

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121222\
 Data File : VW029620.D
 Acq On : 13 Dec 2022 01:14
 Operator : SY/MD
 Sample : N5928-16
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ77

Quant Time: Dec 13 05:25:34 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)

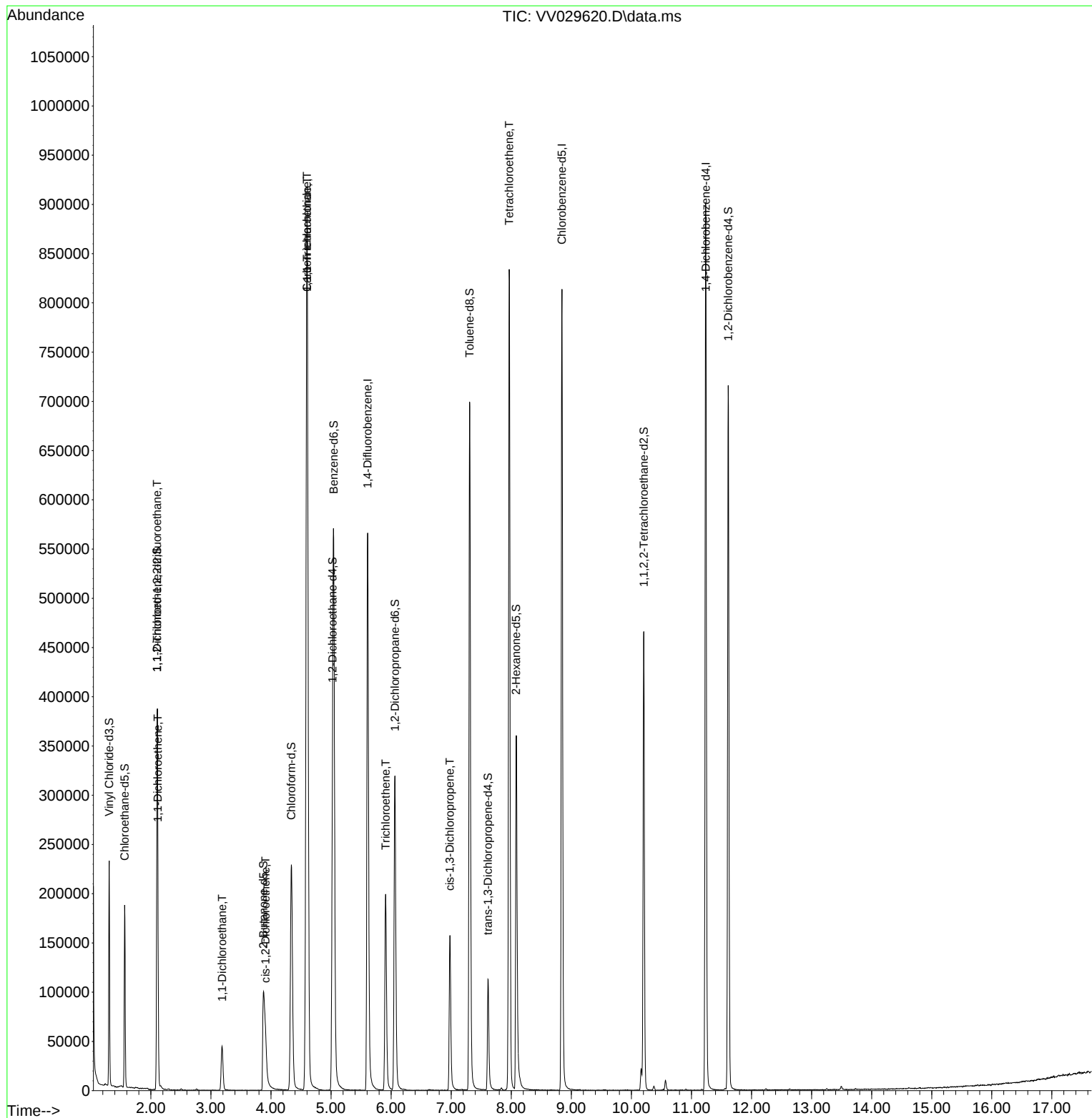
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	521116	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	480034	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	247866	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	143522	44.976	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	89.960%	
7) Chloroethane-d5	1.564	69	116713	47.965	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	95.920%	
11) 1,1-Dichloroethene-d2	2.105	63	192194	38.615	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	77.220%	
21) 2-Butanone-d5	3.873	46	162217	83.331	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	83.330%	
24) Chloroform-d	4.339	84	249217	41.501	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	83.000%	
26) 1,2-Dichloroethane-d4	5.024	65	152125	44.355	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.720%	
32) Benzene-d6	5.043	84	550780	43.423	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	86.840%	
36) 1,2-Dichloropropane-d6	6.063	67	166289	42.920	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	85.840%	
41) Toluene-d8	7.307	98	489631	40.969	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	81.940%	
43) trans-1,3-Dichloroprop...	7.612	79	68372	34.947	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	69.900%	
47) 2-Hexanone-d5	8.082	63	138007	83.415	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	83.410%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	225584	40.745	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	81.480%	
66) 1,2-Dichlorobenzene-d4	11.612	152	194402	41.201	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	82.400%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	1863	0.684	ug/L #	22
12) 1,1-Dichloroethene	2.118	96	19546	7.017	ug/L #	1
19) 1,1-Dichloroethane	3.185	63	47365	8.614	ug/L	98
20) cis-1,2-Dichloroethene	3.908	96	21294	6.034	ug/L	99
30) 1,1,1-Trichloroethane	4.600	97	743048	142.075	ug/L	99
31) Carbon tetrachloride	4.600	117	100170	21.933	ug/L	99
34) Trichloroethene	5.908	95	72126	21.272	ug/L	97
39) cis-1,3-Dichloropropene	6.979	75	3991	0.743	ug/L #	57
46) Tetrachloroethene	7.966	164	196039	71.914	ug/L	98

