

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080522\
 Data File : VW027235.D
 Acq On : 05 Aug 2022 19:27
 Operator : SY/MD
 Sample : N4021-13
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5D69

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/07/2022
 Supervised By :Mahesh Dadoda 08/08/2022

Quant Time: Aug 06 04:02:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 03:57:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	348264	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	355853	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	141906	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	164718	69.373	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 138.740%#			
7) Chloroethane-d5	1.558	69	112749	64.955	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 129.900%			
11) 1,1-Dichloroethene-d2	2.102	63	192248	44.265	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.540%			
21) 2-Butanone-d5	3.876	46	235239	111.303	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 111.300%			
24) Chloroform-d	4.343	84	250045	51.411	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.820%			
26) 1,2-Dichloroethane-d4	5.027	65	172928	57.266	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.540%			
32) Benzene-d6	5.044	84	498261	58.388	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 116.780%			
36) 1,2-Dichloropropane-d6	6.066	67	180775	59.553	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 119.100%			
41) Toluene-d8	7.314	98	420214	57.771	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 115.540%			
43) trans-1,3-Dichloroprop...	7.619	79	70204	53.059	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.120%			
47) 2-Hexanone-d5	8.085	63	144171	98.610	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.610%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	242780	49.078	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.160%			
66) 1,2-Dichlorobenzene-d4	11.625	152	150109	61.254	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 122.500%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	2134007	605.250	ug/L	98
8) Chloroethane	1.577	64	2655	1.352	ug/L	96
17) trans-1,2-Dichloroethene	2.754	96	160996	60.289	ug/L	92
20) cis-1,2-Dichloroethene	3.902	96	8147542m	2937.046	ug/L	
29) Cyclohexane	4.677	56	6930	1.691	ug/L #	52
34) Trichloroethene	5.908	95	2889045	986.678	ug/L	95
35) Methylcyclohexane	6.124	83	6883m	1.599	ug/L	
46) Tetrachloroethene	7.973	164	185098	86.370	ug/L	98

