

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052121\
 Data File : VU043886.D
 Acq On : 21 May 2021 13:58
 Operator : SY/MD
 Sample : M2475-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB410

Quant Time: May 22 00:53:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 22 00:45:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	205839	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	213161	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	99050	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	54959	3.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.40%
7) Chloroethane-d5	1.919	69	42527	4.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.20%
11) 1,1-Dichloroethene-d2	2.575	65	26730	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.00%
20) 2-Butanone-d5	4.645	46	144265	49.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.98%
24) Chloroform-d	5.073	84	119681	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.713	65	62285	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.735	84	241495	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.700	67	80244	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.906	98	200631	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloroprop...	8.189	79	27677	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.645	63	143138	49.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.24%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	70595	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
66) 1,2-Dichlorobenzene-d4	12.198	152	83682	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.588	96	134663	9.91	ug/L	82
13) Acetone	2.658	43	3558	1.94	ug/L	97
19) 1,1-Dichloroethane	3.880	63	40969	1.59	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	1831	0.12	ug/L	96
25) Chloroform	5.095	83	3867	0.15	ug/L	95
27) 1,2-Dichloroethane	5.803	62	2514	0.16	ug/L #	74
29) 1,1,1-Trichloroethane	5.327	97	254058	11.43	ug/L	98
31) Carbon tetrachloride	5.327	117	36000	1.94	ug/L	97
34) Trichloroethene	6.552	95	6759	0.43	ug/L	93
35) Methylcyclohexane	6.700	83	18404	0.75	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	7730	0.48	ug/L #	88
39) cis-1,3-Dichloropropene	7.574	75	1786	0.08	ug/L #	56
47) Tetrachloroethene	8.558	164	140813	11.01	ug/L	99
48) 2-Hexanone	8.697	43	5829	0.76	ug/L #	86
49) Dibromochloromethane	8.558	129	127193	9.84	ug/L #	11
61) 1,2,3-Trichloropropane	11.819	75	10556	1.12	ug/L #	69

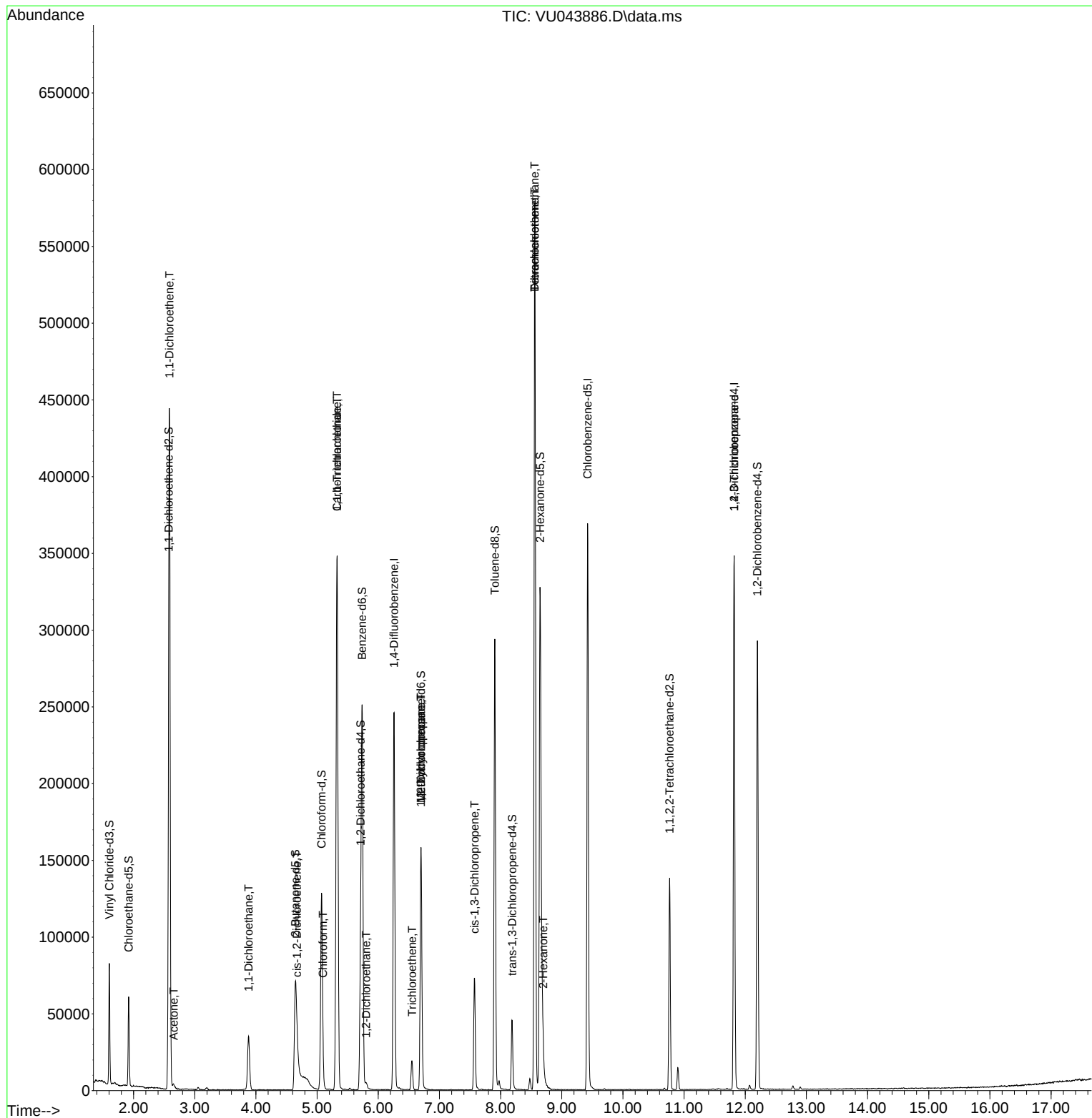
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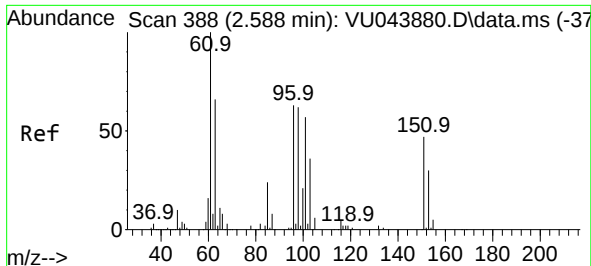
Instrument :
MSVOA_U
ClientSampleId :
GB410