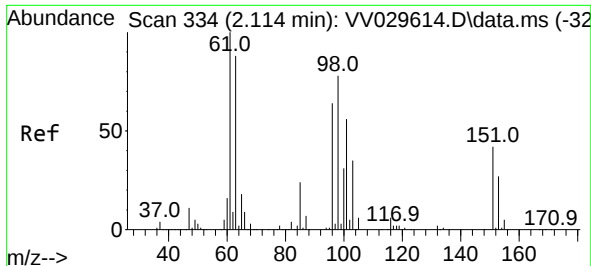
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 13 04:57:44 2022
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.684 ug/L

RT: 2.105 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV029620.D

Acq: 13 Dec 2022 01:14

Instrument :

MSVOA_V

ClientSampleId :

EXZ77

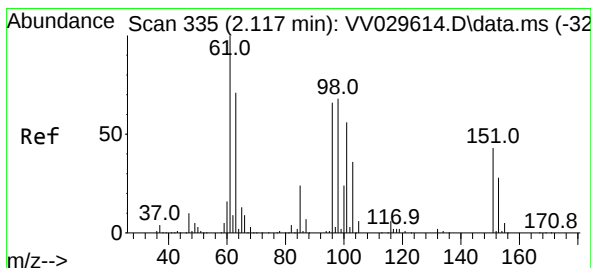
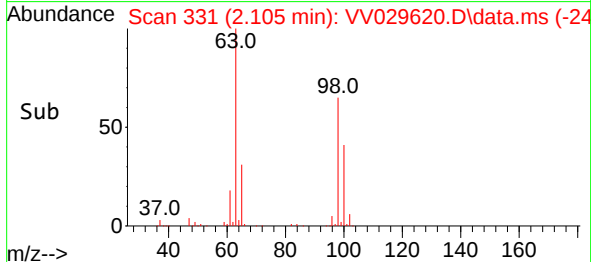
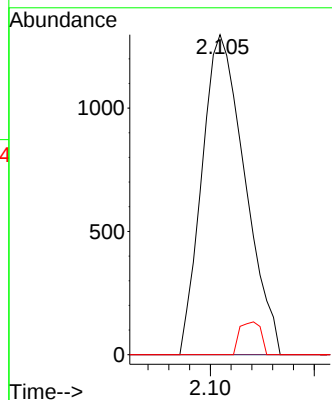
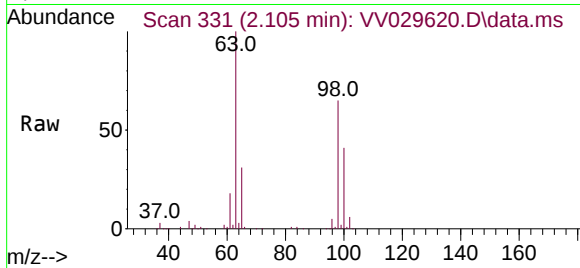
Tgt Ion:101 Resp: 1863

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

151 5.0 63.5 95.3#



#12

1,1-Dichloroethene

Concen: 7.017 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.000 min

Lab File: VV029620.D

Acq: 13 Dec 2022 01:14

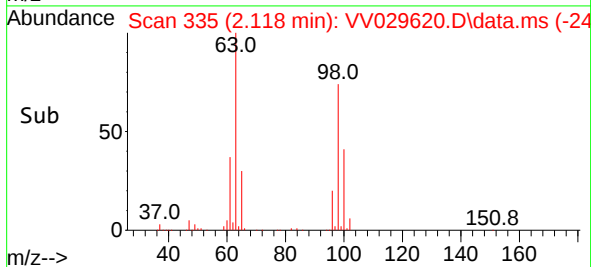
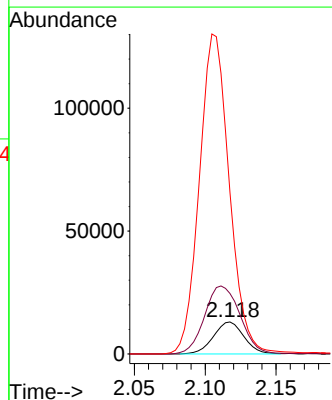
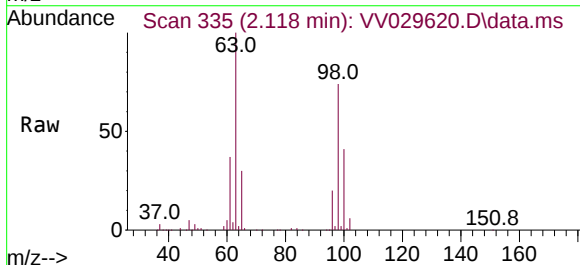
Tgt Ion: 96 Resp: 19546

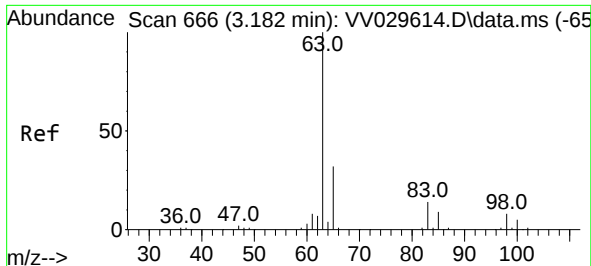
Ion Ratio Lower Upper

96 100

61 189.0 103.3 191.9

63 504.9 77.3 143.7#





#19

1,1-Dichloroethane

Concen: 8.614 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV029620.D

Acq: 13 Dec 2022 01:14

Instrument :

MSVOA_V

ClientSampleId :

