

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041322\
 Data File : VV025523.D
 Acq On : 14 Apr 2022 04:05
 Operator : SY/MD
 Sample : N2356-20
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 14 05:25:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 14 05:22:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	130875	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	126576	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	59333	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	63472	5.216	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	104.400%	
7) Chloroethane-d5	1.571	69	56985	4.402	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.000%	
11) 1,1-Dichloroethene-d2	2.114	63	97105	3.984	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	79.600%	
20) 2-Butanone-d5	3.896	46	79000	53.376	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.760%	
24) Chloroform-d	4.352	84	89113	4.847	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.000%	
26) 1,2-Dichloroethane-d4	5.037	65	42363	5.347	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.000%	
32) Benzene-d6	5.053	84	185017	5.052	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.000%	
36) 1,2-Dichloropropane-d6	6.072	67	50558	4.950	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.000%	
41) Toluene-d8	7.317	98	148948	4.383	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.600%	
43) trans-1,3-Dichloroprop...	7.625	79	13664	3.980	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.600%	
46) 2-Hexanone-d5	8.088	63	56122	46.579	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.160%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	30946	4.796	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	48285	4.854	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.000%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.314	62	4915	0.339	ug/L #	74
9) Trichlorofluoromethane	1.995	101	14926	0.732	ug/L	96
12) 1,1-Dichloroethene	2.124	96	7398	0.652	ug/L #	1
18) trans-1,2-Dichloroethene	2.767	96	33929	3.567	ug/L	97
19) 1,1-Dichloroethane	3.201	63	9073	0.563	ug/L	95
22) cis-1,2-Dichloroethene	3.912	96	2254125	225.099	ug/L	93
25) Chloroform	4.381	83	7645	0.450	ug/L	87
29) 1,1,1-Trichloroethane	4.613	97	105058	7.037	ug/L	99
31) Carbon tetrachloride	4.831	117	4676	0.370	ug/L	99
35) Methylcyclohexane	6.072	83	12737	0.804	ug/L #	21
37) 1,2-Dichloropropane	6.072	63	5954	0.688	ug/L #	85
45) 1,1,2-Trichloroethane	7.851	97	775	0.134	ug/L #	73
47) Tetrachloroethene	7.976	164	238329	30.664	ug/L	98
49) Dibromochloromethane	7.973	129	222603	35.006	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	7853	2.010	ug/L #	63

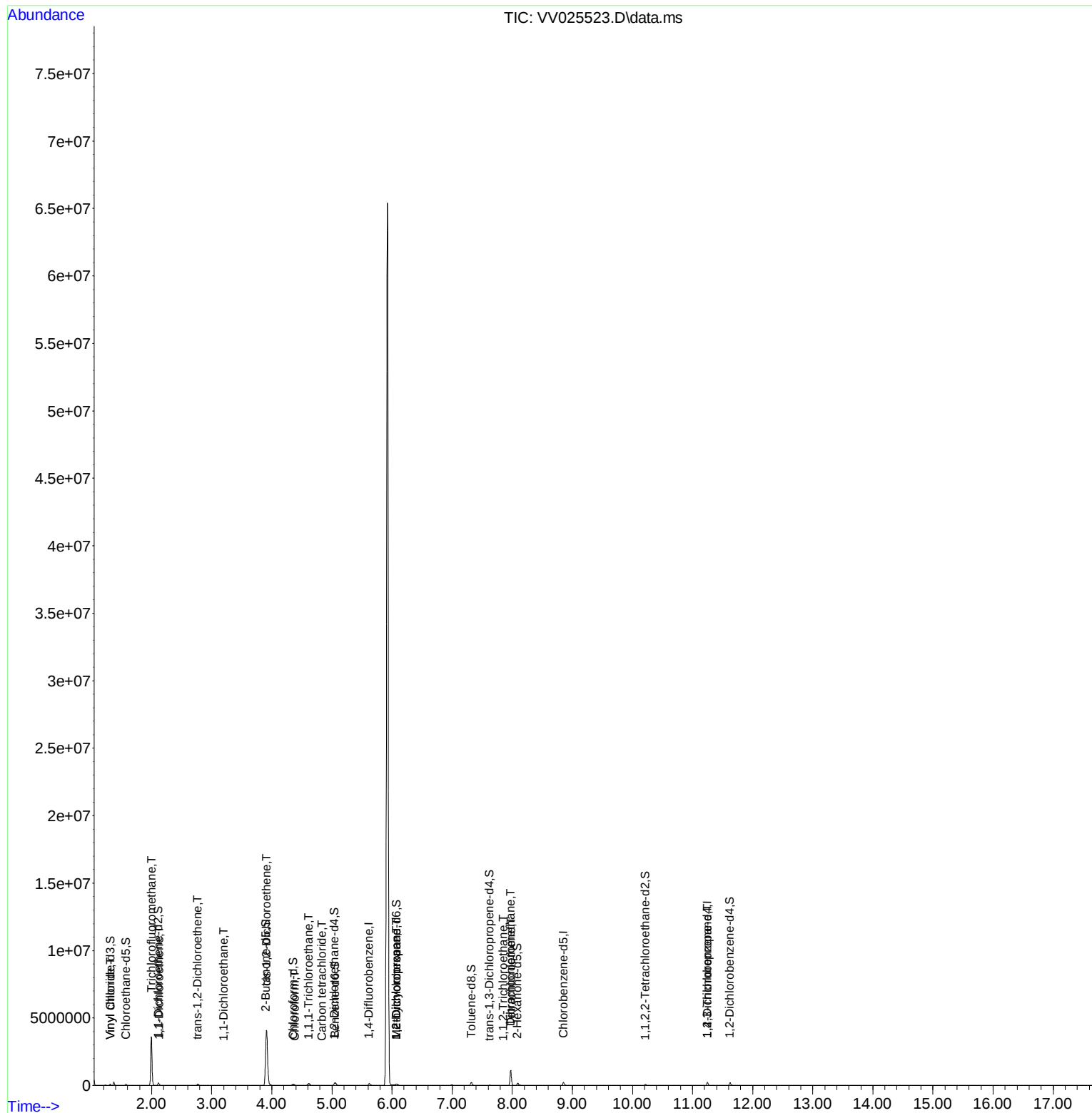
(#) = qualifier out of range (m) = manual integration (+) = signals summed

