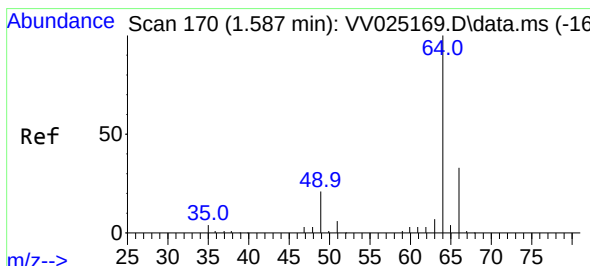
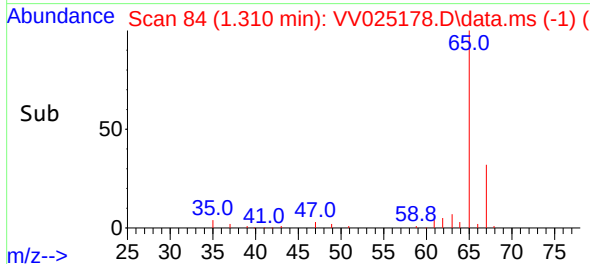
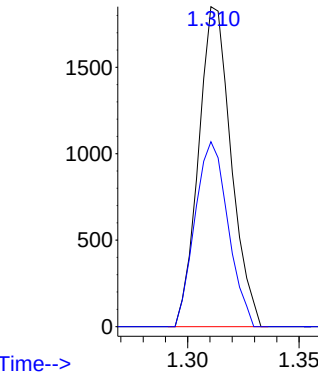
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Supervised By :Mahesh Dadoda 03/31/2022



Abundance



#8

Chloroethane

Concen: 6.873 ug/L

RT: 1.587 min Scan# 170

Delta R.T. -0.000 min

Lab File: VV025178.D

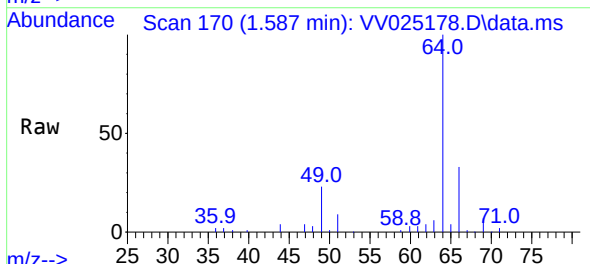
Acq: 25 Mar 2022 14:55

Tgt Ion: 64 Resp: 45101

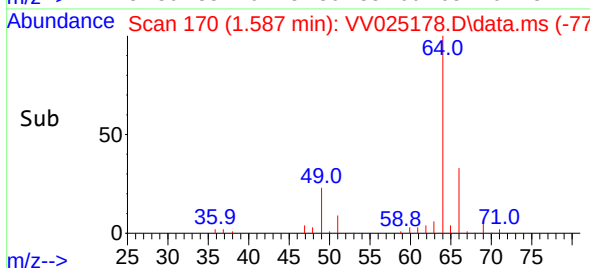
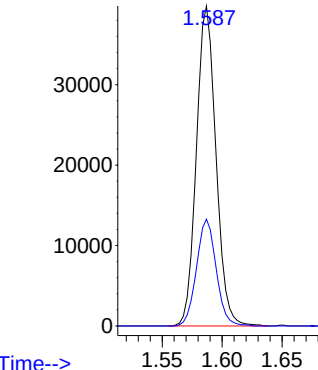
Ion Ratio Lower Upper

