

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120922\
 Data File : VW029570.D
 Acq On : 10 Dec 2022 10:56
 Operator : SY/MD
 Sample : N5929-13
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZB6

Quant Time: Dec 12 00:04:45 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)

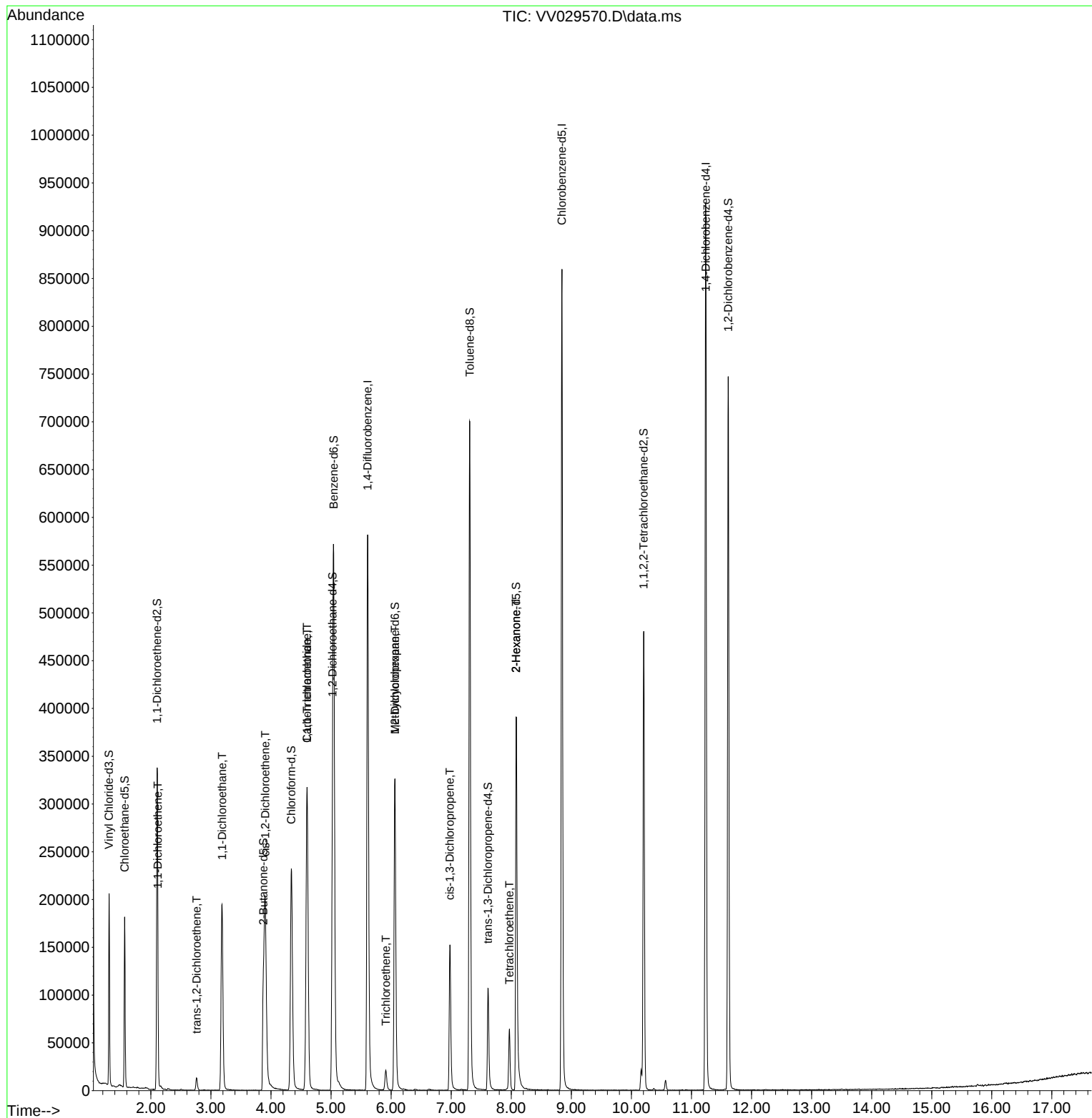
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	535903	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	496371	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	255539	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	127866	38.964	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.920%		
7) Chloroethane-d5	1.565	69	111241	44.455	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.900%		
11) 1,1-Dichloroethene-d2	2.105	63	173163	33.831	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.660%		
21) 2-Butanone-d5	3.873	46	175489	87.662	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	87.660%		
24) Chloroform-d	4.339	84	252751	40.928	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.860%		
26) 1,2-Dichloroethane-d4	5.024	65	153048	43.393	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.780%		
32) Benzene-d6	5.044	84	542458	41.359	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.720%		
