

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122721\
 Data File : VW024185.D
 Acq On : 27 Dec 2021 17:27
 Operator : SY/MD
 Sample : M5126-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 28 05:51:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 28 05:23:55 2021
 Response via : Initial Calibration

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

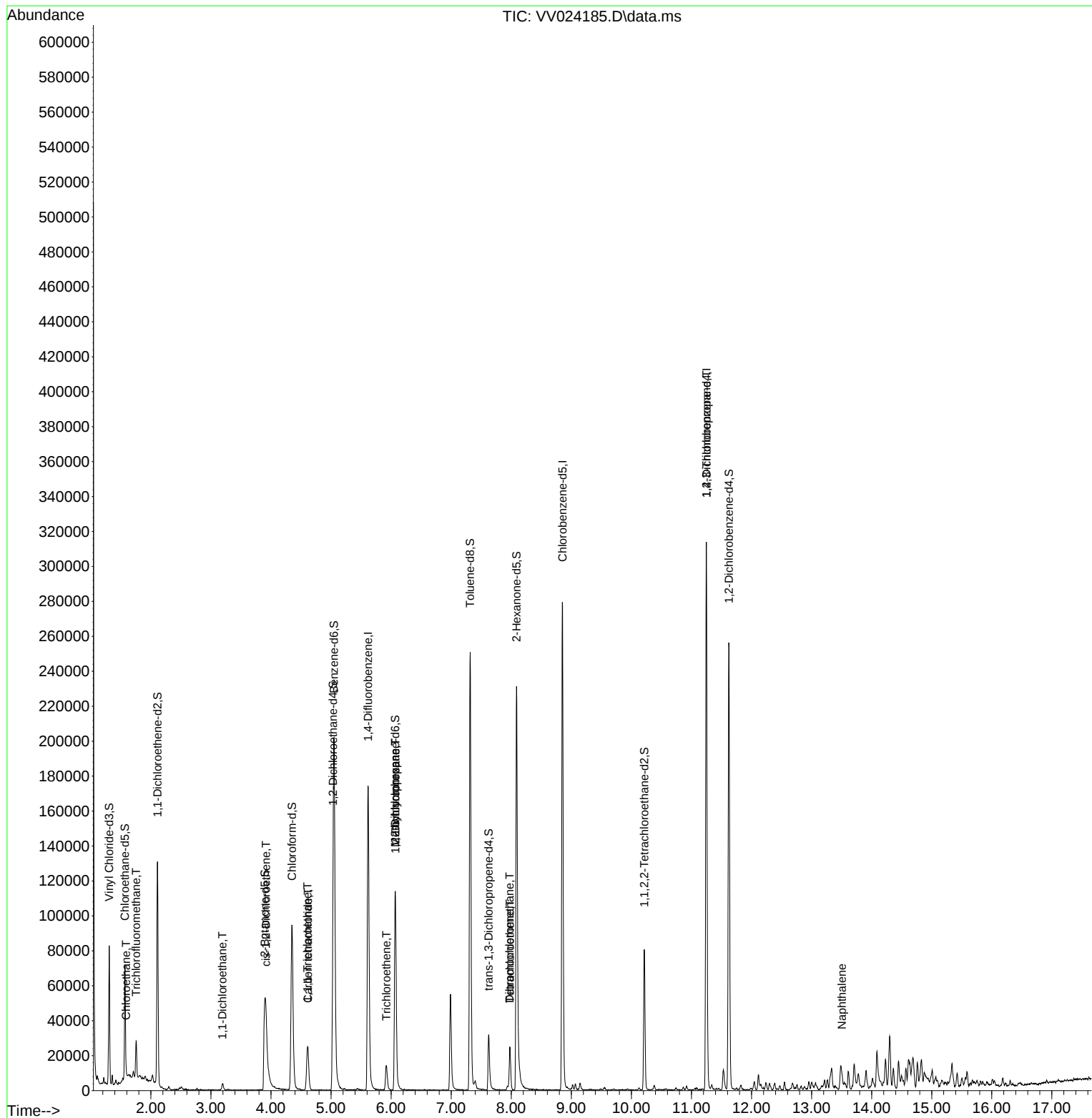
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	155591	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	157519	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	85227	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	42537	3.635	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.568	69	38231	3.917	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.400%
11) 1,1-Dichloroethene-d2	2.111	63	64392	2.264	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	45.200%#
20) 2-Butanone-d5	3.895	46	96699	74.385	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	148.780%#
24) Chloroform-d	4.349	84	97027	3.905	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.200%
26) 1,2-Dichloroethane-d4	5.034	65	47095	4.235	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
32) Benzene-d6	5.050	84	186153	4.376	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.069	67	53830	4.620	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.316	98	167688	4.000	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	7.625	79	19549	3.962	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.200%
46) 2-Hexanone-d5	8.088	63	81930	49.386	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.780%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	36962	4.646	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	69266	4.675	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
8) Chloroethane	1.587	64	2005	0.124	ug/L #	62
9) Trichlorofluoromethane	1.754	101	12656	0.280	ug/L	97
19) 1,1-Dichloroethane	3.191	63	3898	0.103	ug/L	94
22) cis-1,2-Dichloroethene	3.918	96	9641	0.429	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	20901	0.526	ug/L	99
31) Carbon tetrachloride	4.616	117	2821	0.077	ug/L	96
34) Trichloroethene	5.921	95	4836	0.207	ug/L	97
35) Methylcyclohexane	6.069	83	14386	0.426	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	6502	0.341	ug/L #	84
47) Tetrachloroethene	7.979	164	5978	0.288	ug/L	96
49) Dibromochloromethane	7.976	129	5158	0.271	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	8636	0.856	ug/L #	63
71) Naphthalene	13.506	128	6630	0.156	ug/L #	91