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

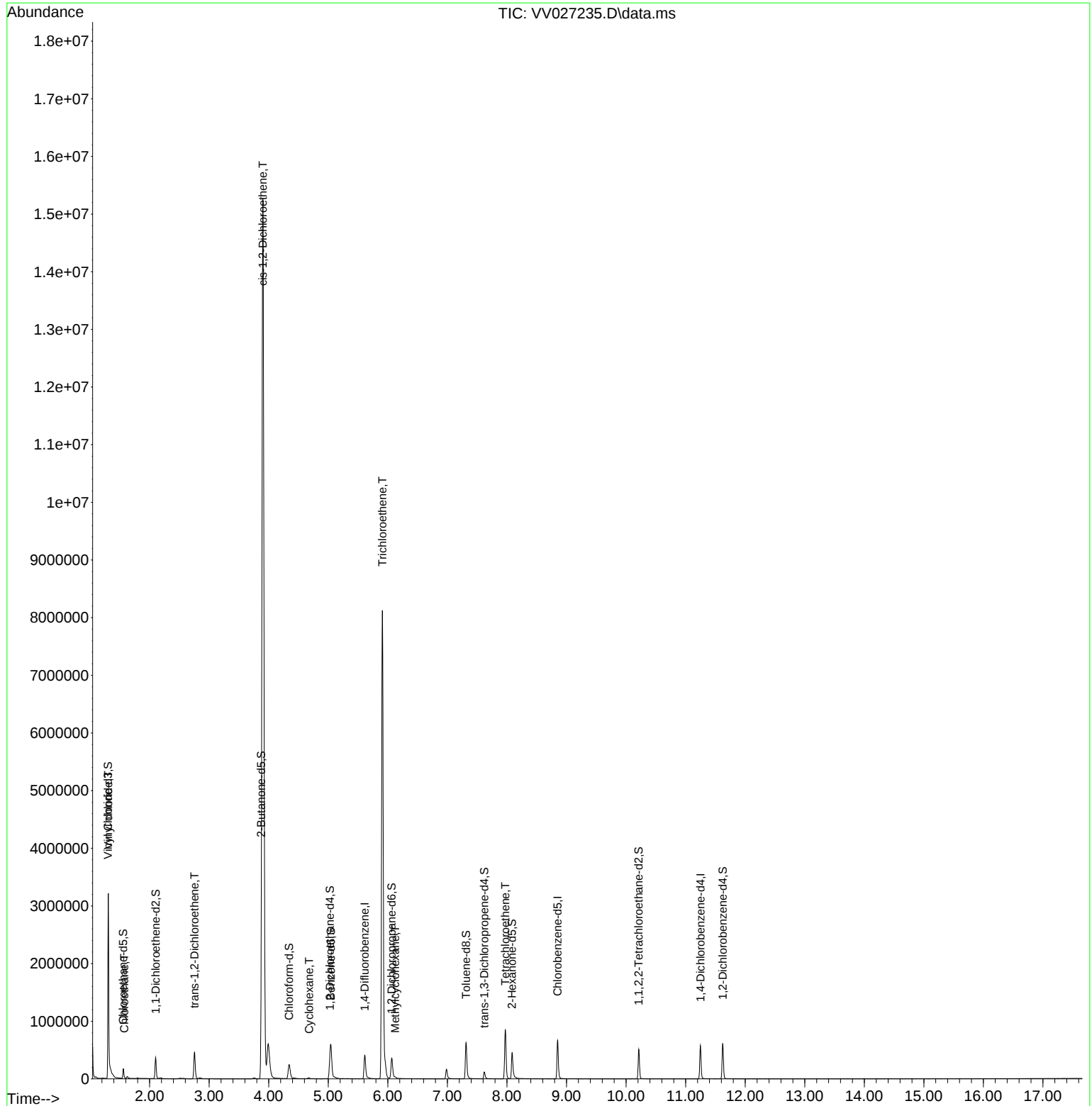
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080522\
Data File : VV027235.D
Acq On : 05 Aug 2022 19:27
Operator : SY/MD
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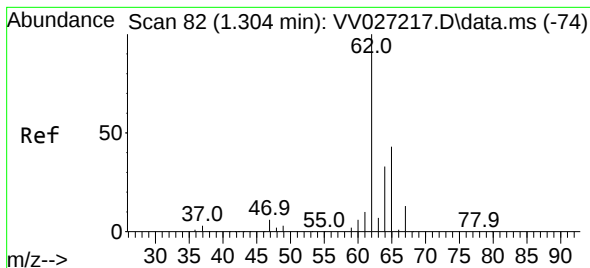
Instrument :
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Quant Time: Aug 06 04:02:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 06 03:57:43 2022
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 605.250 ug/L

RT: 1.307 min Scan# 81

Delta R.T. 0.003 min

Lab File: VV027235.D

Acq: 05 Aug 2022 19:27

Instrument :

MSVOA_V

ClientSampleId :

F5D69

Tgt Ion: 62 Resp: 213400

Ion Ratio Lower Upper

62 100

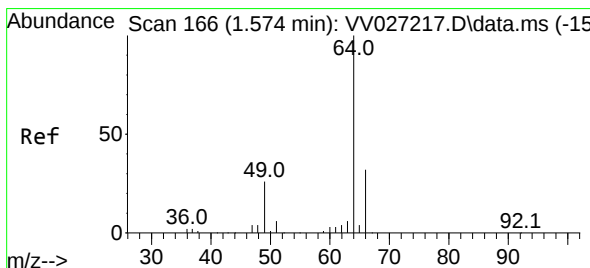
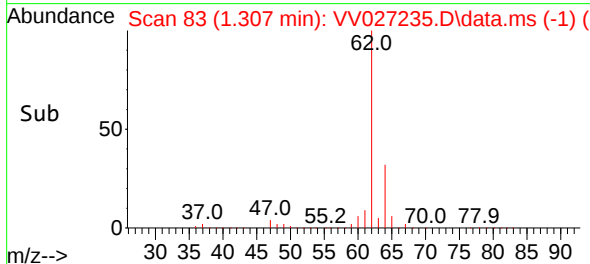
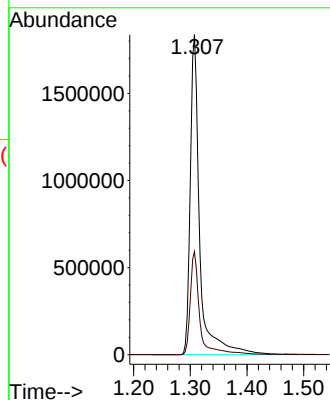
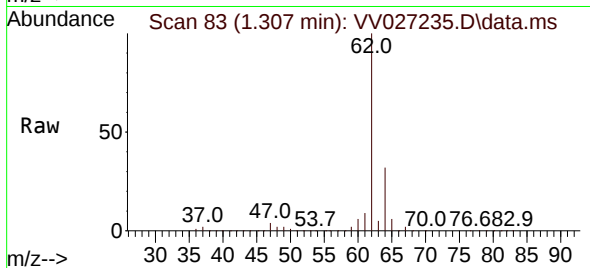
64 32.3 23.2 43.2