36) 1,2-Dichloropropane-d6	6.063	67	169068	42.201	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.400%		
41) Toluene-d8	7.310	98	488600	39.537	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.080%#		
43) trans-1,3-Dichloroprop...	7.613	79	65691	32.472	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.940%		
47) 2-Hexanone-d5	8.082	63	147727	86.351	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.350%		
56) 1,1,2,2-Tetrachloroeth...	10.204	84	236383	41.290	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	82.580%		
66) 1,2-Dichlorobenzene-d4	11.612	152	199927	41.099	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.200%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.118	96	5108	1.783	ug/L #	1
17) trans-1,2-Dichloroethene	2.761	96	4502	1.364	ug/L	87
19) 1,1-Dichloroethane	3.185	63	206624	36.542	ug/L	98
20) cis-1,2-Dichloroethene	3.905	96	101508	27.968	ug/L	92
30) 1,1,1-Trichloroethane	4.600	97	267572	49.478	ug/L	98
31) Carbon tetrachloride	4.600	117	36639	7.758	ug/L	97
34) Trichloroethene	5.912	95	6802	1.940	ug/L	93
35) Methylcyclohexane	6.063	83	41074	6.898	ug/L #	21
39) cis-1,3-Dichloropropene	6.979	75	3629	0.653	ug/L #	54
46) Tetrachloroethene	7.969	164	15262	5.414	ug/L	95
48) 2-Hexanone	8.082	43	14545	4.728	ug/L #	67