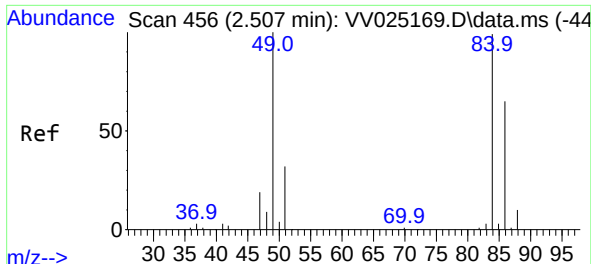
64 100

66 33.4 22.5 41.7



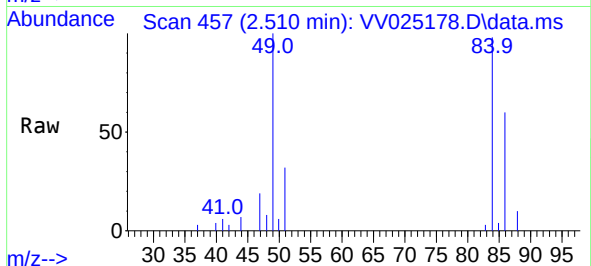
Abundance





#16
Methylene chloride
Concen: 0.945 ug/L
RT: 2.510 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV025178.D
Acq: 25 Mar 2022 14:55

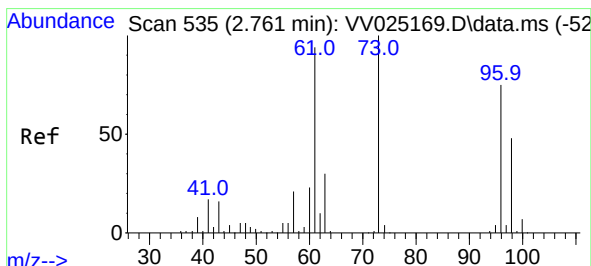
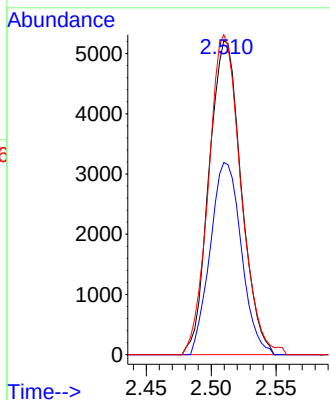
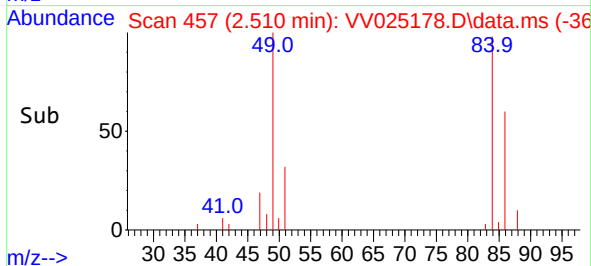
Instrument :
MSVOA_V
ClientSampleId :
EW607DL



Tgt Ion: 84 Resp: 8979
Ion Ratio Lower Upper
84 100
86 61.3 45.5 84.5
49 102.0 75.0 139.2

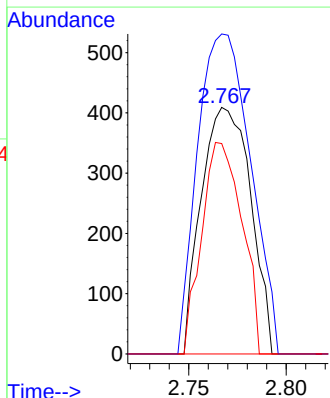
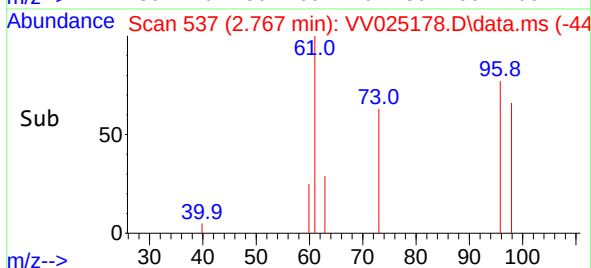
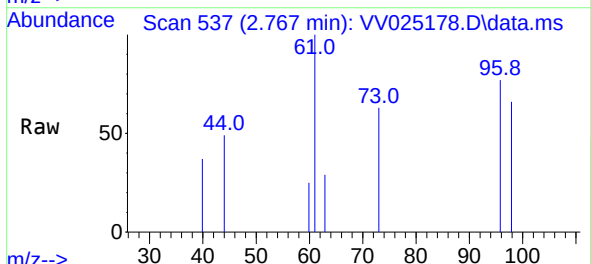
Manual Integrations
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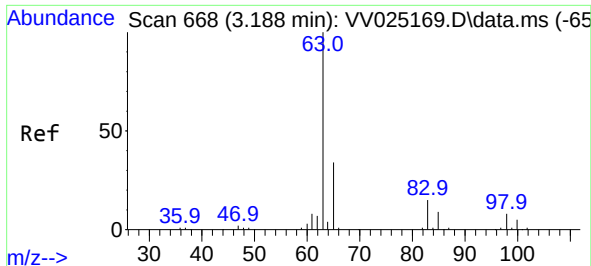
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/31/2022