EXZ77

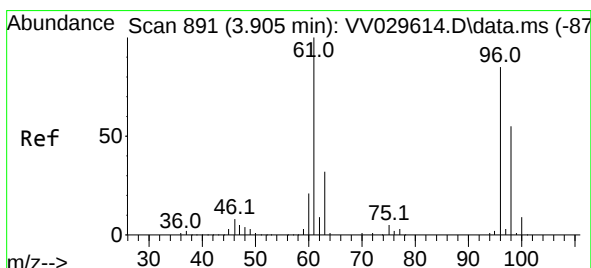
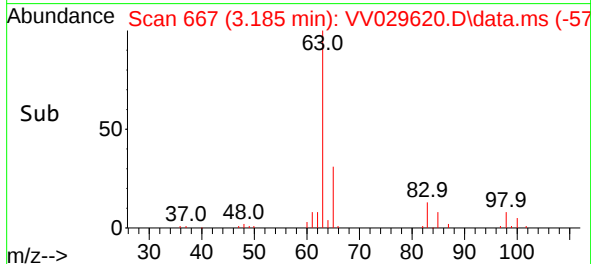
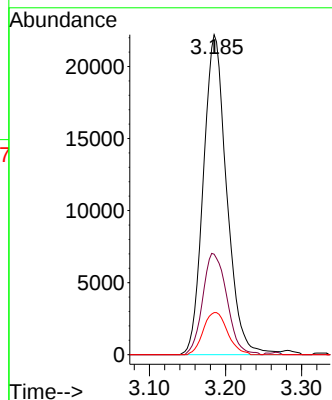
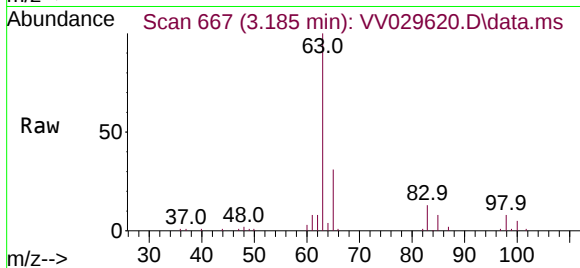
Tgt Ion: 63 Resp: 47365

Ion Ratio Lower Upper

63 100

65 31.4 22.5 41.7

83 13.1 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 6.034 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.003 min

Lab File: VV029620.D

Acq: 13 Dec 2022 01:14

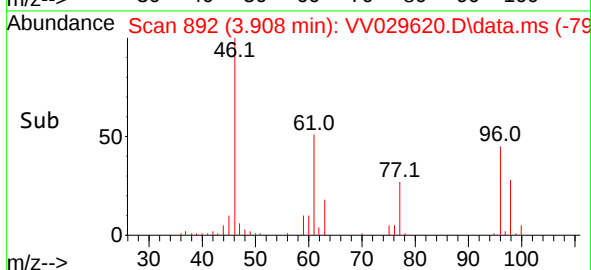
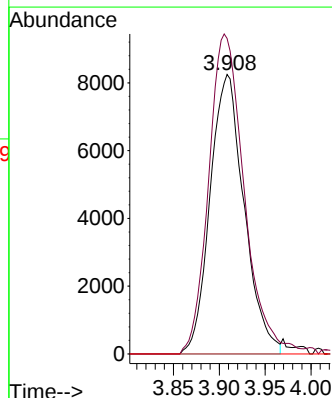
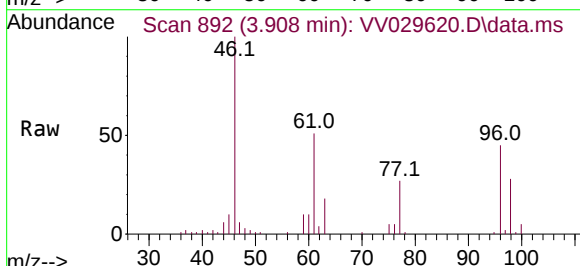
Tgt Ion: 96 Resp: 21294

