

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091522\
 Data File : VW027865.D
 Acq On : 15 Sep 2022 19:30
 Operator : SY/MD
 Sample : N4652-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ35

Quant Time: Sep 16 01:35:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 16 01:29:01 2022
 Response via : Initial Calibration

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

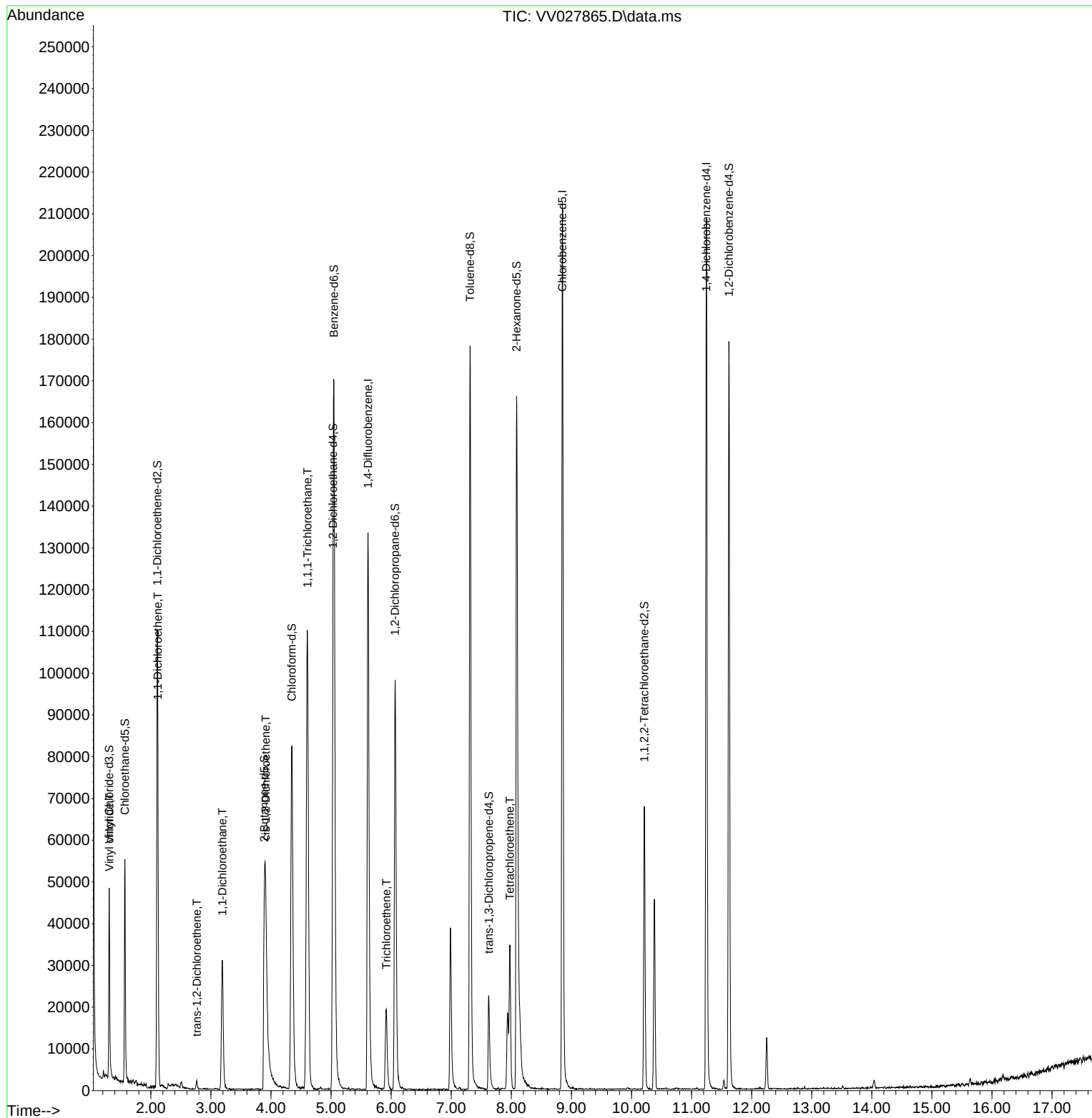
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	123325	5.000	ug/L	# 0.03
28) Chlorobenzene-d5	8.850	117	123358	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	59532	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	31437	3.867	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.568	69	33790	4.900	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.108	63	51001	2.957	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.200%#
20) 2-Butanone-d5	3.889	46	82498	45.792	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.580%
24) Chloroform-d	4.346	84	88796	5.335	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.600%
26) 1,2-Dichloroethane-d4	5.030	65	47113	5.315	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	5.047	84	158604	4.432	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.066	67	43259	4.129	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.600%
41) Toluene-d8	7.313	98	125039	4.155	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	7.625	79	14408	4.099	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.088	63	60788	46.523	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.040%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	30925	4.596	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	50016	5.114	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						
5) Vinyl chloride	1.310	62	1215	0.109	ug/L	# 44
12) 1,1-Dichloroethene	2.117	96	10613	1.298	ug/L	# 46
18) trans-1,2-Dichloroethene	2.764	96	664	0.077	ug/L	# 63
19) 1,1-Dichloroethane	3.188	63	30355	1.874	ug/L	98
22) cis-1,2-Dichloroethene	3.912	96	13036	1.386	ug/L	# 84
29) 1,1,1-Trichloroethane	4.606	97	90766	4.784	ug/L	96
34) Trichloroethene	5.921	95	6356	0.623	ug/L	95
47) Tetrachloroethene	7.976	164	7721	0.944	ug/L	99