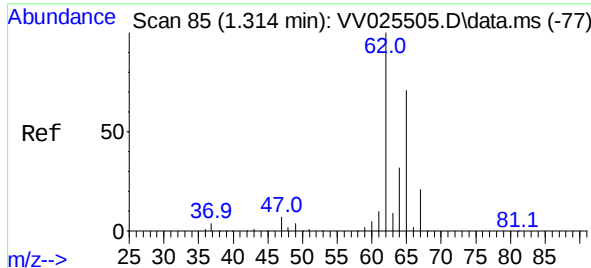
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041322\
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Apr 14 05:22:13 2022
Response via : Initial Calibration





Vinyl chloride

Concen: 0.339 ug/L

RT: 1.314 min Scan# 85

Delta R.T. 0.000 min

Lab File: VV025523.D

Acq: 14 Apr 2022 04:05

Instrument :

MSVOA_V

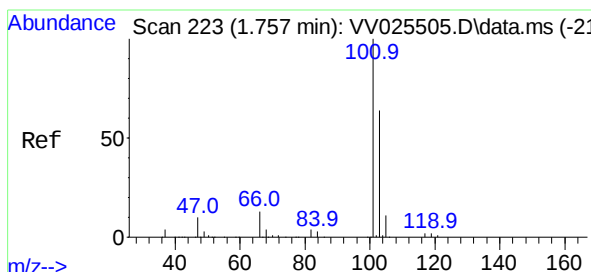
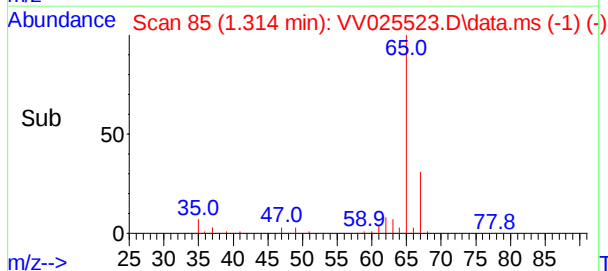
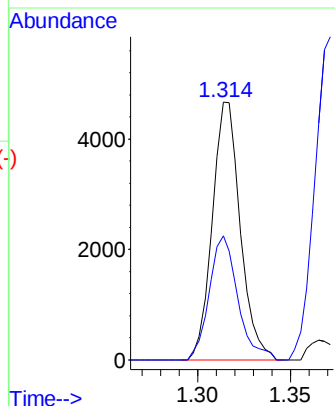
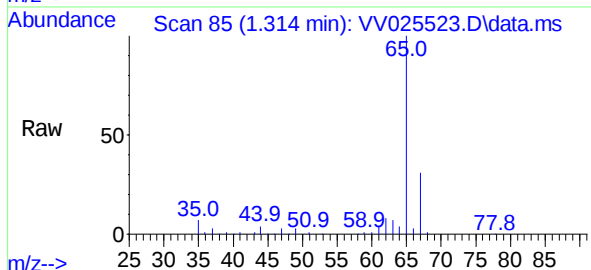
ClientSampleId :