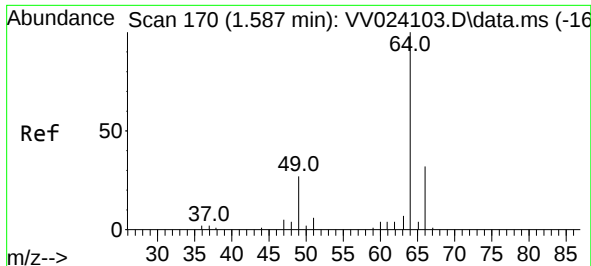
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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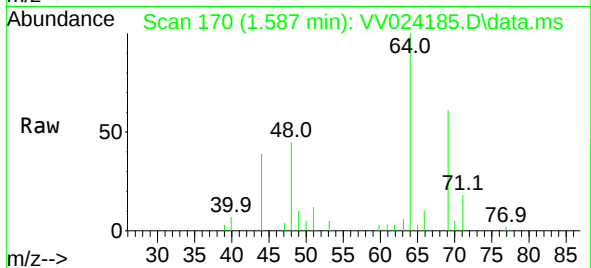
Quant Time: Dec 28 05:51:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0
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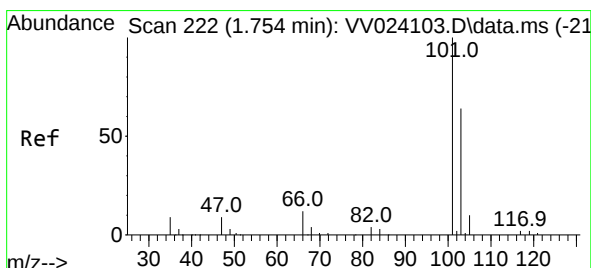
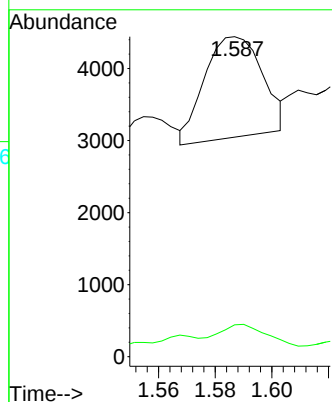
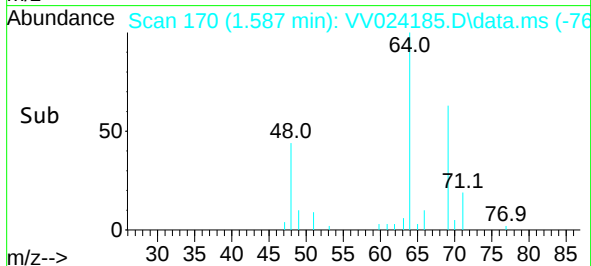


#8
Chloroethane
Concen: 0.124 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV024185.D
Acq: 27 Dec 2021 17:27

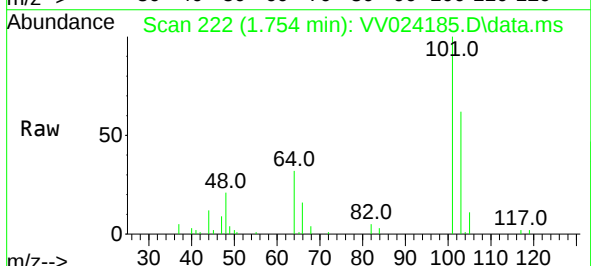
Instrument :
MSVOA_V
ClientSampleId :



