

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121222\
 Data File : VW029621.D
 Acq On : 13 Dec 2022 01:38
 Operator : SY/MD
 Sample : N5928-18
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ79

Quant Time: Dec 13 05:25:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 13 04:57:44 2022
 Response via : Initial Calibration

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

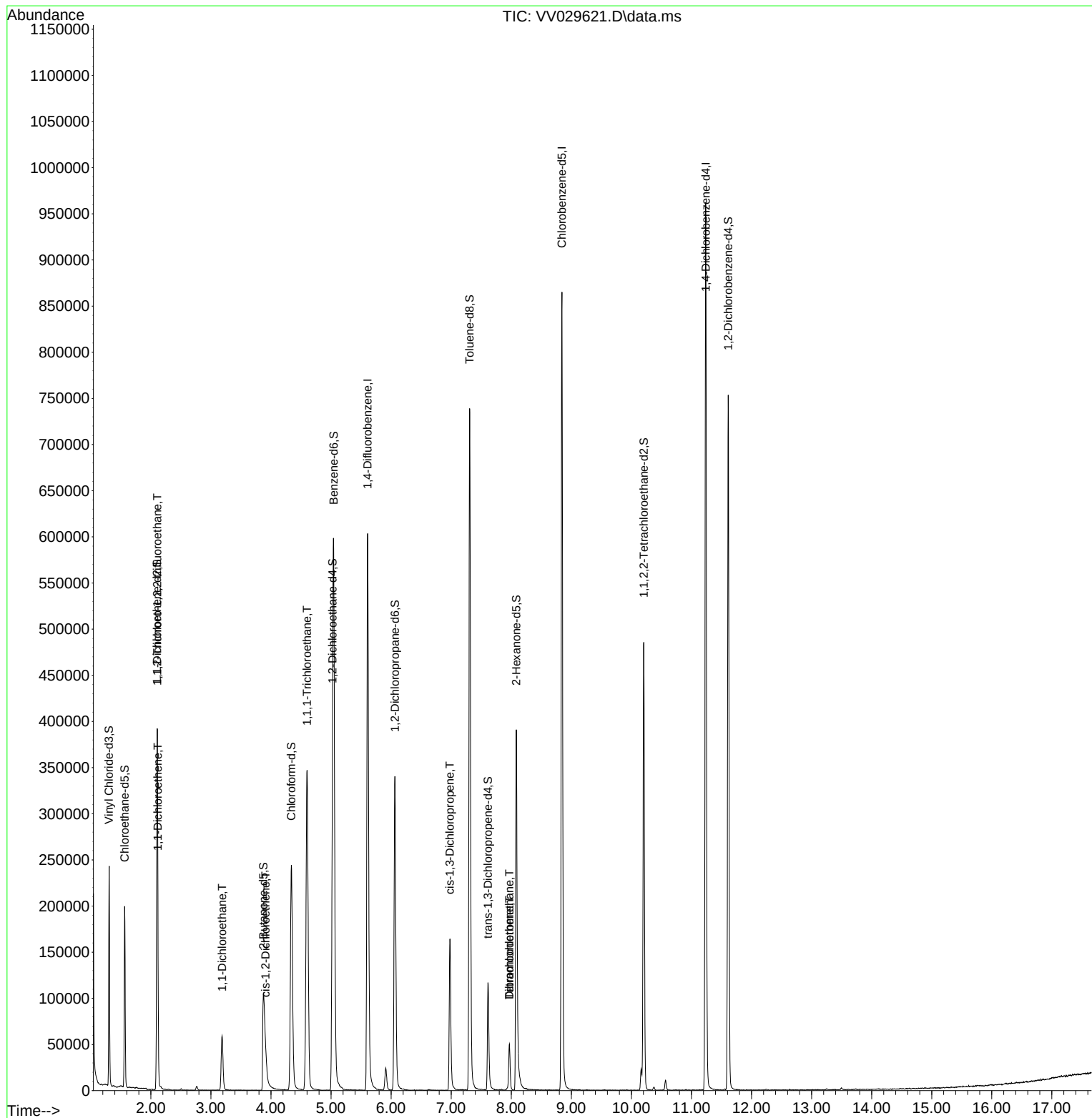
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	552656	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	509648	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	263052	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	151344	44.720	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.440%		
7) Chloroethane-d5	1.564	69	123625	47.906	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.820%		
11) 1,1-Dichloroethene-d2	2.105	63	198340	37.575	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.160%		
21) 2-Butanone-d5	3.873	46	172154	83.389	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.390%		
24) Chloroform-d	4.339	84	266499	41.847	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.700%		
26) 1,2-Dichloroethane-d4	5.024	65	158768	43.650	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.300%		
32) Benzene-d6	5.043	84	580175	43.082	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.160%		
36) 1,2-Dichloropropane-d6	6.063	67	176737	42.966	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.940%		
41) Toluene-d8	7.307	98	517523	40.787	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.580%		
43) trans-1,3-Dichloroprop...	7.612	79	72091	34.707	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.420%		
47) 2-Hexanone-d5	8.085	63	148930	84.786	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	84.790%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	241796	41.135	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	82.280%		
66) 1,2-Dichlorobenzene-d4	11.612	152	204762	40.891	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.780%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	2098	0.726	ug/L #	18
12) 1,1-Dichloroethene	2.117	96	12160	4.116	ug/L #	1
19) 1,1-Dichloroethane	3.185	63	62383	10.698	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	11756	3.141	ug/L	96
30) 1,1,1-Trichloroethane	4.600	97	293413	52.842	ug/L	98
39) cis-1,3-Dichloropropene	6.979	75	4124	0.723	ug/L #	57
46) Tetrachloroethene	7.969	164	12556	4.338	ug/L	87
49) Dibromochloromethane	7.969	129	10767	2.723	ug/L #	10

