

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021122\
 Data File : VV024621.D
 Acq On : 11 Feb 2022 22:58
 Operator : SY/MD
 Sample : N1512-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 12 07:09:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 12 07:08:39 2022
 Response via : Initial Calibration

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

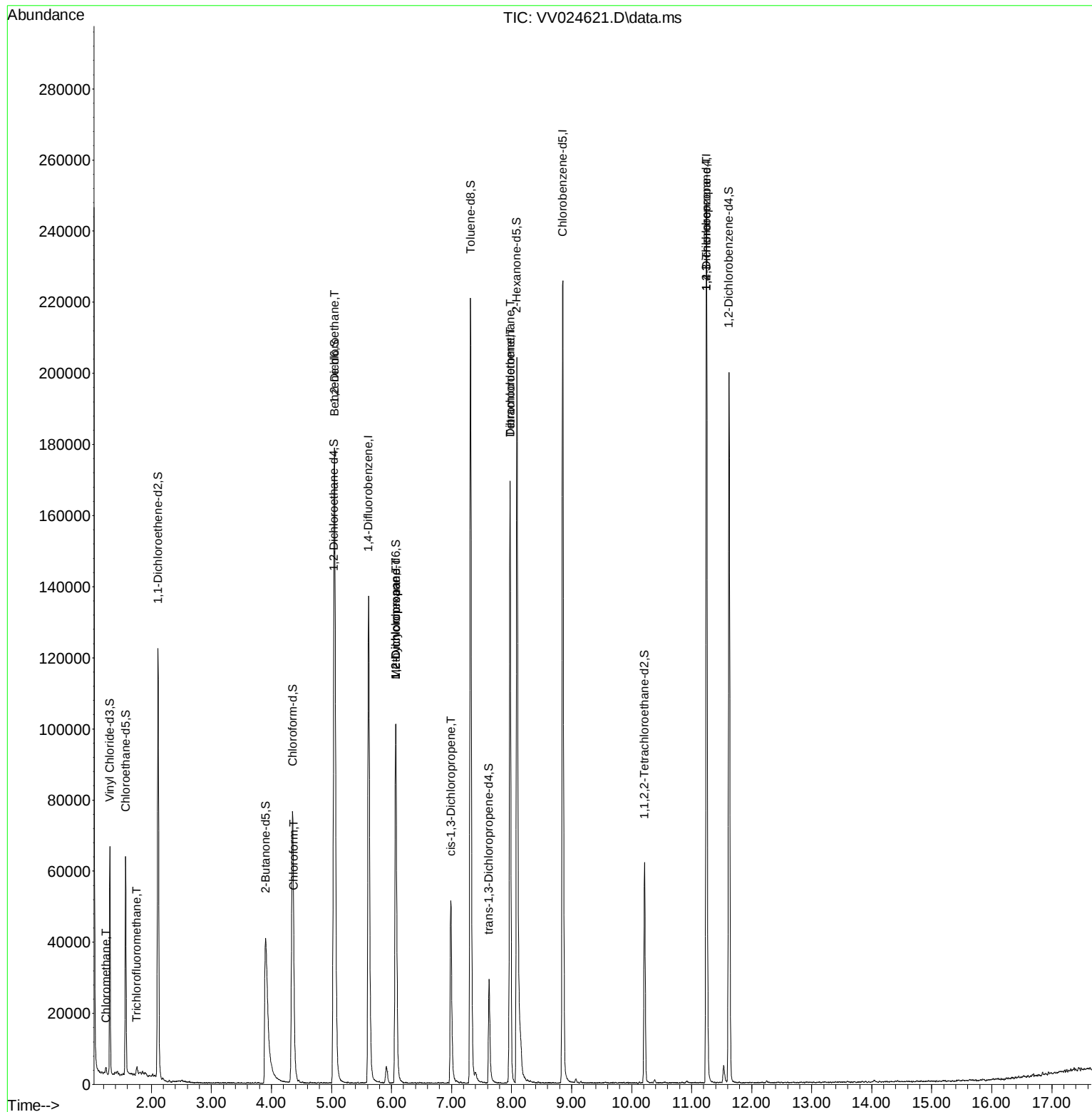
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	118672	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	120632	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60053	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39692	3.990	ug/L	0.00
Spiked Amount 5.000	Range 40	- 130	Recovery	=	79.800%	
7) Chloroethane-d5	1.571	69	37137	4.416	ug/L	0.00
Spiked Amount 5.000	Range 65	- 130	Recovery	=	88.400%	
11) 1,1-Dichloroethene-d2	2.111	63	62836	2.888	ug/L	0.00
Spiked Amount 5.000	Range 60	- 125	Recovery	=	57.800%#	
20) 2-Butanone-d5	3.902	46	89341	54.102	ug/L	0.00
Spiked Amount 50.000	Range 40	- 130	Recovery	=	108.200%	
24) Chloroform-d	4.352	84	80030	4.571	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	91.400%	
26) 1,2-Dichloroethane-d4	5.037	65	40753	5.130	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	102.600%	
32) Benzene-d6	5.053	84	163812	4.786	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	95.800%	
36) 1,2-Dichloropropane-d6	6.069	67	50988	4.790	ug/L	0.00
Spiked Amount 5.000	Range 60	- 140	Recovery	=	95.800%	
41) Toluene-d8	7.316	98	144794	4.536	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	90.800%	
43) trans-1,3-Dichloroprop...	7.625	79	17859	4.154	ug/L	0.00
Spiked Amount 5.000	Range 55	- 130	Recovery	=	83.000%	
46) 2-Hexanone-d5	8.088	63	71812	47.413	ug/L	0.00
Spiked Amount 50.000	Range 45	- 130	Recovery	=	94.820%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	30682	4.841	ug/L	0.00
Spiked Amount 5.000	Range 65	- 120	Recovery	=	96.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	47370	4.893	ug/L	0.00
Spiked Amount 5.000	Range 80	- 120	Recovery	=	97.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	1073	0.070	ug/L	98
9) Trichlorofluoromethane	1.757	101	1392	0.062	ug/L	97
25) Chloroform	4.371	83	2355	0.108	ug/L	99
27) 1,2-Dichloroethane	5.050	62	996	0.083	ug/L #	73
35) Methylcyclohexane	6.069	83	11695	0.545	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	5674	0.497	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1455	0.084	ug/L #	81
47) Tetrachloroethene	7.976	164	34034	3.957	ug/L	90
49) Dibromochloromethane	7.976	129	34284	3.839	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	8360	1.412	ug/L #	63