#18
trans-1,2-Dichloroethene
Concen: 0.076 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.006 min
Lab File: VV025178.D
Acq: 25 Mar 2022 14:55

Tgt Ion: 96 Resp: 721
Ion Ratio Lower Upper
96 100
61 129.8 89.2 165.6
98 85.3 43.9 81.5#





#19

1,1-Dichloroethane

Concen: 3.327 ug/L

RT: 3.195 min Scan# 61

Delta R.T. 0.006 min

Lab File: VV025178.D

Acq: 25 Mar 2022 14:55

Instrument :

MSVOA_V

ClientSampleId :

EW607DL

Tgt Ion: 63 Resp: 53434

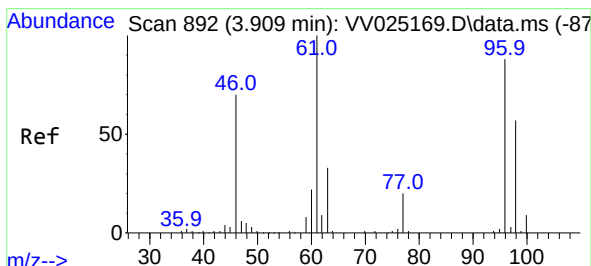
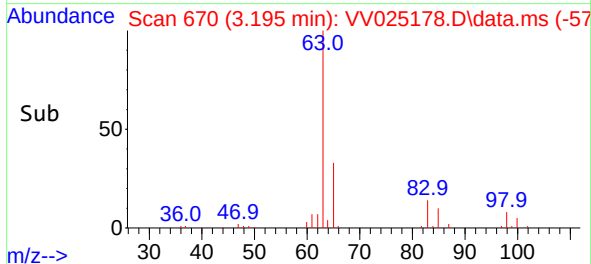
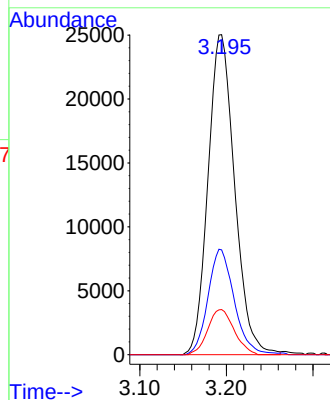
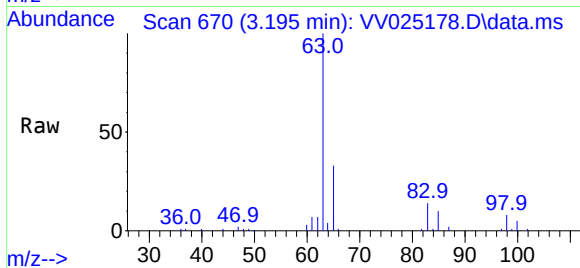
Ion	Ratio	Lower	Upper
63	100		
65	32.8	22.2	41.2
83	14.1	9.4	17.4