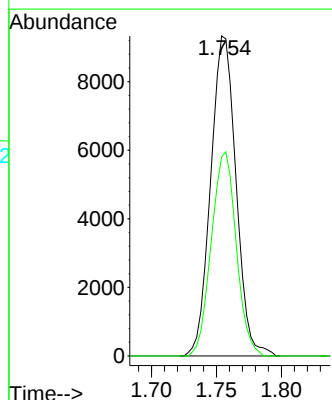
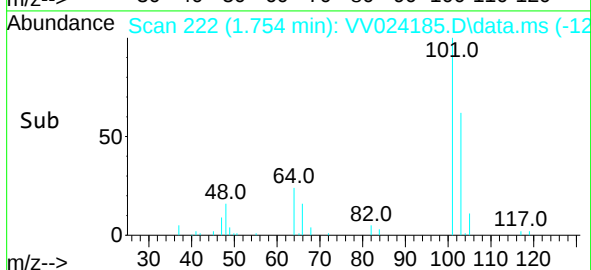
Tgt Ion: 64 Resp: 2005
Ion Ratio Lower Upper
64 100
66 10.0 21.4 39.8#

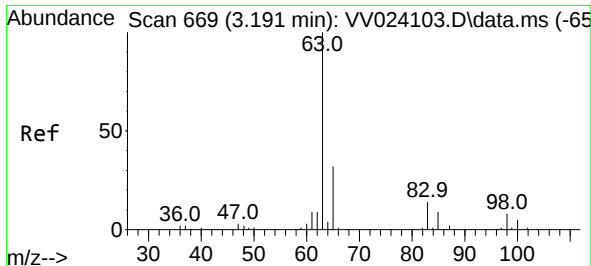


#9
Trichlorofluoromethane
Concen: 0.280 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV024185.D
Acq: 27 Dec 2021 17:27



Tgt Ion:101 Resp: 12656
Ion Ratio Lower Upper
101 100
103 62.5 51.6 77.4





#19

1,1-Dichloroethane

Concen: 0.103 ug/L

RT: 3.191 min Scan# 669

Delta R.T. -0.000 min

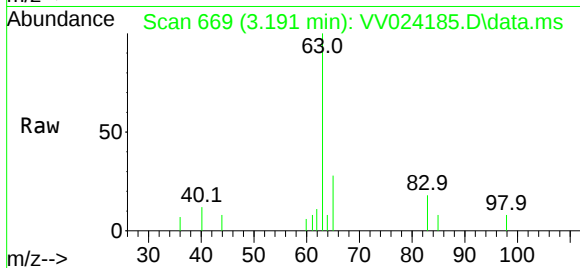
Lab File: VV024185.D

Acq: 27 Dec 2021 17:27

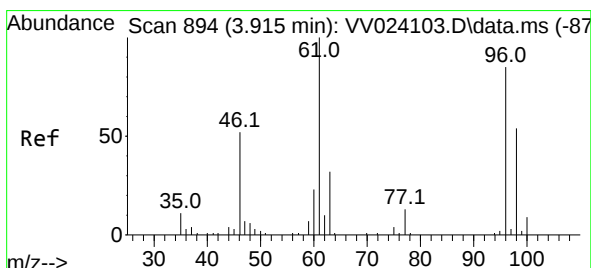
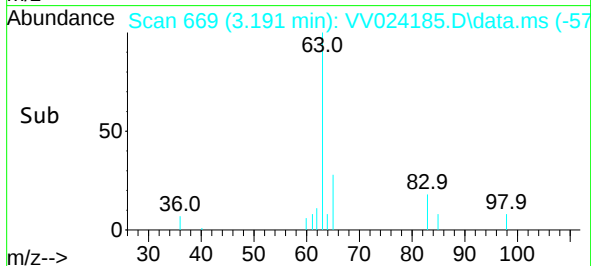
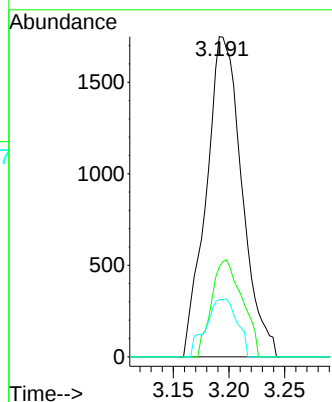
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	63	Resp:	3898
Ion	Ratio	Lower	Upper
63	100		
65	28.1	22.3	41.3
83	17.8	10.7	19.9