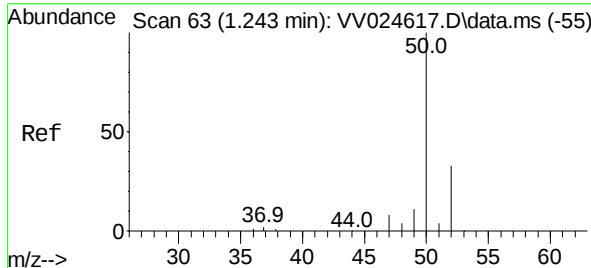
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Feb 12 07:08:39 2022
Response via : Initial Calibration





Chloromethane

Concen: 0.070 ug/L

RT: 1.243 min Scan#

Delta R.T. -0.000 min

Lab File: VV024621.D

Acq: 11 Feb 2022 22:58

Instrument :

MSVOA_V

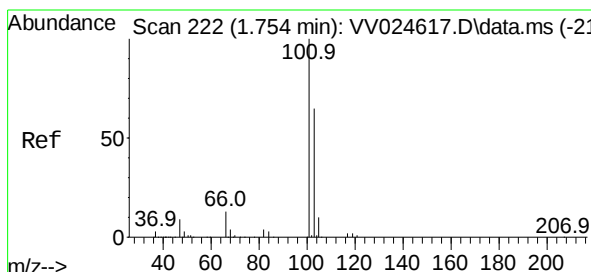
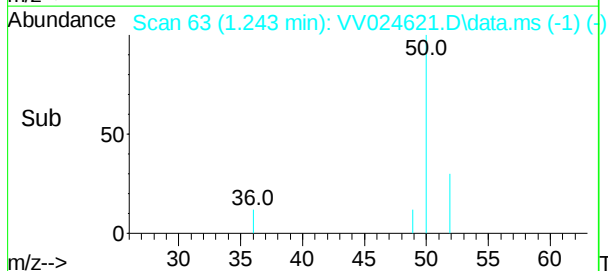
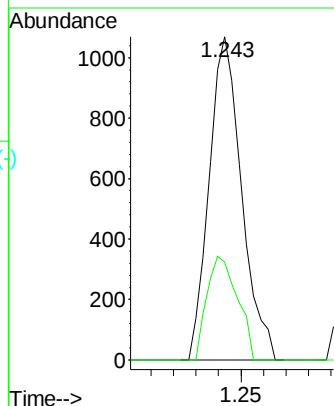
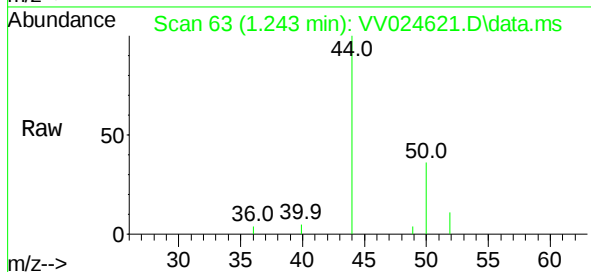
ClientSampleId :