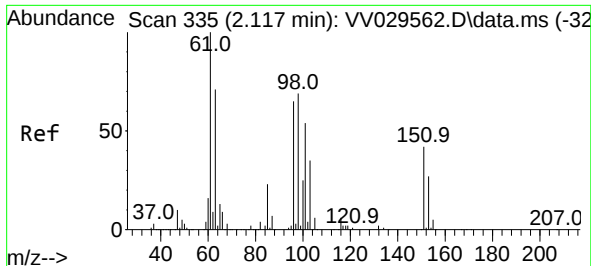
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120922\
Data File : VV029570.D
Acq On : 10 Dec 2022 10:56
Operator : SY/MD
Sample : N5929-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 64 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXZB6

Quant Time: Dec 12 00:04:45 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: 1.783 ug/L

RT: 2.118 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV029570.D

Acq: 10 Dec 2022 10:56

Instrument :

MSVOA_V

ClientSampleId :

EXZB6

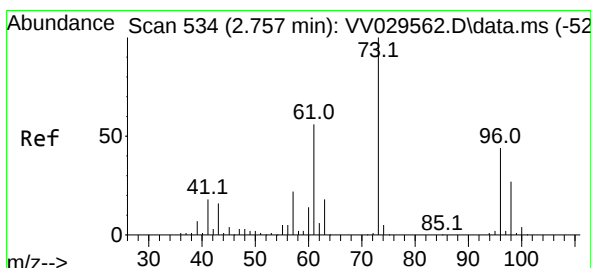
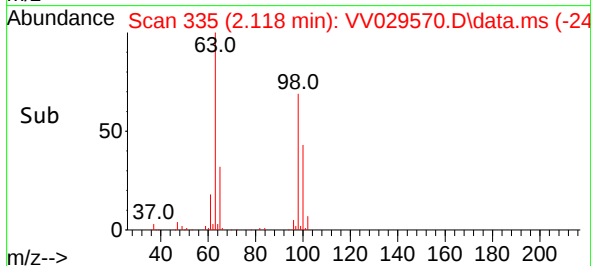
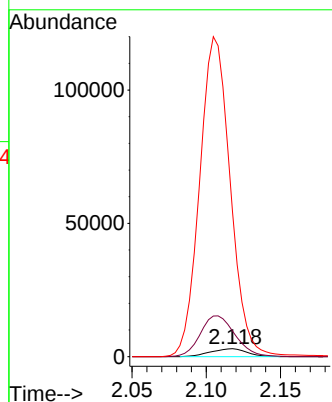
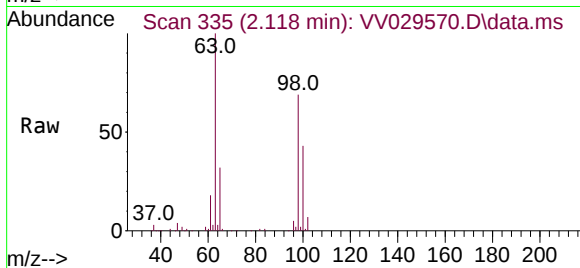
Tgt Ion: 96 Resp: 5108

Ion Ratio Lower Upper

96 100

61 323.1 103.3 191.9#

63 1825.0 77.3 143.7#



#17

trans-1,2-Dichloroethene

Concen: 1.364 ug/L

RT: 2.761 min Scan# 535

Delta R.T. 0.003 min

Lab File: VV029570.D

Acq: 10 Dec 2022 10:56

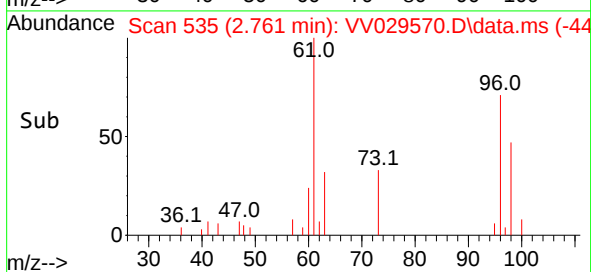
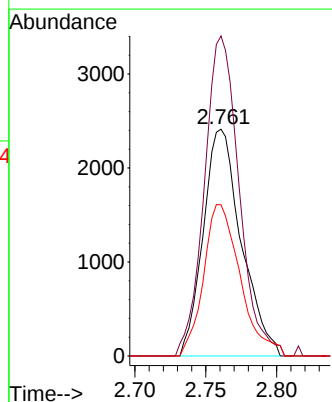
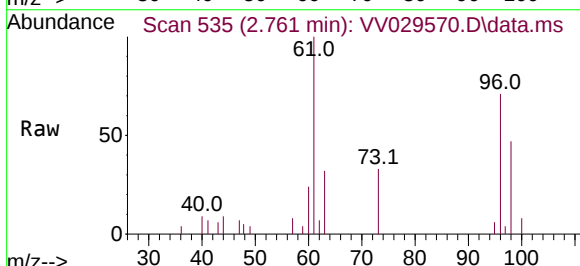
Tgt Ion: 96 Resp: 4502

