

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121322\
 Data File : VW029650.D
 Acq On : 13 Dec 2022 14:50
 Operator : SY/MD
 Sample : N5928-22
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ91

Quant Time: Dec 13 22:52:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 13 22:49:59 2022
 Response via : Initial Calibration

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

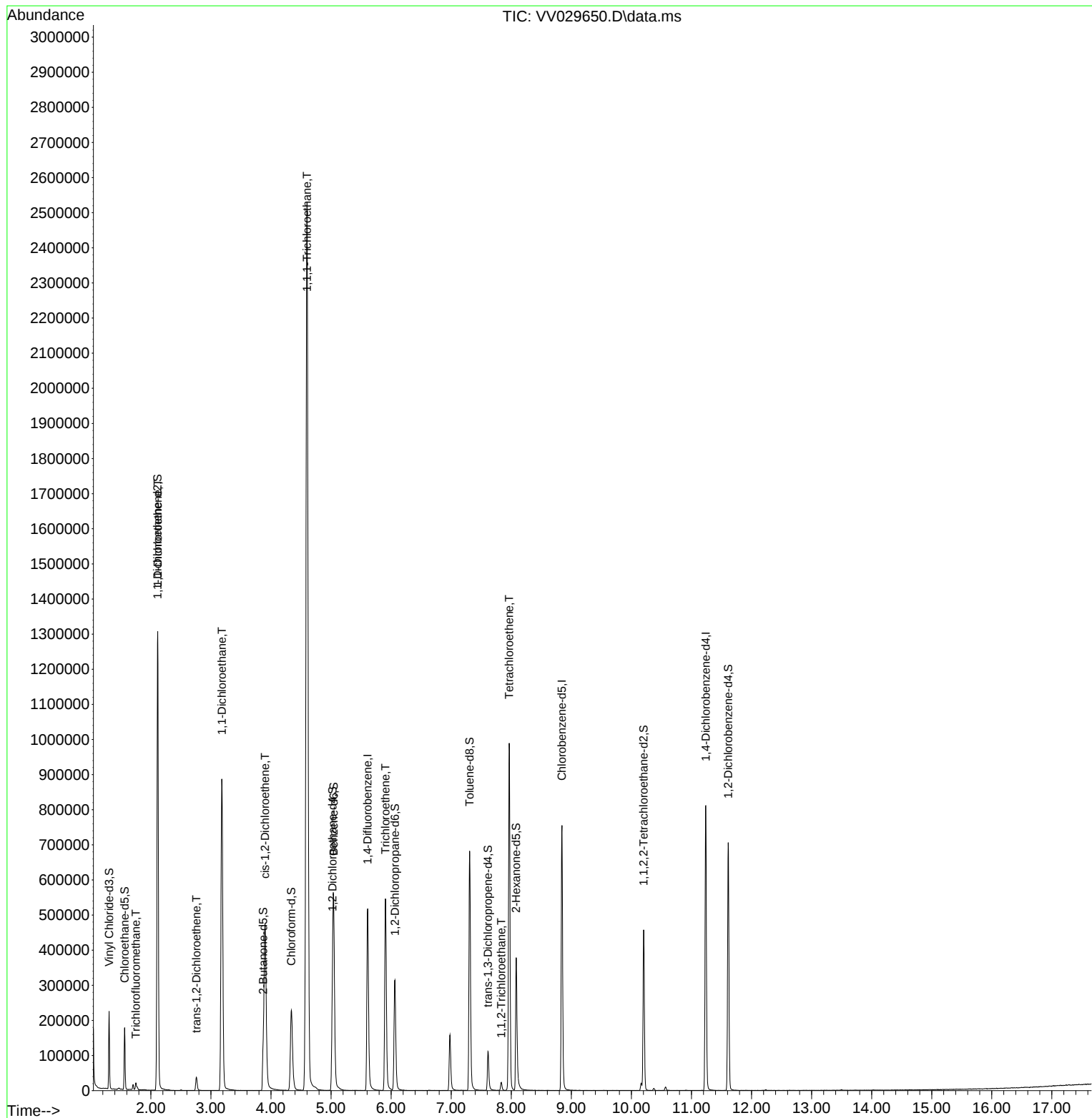
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	472863	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	437799	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	223293	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	135612	46.834	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	93.660%	
7) Chloroethane-d5	1.564	69	112442	50.925	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	101.860%	
11) 1,1-Dichloroethene-d2	2.111	63	355887	78.799	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	157.600%#	
21) 2-Butanone-d5	3.870	46	171458	97.066	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	97.070%	
24) Chloroform-d	4.339	84	248370	45.581	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	91.160%	
26) 1,2-Dichloroethane-d4	5.024	65	147015	47.240	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.480%	
32) Benzene-d6	5.043	84	539807	46.663	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.320%	
36) 1,2-Dichloropropane-d6	6.063	67	166291	47.061	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	94.120%	
41) Toluene-d8	7.307	98	483397	44.349	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	88.700%	
43) trans-1,3-Dichloroprop...	7.612	79	68609	38.452	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	76.900%	
47) 2-Hexanone-d5	8.082	63	141524	93.793	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	93.790%	
56) 1,1,2,2-Tetrachloroeth...	10.204	84	228038	45.161	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	90.320%	
66) 1,2-Dichlorobenzene-d4	11.612	152	191481	45.048	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	90.100%	
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.751	101	11362	2.554	ug/L	97
12) 1,1-Dichloroethene	2.114	96	353712	139.942	ug/L	84
17) trans-1,2-Dichloroethene	2.757	96	15778	5.418	ug/L	96
19) 1,1-Dichloroethane	3.182	63	916868	183.769	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	267466	83.519	ug/L	93
30) 1,1,1-Trichloroethane	4.600	97	2110052	442.377	ug/L	99
34) Trichloroethene	5.905	95	197543	63.882	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	7938	2.580	ug/L	99
46) Tetrachloroethene	7.966	164	231526	93.125	ug/L	98

