

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120822\
 Data File : VW029494.D
 Acq On : 08 Dec 2022 23:40
 Operator : SY/MD
 Sample : N5915-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5N03

Quant Time: Dec 09 04:16:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 01:48:46 2022
 Response via : Initial Calibration

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

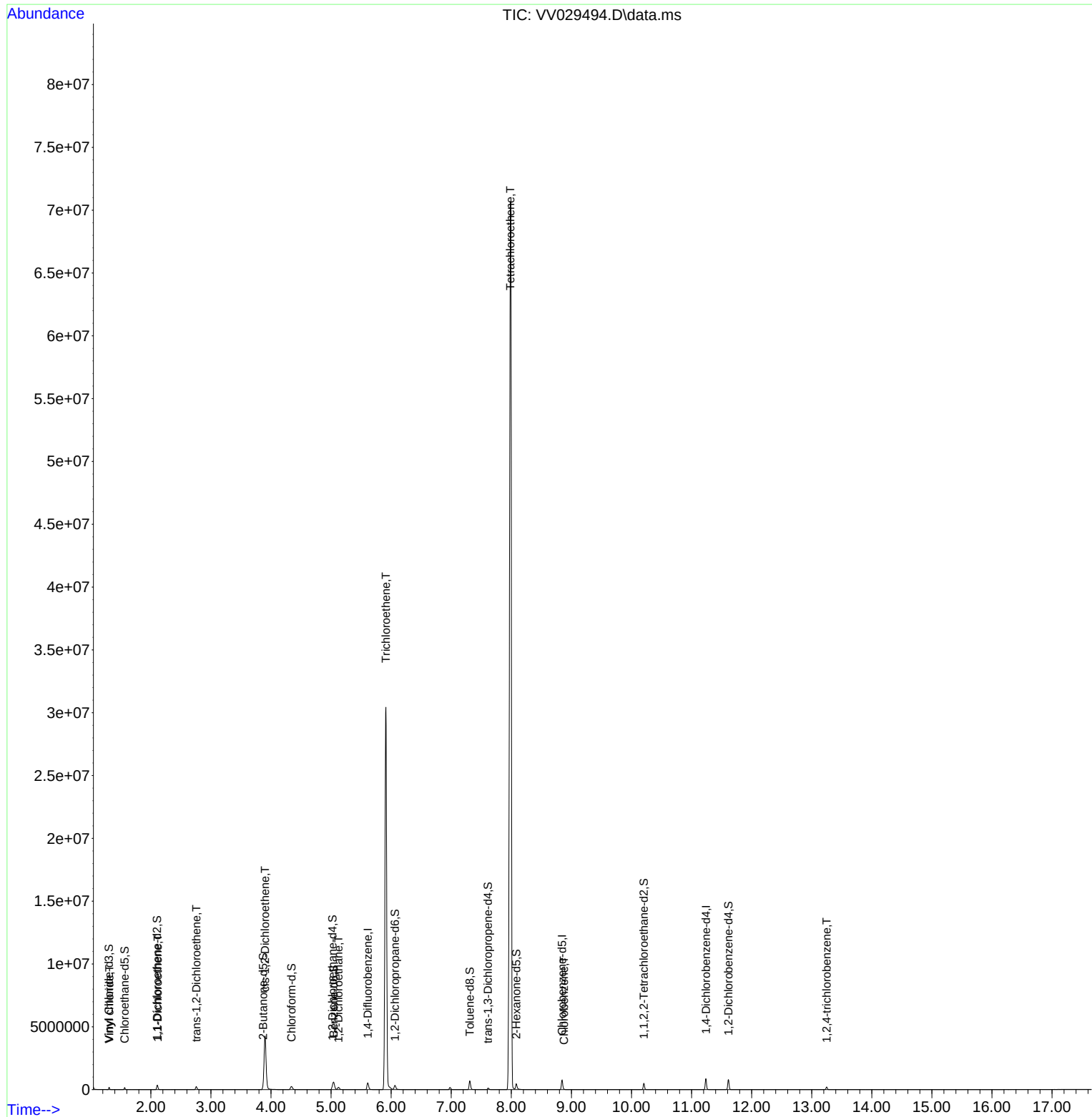
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	501499	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	433186	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	236674	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	108590	35.360	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.720%
7) Chloroethane-d5	1.564	69	101796	43.471	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.940%
11) 1,1-Dichloroethene-d2	2.105	63	168950	35.272	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.540%
21) 2-Butanone-d5	3.866	46	208372	111.228	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.230%
24) Chloroform-d	4.339	84	274199	47.448	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.900%
26) 1,2-Dichloroethane-d4	5.024	65	166030	50.303	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.600%
32) Benzene-d6	5.043	84	576621	50.376	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.760%
36) 1,2-Dichloropropane-d6	6.063	67	169555	48.496	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.000%
41) Toluene-d8	7.310	98	488811	45.324	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.640%
43) trans-1,3-Dichloroprop...	7.612	79	77967	44.162	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.320%
47) 2-Hexanone-d5	8.082	63	161402	108.106	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.110%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	250101	50.058	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.120%
66) 1,2-Dichlorobenzene-d4	11.612	152	218183	48.427	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.860%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	5269	1.398	ug/L #	67
12) 1,1-Dichloroethene	2.114	96	29359	10.952	ug/L #	1
17) trans-1,2-Dichloroethene	2.757	96	95189	30.818	ug/L	95
20) cis-1,2-Dichloroethene	3.902	96	2541453	748.279	ug/L	94
27) 1,2-Dichloroethane	5.124	62	167981	43.349	ug/L	98
34) Trichloroethene	5.911	95	10960601	3582.231	ug/L	96
46) Tetrachloroethene	7.985	164	19098715	7763.774	ug/L	85
51) Chlorobenzene	8.876	112	11588	1.392	ug/L	93
70) 1,2,4-trichlorobenzene	13.249	180	67982	14.139	ug/L	99