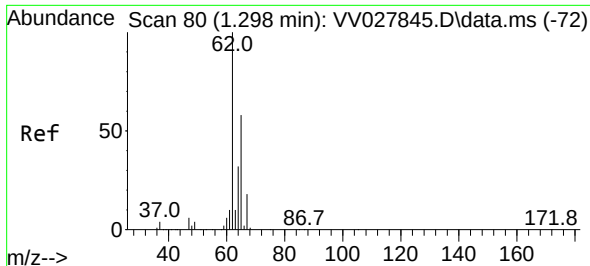
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 16 01:29:01 2022
Response via : Initial Calibration

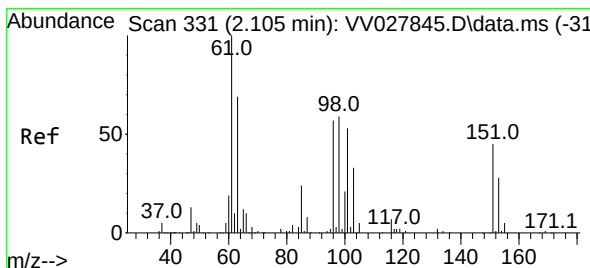
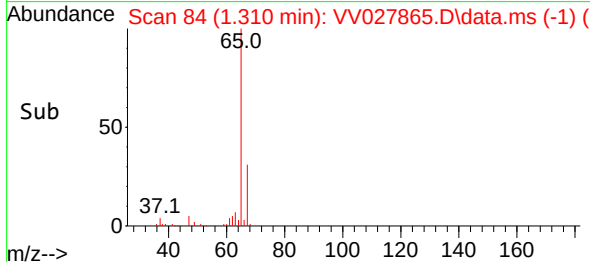
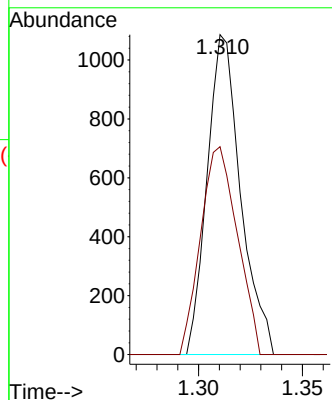
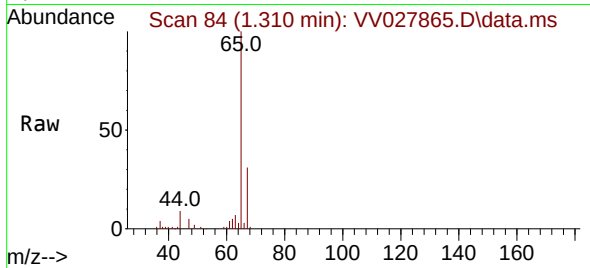