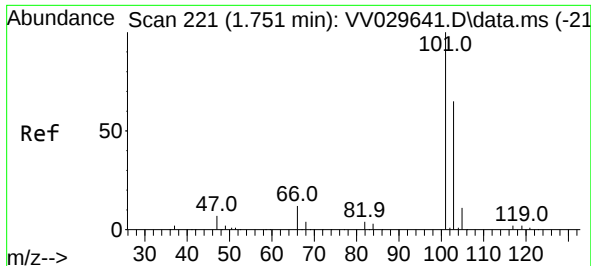
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121322\
Data File : VV029650.D
Acq On : 13 Dec 2022 14:50
Operator : SY/MD
Sample : N5928-22
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXZ91

Quant Time: Dec 13 22:52:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 13 22:49:59 2022
Response via : Initial Calibration

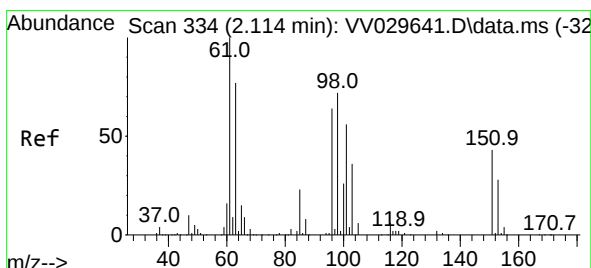
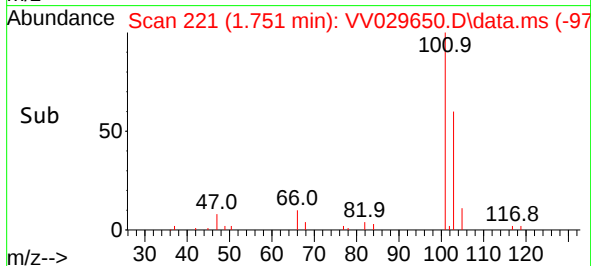
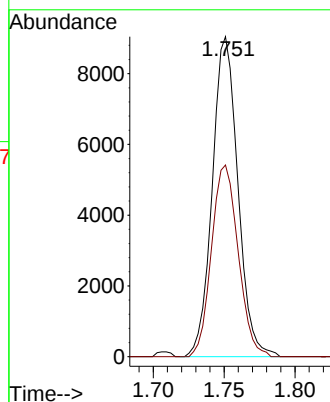
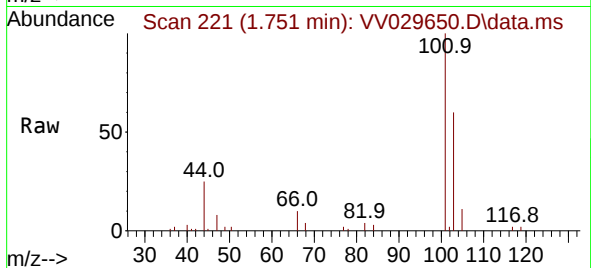