#22

cis-1,2-Dichloroethene

Concen: 0.429 ug/L

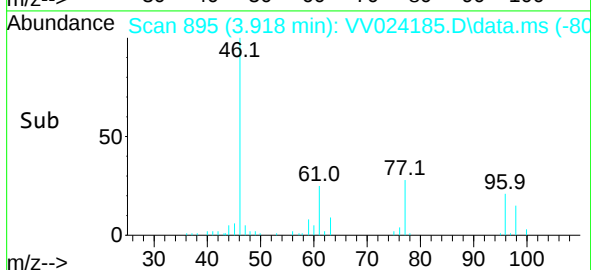
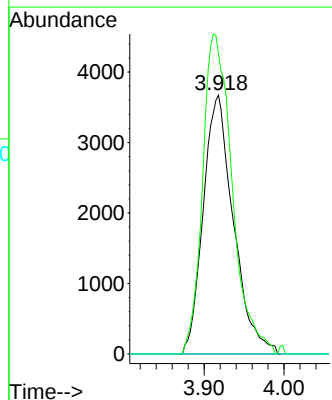
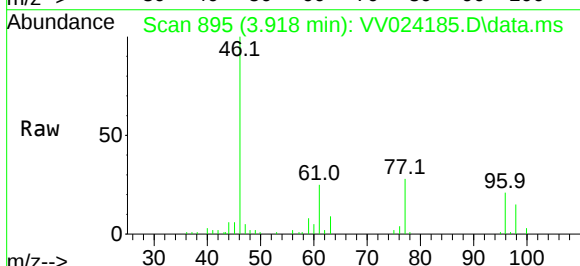
RT: 3.918 min Scan# 895

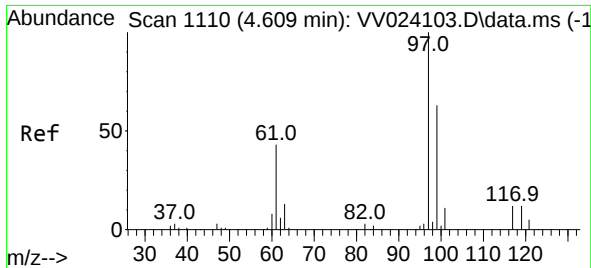
Delta R.T. 0.006 min

Lab File: VV024185.D

Acq: 27 Dec 2021 17:27

Tgt Ion:	96	Resp:	9641
Ion	Ratio	Lower	Upper
96	100		
61	116.0	83.4	154.8
68	0.0	0.0	0.0





#29

1,1,1-Trichloroethane

Concen: 0.526 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VV024185.D

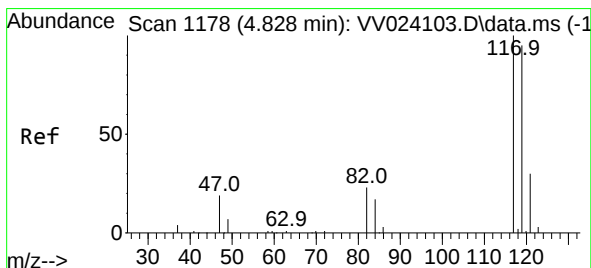
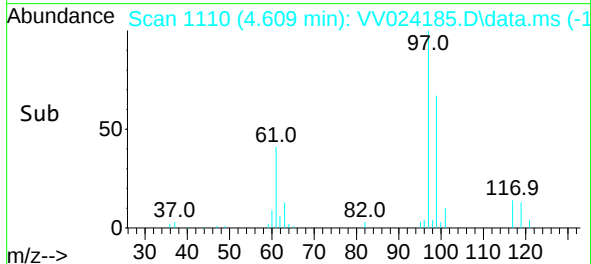
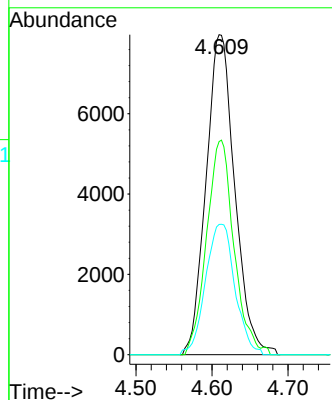
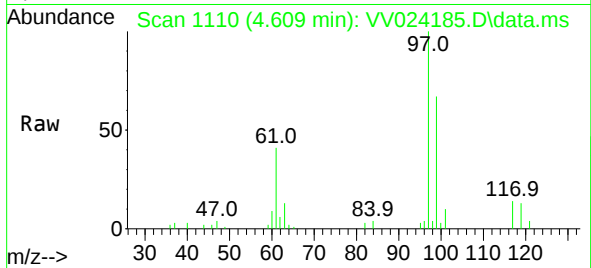
Acq: 27 Dec 2021 17:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97	Resp: 20901
Ion Ratio	Lower Upper
97 100	
99 63.5	51.9 77.9
61 41.7	33.2 49.8