#5
 Vinyl chloride
 Concen: 0.109 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.013 min
 Lab File: VV027865.D
 Acq: 15 Sep 2022 19:30

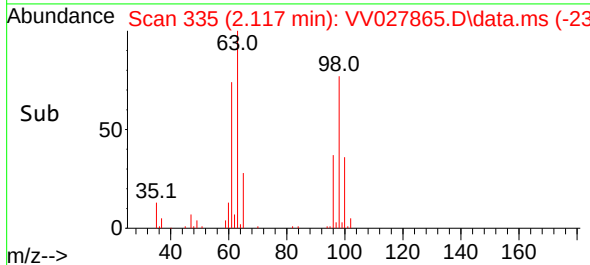
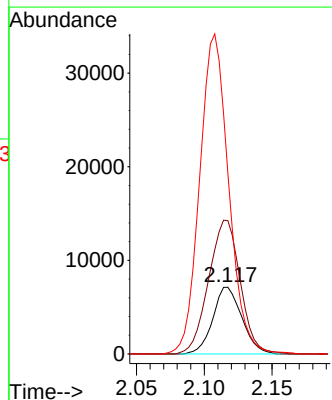
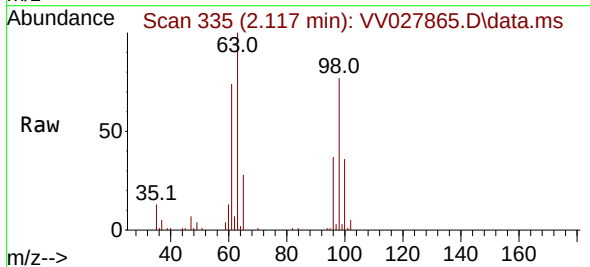
Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ35

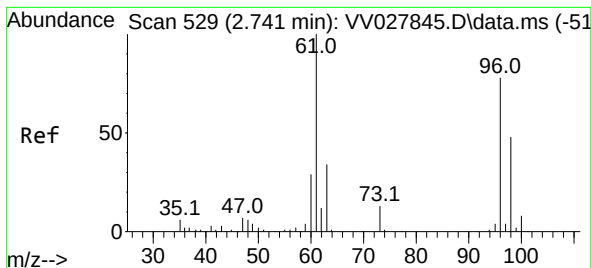
Tgt Ion: 62 Resp: 1215
 Ion Ratio Lower Upper
 62 100
 64 65.0 23.2 43.2#



#12
 1,1-Dichloroethene
 Concen: 1.298 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.013 min
 Lab File: VV027865.D
 Acq: 15 Sep 2022 19:30

Tgt Ion: 96 Resp: 10613
 Ion Ratio Lower Upper
 96 100
 61 199.9 129.9 241.3
 63 271.0 94.6 175.8#





#18

trans-1,2-Dichloroethene

Concen: 0.077 ug/L

RT: 2.764 min Scan# 51

Delta R.T. 0.022 min

Lab File: VV027865.D

Acq: 15 Sep 2022 19:30

Instrument :

MSVOA_V

ClientSampleId :