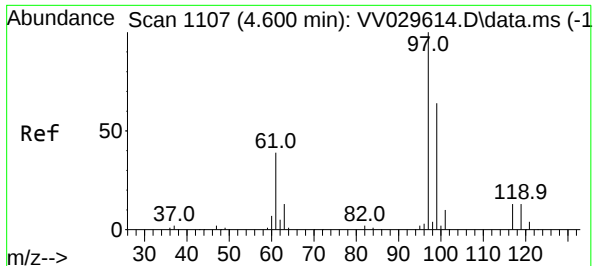
Ion Ratio Lower Upper

96 100

61 112.9 78.0 144.9

68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 142.075 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VV029620.D

Acq: 13 Dec 2022 01:14

Instrument :

MSVOA_V

ClientSampleId :

EXZ77

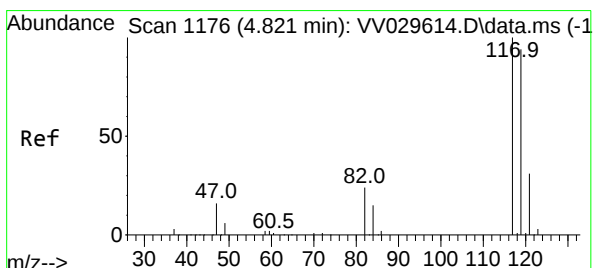
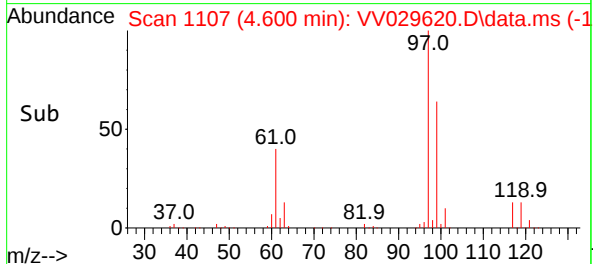
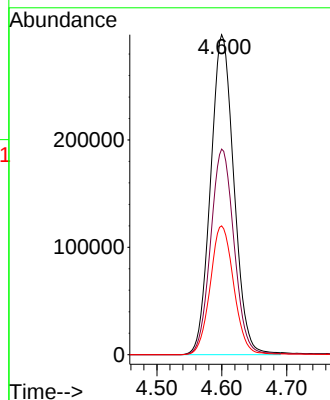
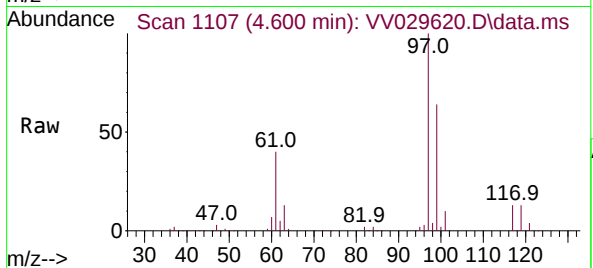
Tgt Ion: 97 Resp: 743048