Tgt Ion: 50 Resp: 1073

Ion Ratio Lower Upper

50 100

52 30.3 22.0 41.0



Trichlorofluoromethane

Concen: 0.062 ug/L

RT: 1.757 min Scan# 223

Delta R.T. 0.003 min

Lab File: VV024621.D

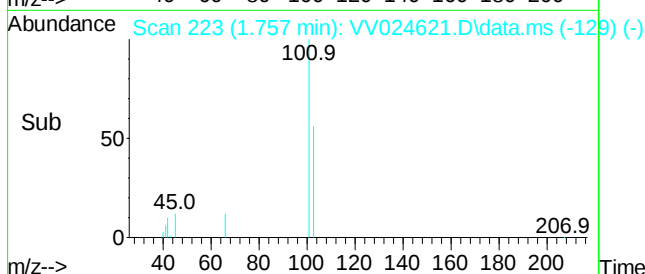
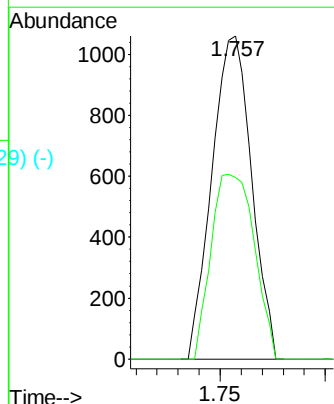
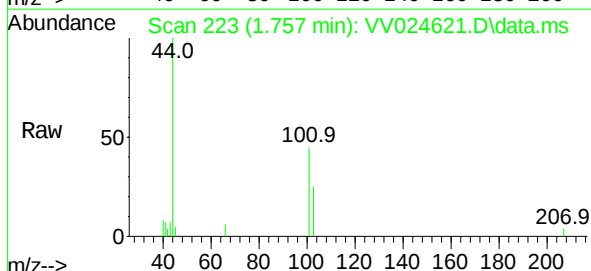
Acq: 11 Feb 2022 22:58