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat May 22 00:45:10 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 9.91 ug/L

RT: 2.588 min Scan# 388

Delta R.T. -0.000 min

Lab File: VU043886.D

Acq: 21 May 2021 13:58

Instrument :

MSVOA_U

ClientSampleId :

GB410

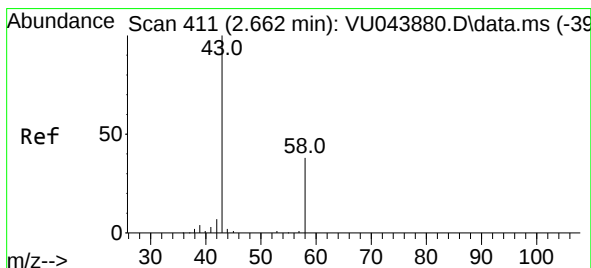
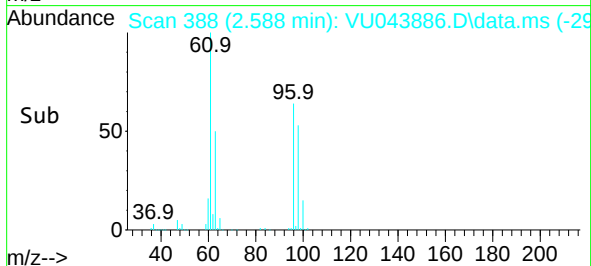
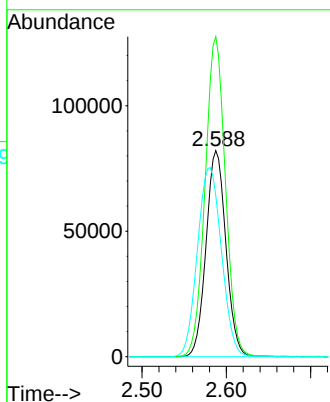
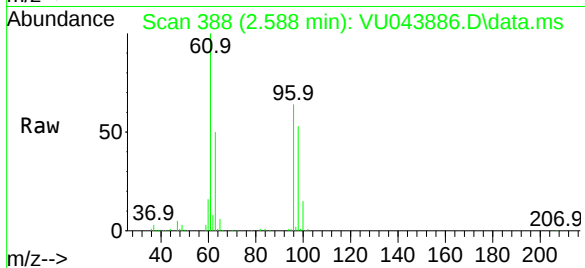
Tgt Ion: 96 Resp: 134663