Tgt Ion: 62 Resp: 4915

Ion Ratio Lower Upper

62 100

64 48.1 23.2 43.2#



Trichlorofluoromethane

Concen: 0.732 ug/L

RT: 1.995 min Scan# 297

Delta R.T. 0.238 min

Lab File: VV025523.D

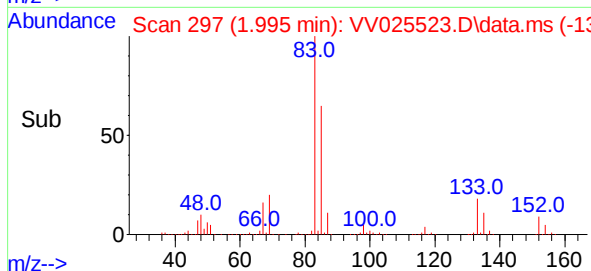
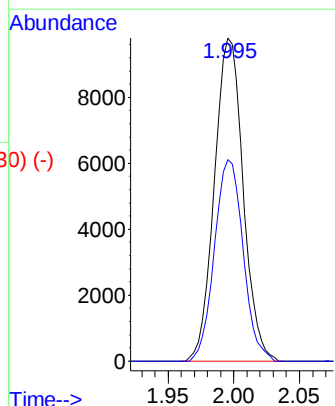
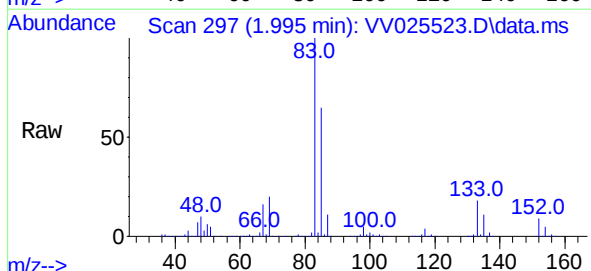
Acq: 14 Apr 2022 04:05

Tgt Ion: 101 Resp: 14926

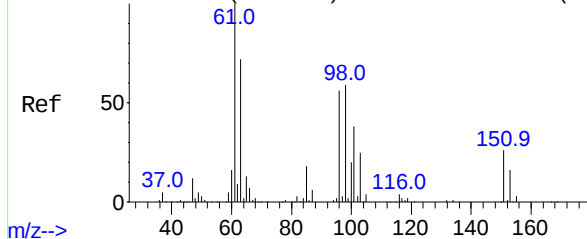
Ion Ratio Lower Upper

101 100

103 62.0 51.9 77.9

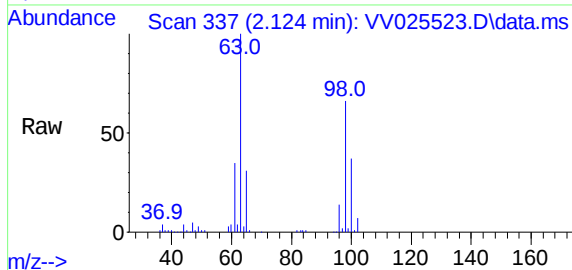


Abundance Scan 337 (2.124 min): VV025505.D\data.ms (-323) #12

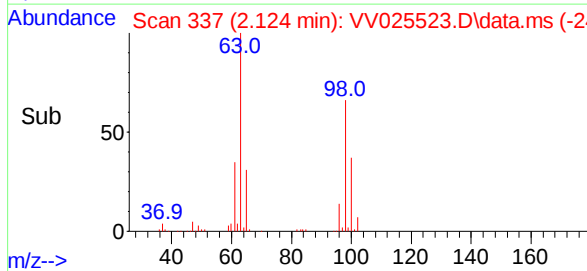
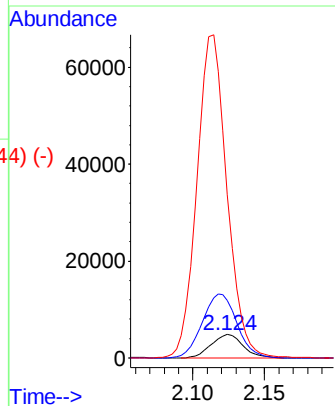


1,1-Dichloroethene
Concen: 0.652 ug/L
RT: 2.124 min Scan# 412
Delta R.T. 0.000 min
Lab File: VV025523.D
Acq: 14 Apr 2022 04:05

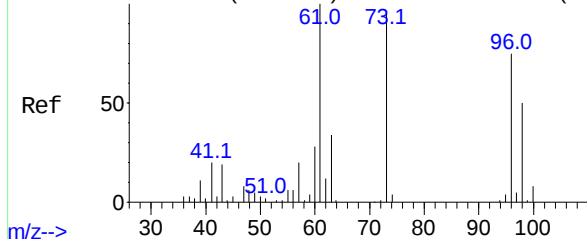
Instrument : MSVOA_V
ClientSampleId :



Tgt Ion:	96	Resp:	7398
Ion	Ratio	Lower	Upper
96	100		
61	244.1	125.2	232.4#
63	694.1	114.4	212.4#