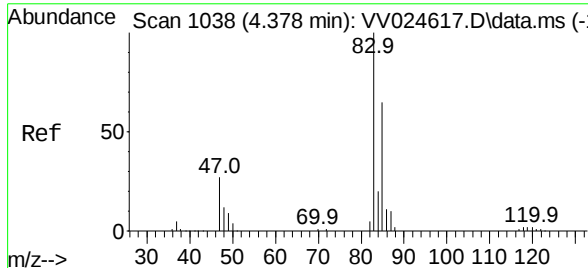
Tgt Ion: 101 Resp: 1392

Ion Ratio Lower Upper

101 100

103 62.3 51.6 77.4

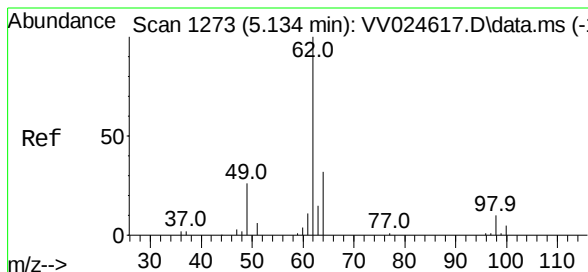
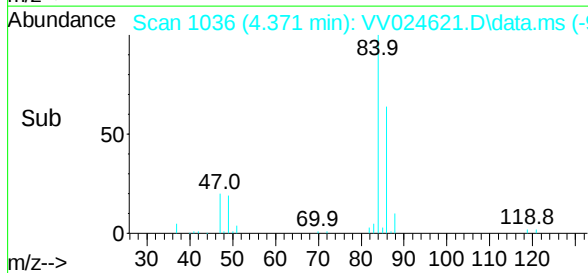
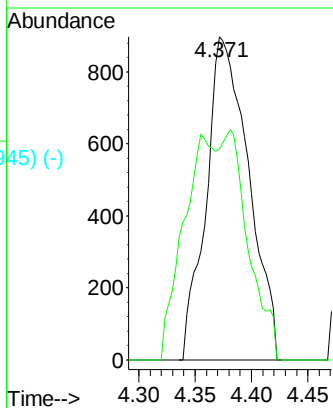
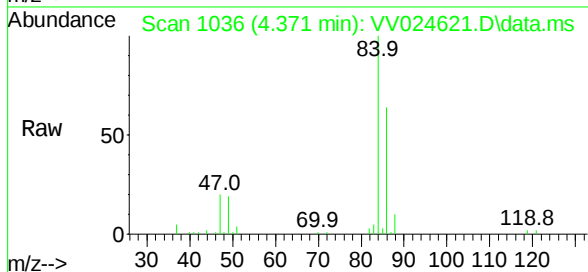




Chloroform
 Concen: 0.108 ug/L
 RT: 4.371 min Scan# 1247
 Delta R.T. -0.007 min
 Lab File: VV024621.D
 Acq: 11 Feb 2022 22:58

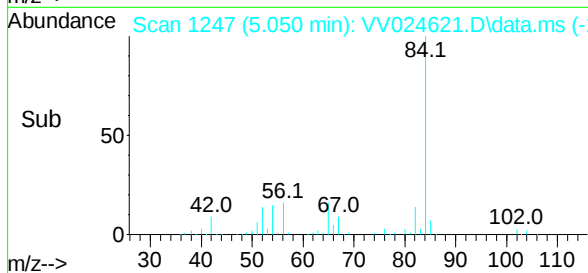
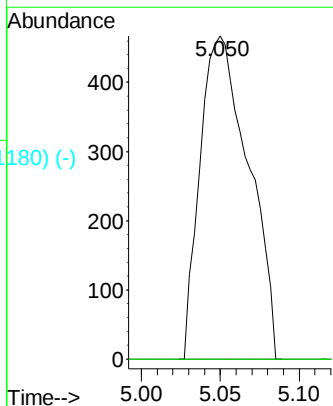
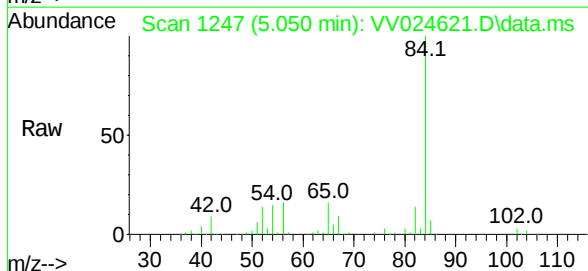
Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 83 Resp: 2355
 Ion Ratio Lower Upper
 83 100
 85 65.3 45.2 84.0

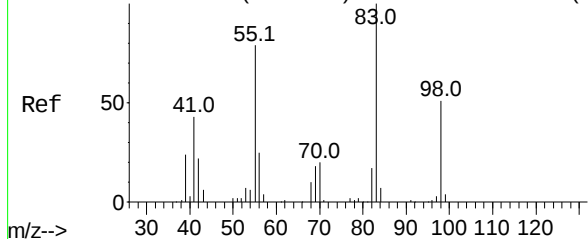


1,2-Dichloroethane
 Concen: 0.083 ug/L
 RT: 5.050 min Scan# 1247
 Delta R.T. -0.084 min
 Lab File: VV024621.D
 Acq: 11 Feb 2022 22:58

Tgt Ion: 62 Resp: 996
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.1 12.1#



Abundance Scan 1583 (6.130 min): VV024617.D\data.ms (-15735)



Methylcyclohexane

Concen: 0.545 ug/L

RT: 6.069 min Scan#

Delta R.T. -0.061 min

Lab File: VV024621.D

Acq: 11 Feb 2022 22:58

Instrument :

MSVOA_V

ClientSampleId :