EXZ35

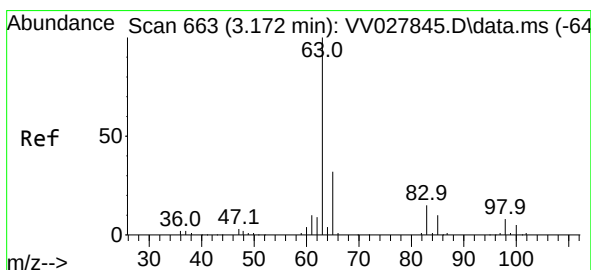
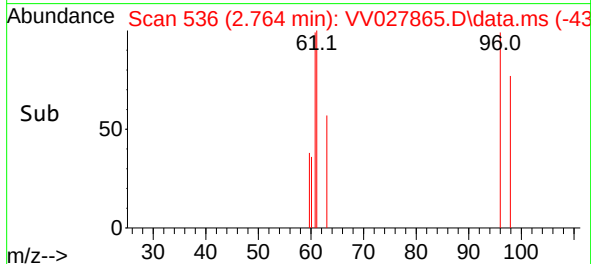
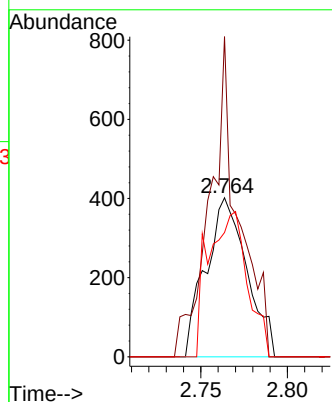
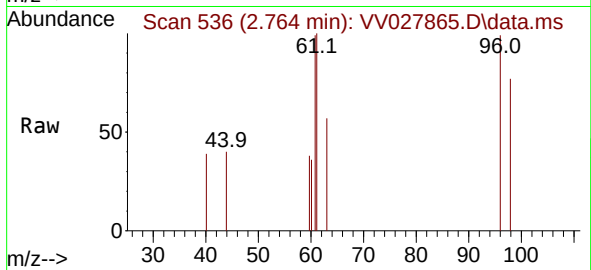
Tgt Ion: 96 Resp: 664

Ion Ratio Lower Upper

96 100

61 201.2 102.6 190.5#

98 78.1 44.0 81.8



#19

1,1-Dichloroethane

Concen: 1.874 ug/L

RT: 3.188 min Scan# 668

Delta R.T. 0.016 min

Lab File: VV027865.D

Acq: 15 Sep 2022 19:30

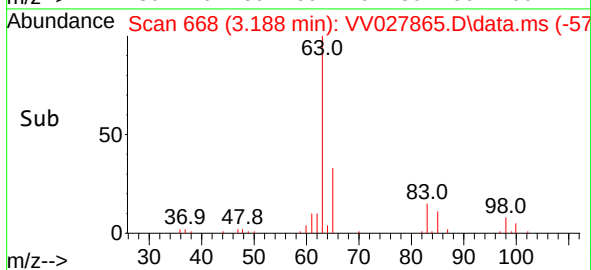
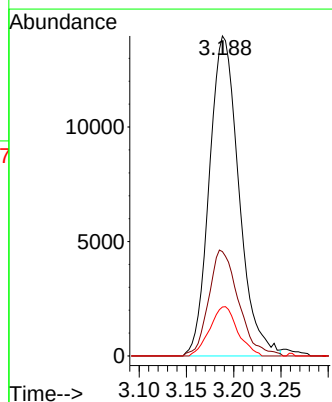
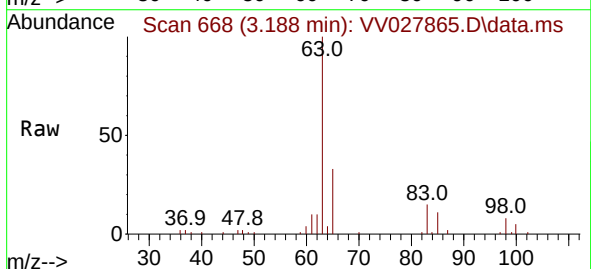
Tgt Ion: 63 Resp: 30355

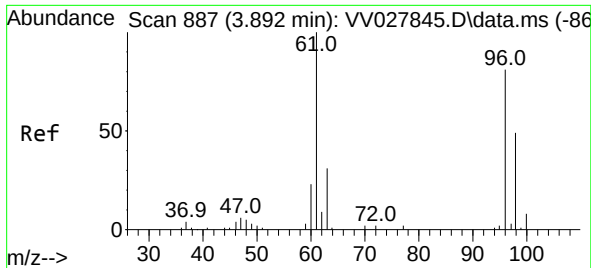
Ion Ratio Lower Upper

63 100

65 32.6 22.0 41.0

83 15.3 10.1 18.9





#22

cis-1,2-Dichloroethene

Concen: 1.386 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.019 min

Lab File: VV027865.D

Acq: 15 Sep 2022 19:30

Instrument :