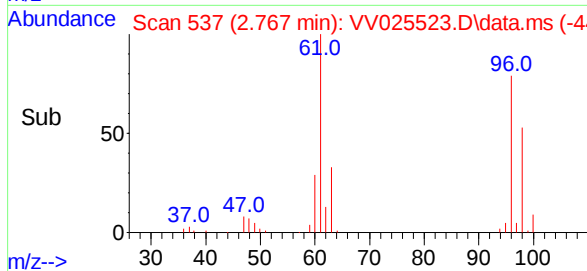
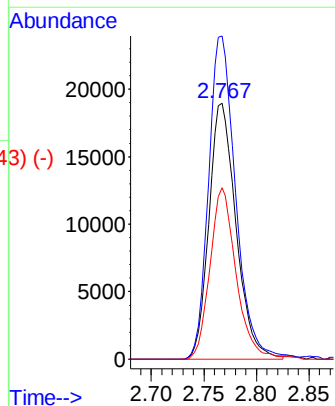
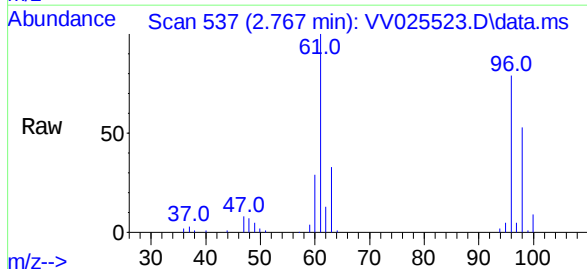


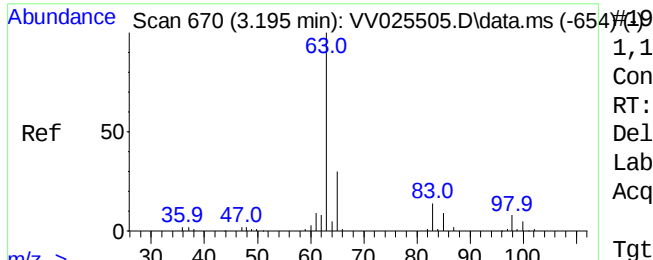
Abundance Scan 536 (2.764 min): VV025505.D\data.ms (-525) #18



trans-1,2-Dichloroethene
Concen: 3.567 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV025523.D
Acq: 14 Apr 2022 04:05

Tgt Ion:	96	Resp:	33929
Ion	Ratio	Lower	Upper
96	100		
61	126.1	92.1	171.1
98	67.0	47.5	88.1





1,1-Dichloroethane

Concen: 0.563 ug/L

RT: 3.201 min Scan#

Delta R.T. 0.006 min

Lab File: VV025523.D

Acq: 14 Apr 2022 04:05

Instrument :

MSVOA_V

ClientSampleId :

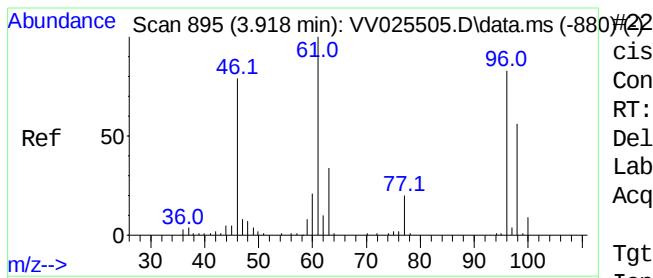
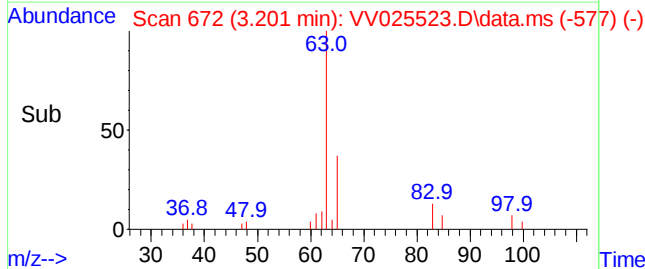
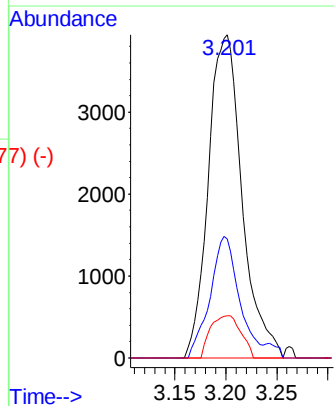
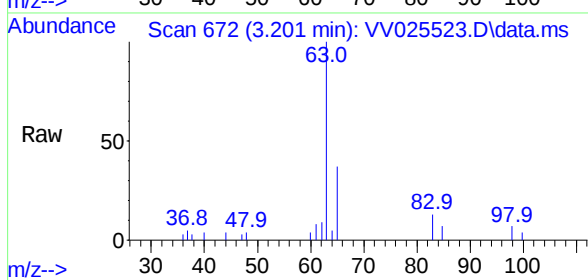
Tgt Ion: 63 Resp: 9073