Manual Integrations

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#8

Chloroethane

Concen: 1.352 ug/L

RT: 1.577 min Scan# 167

Delta R.T. 0.003 min

Lab File: VV027235.D

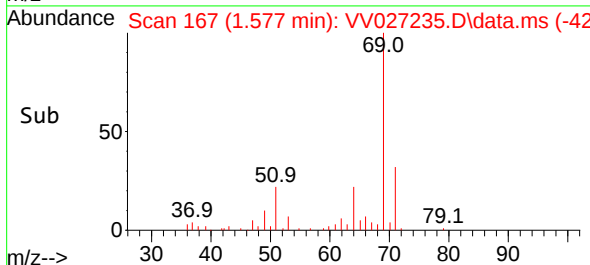
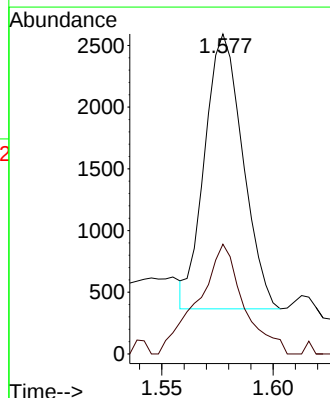
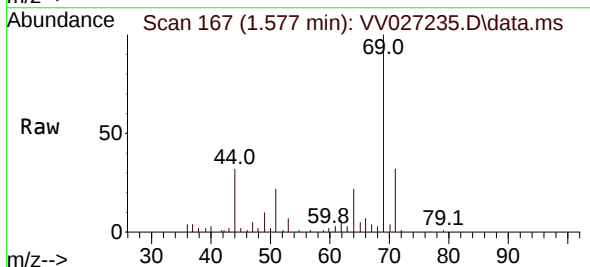
Acq: 05 Aug 2022 19:27

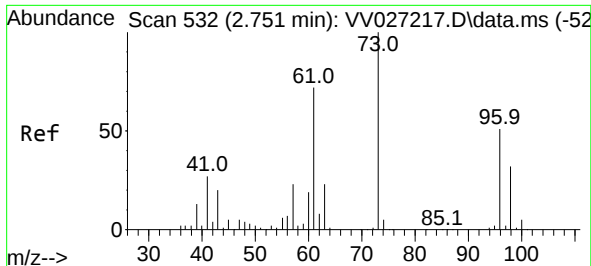
Tgt Ion: 64 Resp: 2655

Ion Ratio Lower Upper

64 100

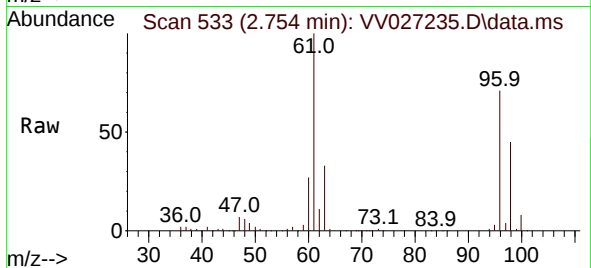
66 34.3 22.4 41.6





#17
trans-1,2-Dichloroethene
Concen: 60.289 ug/L
RT: 2.754 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027235.D
Acq: 05 Aug 2022 19:27