MSVOA_V

ClientSampleId :

EXZ35

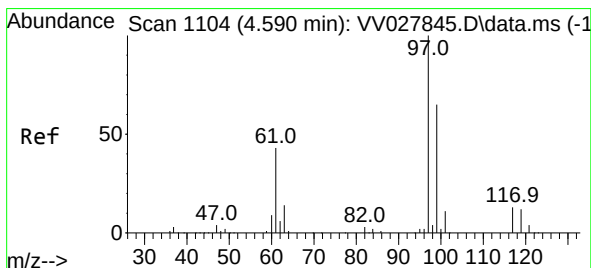
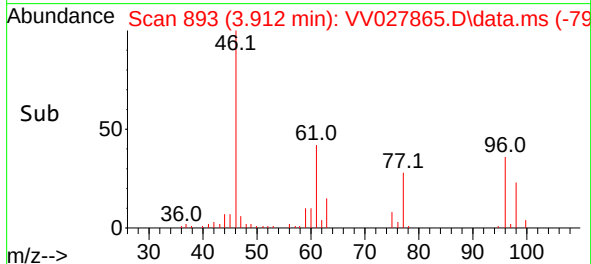
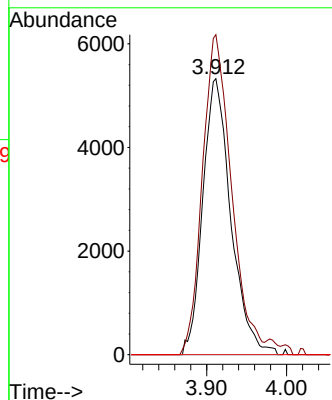
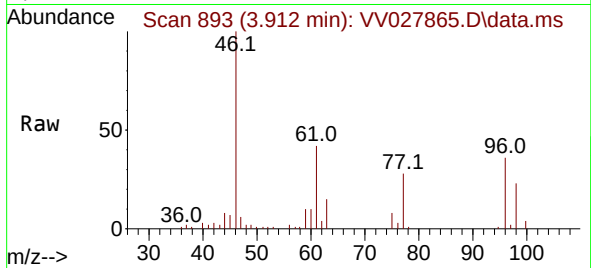
Tgt Ion: 96 Resp: 13036

Ion Ratio Lower Upper

96 100

61 115.9 94.6 175.6

68 0.0 0.3 0.5#



#29

1,1,1-Trichloroethane

Concen: 4.784 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.016 min

Lab File: VV027865.D

Acq: 15 Sep 2022 19:30

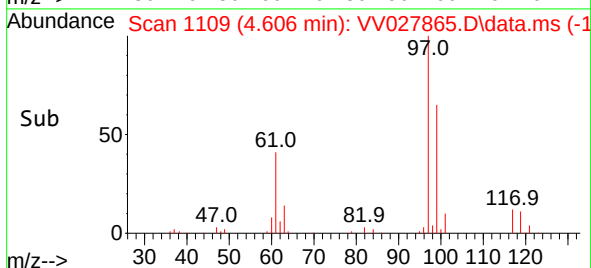
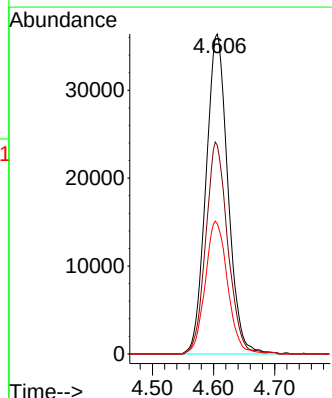
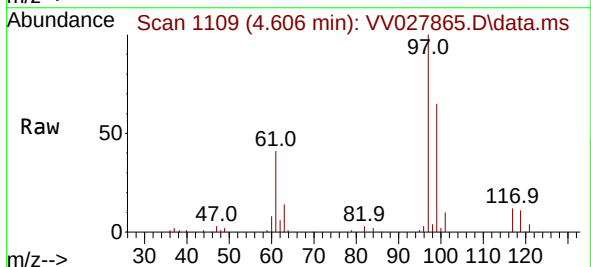
Tgt Ion: 97 Resp: 90766