Ion Ratio Lower Upper

96 100

61 155.3 117.5 218.1

63 78.1 77.3 143.7



#13

Acetone

Concen: 1.94 ug/L

RT: 2.658 min Scan# 410

Delta R.T. -0.003 min

Lab File: VU043886.D

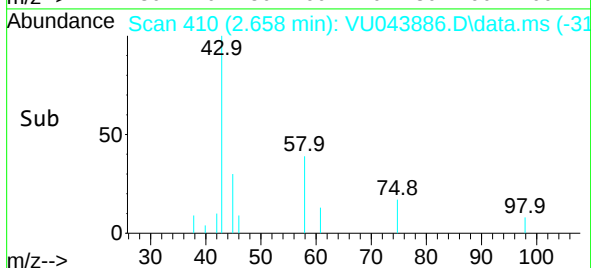
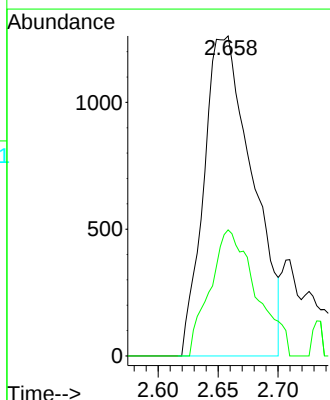
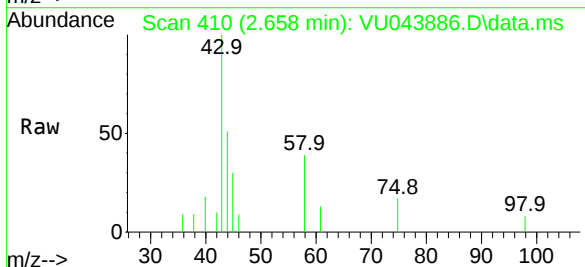
Acq: 21 May 2021 13:58

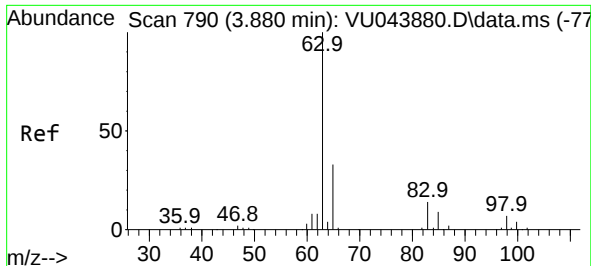
Tgt Ion: 43 Resp: 3558

Ion Ratio Lower Upper

43 100

58 37.4 0.0 71.6





#19

1,1-Dichloroethane

Concen: 1.59 ug/L

RT: 3.880 min Scan# 790

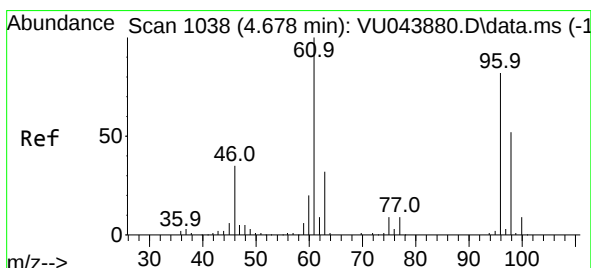
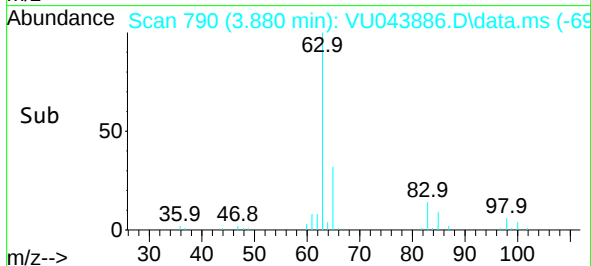
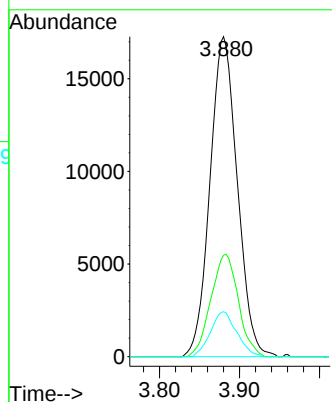
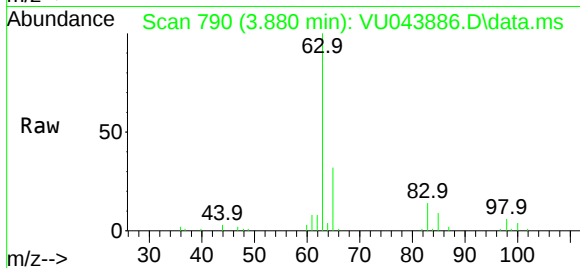
Delta R.T. -0.000 min