Ion Ratio Lower Upper

63 100

65 36.9 23.2 43.0

83 13.1 9.0 16.8



cis-1,2-Dichloroethene

Concen: 225.099 ug/L

RT: 3.912 min Scan# 893

Delta R.T. -0.006 min

Lab File: VV025523.D

Acq: 14 Apr 2022 04:05

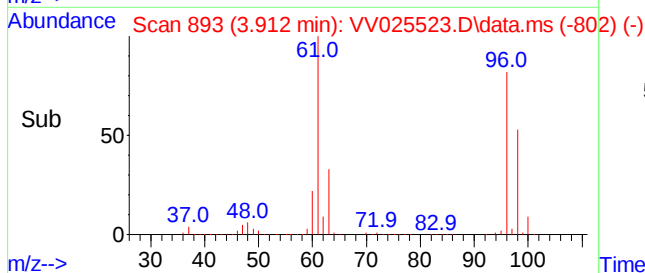
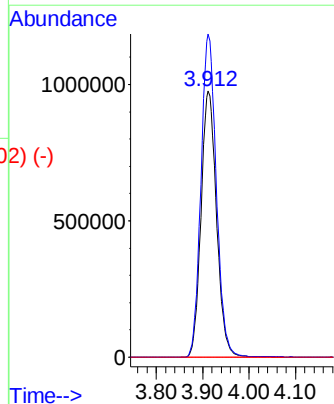
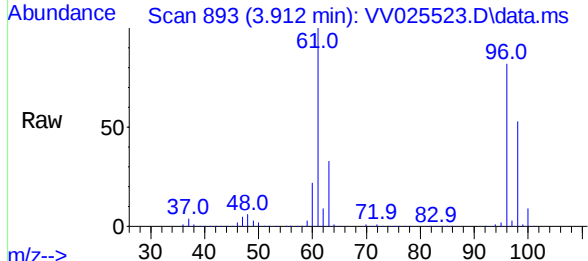
Tgt Ion: 96 Resp: 2254125

Ion Ratio Lower Upper

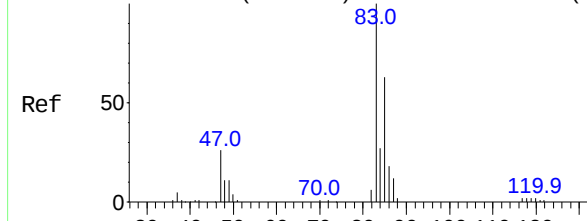
96 100

61 121.3 80.0 148.6

68 0.0 0.0 0.0



Abundance Scan 1038 (4.378 min): VV025505.D\data.ms (-1025)



Chloroform

Concen: 0.450 ug/L

RT: 4.381 min Scan# 1038

Delta R.T. 0.003 min

Lab File: VV025523.D

Acq: 14 Apr 2022 04:05

Instrument :

MSVOA_V

ClientSampleId :

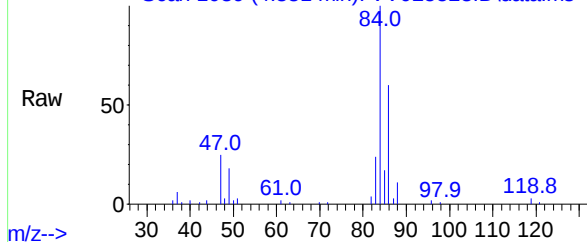
Tgt Ion: 83 Resp: 7645

Ion Ratio Lower Upper

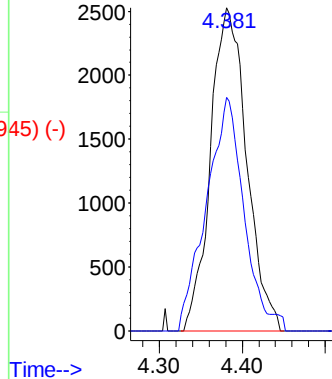
83 100

85 72.2 43.5 80.7

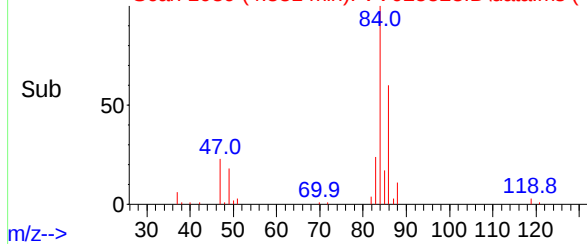
Abundance Scan 1039 (4.381 min): VV025523.D\data.ms



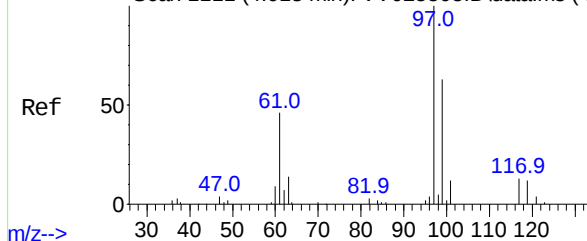
Abundance



Abundance Scan 1039 (4.381 min): VV025523.D\data.ms (-945) (-)



Abundance Scan 1111 (4.613 min): VV025505.D\data.ms (-1099)