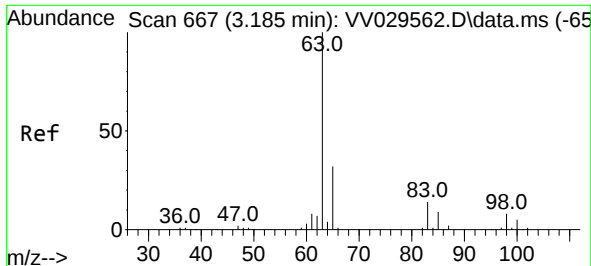
Ion Ratio Lower Upper

96 100

61 141.2 86.4 160.4

98 66.7 43.4 80.6

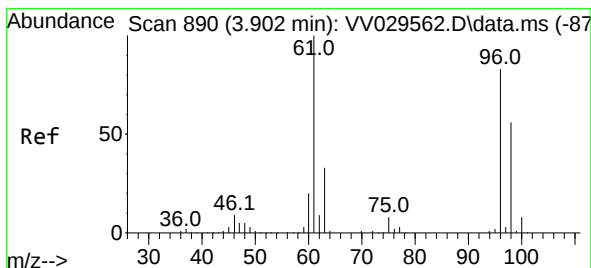
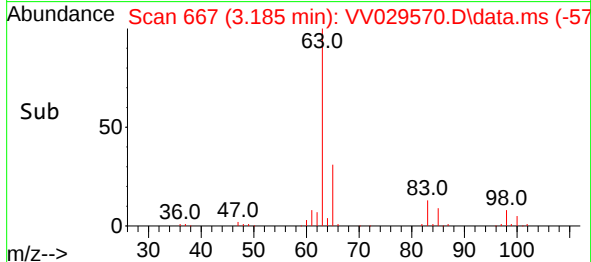
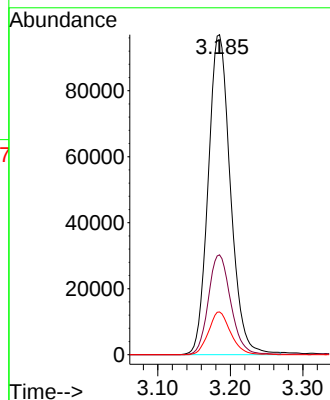
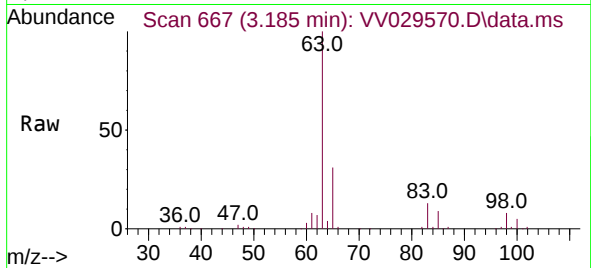




#19
1,1-Dichloroethane
Concen: 36.542 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.000 min
Lab File: VV029570.D
Acq: 10 Dec 2022 10:56

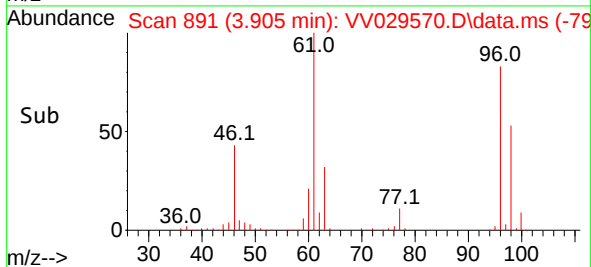
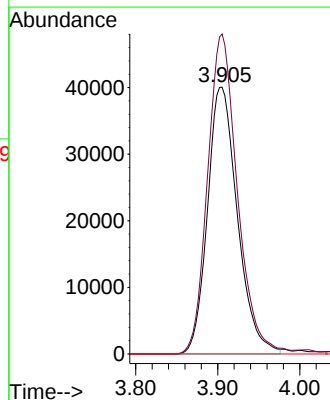
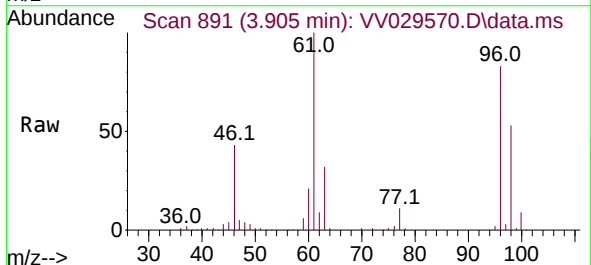
Instrument :
MSVOA_V
ClientSampleId :
EXZB6