Lab File: VU043886.D

Acq: 21 May 2021 13:58

Tgt Ion:	63	Resp:	40969
Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.3	41.3
83	14.1	9.0	16.8

Instrument :
MSVOA_U
ClientSampled :
GB410



#22

cis-1,2-Dichloroethene

Concen: 0.12 ug/L

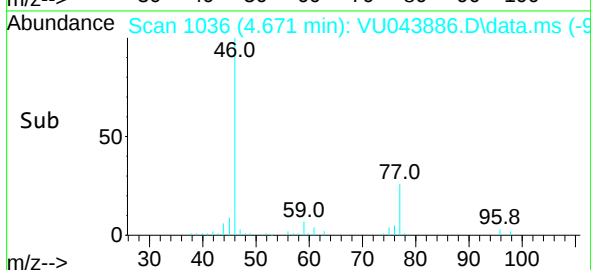
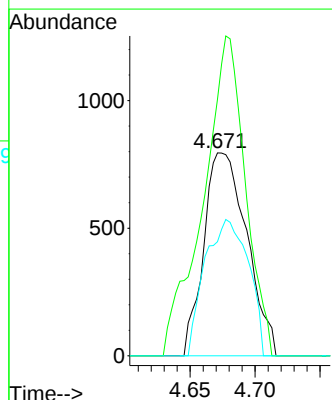
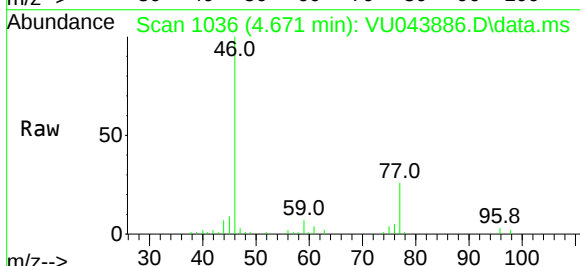
RT: 4.671 min Scan# 1036

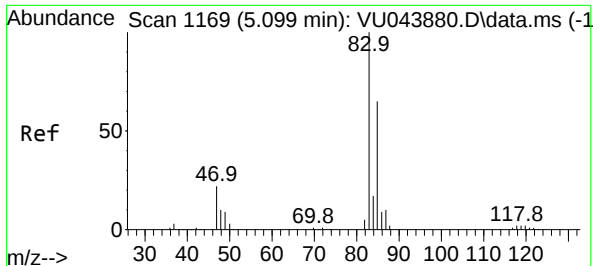
Delta R.T. -0.007 min

Lab File: VU043886.D

Acq: 21 May 2021 13:58

Tgt Ion:	96	Resp:	1831
Ion	Ratio	Lower	Upper
96	100		
61	126.4	89.0	165.4
98	56.2	44.9	83.3



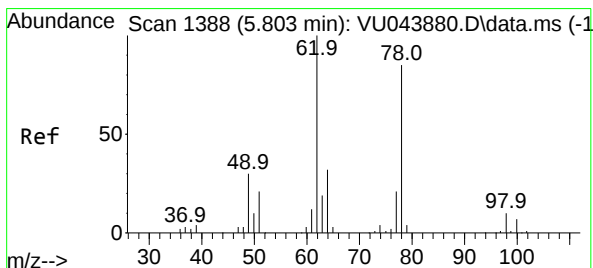
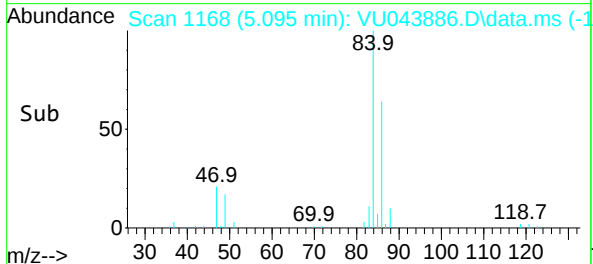
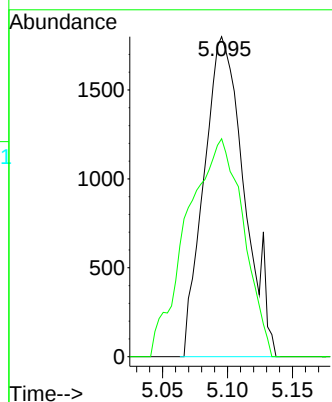
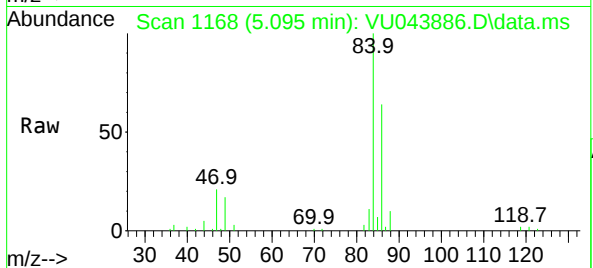