1,1,1-Trichloroethane

Concen: 7.037 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. 0.000 min

Lab File: VV025523.D

Acq: 14 Apr 2022 04:05

Tgt Ion: 97 Resp: 105058

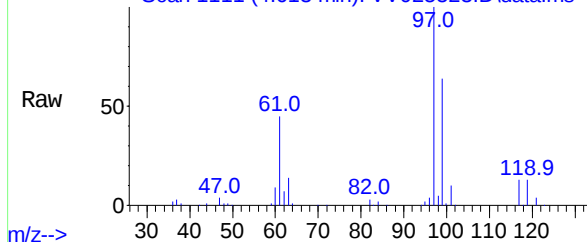
Ion Ratio Lower Upper

97 100

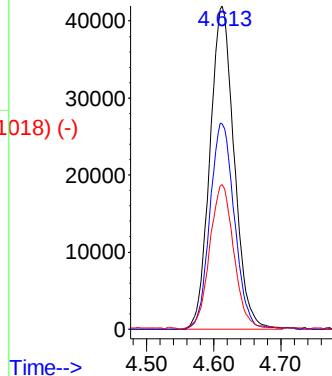
99 64.6 51.5 77.3

61 44.7 34.3 51.5

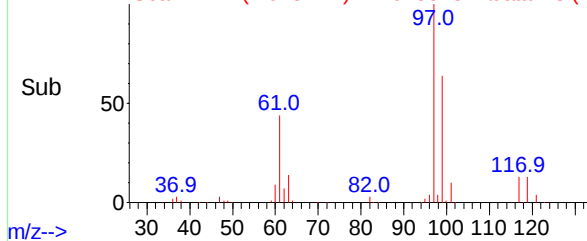
Abundance Scan 1111 (4.613 min): VV025523.D\data.ms



Abundance



Abundance Scan 1111 (4.613 min): VV025523.D\data.ms (-1018) (-)



Abundance Scan 1179 (4.831 min): VV025505.D\data.ms (-11621-)

Carbon tetrachloride

Concen: 0.370 ug/L

RT: 4.831 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VV025523.D

Acq: 14 Apr 2022 04:05

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:117 Resp: 4676

Ion Ratio Lower Upper

117 100

119 96.5 76.6 114.8

m/z-->

Abundance Scan 1179 (4.831 min): VV025523.D\data.ms

Raw

m/z-->

Abundance Scan 1179 (4.831 min): VV025523.D\data.ms (-1086) (-)

Sub

m/z-->

Abundance

4.831

1500

1000

500

0

4.75 4.80 4.85 4.90

Time-->

Abundance Scan 1584 (6.134 min): VV025505.D\data.ms (-15735-)

Methylcyclohexane

Concen: 0.804 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.061 min

Lab File: VV025523.D

Acq: 14 Apr 2022 04:05

Tgt Ion: 83 Resp: 12737

Ion Ratio Lower Upper

83 100

55 0.0 53.7 80.5#

98 0.0 39.6 59.4#

m/z-->

Abundance Scan 1565 (6.072 min): VV025523.D\data.ms

Raw

m/z-->

Abundance Scan 1565 (6.072 min): VV025523.D\data.ms (-1491) (-)

Sub

m/z-->

Abundance

6.072

6000

4000

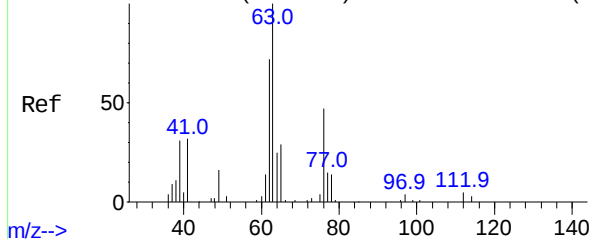
2000

0

6.00 6.05 6.10 6.15

Time-->

Abundance Scan 1597 (6.175 min): VV025505.D\data.ms (-1576)

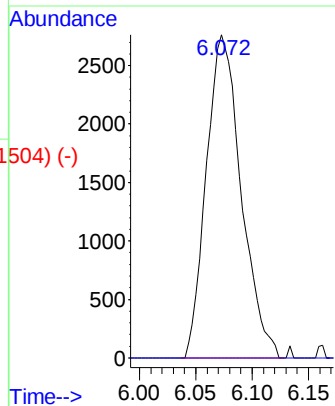
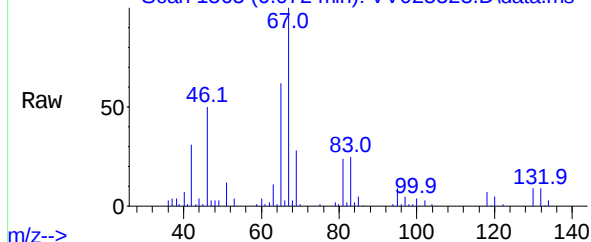


1,2-Dichloropropane
Concen: 0.688 ug/L
RT: 6.072 min Scan# 1597
Delta R.T. -0.103 min
Lab File: VV025523.D
Acq: 14 Apr 2022 04:05

