

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120922\
 Data File : VW029566.D
 Acq On : 10 Dec 2022 09:22
 Operator : SY/MD
 Sample : N5929-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ98

Quant Time: Dec 12 00:03:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 10 07:45:47 2022
 Response via : Initial Calibration

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

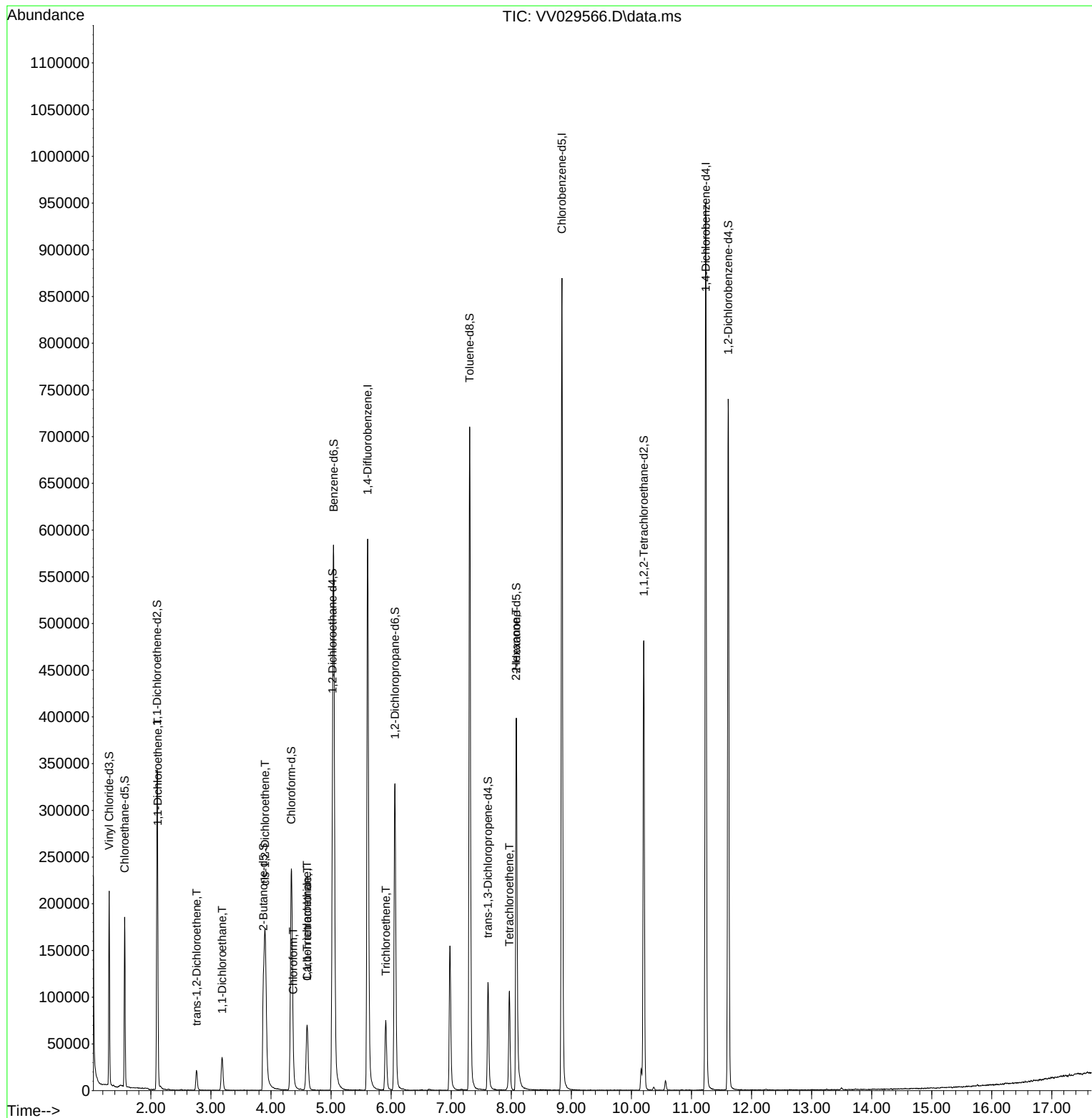
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	543212	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	504239	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	257703	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	132166	39.732	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.460%		
7) Chloroethane-d5	1.564	69	113695	44.824	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.640%		
11) 1,1-Dichloroethene-d2	2.105	63	177248	34.163	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.320%		
21) 2-Butanone-d5	3.873	46	182933	90.151	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.150%		
24) Chloroform-d	4.339	84	258231	41.253	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.500%		
26) 1,2-Dichloroethane-d4	5.024	65	155260	43.428	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.860%		
32) Benzene-d6	5.043	84	560211	42.046	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.100%		
36) 1,2-Dichloropropane-d6	6.063	67	171718	42.194	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.380%		
41) Toluene-d8	7.307	98	500627	39.878	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.760%#		
43) trans-1,3-Dichloroprop...	7.612	79	66698	32.455	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.920%		
47) 2-Hexanone-d5	8.085	63	150336	86.505	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.500%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	241659	41.553	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	83.100%		
66) 1,2-Dichlorobenzene-d4	11.612	152	202086	41.194	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.380%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.114	96	4112	1.416	ug/L #	1
17) trans-1,2-Dichloroethene	2.761	96	8731	2.610	ug/L	96
19) 1,1-Dichloroethane	3.185	63	36834	6.427	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	80578	21.903	ug/L	95
25) Chloroform	4.371	83	7138	1.201	ug/L	96
30) 1,1,1-Trichloroethane	4.600	97	58781	10.700	ug/L	98
31) Carbon tetrachloride	4.603	117	7907	1.648	ug/L	98
34) Trichloroethene	5.912	95	26995	7.579	ug/L	99
46) Tetrachloroethene	7.969	164	25556	8.925	ug/L	94
48) 2-Hexanone	8.082	43	15507	4.962	ug/L #	64