#9
 Trichlorofluoromethane
 Concen: 2.554 ug/L
 RT: 1.751 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV029650.D
 Acq: 13 Dec 2022 14:50

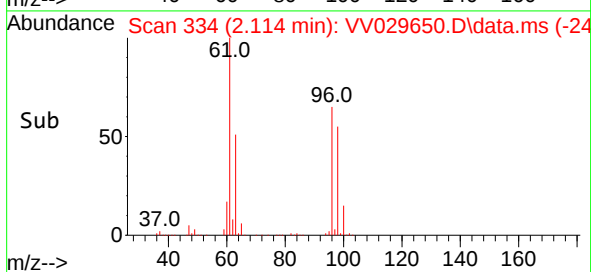
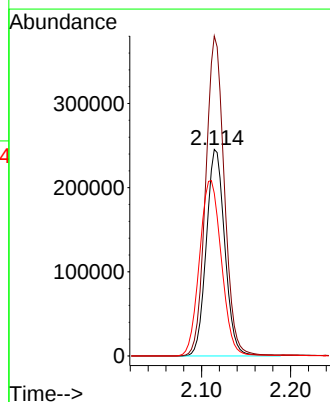
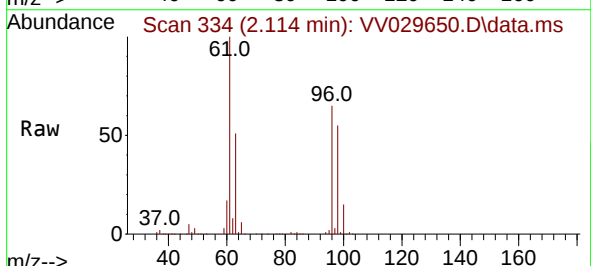
Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ91

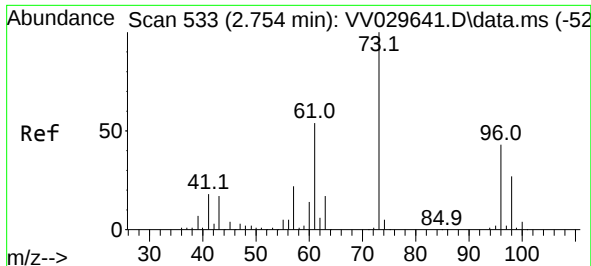
Tgt Ion:101 Resp: 11362
 Ion Ratio Lower Upper
 101 100
 103 62.4 51.8 77.8



#12
 1,1-Dichloroethene
 Concen: 139.942 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV029650.D
 Acq: 13 Dec 2022 14:50

Tgt Ion: 96 Resp: 353712
 Ion Ratio Lower Upper
 96 100
 61 154.9 103.3 191.9
 63 78.8 77.3 143.7