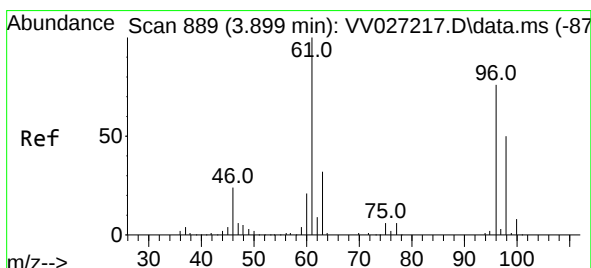
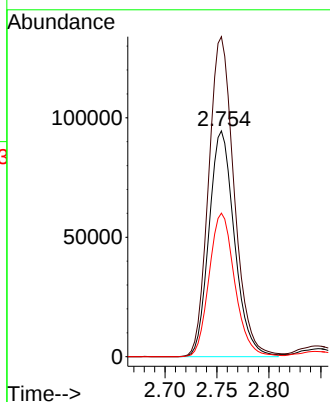
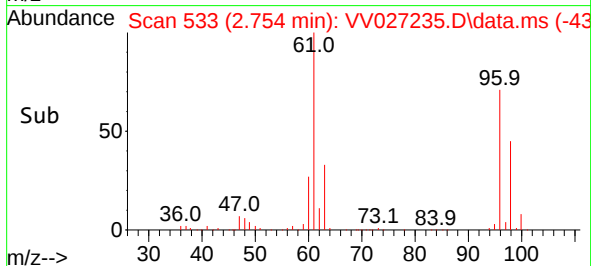
Instrument :
MSVOA_V
ClientSampleId :
F5D69



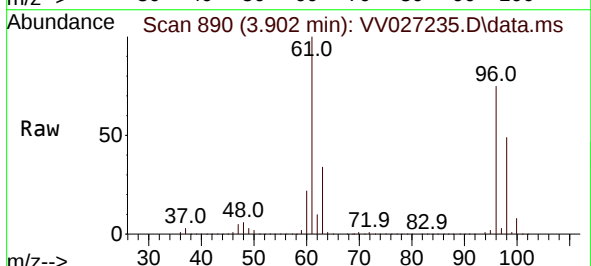
Tgt Ion: 96 Resp: 160990
Ion Ratio Lower Upper
96 100
61 141.8 89.2 165.6
98 63.6 44.6 82.8

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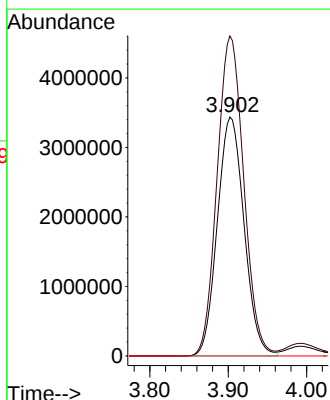
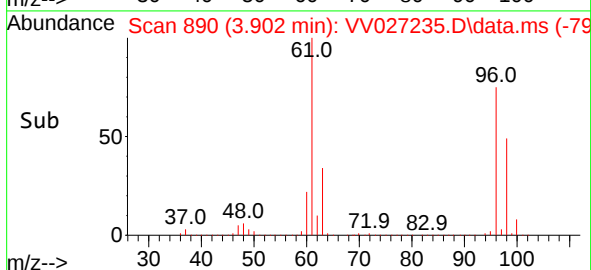
Reviewed By :Semsettin Yesilyurt 08/07/2022
Supervised By :Mahesh Dadoda 08/08/2022

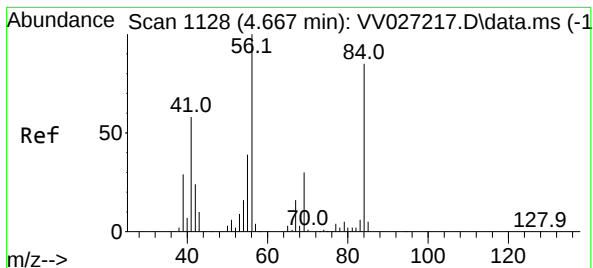


#20
cis-1,2-Dichloroethene
Concen: 2937.046 ug/L m
RT: 3.902 min Scan# 890
Delta R.T. 0.003 min
Lab File: VV027235.D
Acq: 05 Aug 2022 19:27