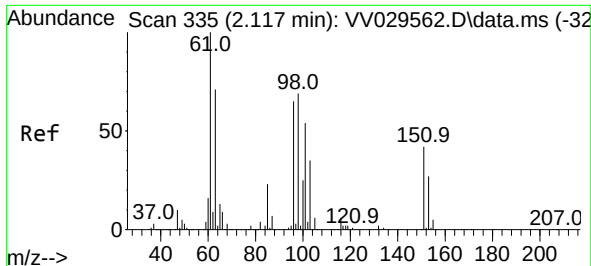
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120922\
Data File : VV029566.D
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 60 Sample Multiplier: 1

Instrument :
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Quant Time: Dec 12 00:03:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 10 07:45:47 2022
Response via : Initial Calibration

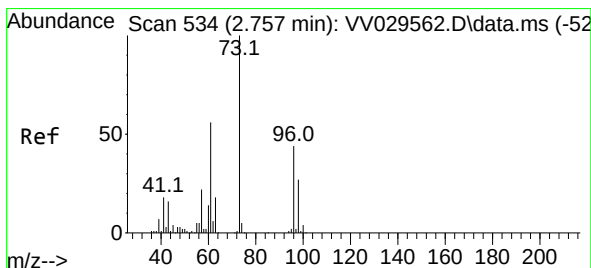
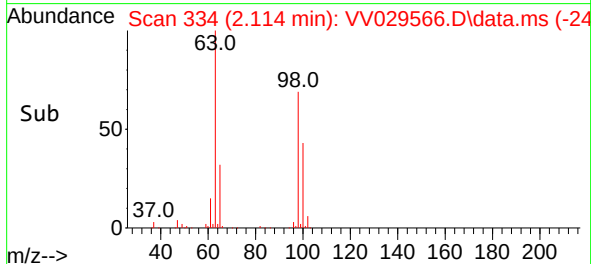
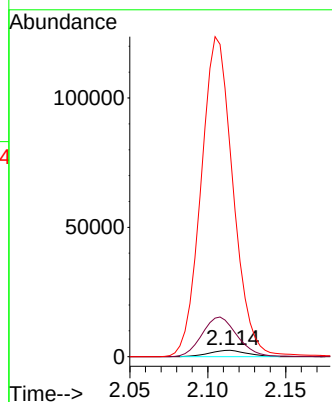
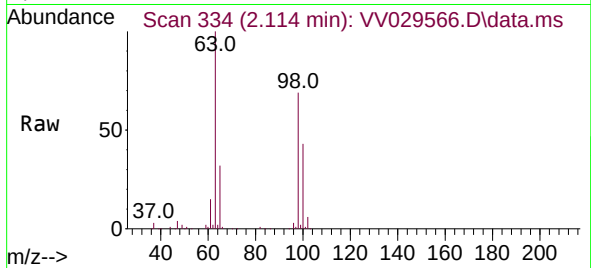