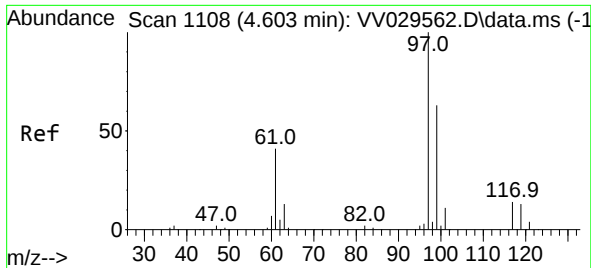
Tgt Ion: 63 Resp: 206624
Ion Ratio Lower Upper
63 100
65 31.2 22.5 41.7
83 13.4 10.4 19.2



#20
cis-1,2-Dichloroethene
Concen: 27.968 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.003 min
Lab File: VV029570.D
Acq: 10 Dec 2022 10:56

Tgt Ion: 96 Resp: 101508
Ion Ratio Lower Upper
96 100
61 120.0 78.0 144.9
68 0.0 0.0 0.0

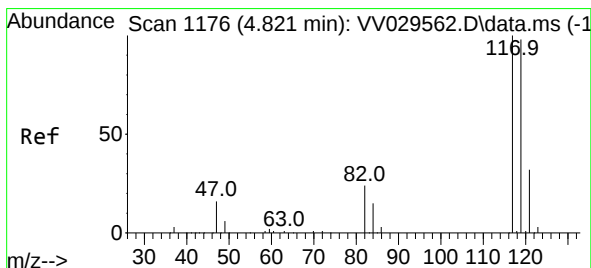
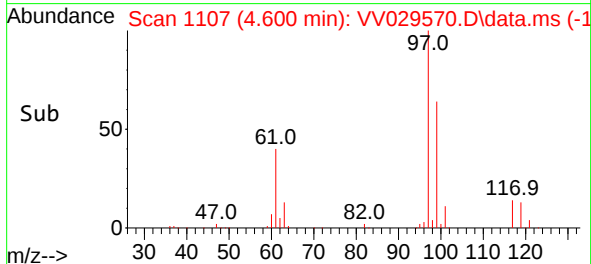
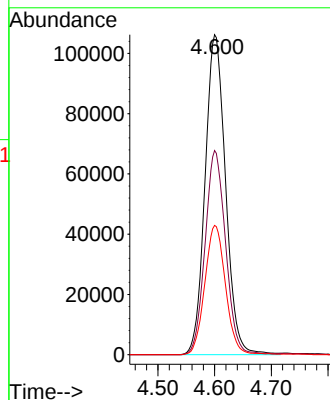
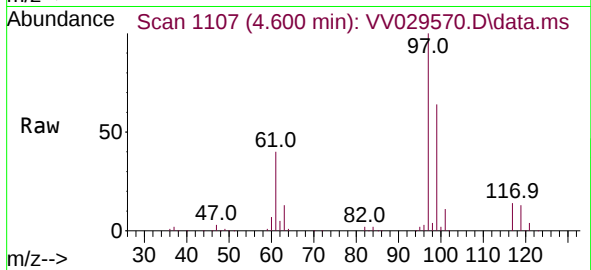




#30
1,1,1-Trichloroethane
Concen: 49.478 ug/L
RT: 4.600 min Scan# 1108
Delta R.T. -0.003 min
Lab File: VV029570.D
Acq: 10 Dec 2022 10:56

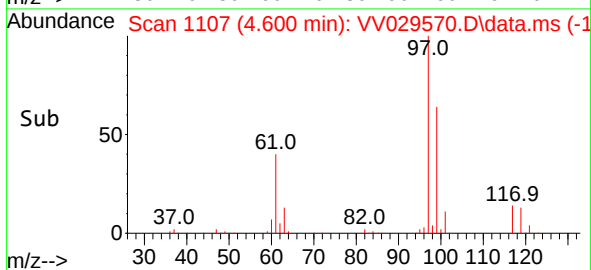
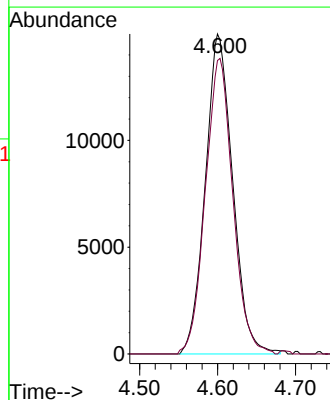
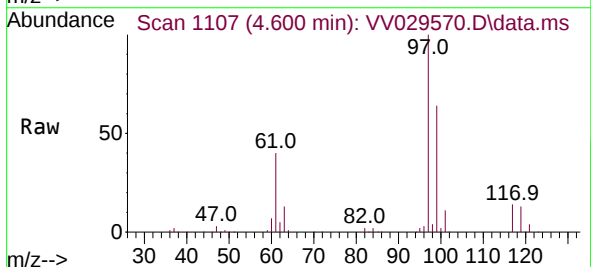
Instrument :
MSVOA_V
ClientSampleId :
EXZB6