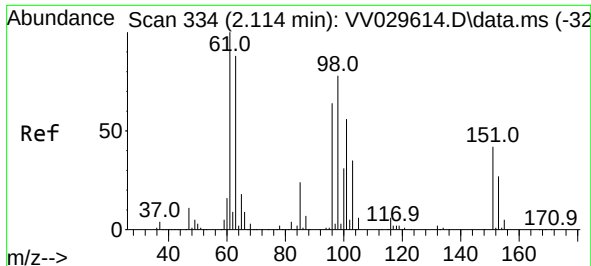
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121222\
Data File : VV029621.D
Acq On : 13 Dec 2022 01:38
Operator : SY/MD
Sample : N5928-18
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXZ79

Quant Time: Dec 13 05:25:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 13 04:57:44 2022
Response via : Initial Calibration

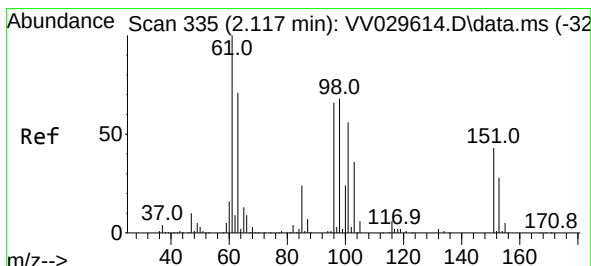
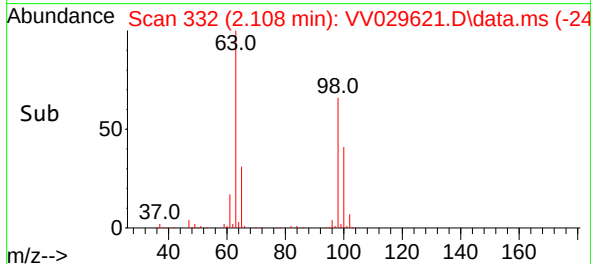
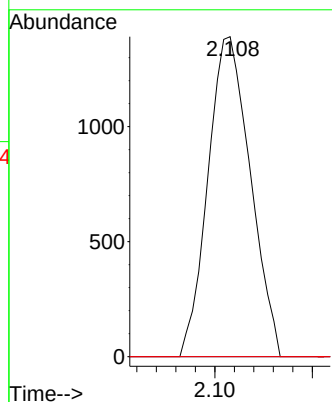
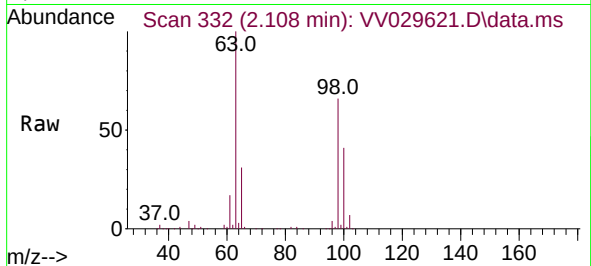