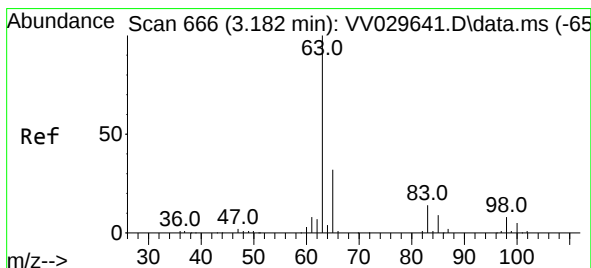
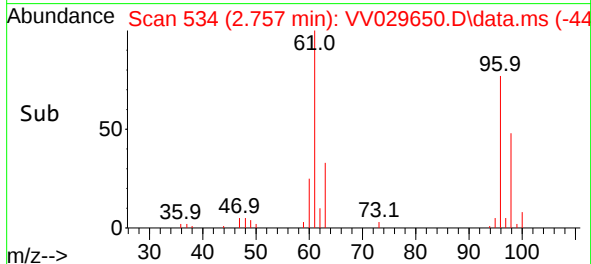
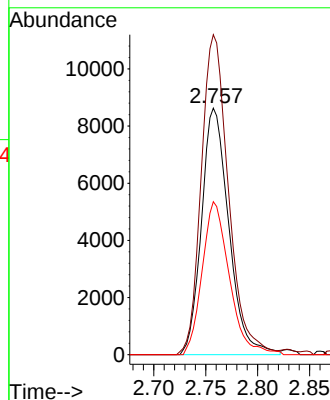
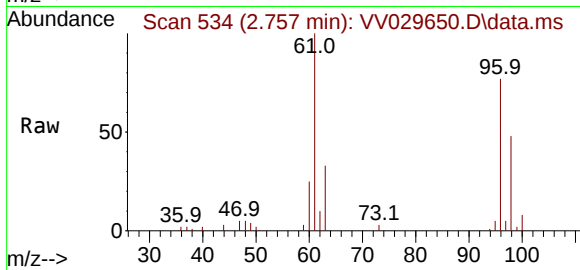




#17
trans-1,2-Dichloroethene
Concen: 5.418 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029650.D
Acq: 13 Dec 2022 14:50

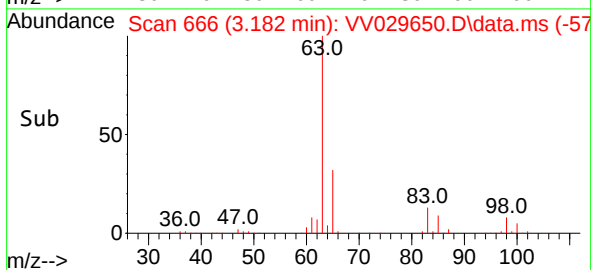
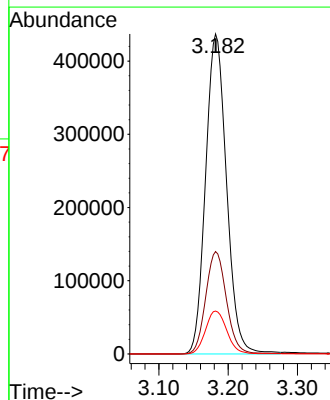
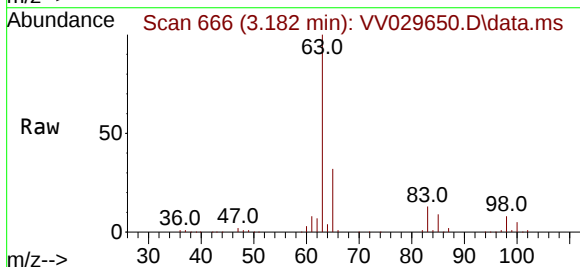
Instrument :
MSVOA_V
ClientSampleId :
EXZ91