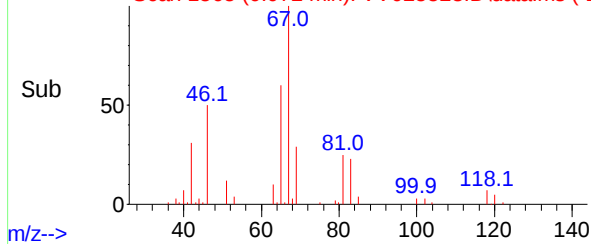
Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 5954
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#

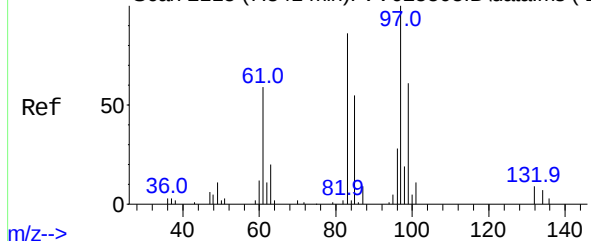
Abundance Scan 1565 (6.072 min): VV025523.D\data.ms



Abundance Scan 1565 (6.072 min): VV025523.D\data.ms (-1504) (-)



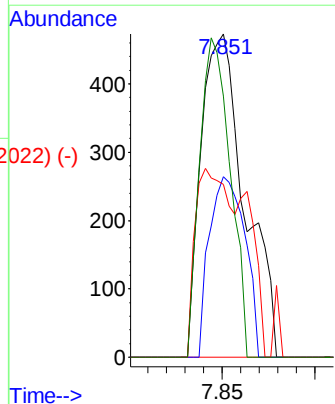
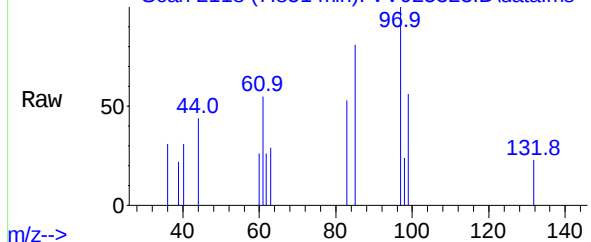
Abundance Scan 2115 (7.841 min): VV025505.D\data.ms (-2103)



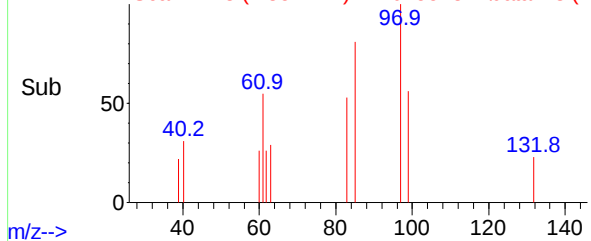
1,1,2-Trichloroethane
Concen: 0.134 ug/L
RT: 7.851 min Scan# 2118
Delta R.T. 0.010 min
Lab File: VV025523.D
Acq: 14 Apr 2022 04:05

Tgt Ion: 97 Resp: 775
Ion Ratio Lower Upper
97 100
99 55.8 43.8 81.4
83 53.5 60.3 112.1#
85 80.8 38.7 71.9#

Abundance Scan 2118 (7.851 min): VV025523.D\data.ms



Abundance Scan 2118 (7.851 min): VV025523.D\data.ms (-2022) (-)



Abundance Scan 2157 (7.976 min): VV025505.D\data.ms (-21457-)

Tetrachloroethene

Concen: 30.664 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

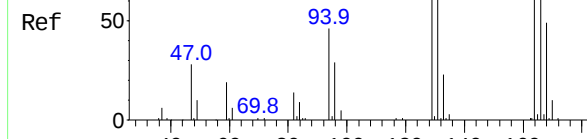
Lab File: VV025523.D

Acq: 14 Apr 2022 04:05

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 238329

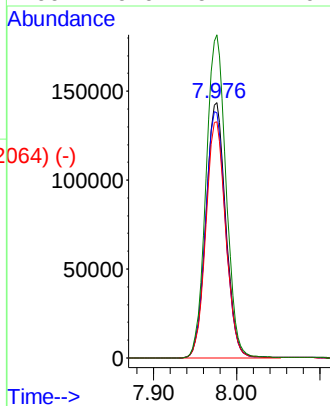
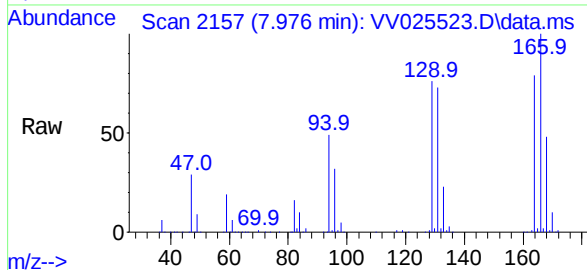
Ion Ratio Lower Upper