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

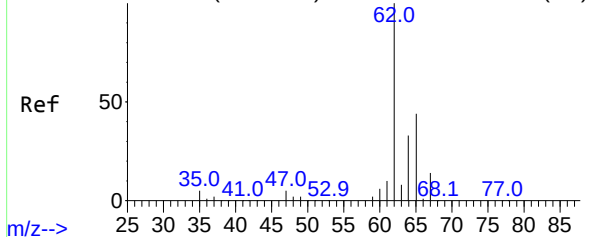
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029494.D
Acq On : 08 Dec 2022 23:40
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 08 01:48:46 2022
Response via : Initial Calibration



Abundance Scan 84 (1.310 min): VV029484.D\data.ms (-76)



#5

Vinyl chloride

Concen: 1.398 ug/L

RT: 1.310 min Scan# 84

Delta R.T. 0.003 min

Lab File: VV029494.D

Acq: 08 Dec 2022 23:40

Instrument :

MSVOA_V

ClientSampleId :

F5N03

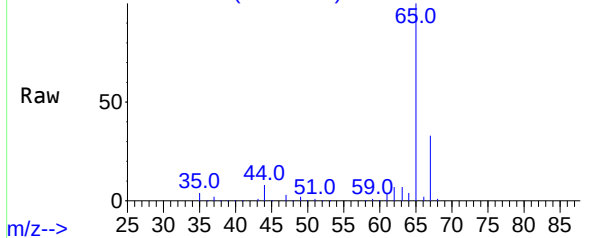
Tgt Ion: 62 Resp: 5269

Ion Ratio Lower Upper

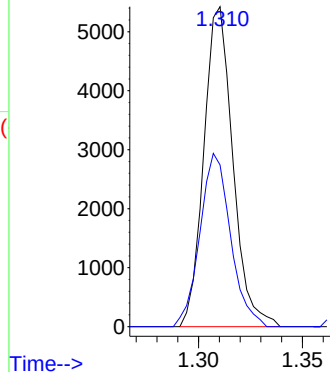
62 100

64 50.6 22.5 41.9#

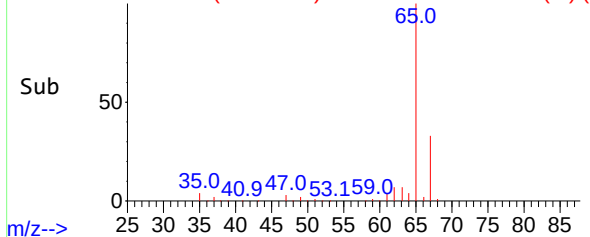
Abundance Scan 84 (1.310 min): VV029494.D\data.ms