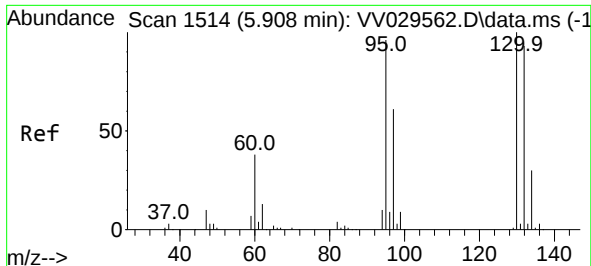
Tgt Ion: 97 Resp: 267572
Ion Ratio Lower Upper
97 100
99 63.6 52.1 78.1
61 40.7 31.8 47.8



#31
Carbon tetrachloride
Concen: 7.758 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. -0.222 min
Lab File: VV029570.D
Acq: 10 Dec 2022 10:56

Tgt Ion: 117 Resp: 36639
Ion Ratio Lower Upper
117 100
119 92.7 76.7 115.1



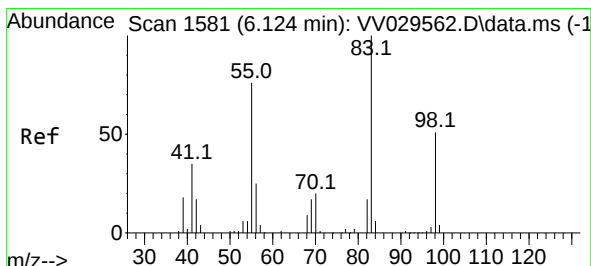
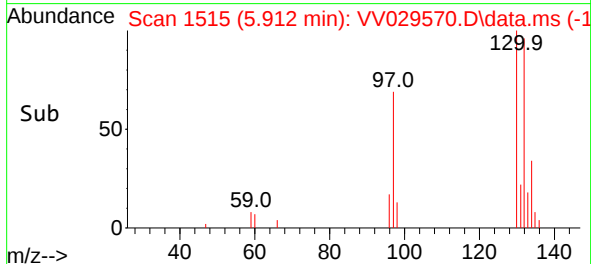
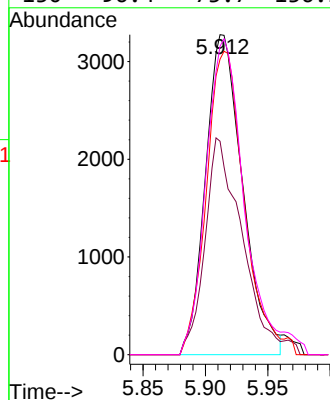
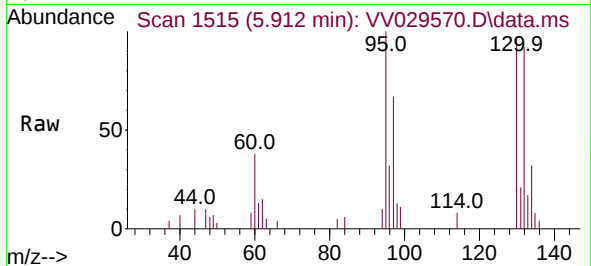


#34
Trichloroethene
Concen: 1.940 ug/L
RT: 5.912 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV029570.D
Acq: 10 Dec 2022 10:56