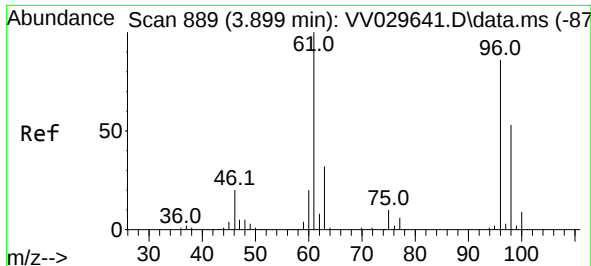
Tgt Ion: 96 Resp: 15778
Ion Ratio Lower Upper
96 100
61 129.8 86.4 160.4
98 62.1 43.4 80.6



#19
1,1-Dichloroethane
Concen: 183.769 ug/L
RT: 3.182 min Scan# 666
Delta R.T. -0.000 min
Lab File: VV029650.D
Acq: 13 Dec 2022 14:50

Tgt Ion: 63 Resp: 916868
Ion Ratio Lower Upper
63 100
65 32.0 22.5 41.7
83 13.4 10.4 19.2

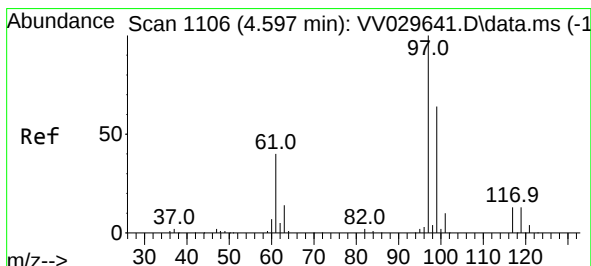
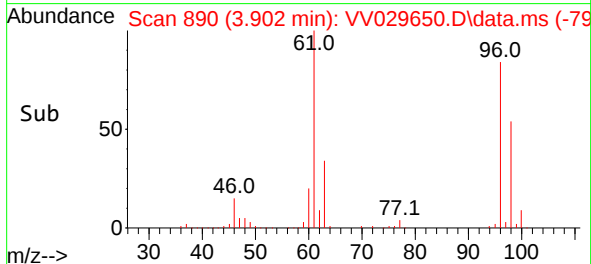
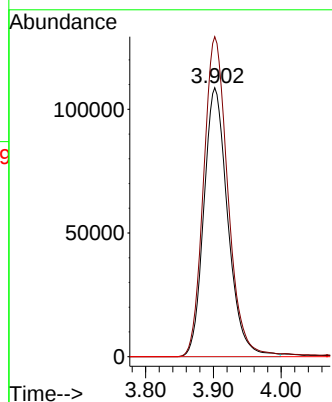
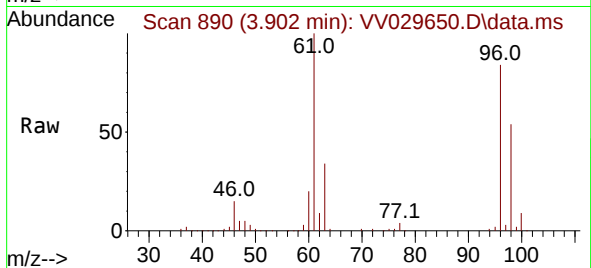




#20
 cis-1,2-Dichloroethene
 Concen: 83.519 ug/L
 RT: 3.902 min Scan# 89
 Delta R.T. 0.003 min
 Lab File: VV029650.D
 Acq: 13 Dec 2022 14:50