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.726 ug/L
 RT: 2.108 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VV029621.D
 Acq: 13 Dec 2022 01:38

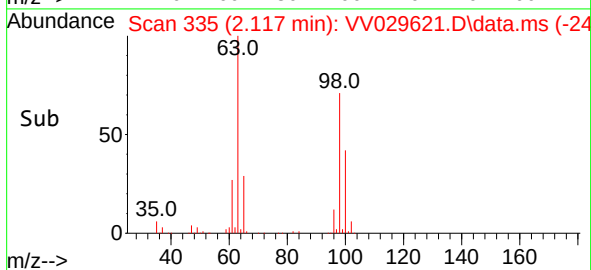
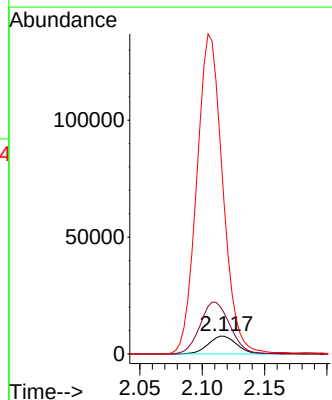
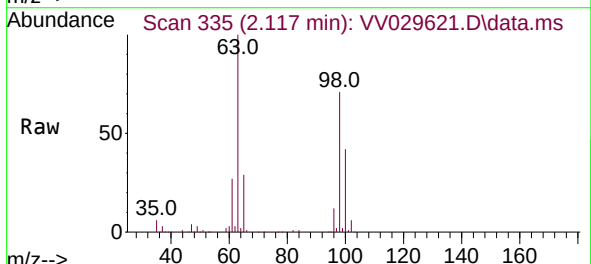
Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ79

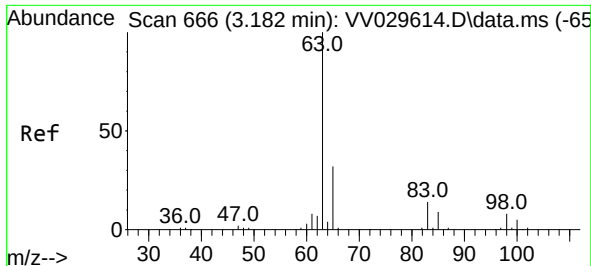
Tgt Ion:101 Resp: 2098
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.6 50.4#
 151 0.0 63.5 95.3#



#12
 1,1-Dichloroethene
 Concen: 4.116 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV029621.D
 Acq: 13 Dec 2022 01:38

Tgt Ion: 96 Resp: 12160
 Ion Ratio Lower Upper
 96 100
 61 231.5 103.3 191.9#
 63 851.8 77.3 143.7#





#19

1,1-Dichloroethane

Concen: 10.698 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV029621.D

Acq: 13 Dec 2022 01:38

Instrument :

MSVOA_V

ClientSampleId :