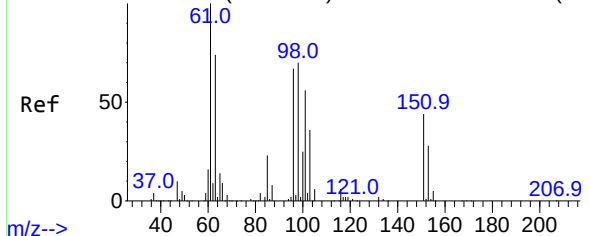
Abundance



Abundance Scan 84 (1.310 min): VV029494.D\data.ms (-1)



Abundance Scan 334 (2.114 min): VV029484.D\data.ms (-32)



#12

1,1-Dichloroethene

Concen: 10.952 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

Lab File: VV029494.D

Acq: 08 Dec 2022 23:40

Tgt Ion: 96 Resp: 29359

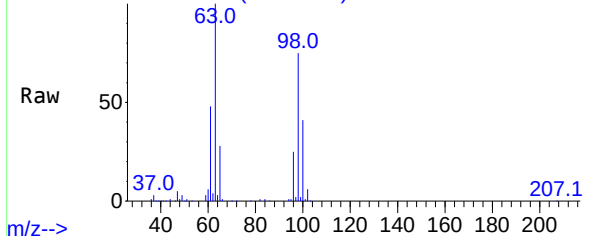
Ion Ratio Lower Upper

96 100

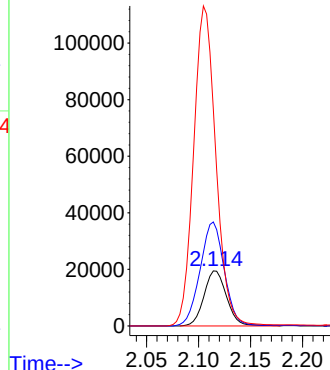
61 188.8 103.3 191.9

63 393.9 77.3 143.7#

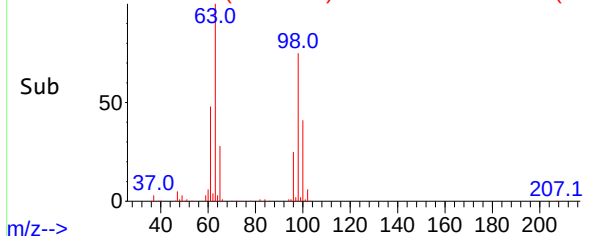
Abundance Scan 334 (2.114 min): VV029494.D\data.ms

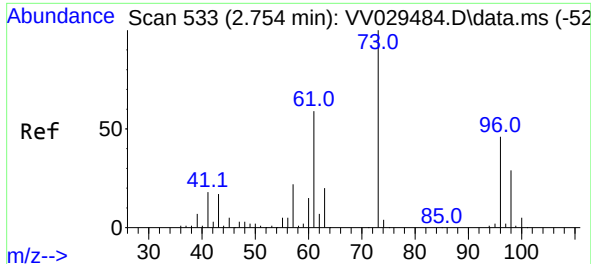


Abundance



Abundance Scan 334 (2.114 min): VV029494.D\data.ms (-24)





#17

trans-1,2-Dichloroethene

Concen: 30.818 ug/L

RT: 2.757 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV029494.D

Acq: 08 Dec 2022 23:40

Instrument :

MSVOA_V

ClientSampleId :