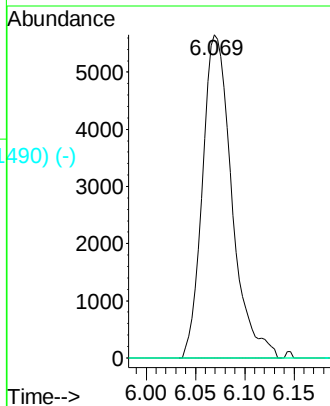
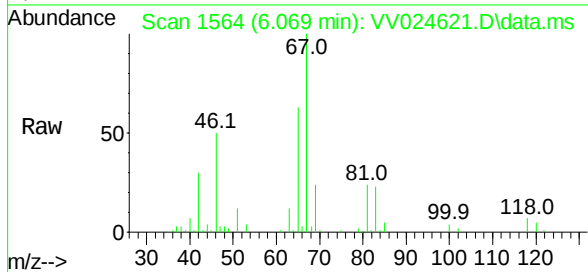
Tgt Ion: 83 Resp: 11695

Ion Ratio Lower Upper

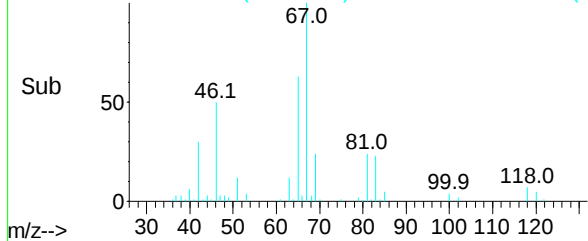
83 100

55 0.0 60.2 90.2#

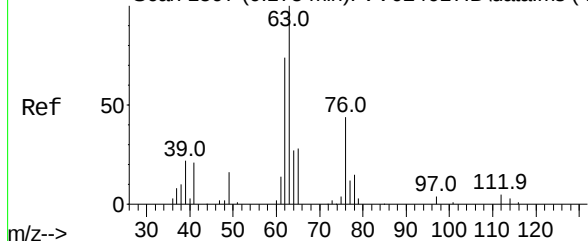
98 1.3 41.0 61.4#



Abundance Scan 1564 (6.069 min): VV024621.D\data.ms (-1490) (-)



Abundance Scan 1597 (6.175 min): VV024617.D\data.ms (-15737)



1,2-Dichloropropane

Concen: 0.497 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.106 min

Lab File: VV024621.D

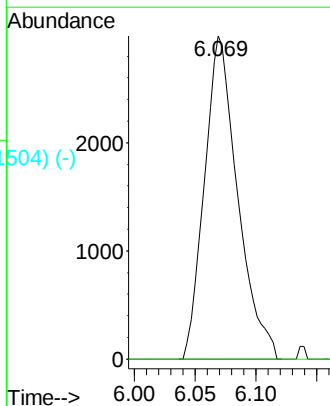
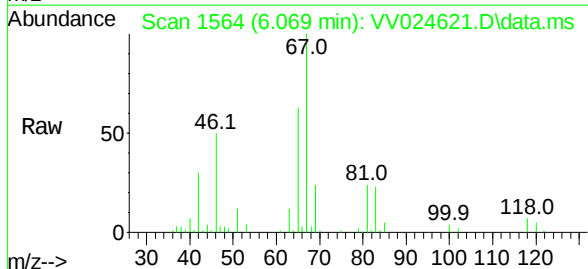
Acq: 11 Feb 2022 22:58

Tgt Ion: 63 Resp: 5674

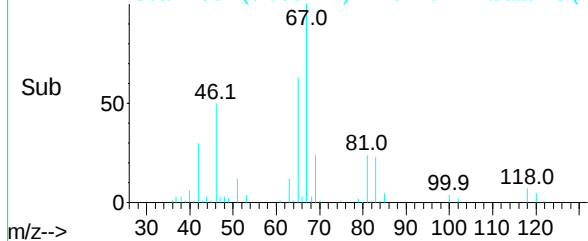
Ion Ratio Lower Upper

63 100

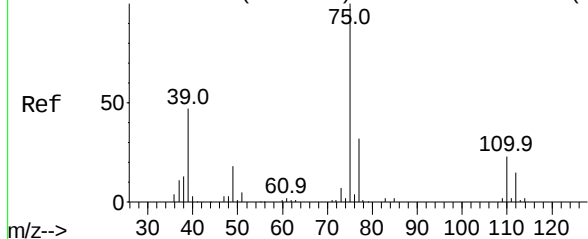
112 0.0 4.3 6.5#



Abundance Scan 1564 (6.069 min): VV024621.D\data.ms (-1504) (-)