EXZ79

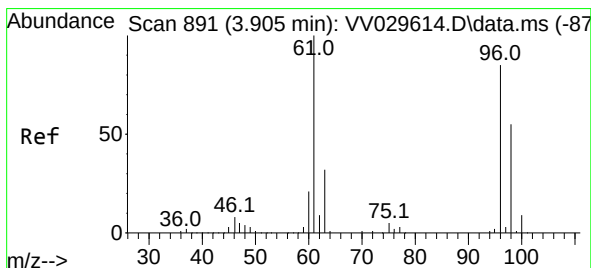
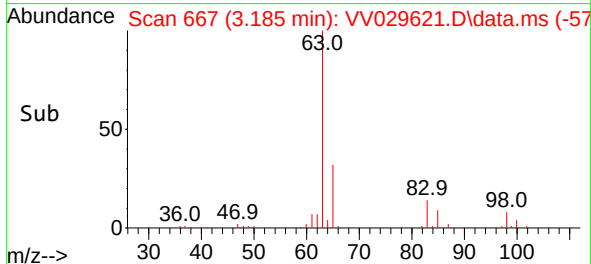
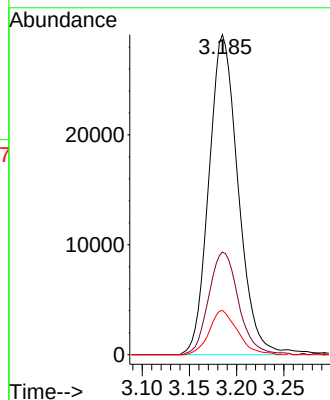
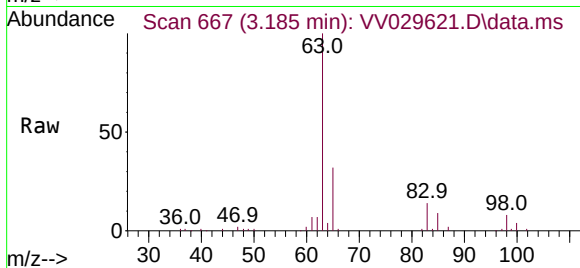
Tgt Ion: 63 Resp: 62383

Ion Ratio Lower Upper

63 100

65 32.1 22.5 41.7

83 13.8 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 3.141 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.003 min

Lab File: VV029621.D

Acq: 13 Dec 2022 01:38

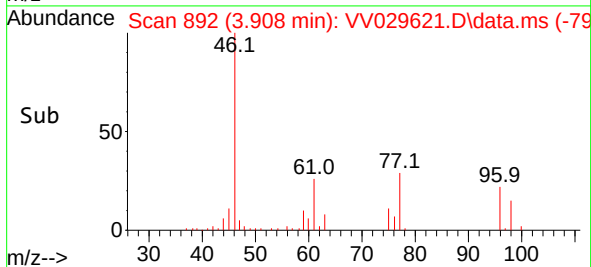
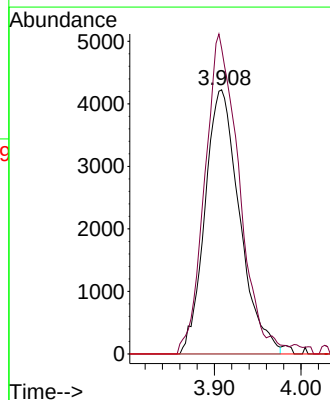
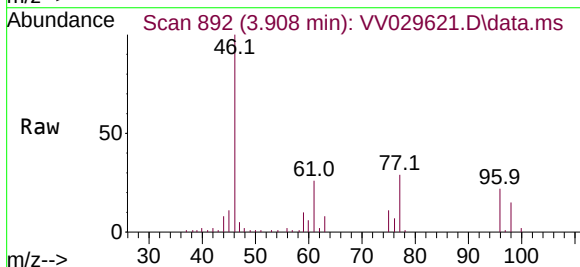
Tgt Ion: 96 Resp: 11756

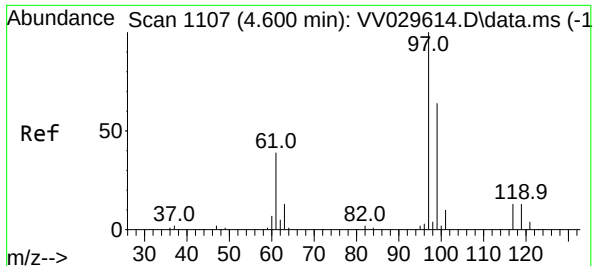
Ion Ratio Lower Upper

96 100

61 115.7 78.0 144.9

68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 52.842 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VV029621.D