Manual Integrations

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Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/31/2022



#22

cis-1,2-Dichloroethene

Concen: 0.363 ug/L

RT: 3.924 min Scan# 897

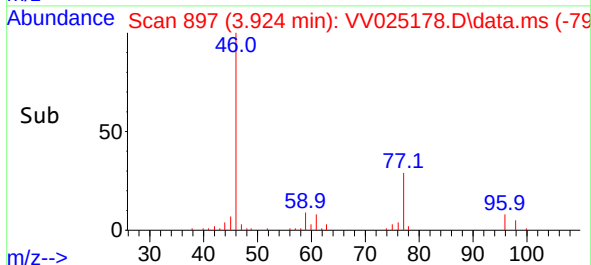
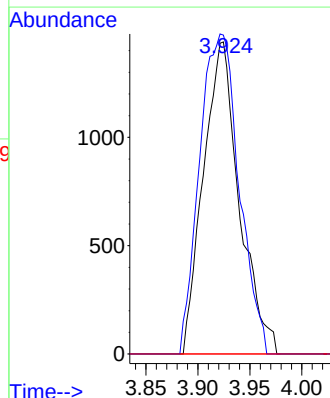
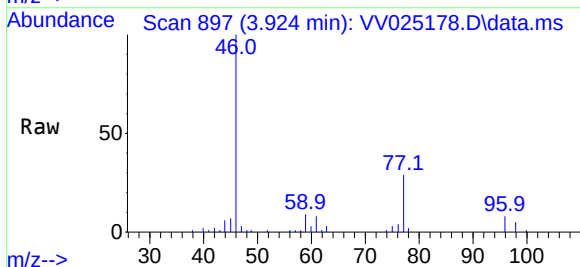
Delta R.T. 0.016 min

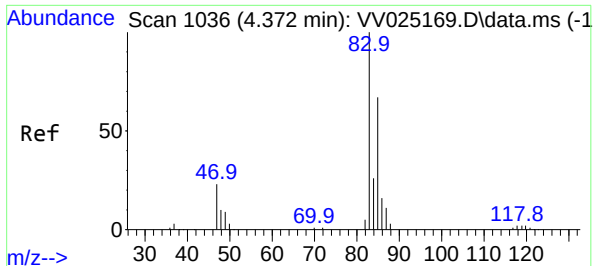
Lab File: VV025178.D

Acq: 25 Mar 2022 14:55

Tgt Ion: 96 Resp: 3459

Ion	Ratio	Lower	Upper
96	100		
61	102.2	79.7	147.9
68	0.0	0.0	0.0





#25

Chloroform

Concen: 0.164 ug/L m

RT: 4.371 min Scan# 110

Delta R.T. -0.000 min

Lab File: VV025178.D

Acq: 25 Mar 2022 14:55

Instrument :

MSVOA_V

ClientSampleId :