Tgt Ion: 96 Resp: 8147542
Ion Ratio Lower Upper
96 100
61 134.0 81.8 151.8
68 0.0 0.0 0.0#





#29

Cyclohexane

Concen: 1.691 ug/L

RT: 4.677 min Scan# 1128

Delta R.T. 0.010 min

Lab File: VV027235.D

Acq: 05 Aug 2022 19:27

Instrument :

MSVOA_V

ClientSampleId :

F5D69

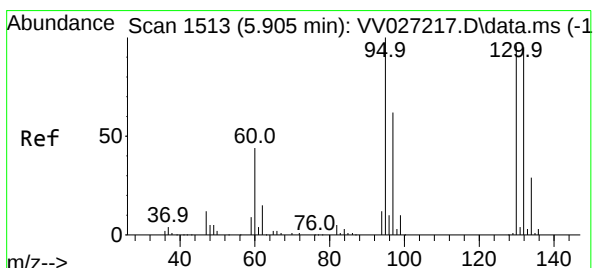
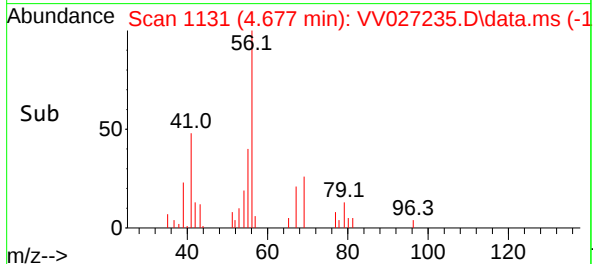
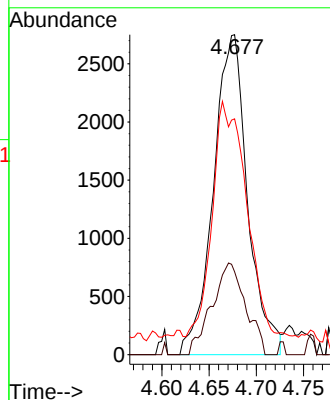
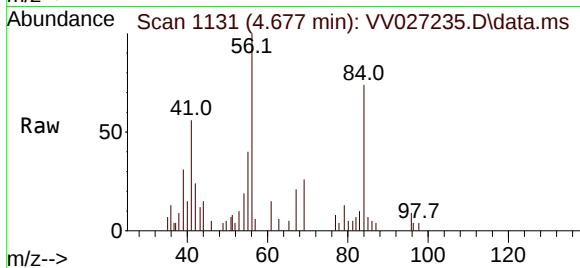
Tgt Ion: 56 Resp: 6930

Ion	Ratio	Lower	Upper
56	100		
69	25.5	25.9	38.9
84	35.8	75.3	112.9

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#34

Trichloroethene

Concen: 986.678 ug/L

RT: 5.908 min Scan# 1514

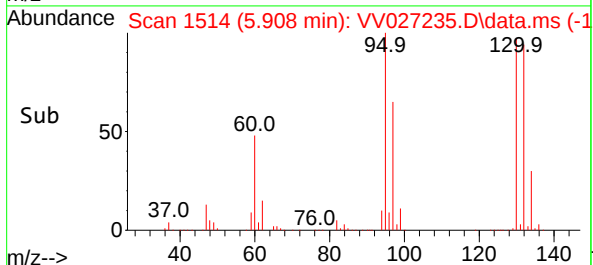
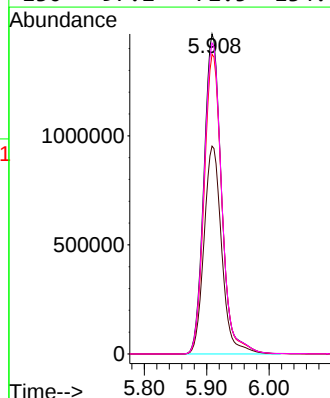
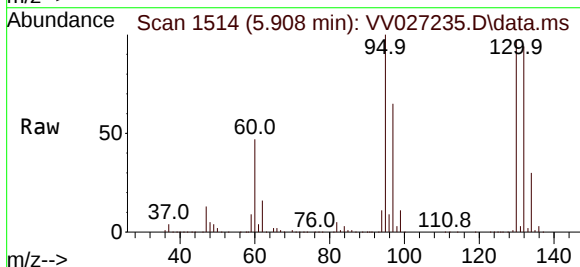
Delta R.T. 0.003 min