#12
1,1-Dichloroethene
Concen: 1.416 ug/L
RT: 2.114 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV029566.D
Acq: 10 Dec 2022 09:22

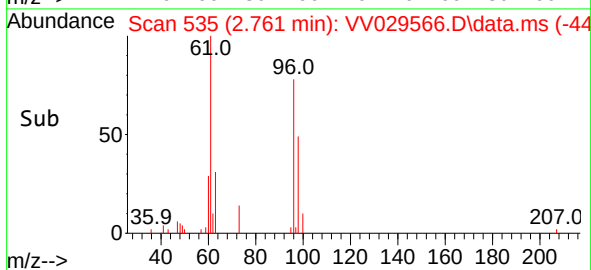
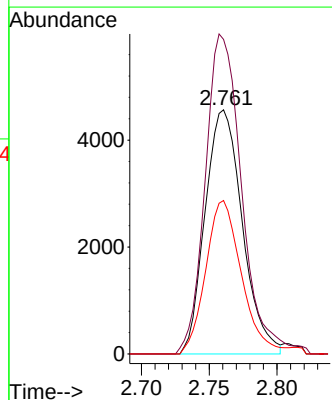
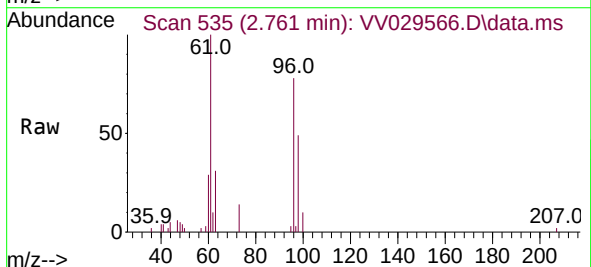
Instrument :
MSVOA_V
ClientSampleId :
EXZ98

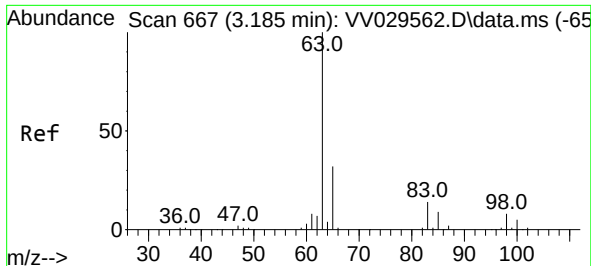
Tgt Ion: 96 Resp: 4112
Ion Ratio Lower Upper
96 100
61 482.5 103.3 191.9#
63 3254.0 77.3 143.7#



#17
trans-1,2-Dichloroethene
Concen: 2.610 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV029566.D
Acq: 10 Dec 2022 09:22

Tgt Ion: 96 Resp: 8731
Ion Ratio Lower Upper
96 100
61 128.8 86.4 160.4
98 62.8 43.4 80.6





#19

1,1-Dichloroethane

Concen: 6.427 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV029566.D

Acq: 10 Dec 2022 09:22

Instrument :

MSVOA_V

ClientSampleId :