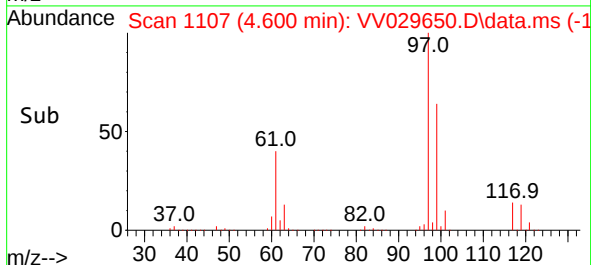
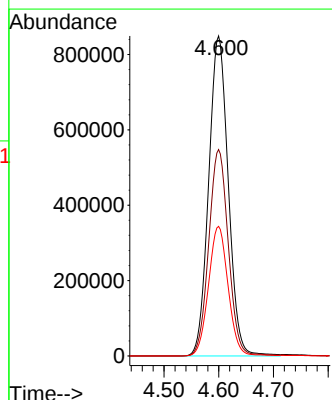
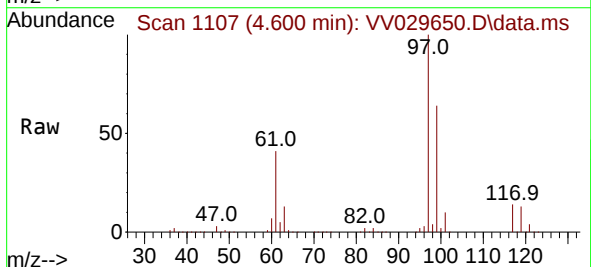
Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ91

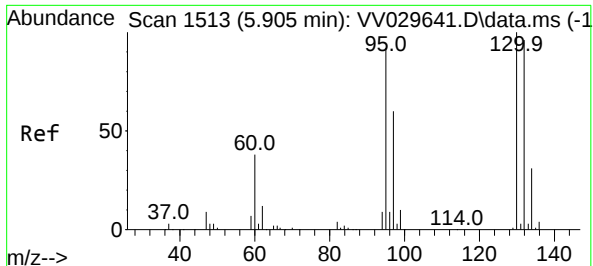
Tgt Ion: 96 Resp: 267466
 Ion Ratio Lower Upper
 96 100
 61 119.0 78.0 144.9
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 442.377 ug/L
 RT: 4.600 min Scan# 1107
 Delta R.T. 0.003 min
 Lab File: VV029650.D
 Acq: 13 Dec 2022 14:50

Tgt Ion: 97 Resp: 2110052
 Ion Ratio Lower Upper
 97 100
 99 64.6 52.1 78.1
 61 40.4 31.8 47.8





#34

Trichloroethene

Concen: 63.882 ug/L

RT: 5.905 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VV029650.D

Acq: 13 Dec 2022 14:50

Instrument :

MSVOA_V

ClientSampleId :

EXZ91

Tgt Ion: 95 Resp: 197543

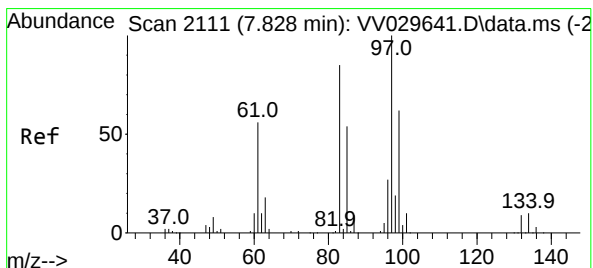
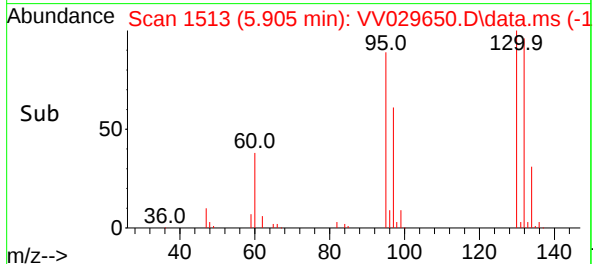
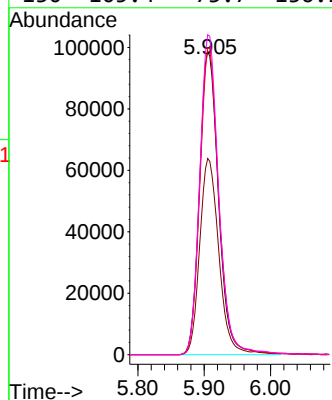
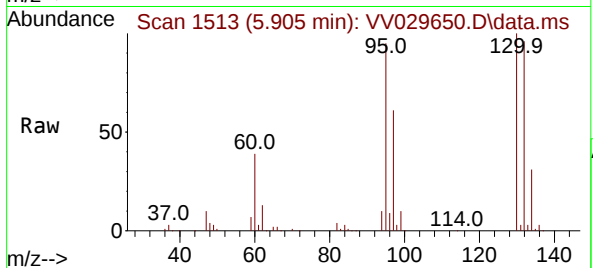
Ion Ratio Lower Upper