#25

Chloroform
Concen: 0.15 ug/L
RT: 5.095 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU043886.D
Acq: 21 May 2021 13:58

Instrument :
MSVOA_U
ClientSampled :
GB410

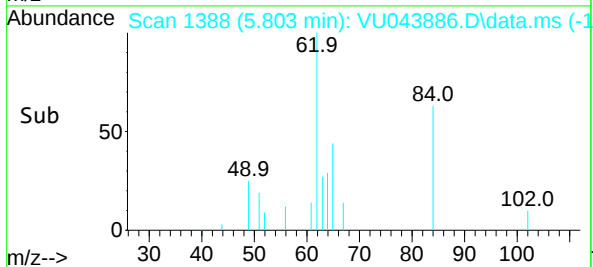
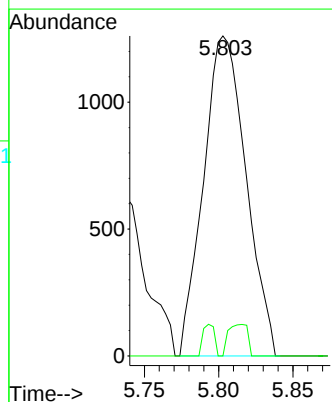
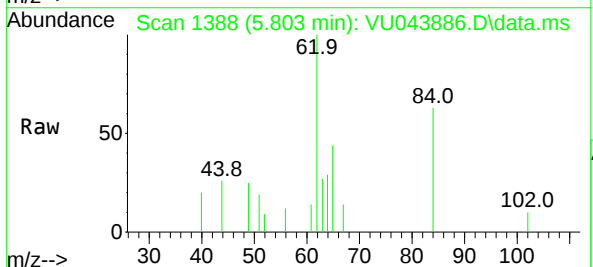
Tgt Ion: 83 Resp: 3867
Ion Ratio Lower Upper
83 100
85 68.1 45.0 83.6

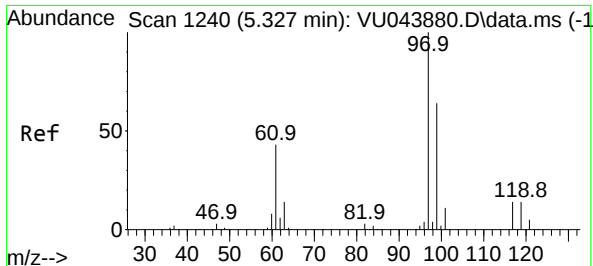


#27

1,2-Dichloroethane
Concen: 0.16 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VU043886.D
Acq: 21 May 2021 13:58

Tgt Ion: 62 Resp: 2514
Ion Ratio Lower Upper
62 100
98 0.0 7.7 11.5#





#29

1,1,1-Trichloroethane

Concen: 11.43 ug/L

RT: 5.327 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VU043886.D

Acq: 21 May 2021 13:58

Tgt Ion: 97 Resp: 254058

Ion Ratio Lower Upper

97 100

99 64.8 51.1 76.7

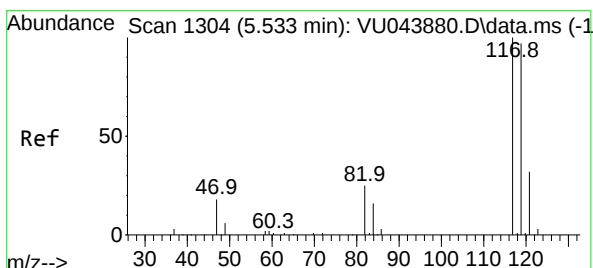
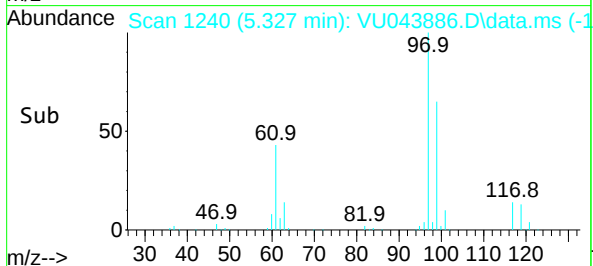
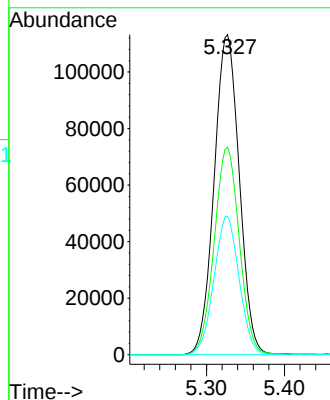
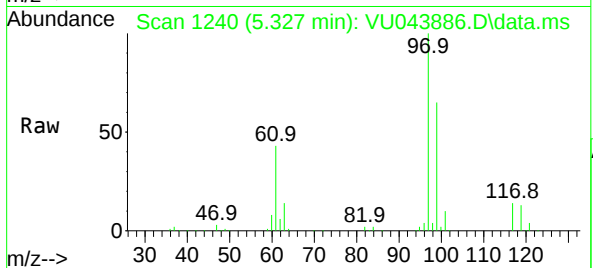
61 43.3 37.0 55.4