Instrument :
MSVOA_V
ClientSampleId :
EXZB6

Tgt Ion: 95 Resp: 6802

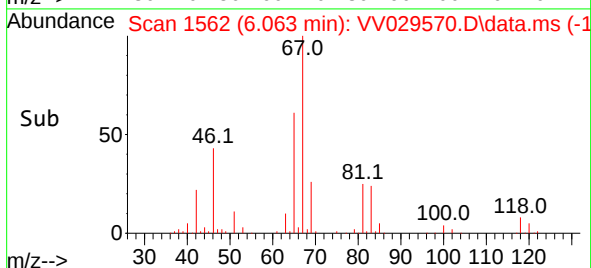
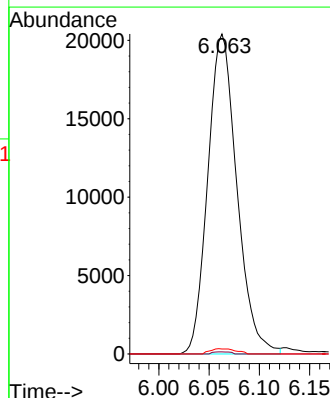
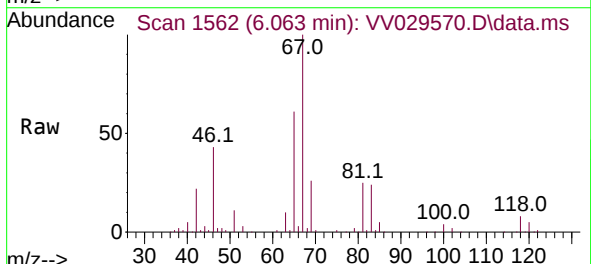
Ion	Ratio	Lower	Upper
95	100		
97	66.7	44.0	81.8
132	92.4	69.9	129.9
130	96.4	73.7	136.9

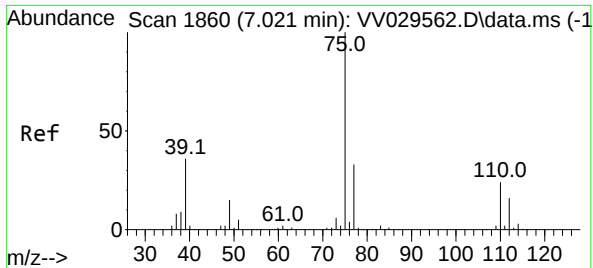


#35
Methylcyclohexane
Concen: 6.898 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.061 min
Lab File: VV029570.D
Acq: 10 Dec 2022 10:56

Tgt Ion: 83 Resp: 41074

Ion	Ratio	Lower	Upper
83	100		
55	0.4	55.5	83.3#
98	0.9	39.8	59.8#





#39

cis-1,3-Dichloropropene

Concen: 0.653 ug/L

RT: 6.979 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV029570.D

Acq: 10 Dec 2022 10:56

Instrument :

MSVOA_V

ClientSampleId :

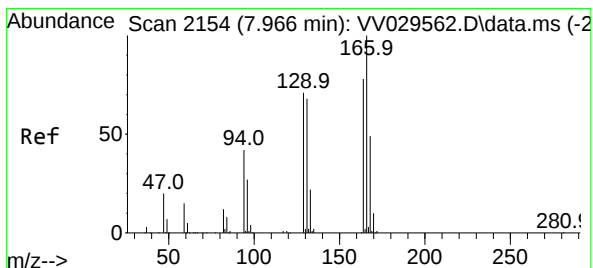
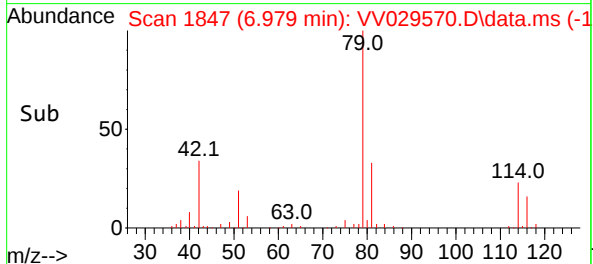
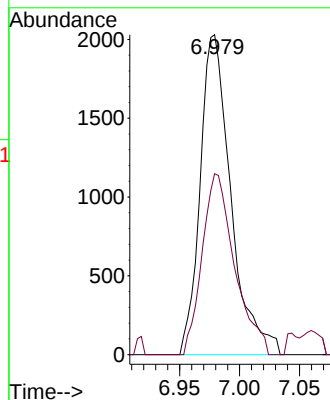
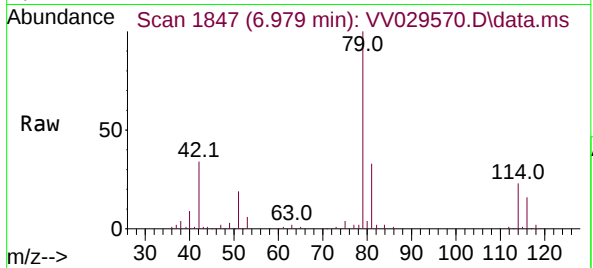
EXZB6