EW607DL

Tgt Ion: 83 Resp: 273

Ion Ratio Lower Upper

83 100

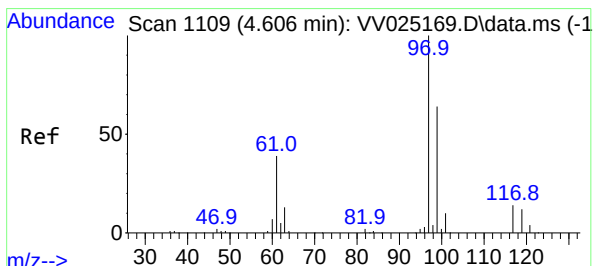
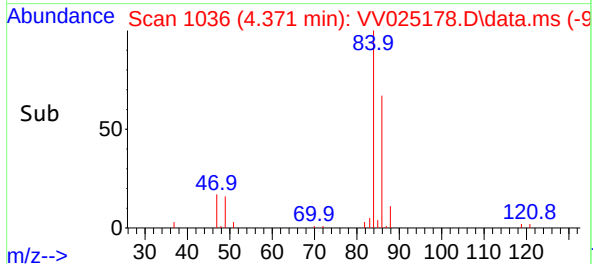
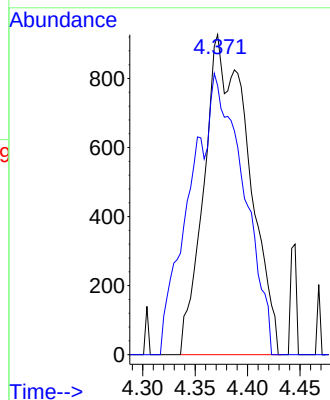
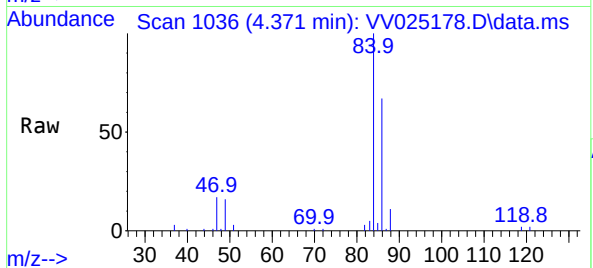
85 84.0 44.5 82.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/31/2022



#29

1,1,1-Trichloroethane

Concen: 1.769 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VV025178.D

Acq: 25 Mar 2022 14:55

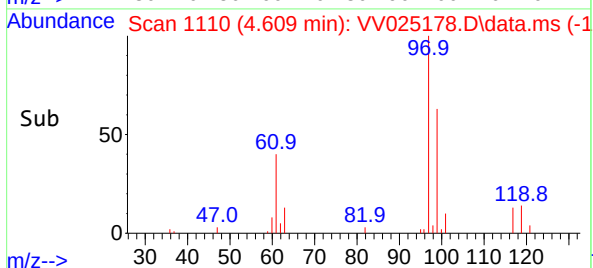
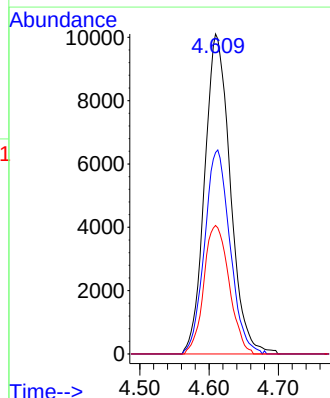
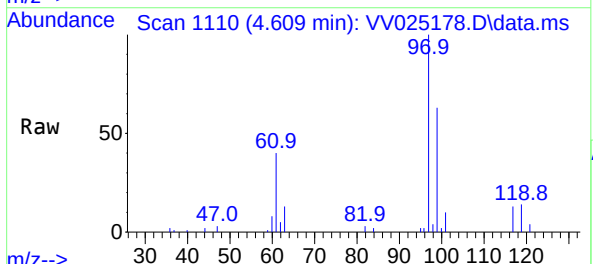
Tgt Ion: 97 Resp: 25942

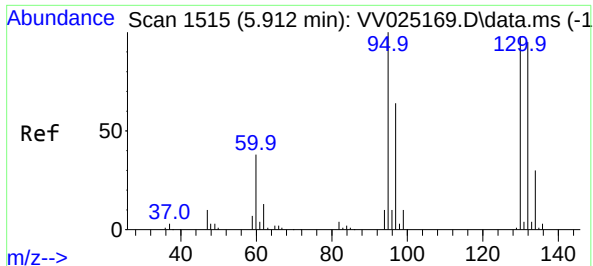
Ion Ratio Lower Upper

97 100

99 63.5 50.7 76.1

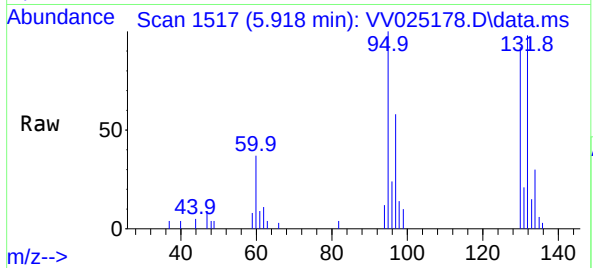
61 39.6 32.4 48.6





#34
Trichloroethene
Concen: 0.983 ug/L
RT: 5.918 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV025178.D
Acq: 25 Mar 2022 14:55