164 100

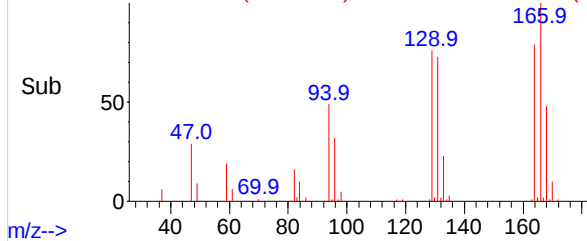
129 96.1 66.8 124.2

131 92.4 66.4 123.4

166 126.6 91.7 170.3



Abundance Scan 2157 (7.976 min): VV025523.D\data.ms (-2064-)



Abundance Scan 2241 (8.246 min): VV025505.D\data.ms (-22249-)

Dibromochloromethane

Concen: 35.006 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.273 min

Lab File: VV025523.D

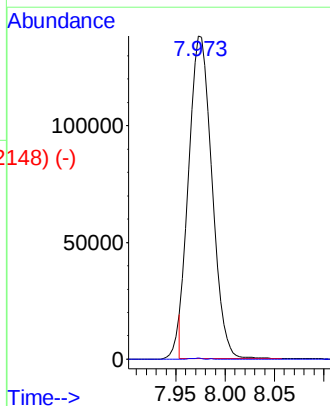
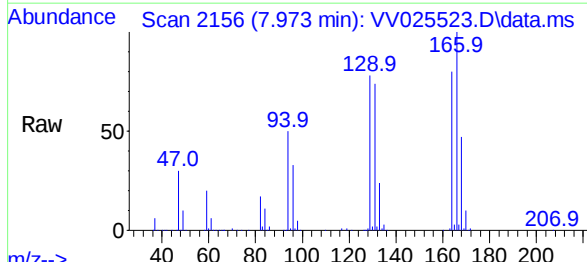
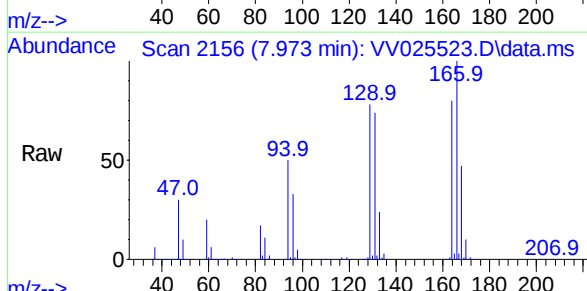
Acq: 14 Apr 2022 04:05

Tgt Ion:129 Resp: 222603

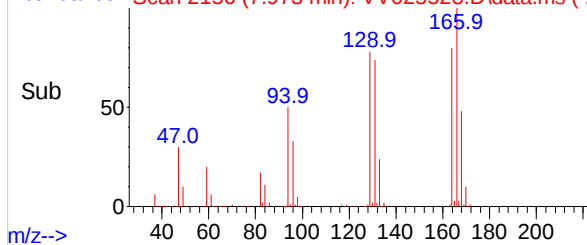
Ion Ratio Lower Upper

129 100

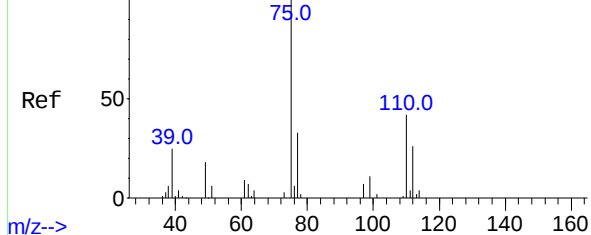
127 0.3 53.8 100.0#



Abundance Scan 2156 (7.973 min): VV025523.D\data.ms (-2148-)



Abundance Scan 2872 (10.275 min): VV025505.D\data.ms (-2860) (-)



1,2,3-Trichloropropane

Concen: 2.010 ug/L

RT: 11.246 min Scan#

Delta R.T. 0.971 min

Lab File: VV025523.D

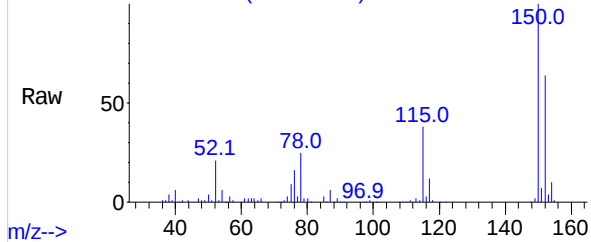
Acq: 14 Apr 2022 04:05

Instrument :

MSVOA_V

ClientSampleId :

Abundance Scan 3174 (11.246 min): VV025523.D\data.ms



Tgt Ion: 75 Resp: 7853

Ion Ratio Lower Upper

75 100

77 32.5 25.6 38.4

110 2.4 34.7 52.1#

Abundance Scan 3174 (11.246 min): VV025523.D\data.ms (-2250) (-)