#31

Carbon tetrachloride

Concen: 0.077 ug/L

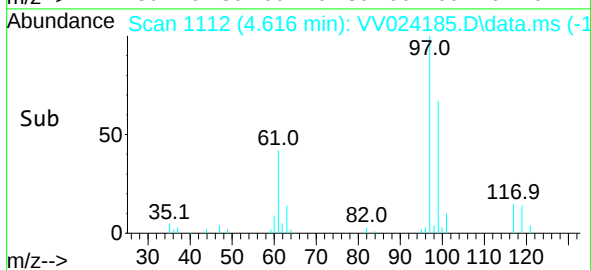
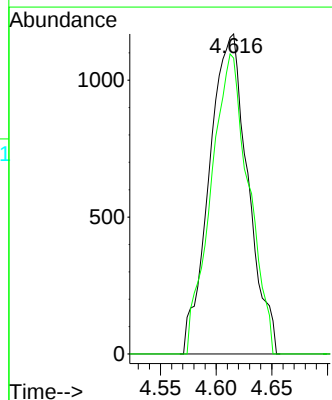
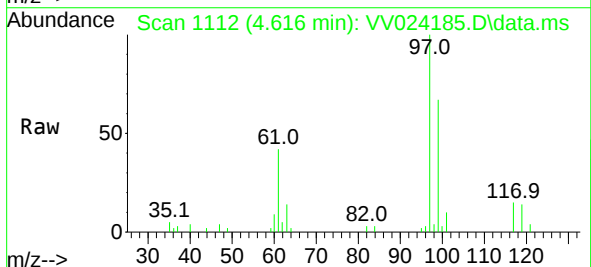
RT: 4.616 min Scan# 1112

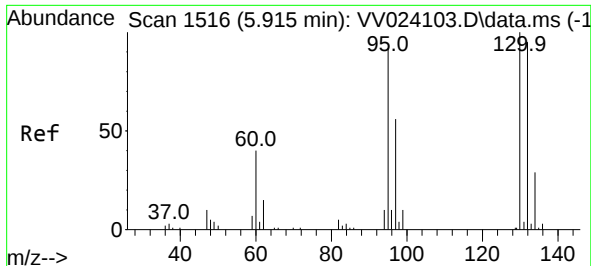
Delta R.T. -0.212 min

Lab File: VV024185.D

Acq: 27 Dec 2021 17:27

Tgt Ion: 117	Resp: 2821
Ion Ratio	Lower Upper
117 100	
119 91.5	76.6 114.8

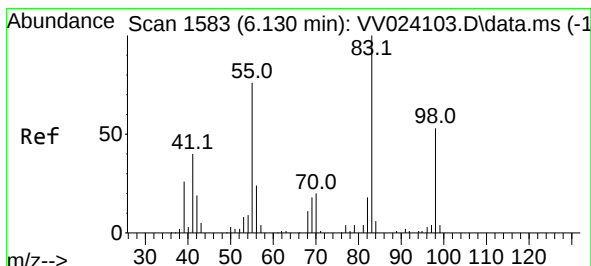
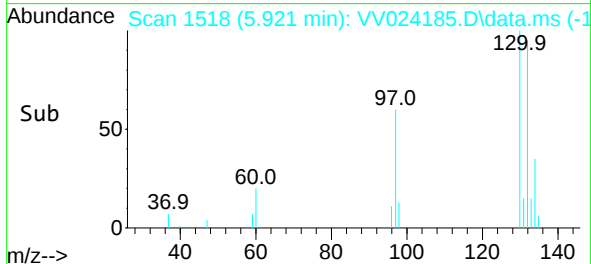
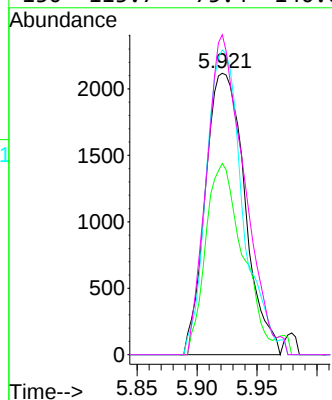
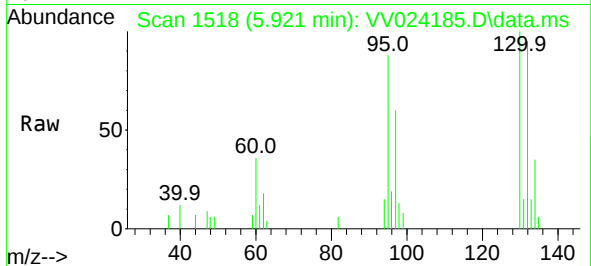