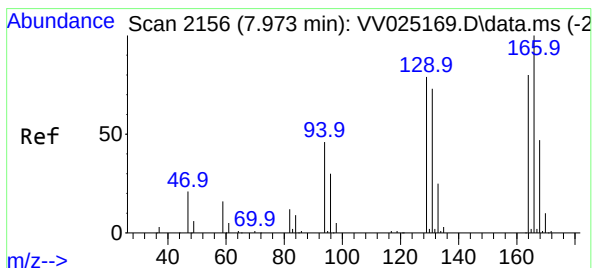
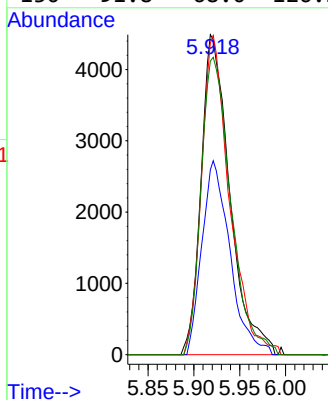
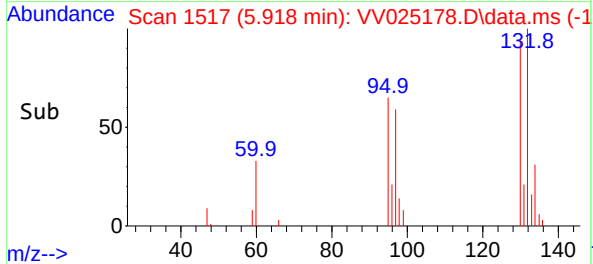
Instrument :
MSVOA_V
ClientSampleId :
EW607DL



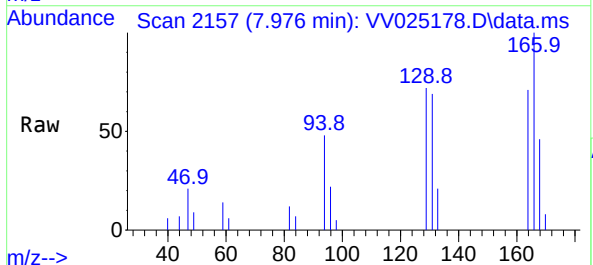
Tgt Ion: 95 Resp: 9792
Ion Ratio Lower Upper
95 100
97 57.8 44.5 82.7
132 97.5 66.5 123.5
130 91.8 68.0 126.2

Manual Integrations
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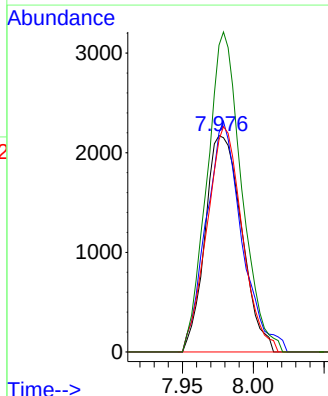
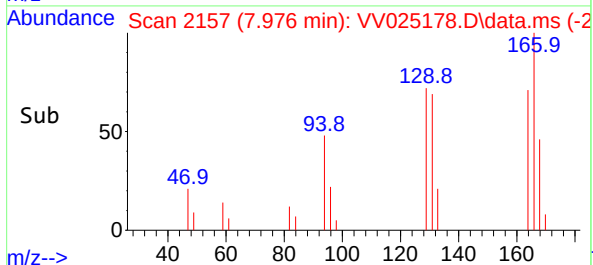
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/31/2022