EXZ98

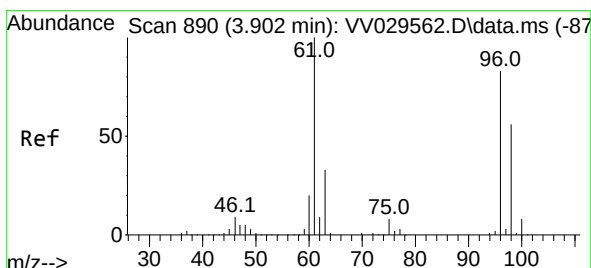
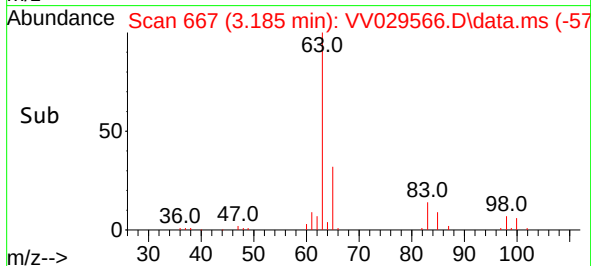
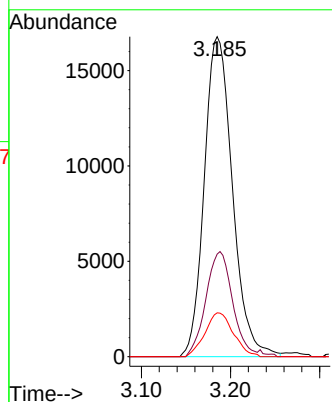
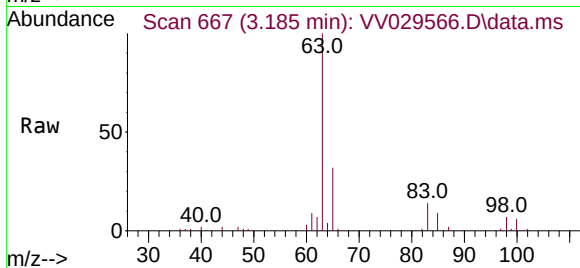
Tgt Ion: 63 Resp: 36834

Ion Ratio Lower Upper

63 100

65 32.0 22.5 41.7

83 13.7 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 21.903 ug/L

RT: 3.902 min Scan# 890

Delta R.T. 0.000 min

Lab File: VV029566.D

Acq: 10 Dec 2022 09:22

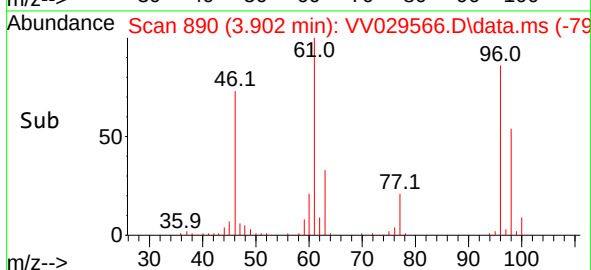
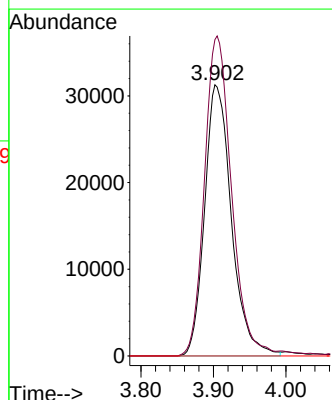
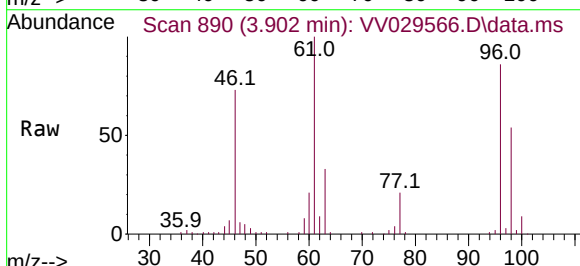
Tgt Ion: 96 Resp: 80578