F5N03

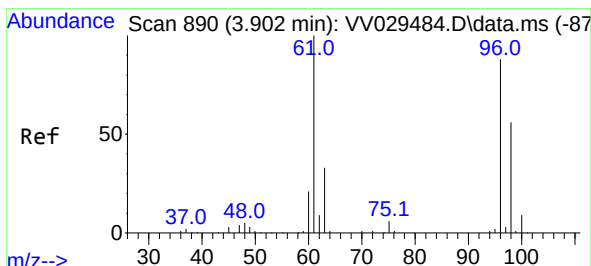
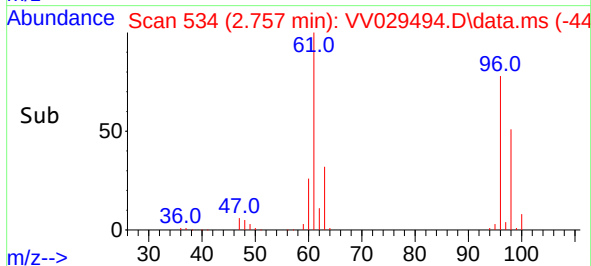
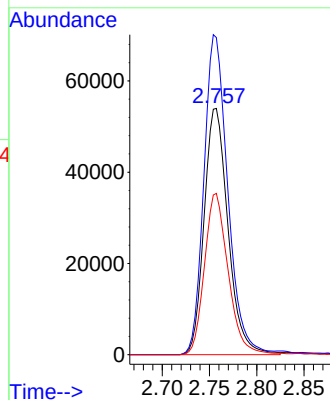
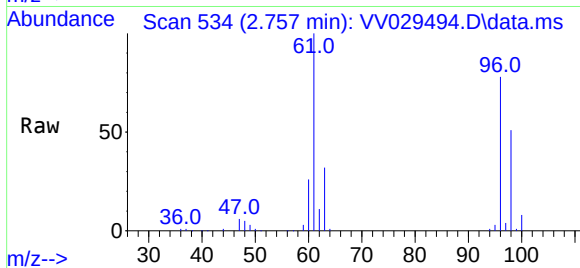
Tgt Ion: 96 Resp: 95189

Ion Ratio Lower Upper

96 100

61 128.7 86.4 160.4

98 65.5 43.4 80.6



#20

cis-1,2-Dichloroethene

Concen: 748.279 ug/L

RT: 3.902 min Scan# 890

Delta R.T. -0.003 min

Lab File: VV029494.D

Acq: 08 Dec 2022 23:40

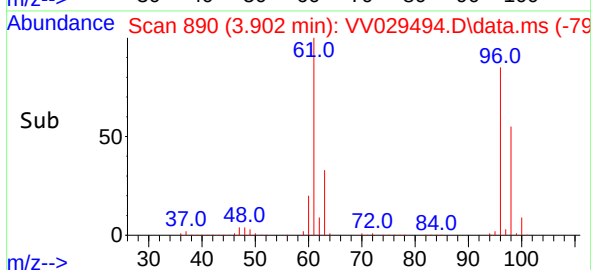
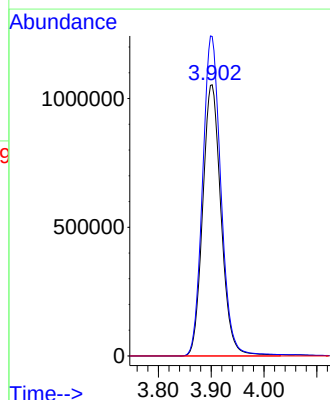
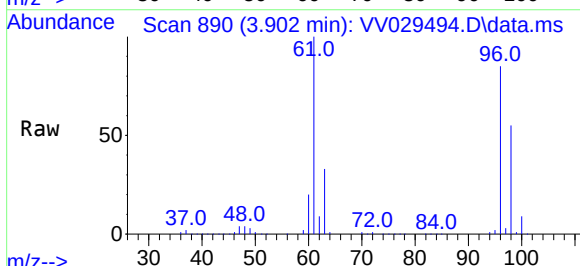
Tgt Ion: 96 Resp: 2541453