#34
Trichloroethene
Concen: 0.207 ug/L
RT: 5.921 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV024185.D
Acq: 27 Dec 2021 17:27

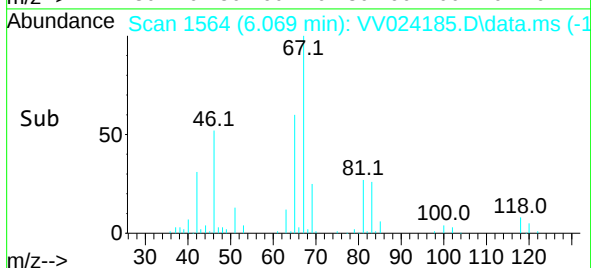
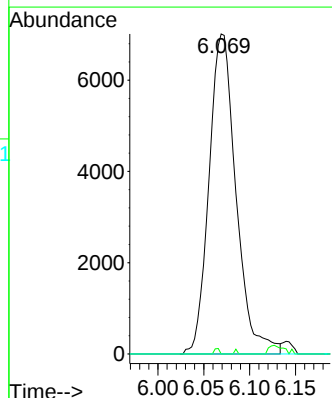
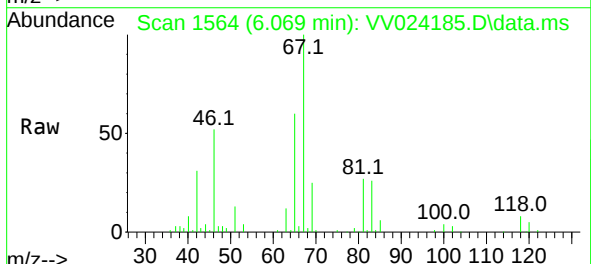
Instrument :
MSVOA_V
ClientSampleId :

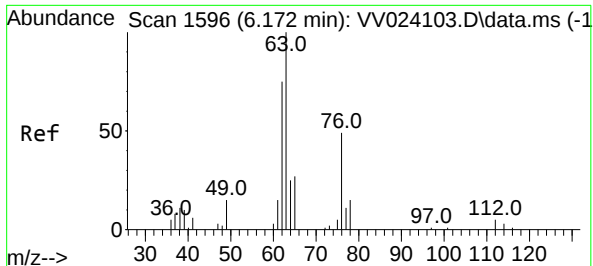
Tgt Ion: 95 Resp: 4836
Ion Ratio Lower Upper
95 100
97 67.9 45.2 84.0
132 108.3 76.1 141.3
130 113.7 75.4 140.0



#35
Methylcyclohexane
Concen: 0.426 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV024185.D
Acq: 27 Dec 2021 17:27

Tgt Ion: 83 Resp: 14386
Ion Ratio Lower Upper
83 100
55 0.3 60.2 90.2#
98 1.6 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.341 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV024185.D

Acq: 27 Dec 2021 17:27

Instrument :

MSVOA_V

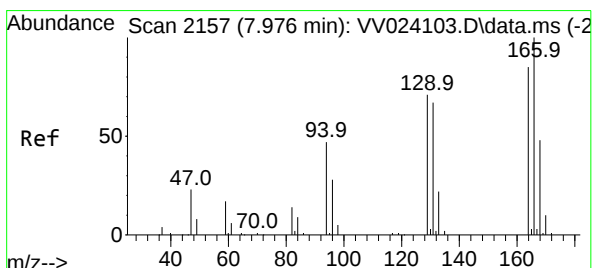
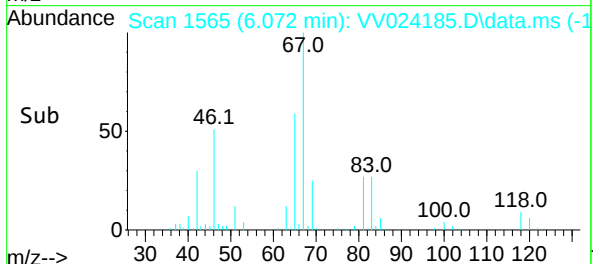
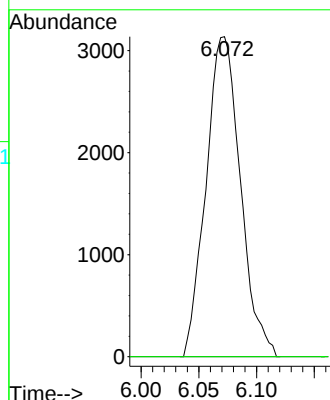
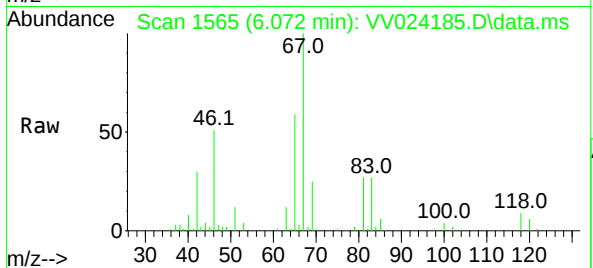
ClientSampleId :