95 100

97 64.6 44.0 81.8

132 101.0 69.9 129.9

130 105.4 73.7 136.9



#45

1,1,2-Trichloroethane

Concen: 2.580 ug/L

RT: 7.834 min Scan# 2113

Delta R.T. 0.006 min

Lab File: VV029650.D

Acq: 13 Dec 2022 14:50

Tgt Ion: 97 Resp: 7938

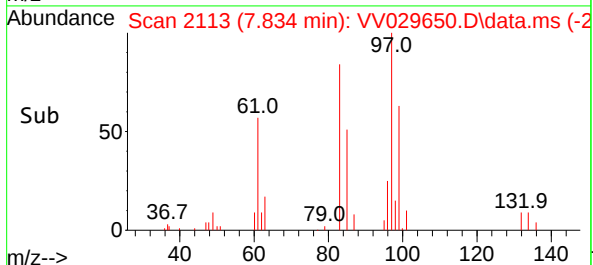
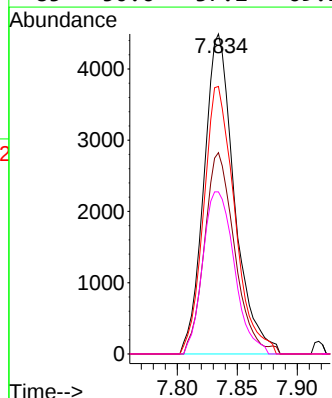
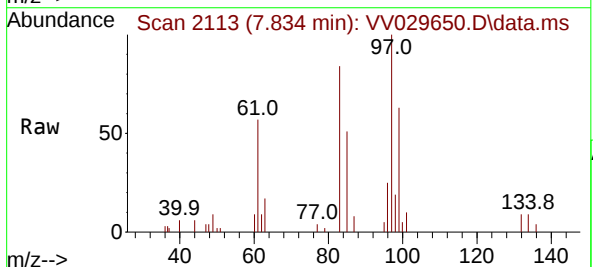
Ion Ratio Lower Upper

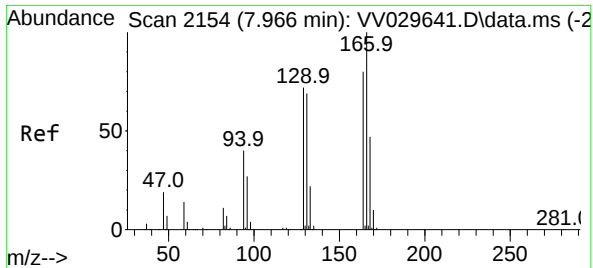
97 100

99 62.9 43.8 81.3

83 83.6 58.6 108.8

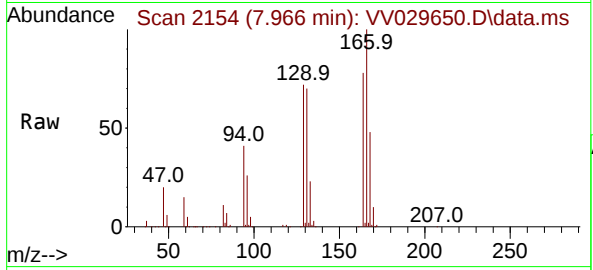
85 50.6 37.2 69.2





#46
 Tetrachloroethene
 Concen: 93.125 ug/L
 RT: 7.966 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV029650.D
 Acq: 13 Dec 2022 14:50

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ91



Tgt Ion:164 Resp: 231526

Ion	Ratio	Lower	Upper
164	100		
129	91.6	65.3	121.3
131	89.0	63.1	117.1
166	127.9	90.8	168.6