Instrument :

MSVOA_U

ClientSampled :

GB410



#31

Carbon tetrachloride

Concen: 1.94 ug/L

RT: 5.327 min Scan# 1240

Delta R.T. -0.206 min

Lab File: VU043886.D

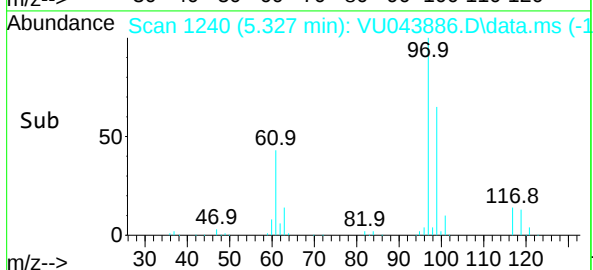
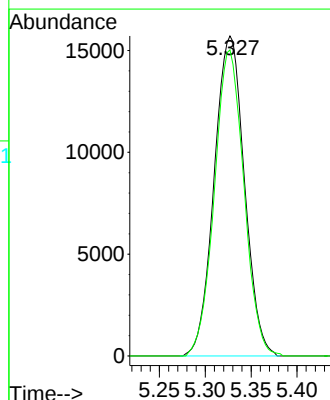
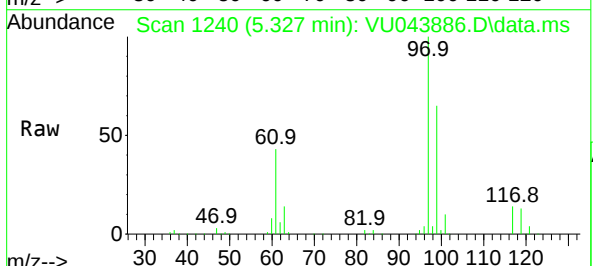
Acq: 21 May 2021 13:58