Ion Ratio Lower Upper

97 100

99 64.9 52.1 78.1

61 40.6 31.8 47.8



#31

Carbon tetrachloride

Concen: 21.933 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.222 min

Lab File: VV029620.D

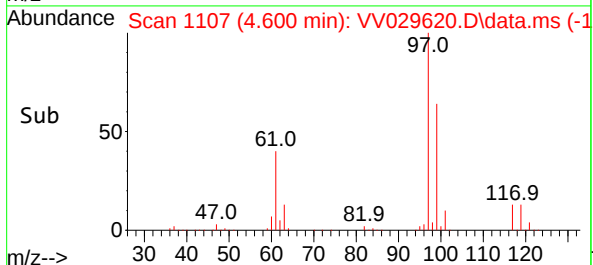
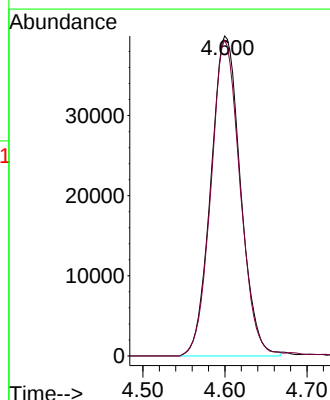
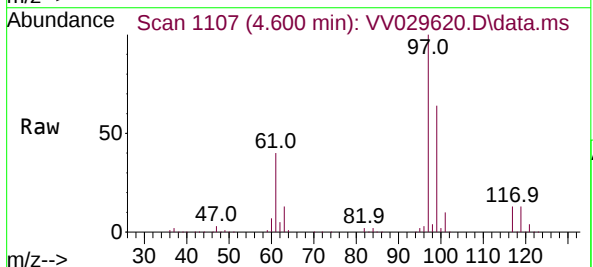
Acq: 13 Dec 2022 01:14

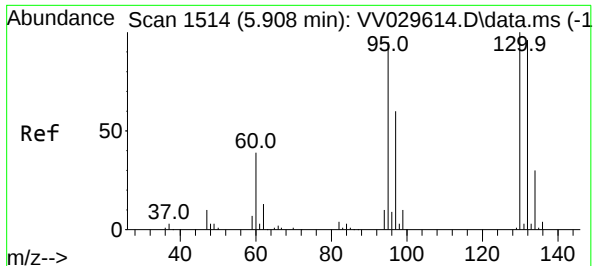
Tgt Ion: 117 Resp: 100170

Ion Ratio Lower Upper

117 100

119 97.0 76.7 115.1



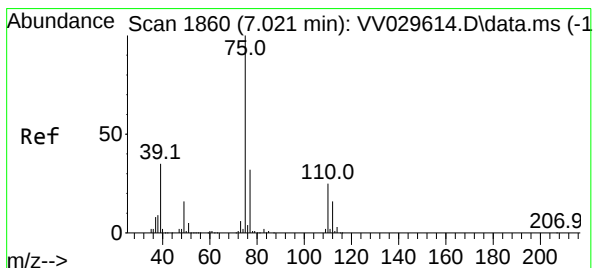
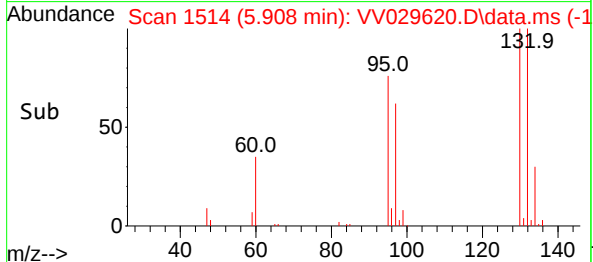
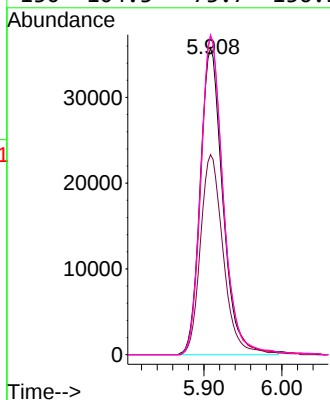
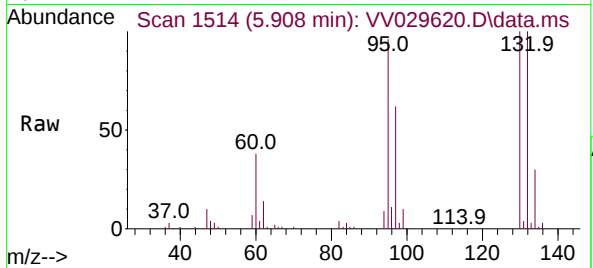