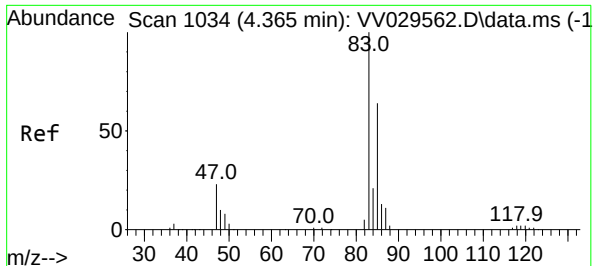
Ion Ratio Lower Upper

96 100

61 116.6 78.0 144.9

68 0.0 0.0 0.0

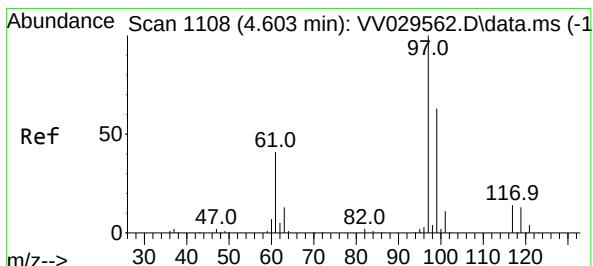
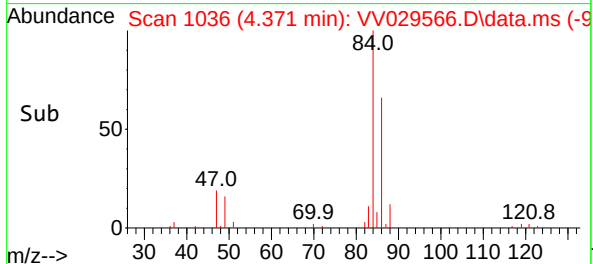
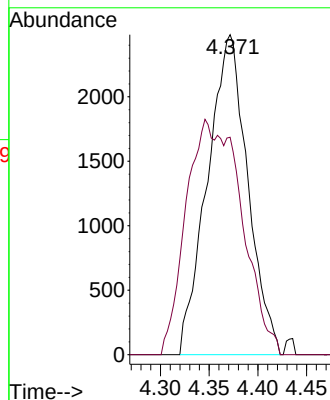
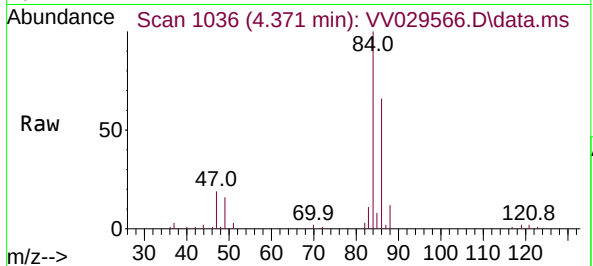




#25
Chloroform
Concen: 1.201 ug/L
RT: 4.371 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VV029566.D
Acq: 10 Dec 2022 09:22

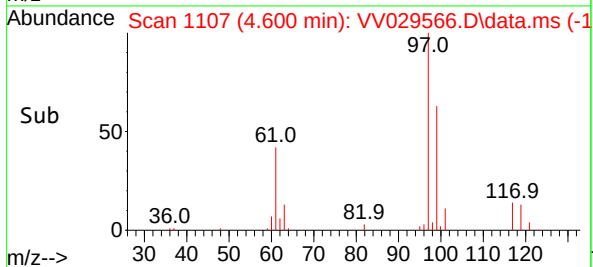
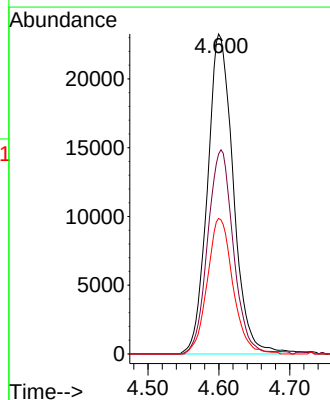
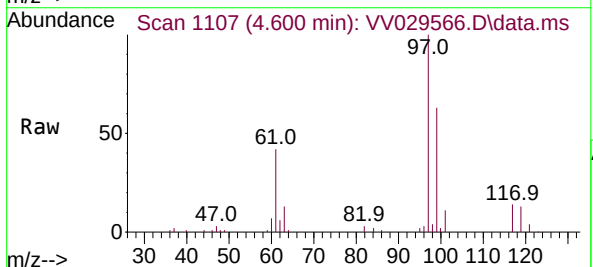
Instrument :
MSVOA_V
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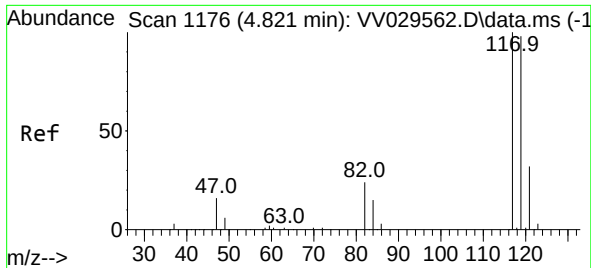
Tgt Ion: 83 Resp: 7138
Ion Ratio Lower Upper
83 100
85 68.0 45.1 83.9