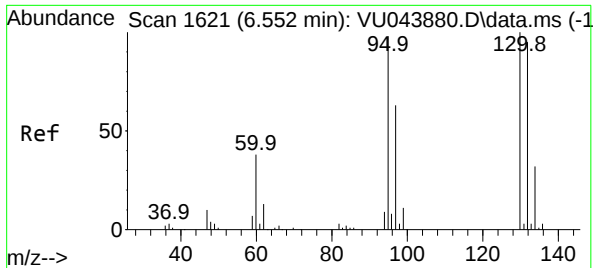
Tgt Ion: 117 Resp: 36000

Ion Ratio Lower Upper

117 100

119 93.3 77.4 116.0



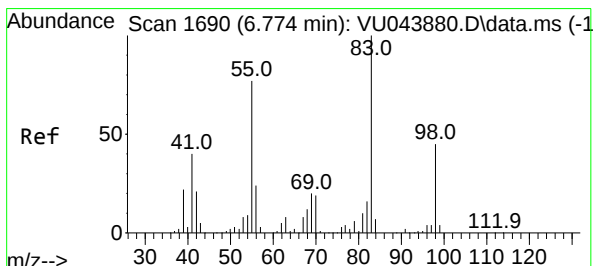
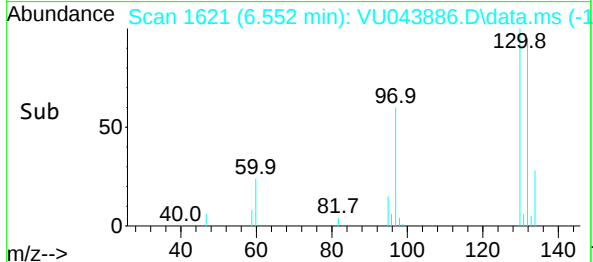
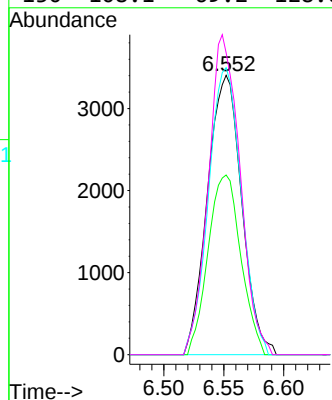
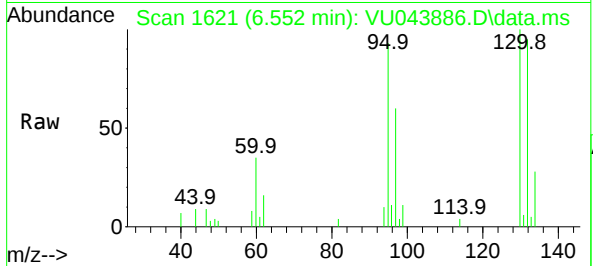


#34
Trichloroethene
Concen: 0.43 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU043886.D
Acq: 21 May 2021 13:58

Instrument :
MSVOA_U
ClientSampled :
GB410

Tgt Ion: 95 Resp: 6759

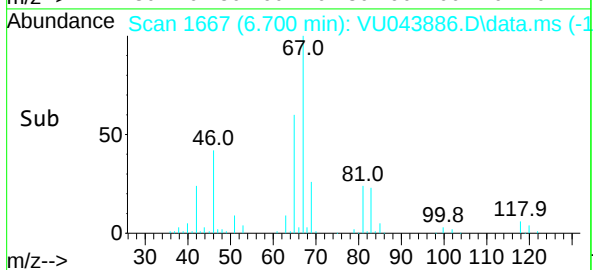
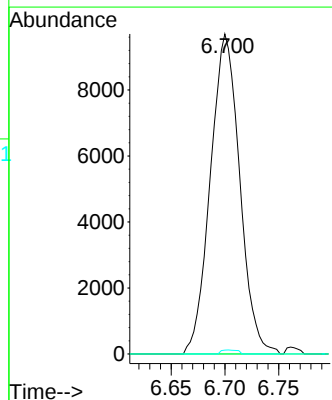
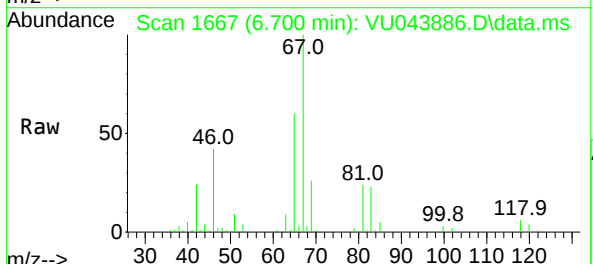
Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.3	82.3
132	102.8	66.0	122.6
130	108.1	69.2	128.6

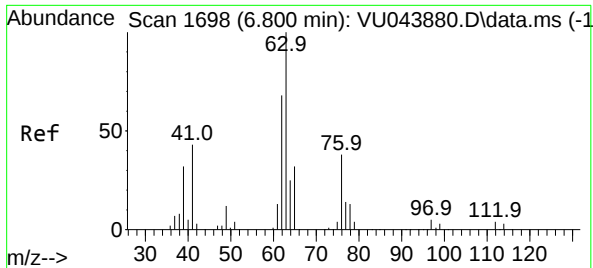


#35
Methylcyclohexane
Concen: 0.75 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043886.D
Acq: 21 May 2021 13:58