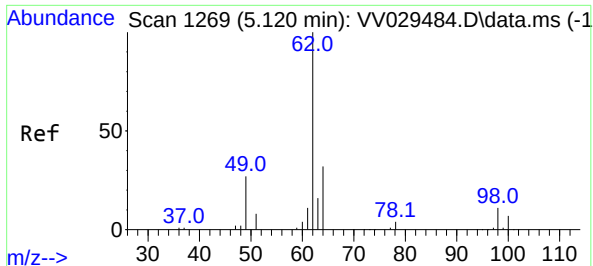
Ion Ratio Lower Upper

96 100

61 117.8 78.0 144.9

68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 43.349 ug/L

RT: 5.124 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV029494.D

Acq: 08 Dec 2022 23:40

Instrument :

MSVOA_V

ClientSampleId :

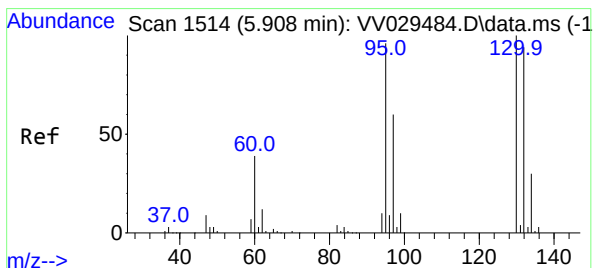
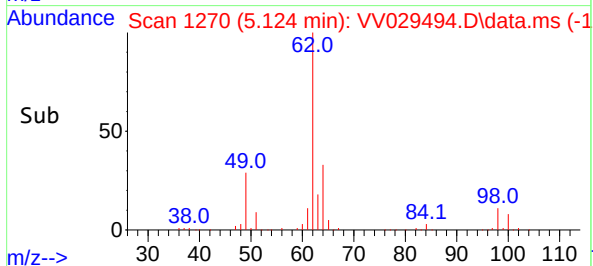
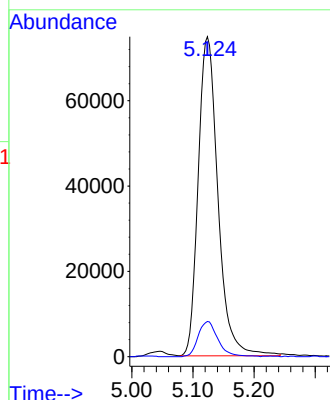
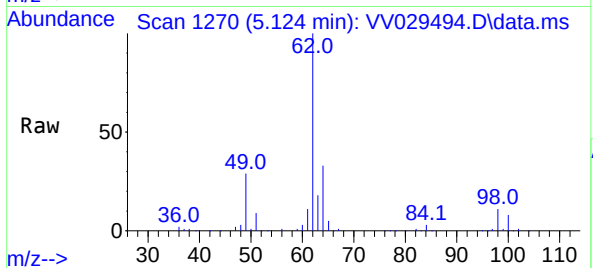
F5N03