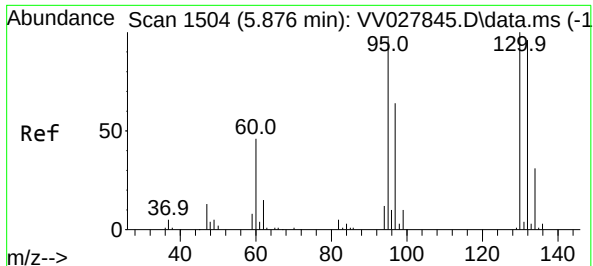
Ion Ratio Lower Upper

97 100

99 66.3 50.8 76.2

61 42.3 36.2 54.4



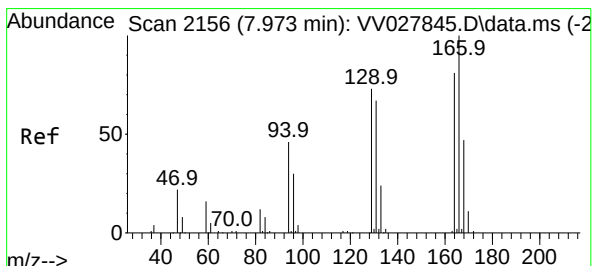
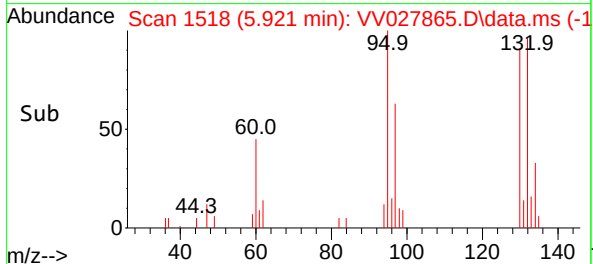
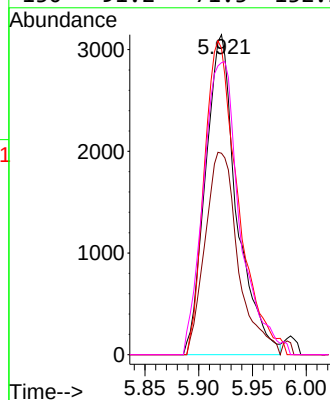
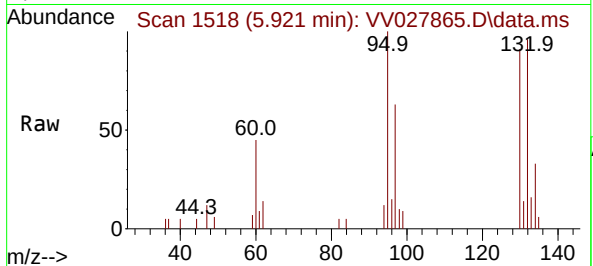


#34
 Trichloroethene
 Concen: 0.623 ug/L
 RT: 5.921 min Scan# 11
 Delta R.T. 0.045 min
 Lab File: VV027865.D
 Acq: 15 Sep 2022 19:30

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ35

Tgt Ion: 95 Resp: 6356

Ion	Ratio	Lower	Upper
95	100		
97	63.0	42.9	79.7
132	95.8	67.9	126.1
130	91.2	71.3	132.3



#47
 Tetrachloroethene
 Concen: 0.944 ug/L
 RT: 7.976 min Scan# 2157
 Delta R.T. 0.003 min
 Lab File: VV027865.D
 Acq: 15 Sep 2022 19:30

Tgt Ion: 164 Resp: 7721

Ion	Ratio	Lower	Upper
164	100		
129	96.9	67.2	124.8
131	84.6	61.5	114.3
166	130.0	91.1	169.3