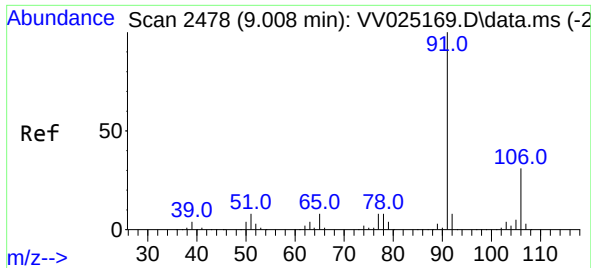


#47
Tetrachloroethene
Concen: 0.556 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025178.D
Acq: 25 Mar 2022 14:55



Tgt Ion:164 Resp: 3898
Ion Ratio Lower Upper
164 100
129 101.3 70.3 130.7
131 98.0 69.4 129.0
166 141.7 90.3 167.7





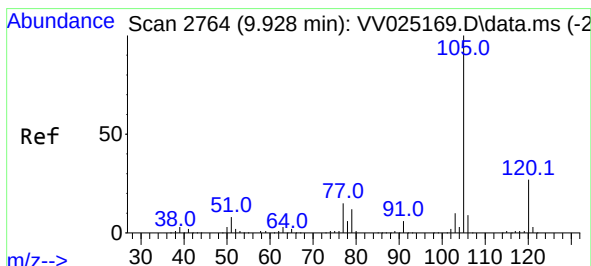
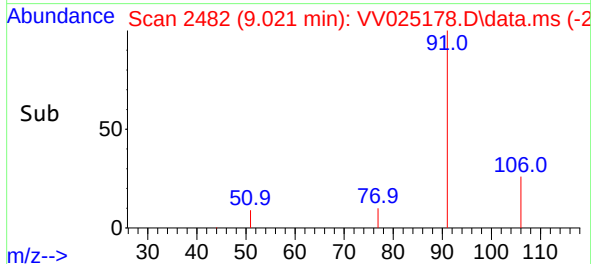
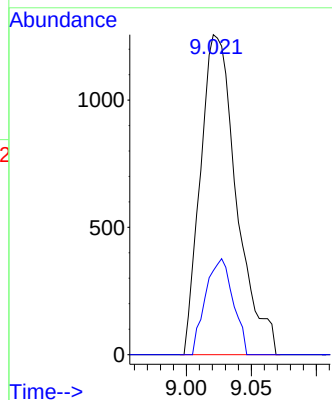
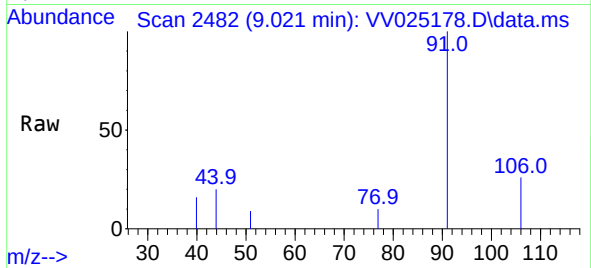
#52
Ethylbenzene
Concen: 0.059 ug/L
RT: 9.021 min Scan# 2478
Delta R.T. 0.013 min
Lab File: VV025178.D
Acq: 25 Mar 2022 14:55

Instrument :
MSVOA_V
ClientSampleId :
EW607DL

Tgt Ion: 91 Resp: 242
Ion Ratio Lower Upper
91 100
106 26.3 21.9 40.7

Manual Integrations
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Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/31/2022



#60
Isopropylbenzene
Concen: 0.223 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.006 min
Lab File: VV025178.D
Acq: 25 Mar 2022 14:55

Tgt Ion:105 Resp: 8432
Ion Ratio Lower Upper
105 100
120 23.6 20.7 31.1
77 16.4 12.2 18.2