#30
1,1,1-Trichloroethane
Concen: 10.700 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. -0.003 min
Lab File: VV029566.D
Acq: 10 Dec 2022 09:22

Tgt Ion: 97 Resp: 58781
Ion Ratio Lower Upper
97 100
99 63.6 52.1 78.1
61 41.6 31.8 47.8

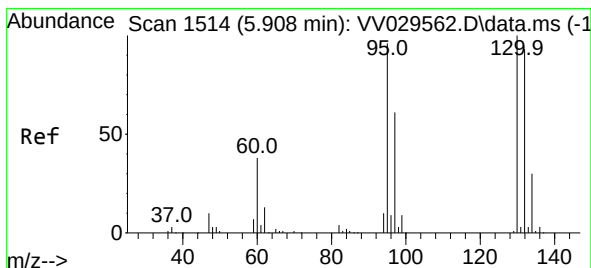
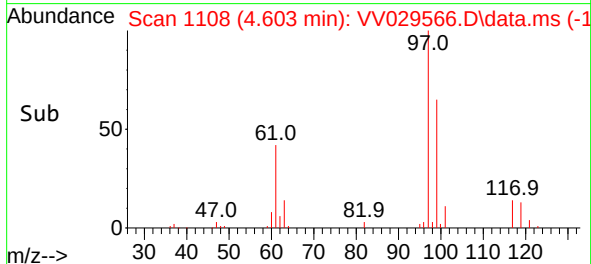
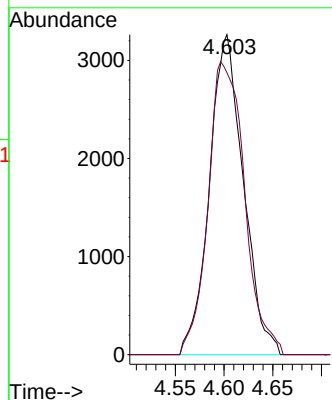
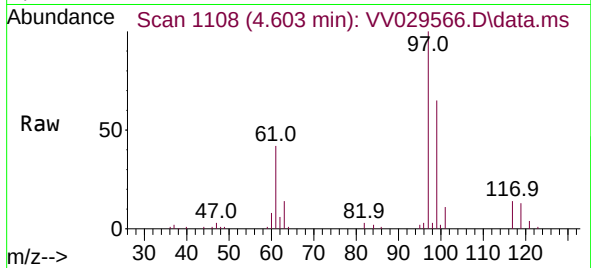




#31
Carbon tetrachloride
Concen: 1.648 ug/L
RT: 4.603 min Scan# 1176
Delta R.T. -0.219 min
Lab File: VV029566.D
Acq: 10 Dec 2022 09:22

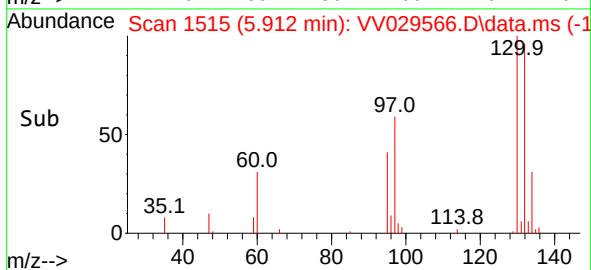
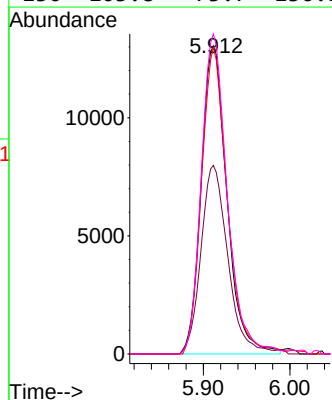
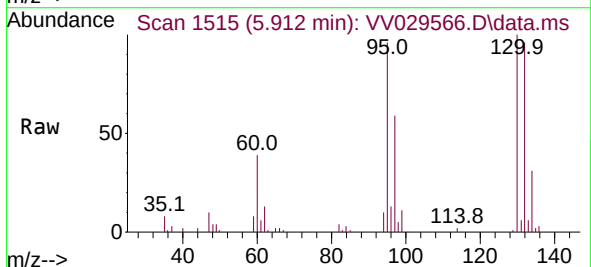
Instrument :
MSVOA_V
ClientSampleId :
EXZ98