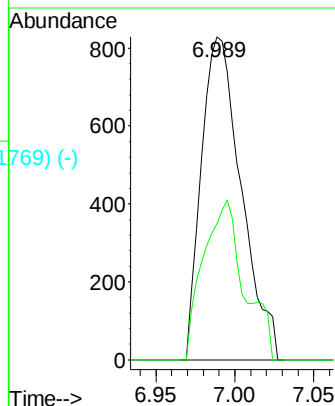
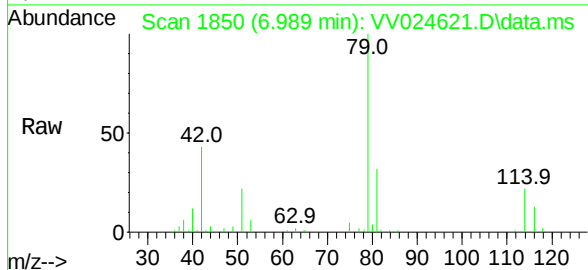
Abundance Scan 1862 (7.027 min): VV024617.D\data.ms (-18429-)



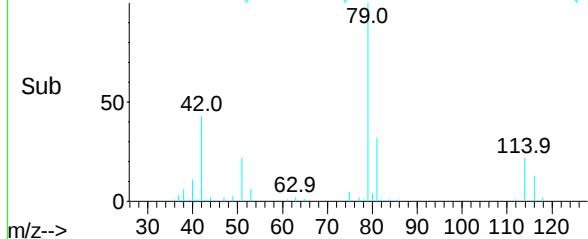
cis-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 6.989 min Scan# 1862
Delta R.T. -0.039 min
Lab File: VV024621.D
Acq: 11 Feb 2022 22:58

Instrument : MSVOA_V
ClientSampleId :

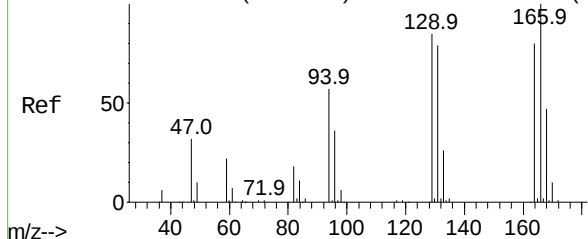
Tgt Ion: 75 Resp: 1455
Ion Ratio Lower Upper
75 100
77 42.1 22.0 41.0#



Abundance Scan 1850 (6.989 min): VV024621.D\data.ms (-1769-)

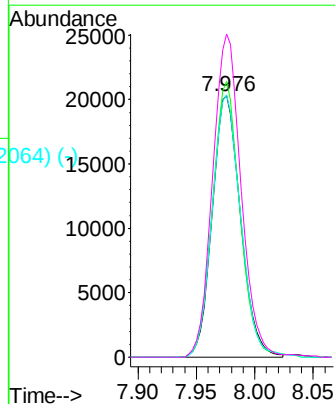
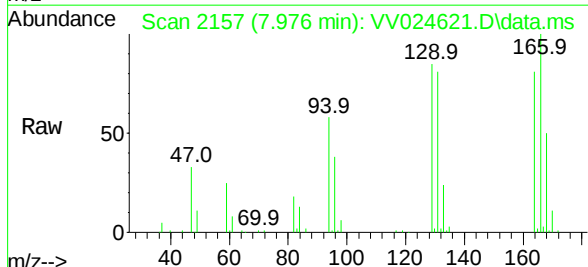


Abundance Scan 2157 (7.976 min): VV024617.D\data.ms (-21447-)

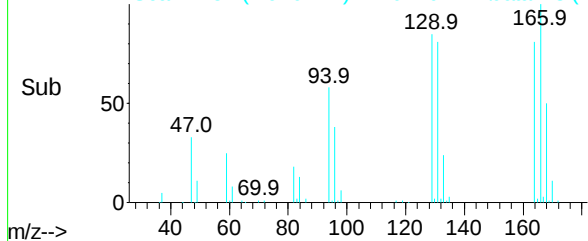


Tetrachloroethene
Concen: 3.957 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV024621.D
Acq: 11 Feb 2022 22:58