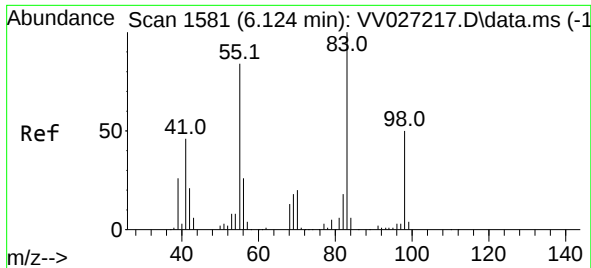
Lab File: VV027235.D

Acq: 05 Aug 2022 19:27

Tgt Ion: 95 Resp: 2889045

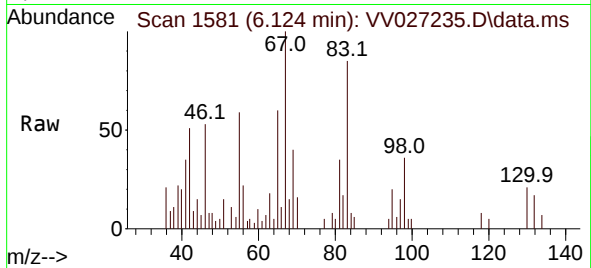
Ion	Ratio	Lower	Upper
95	100		
97	65.0	45.9	85.3
132	93.6	69.8	129.6
130	97.2	72.5	134.7





#35
Methylcyclohexane
Concen: 1.599 ug/L m
RT: 6.124 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VV027235.D
Acq: 05 Aug 2022 19:27

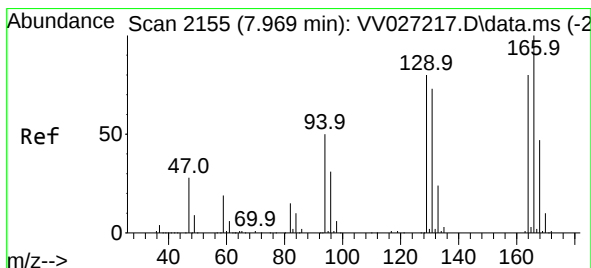
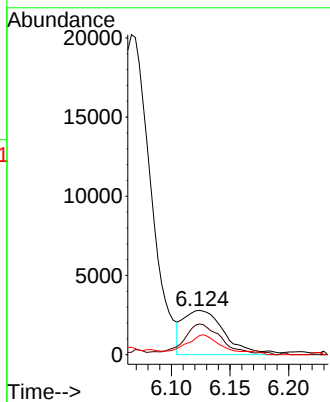
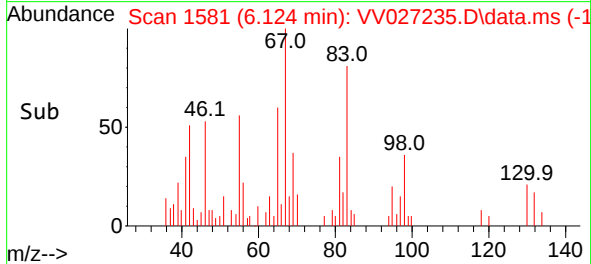
Instrument :
MSVOA_V
ClientSampleId :
F5D69



Tgt Ion: 83 Resp: 688
Ion Ratio Lower Upper
83 100
55 3.2 55.5 83.3
98 6.3 39.0 58.4

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#46
Tetrachloroethene
Concen: 86.370 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV027235.D
Acq: 05 Aug 2022 19:27

Tgt Ion:164 Resp: 185098
Ion Ratio Lower Upper
164 100
129 98.9 67.5 125.4
131 97.0 64.3 119.3
166 126.7 88.9 165.1