Tgt Ion: 63 Resp: 6502

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#47

Tetrachloroethene

Concen: 0.288 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV024185.D

Acq: 27 Dec 2021 17:27

Tgt Ion:164 Resp: 5978

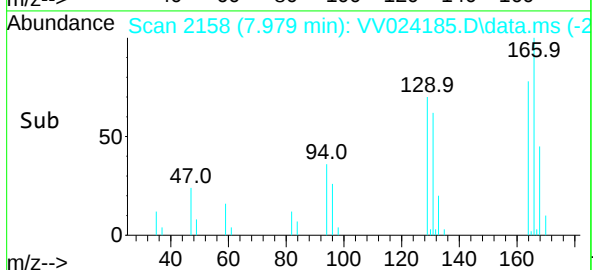
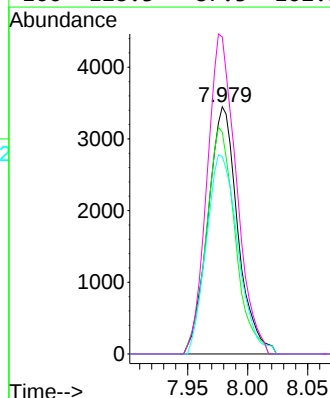
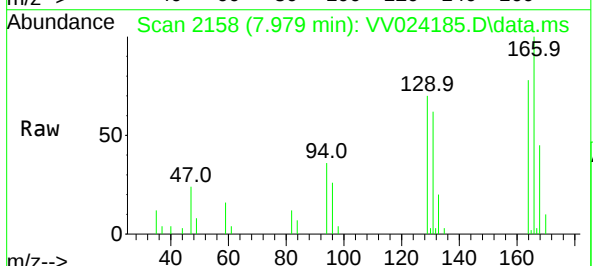
Ion Ratio Lower Upper

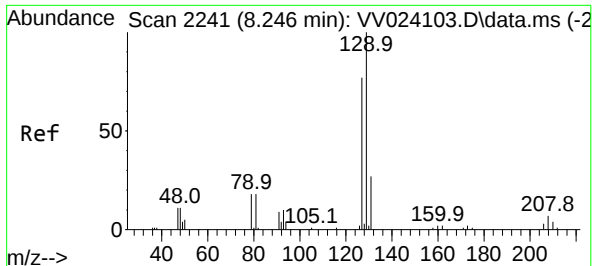
164 100

129 89.7 62.6 116.2

131 79.9 61.0 113.4

166 128.3 87.3 162.1





#49

Dibromochloromethane

Concen: 0.271 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV024185.D

Acq: 27 Dec 2021 17:27

Instrument :