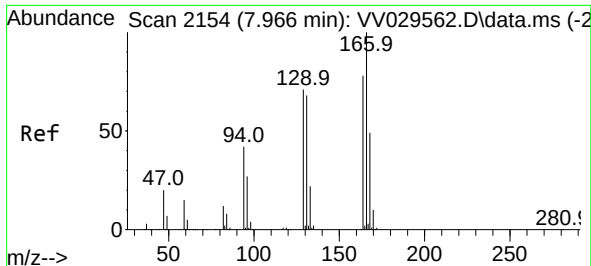
Tgt Ion:117 Resp: 7907
Ion Ratio Lower Upper
117 100
119 98.3 76.7 115.1



#34
Trichloroethene
Concen: 7.579 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV029566.D
Acq: 10 Dec 2022 09:22

Tgt Ion: 95 Resp: 26995
Ion Ratio Lower Upper
95 100
97 61.2 44.0 81.8
132 99.4 69.9 129.9
130 103.8 73.7 136.9





#46

Tetrachloroethene

Concen: 8.925 ug/L

RT: 7.969 min Scan# 2154

Delta R.T. 0.003 min

Lab File: VV029566.D

Acq: 10 Dec 2022 09:22

Instrument :

MSVOA_V

ClientSampleId :

EXZ98

Tgt Ion:164 Resp: 25556

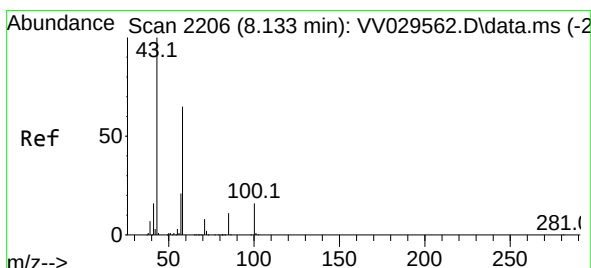
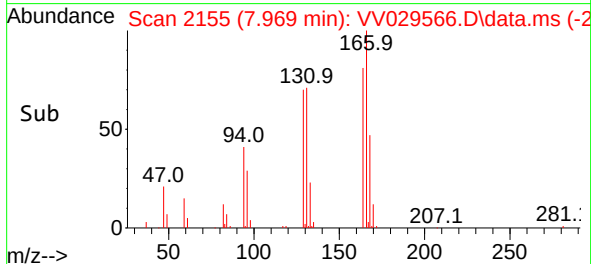
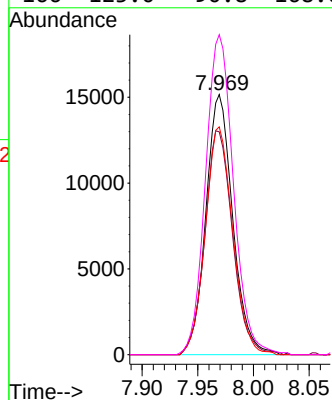
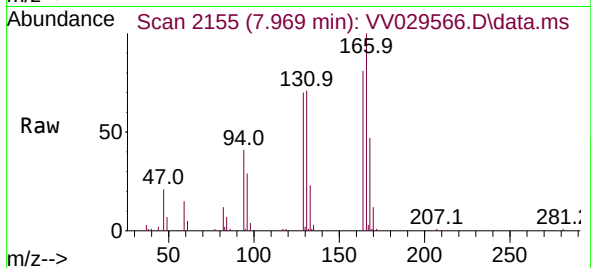
Ion Ratio Lower Upper

164 100

129 85.7 65.3 121.3

131 87.6 63.1 117.1

166 123.0 90.8 168.6



#48

2-Hexanone

Concen: 4.962 ug/L

RT: 8.082 min Scan# 2190

Delta R.T. -0.051 min

Lab File: VV029566.D

Acq: 10 Dec 2022 09:22

Tgt Ion: 43 Resp: 15507

Ion Ratio Lower Upper

43 100

58 33.2 54.1 81.1#

57 27.8 17.4 26.0#

100 0.5 13.6 20.4#