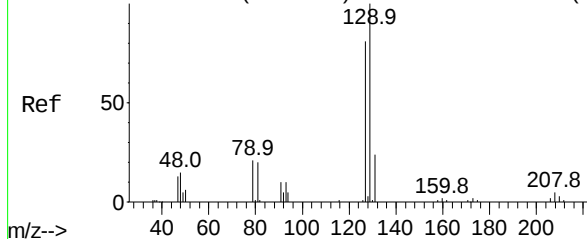
Tgt Ion:164 Resp: 34034
Ion Ratio Lower Upper
164 100
129 105.4 62.6 116.2
131 100.3 61.0 113.4
166 123.6 87.3 162.1



Abundance Scan 2157 (7.976 min): VV024621.D\data.ms (-2064-)



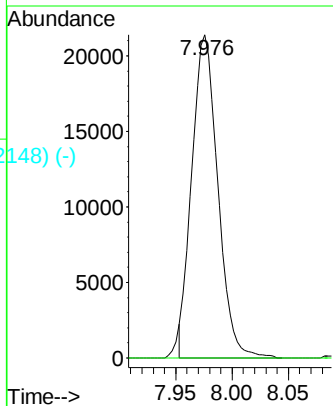
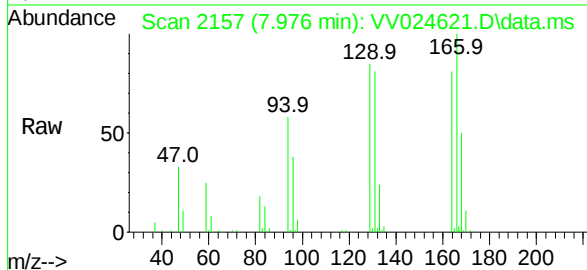
Abundance Scan 2241 (8.246 min): VV024617.D\data.ms (-2249)



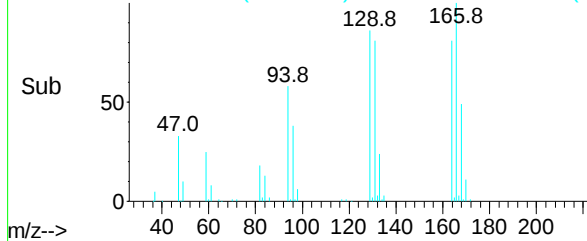
Dibromochloromethane
Concen: 3.839 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.270 min
Lab File: VV024621.D
Acq: 11 Feb 2022 22:58

Instrument :
MSVOA_V
ClientSampleId :

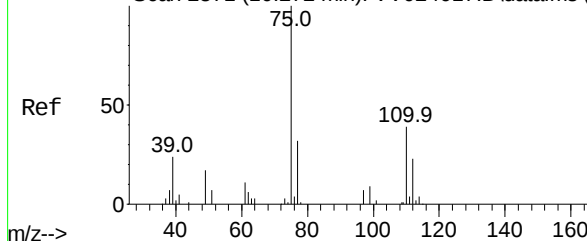
Tgt Ion:129 Resp: 34284
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#



Abundance Scan 2157 (7.976 min): VV024621.D\data.ms (-2148) (-)

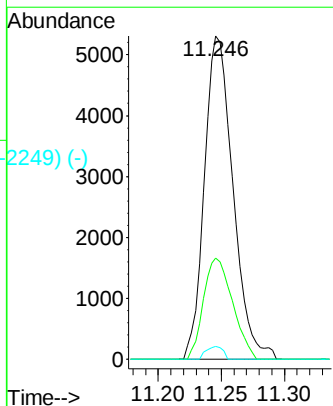
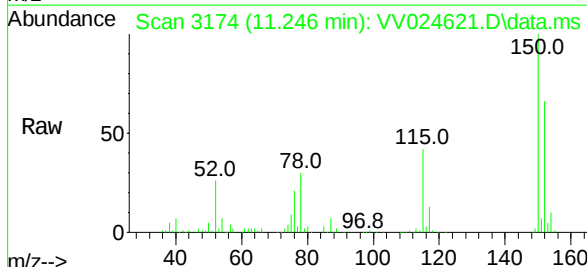


Abundance Scan 2871 (10.272 min): VV024617.D\data.ms (-2861) (-)



1,2,3-Trichloropropane
Concen: 1.412 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV024621.D
Acq: 11 Feb 2022 22:58

Tgt Ion: 75 Resp: 8360
Ion Ratio Lower Upper
75 100
77 31.7 26.4 39.6
110 2.3 34.2 51.2#



Abundance Scan 3174 (11.246 min): VV024621.D\data.ms (-2249) (-)