Tgt Ion: 62 Resp: 167981

Ion Ratio Lower Upper

62 100

98 11.0 9.4 14.0



#34

Trichloroethene

Concen: 3582.231 ug/L

RT: 5.911 min Scan# 1515

Delta R.T. 0.003 min

Lab File: VV029494.D

Acq: 08 Dec 2022 23:40

Tgt Ion: 95 Resp:10960601

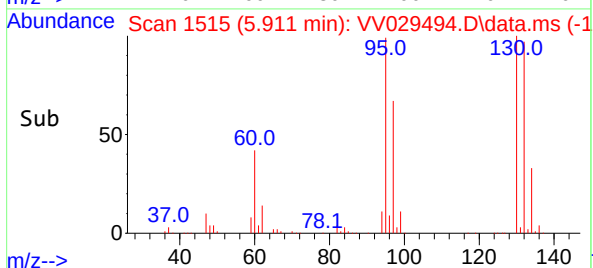
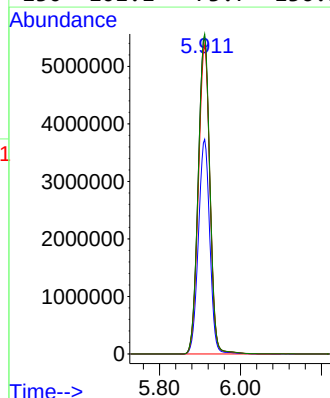
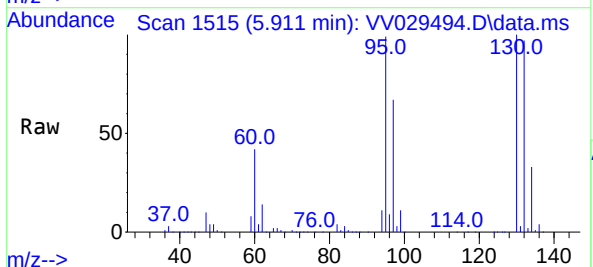
Ion Ratio Lower Upper

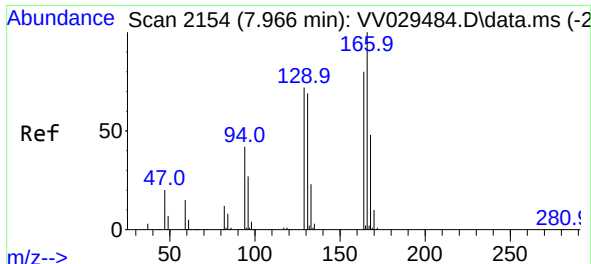
95 100

97 67.8 44.0 81.8

132 97.6 69.9 129.9

130 101.1 73.7 136.9

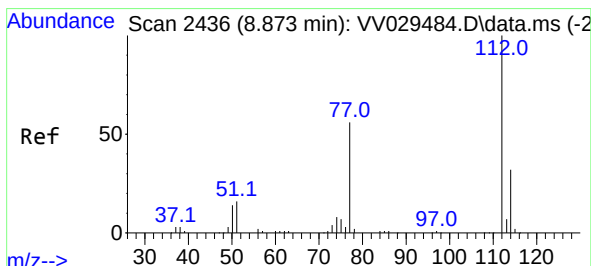
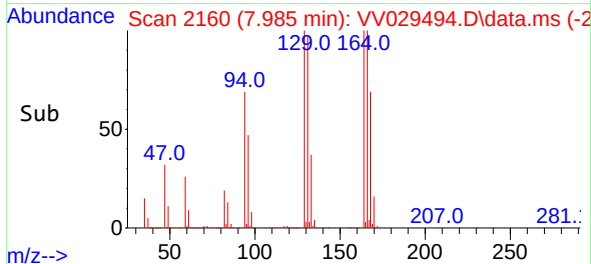
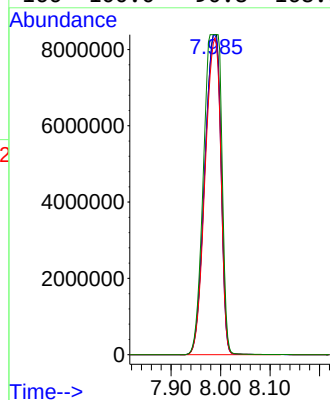
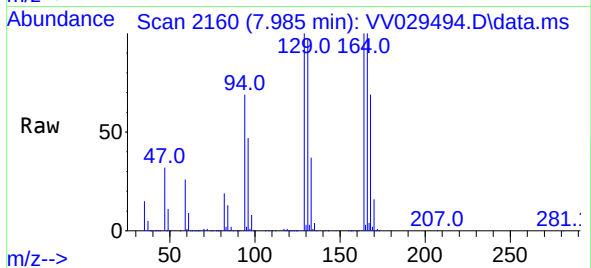




#46
Tetrachloroethene
Concen: 7763.774 ug/L
RT: 7.985 min Scan# 2154
Delta R.T. 0.016 min
Lab File: VV029494.D
Acq: 08 Dec 2022 23:40