Acq: 13 Dec 2022 01:38

Instrument :

MSVOA_V

ClientSampleId :

EXZ79

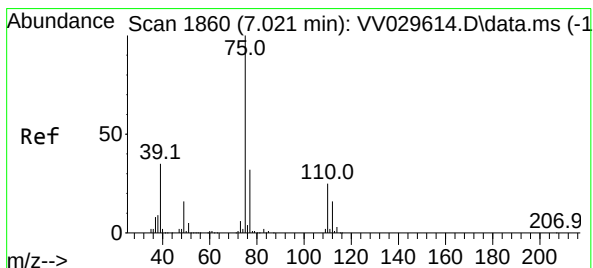
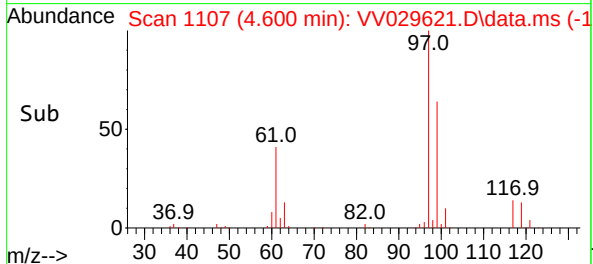
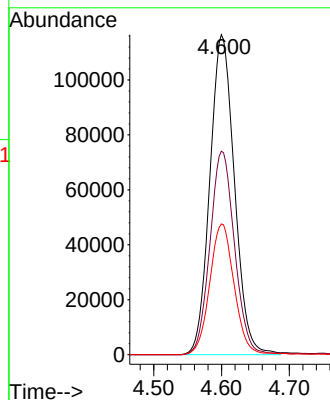
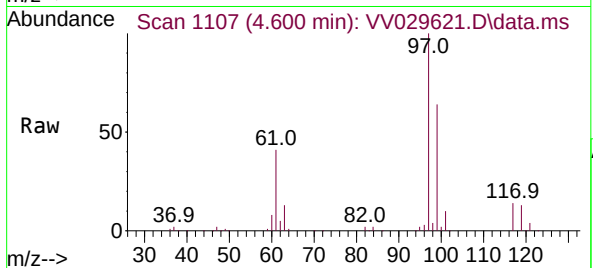
Tgt Ion: 97 Resp: 293413

Ion Ratio Lower Upper

97 100

99 63.5 52.1 78.1

61 40.6 31.8 47.8



#39

cis-1,3-Dichloropropene

Concen: 0.723 ug/L

RT: 6.979 min Scan# 1847

Delta R.T. -0.042 min

Lab File: VV029621.D

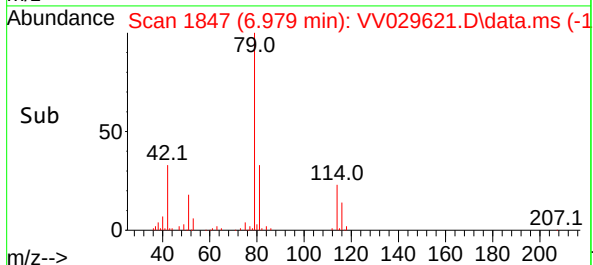
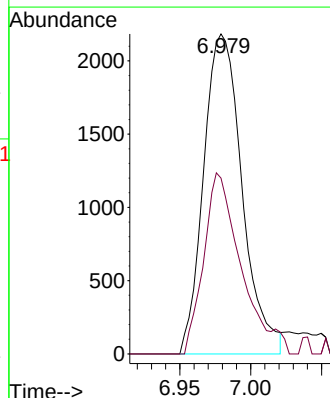
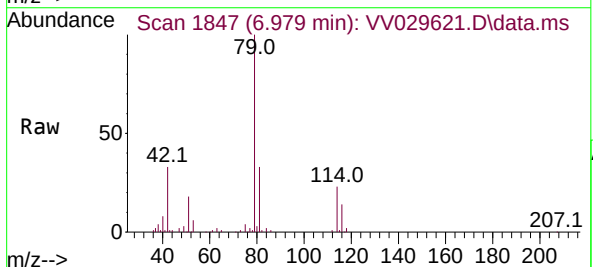
Acq: 13 Dec 2022 01:38