Tgt Ion: 75 Resp: 3629

Ion Ratio Lower Upper

75 100

77 56.6 21.9 40.7#



#46

Tetrachloroethene

Concen: 5.414 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.003 min

Lab File: VV029570.D

Acq: 10 Dec 2022 10:56

Tgt Ion: 164 Resp: 15262

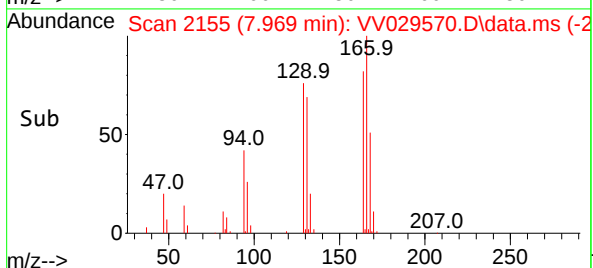
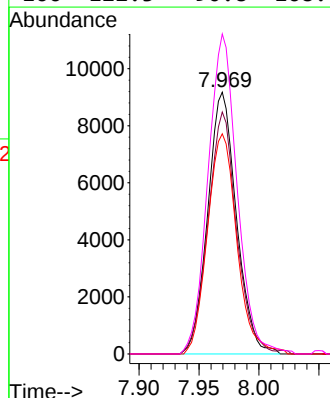
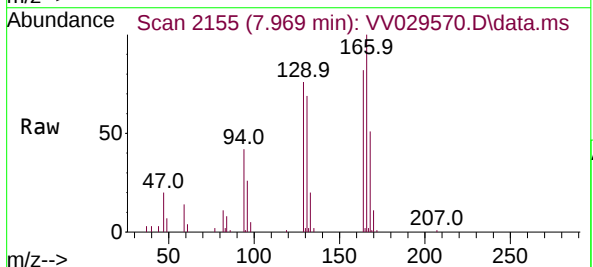
Ion Ratio Lower Upper

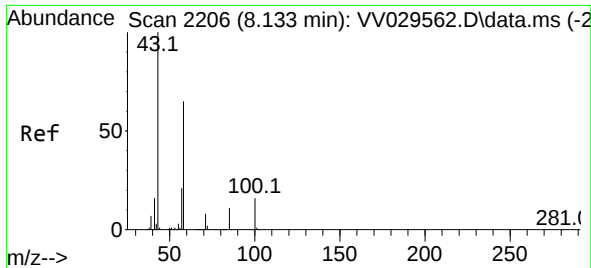
164 100

129 92.4 65.3 121.3

131 84.1 63.1 117.1

166 122.3 90.8 168.6





#48
 2-Hexanone
 Concen: 4.728 ug/L
 RT: 8.082 min Scan# 21
 Delta R.T. -0.051 min
 Lab File: VV029570.D
 Acq: 10 Dec 2022 10:56

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZB6

Tgt Ion: 43	Resp: 14545
Ion Ratio	Lower Upper
43	100
58	38.2 54.1 81.1#
57	30.7 17.4 26.0#
100	0.2 13.6 20.4#