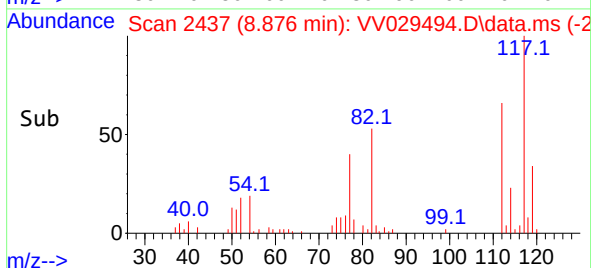
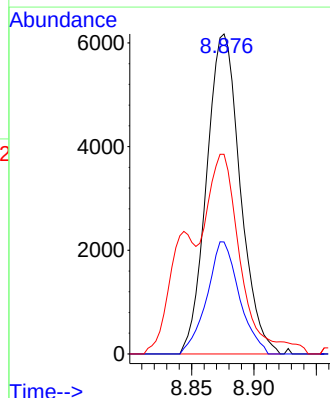
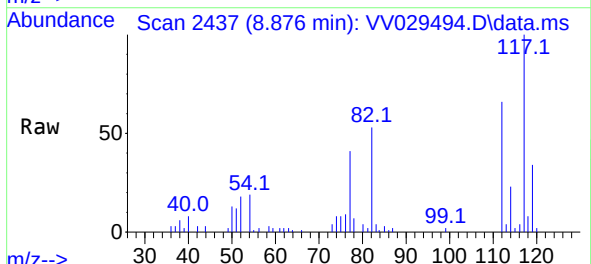
Instrument :
MSVOA_V
ClientSampleId :
F5N03

Tgt Ion:164 Resp:19098715
Ion Ratio Lower Upper
164 100
129 99.9 65.3 121.3
131 97.3 63.1 117.1
166 100.0 90.8 168.6

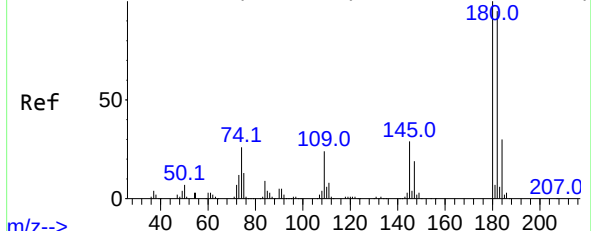


#51
Chlorobenzene
Concen: 1.392 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. 0.003 min
Lab File: VV029494.D
Acq: 08 Dec 2022 23:40

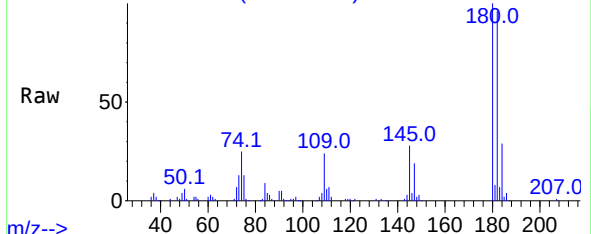
Tgt Ion:112 Resp: 11588
Ion Ratio Lower Upper
112 100
114 35.0 22.3 41.3
77 62.4 45.0 67.4



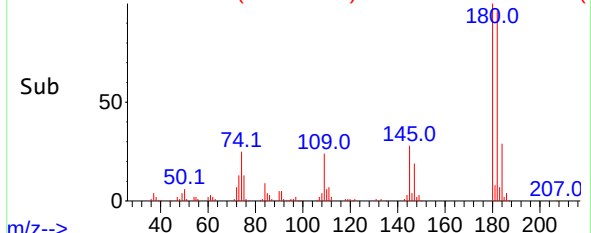
Abundance Scan 3797 (13.249 min): VV029484.D\data.ms (-



Abundance Scan 3797 (13.249 min): VV029494.D\data.ms (-



Abundance Scan 3797 (13.249 min): VV029494.D\data.ms (-



#70
1,2,4-trichlorobenzene
Concen: 14.139 ug/L
RT: 13.249 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV029494.D
Acq: 08 Dec 2022 23:40

Instrument :
MSVOA_V
ClientSampleId :
F5N03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.3	114.5
145	28.9	23.7	35.5