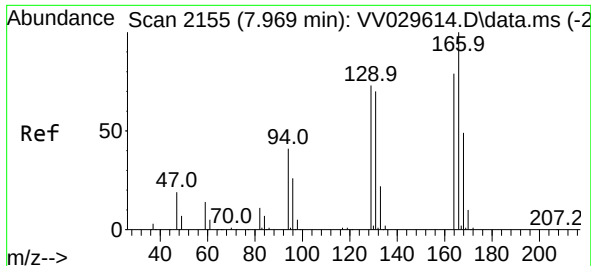
Tgt Ion: 75 Resp: 4124

Ion Ratio Lower Upper

75 100

77 54.9 21.9 40.7#

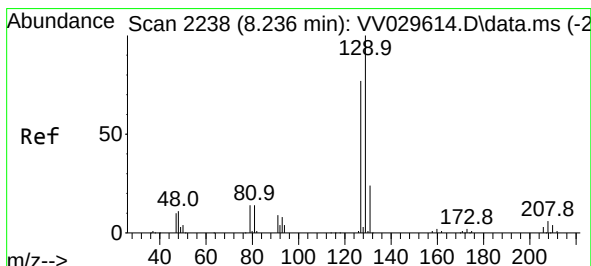
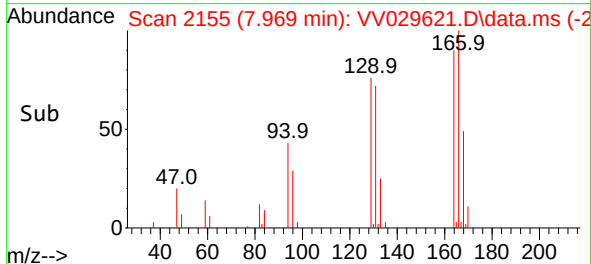
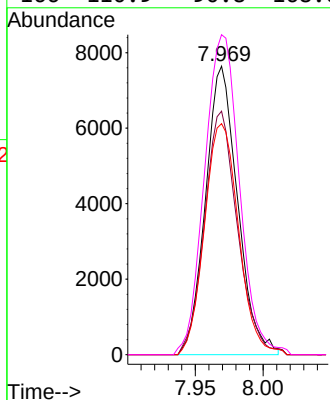
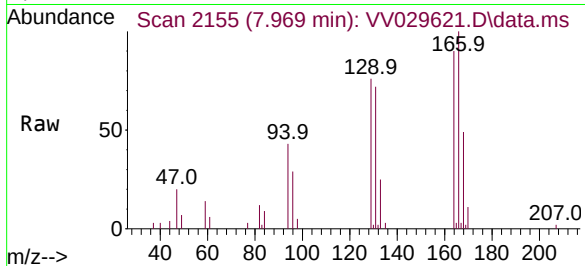




#46
Tetrachloroethene
Concen: 4.338 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV029621.D
Acq: 13 Dec 2022 01:38

Instrument :
MSVOA_V
ClientSampleId :
EXZ79

Tgt Ion:164	Resp:	12556
Ion Ratio	Lower	Upper
164	100	
129	84.4	65.3 121.3
131	80.1	63.1 117.1
166	110.9	90.8 168.6



#49
Dibromochloromethane
Concen: 2.723 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.267 min
Lab File: VV029621.D
Acq: 13 Dec 2022 01:38

Tgt Ion:129	Resp:	10767
Ion Ratio	Lower	Upper
129	100	
127	0.0	55.2 102.4#