#34
Trichloroethene
Concen: 21.272 ug/L
RT: 5.908 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV029620.D
Acq: 13 Dec 2022 01:14

Instrument :
MSVOA_V
ClientSampleId :
EXZ77

Tgt Ion: 95 Resp: 72126

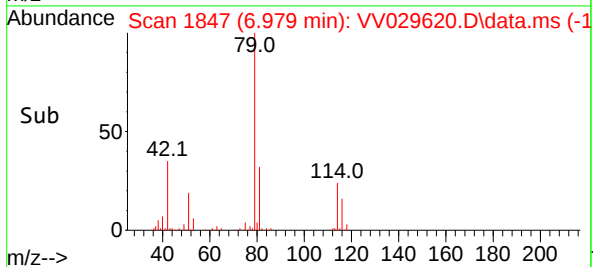
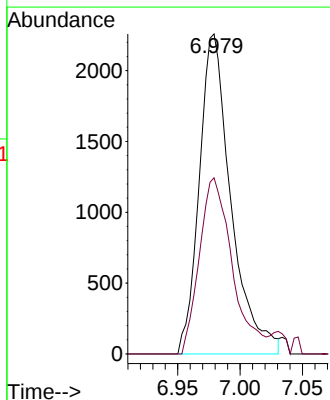
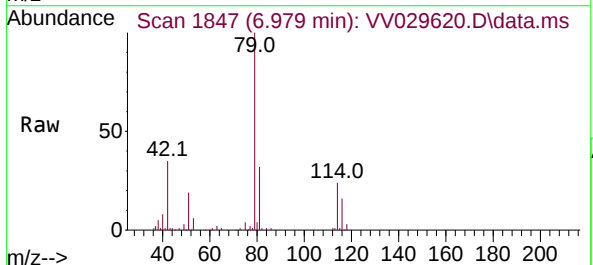
Ion	Ratio	Lower	Upper
95	100		
97	65.2	44.0	81.8
132	103.9	69.9	129.9
130	104.3	73.7	136.9

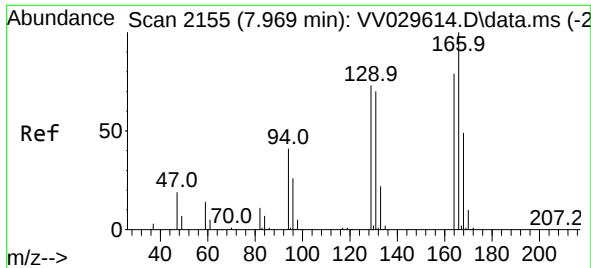


#39
cis-1,3-Dichloropropene
Concen: 0.743 ug/L
RT: 6.979 min Scan# 1847
Delta R.T. -0.042 min
Lab File: VV029620.D
Acq: 13 Dec 2022 01:14

Tgt Ion: 75 Resp: 3991

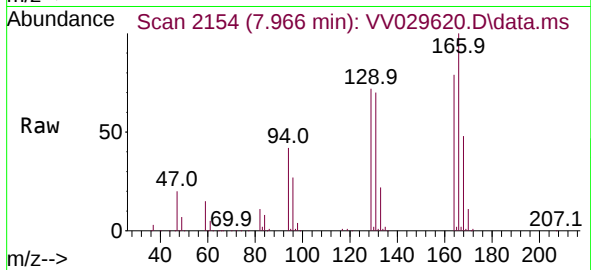
Ion	Ratio	Lower	Upper
75	100		
77	55.1	21.9	40.7#





#46
 Tetrachloroethene
 Concen: 71.914 ug/L
 RT: 7.966 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV029620.D
 Acq: 13 Dec 2022 01:14

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ77



Tgt Ion:164 Resp: 196039

Ion	Ratio	Lower	Upper
164	100		
129	91.8	65.3	121.3
131	89.1	63.1	117.1
166	127.2	90.8	168.6