MSVOA_V

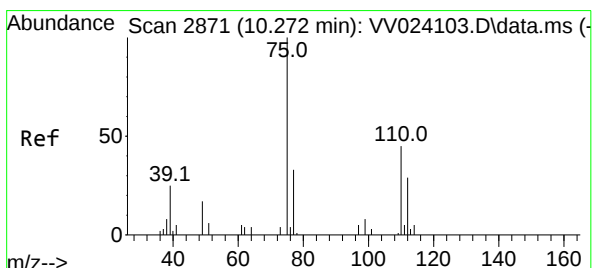
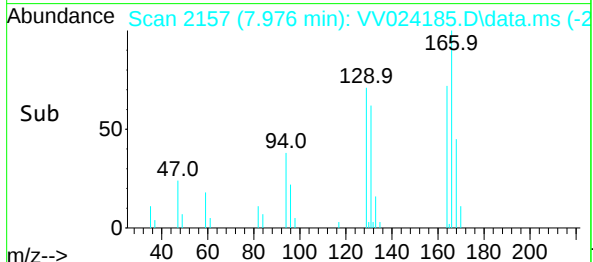
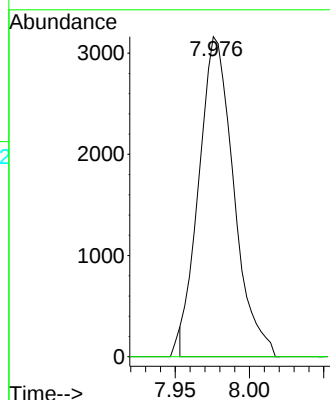
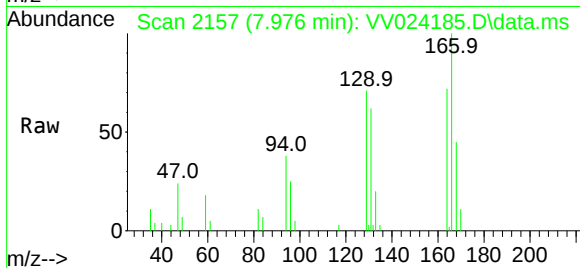
ClientSampleId :

Tgt Ion:129 Resp: 5158

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#61

1,2,3-Trichloropropane

Concen: 0.856 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV024185.D

Acq: 27 Dec 2021 17:27

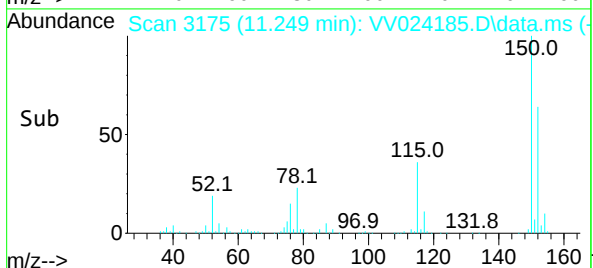
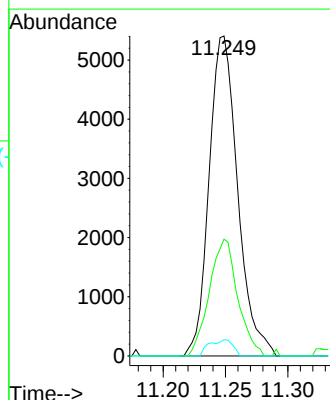
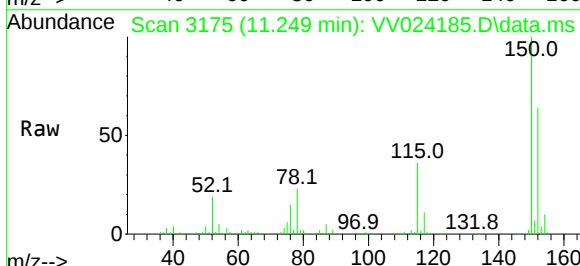
Tgt Ion: 75 Resp: 8636

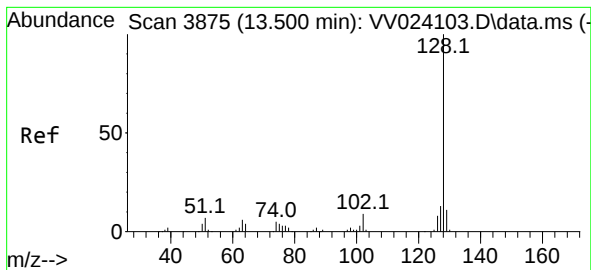
Ion Ratio Lower Upper

75 100

77 36.1 26.4 39.6

110 4.1 34.2 51.2#





#71

Naphthalene

Concen: 0.156 ug/L

RT: 13.506 min Scan# 3877

Delta R.T. 0.003 min

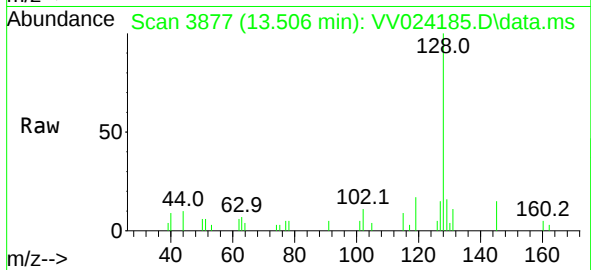
Lab File: VV024185.D

Acq: 27 Dec 2021 17:27

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	128	Resp:	6630
Ion	Ratio	Lower	Upper
128	100		
129	5.6	9.0	13.4#
127	14.4	10.2	15.4