Tgt Ion: 83 Resp: 18404

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.8	97.2#
98	0.7	35.9	53.9#

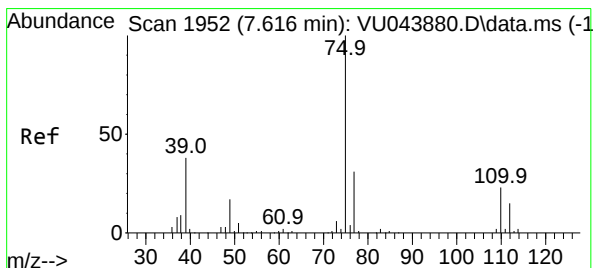
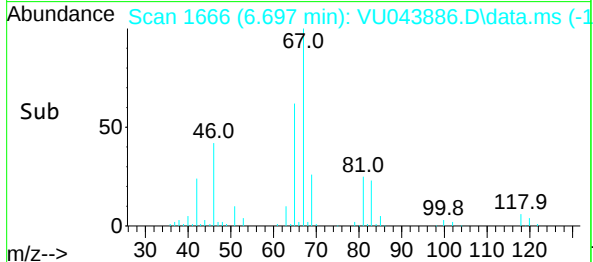
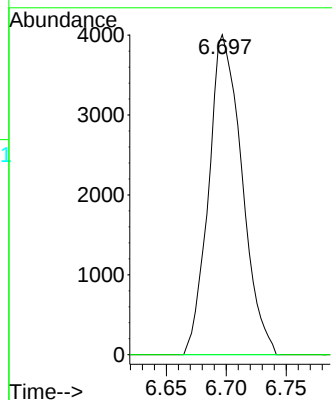
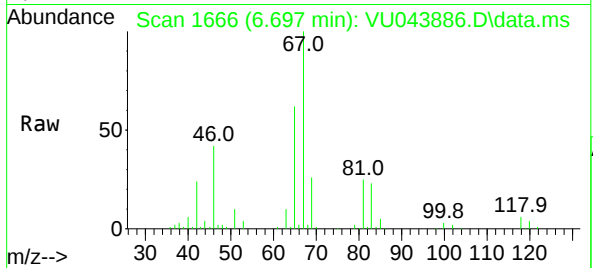




#37
1,2-Dichloropropane
Concen: 0.48 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU043886.D
Acq: 21 May 2021 13:58

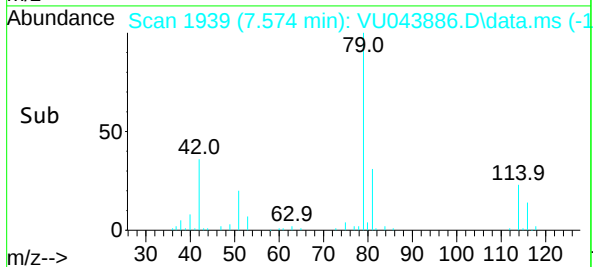
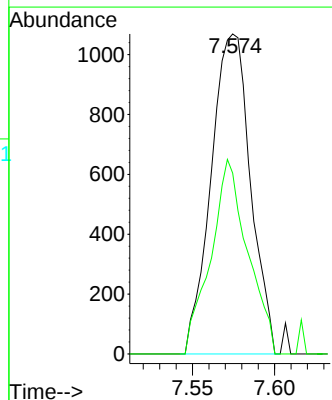
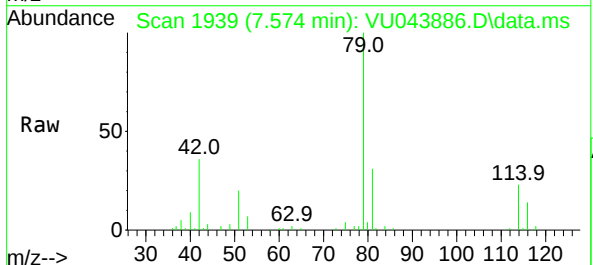
Instrument :
MSVOA_U
ClientSampled :
GB410

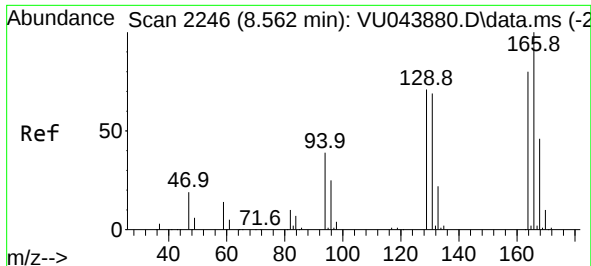
Tgt Ion: 63 Resp: 7730
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#39
cis-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043886.D
Acq: 21 May 2021 13:58

Tgt Ion: 75 Resp: 1786
Ion Ratio Lower Upper
75 100
77 56.5 22.5 41.7#

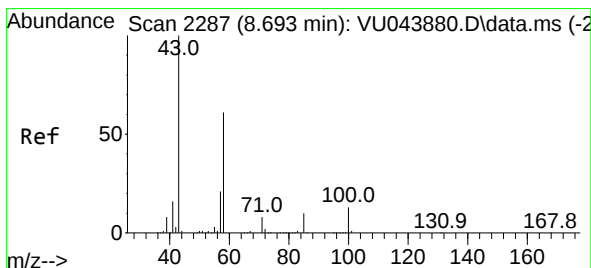
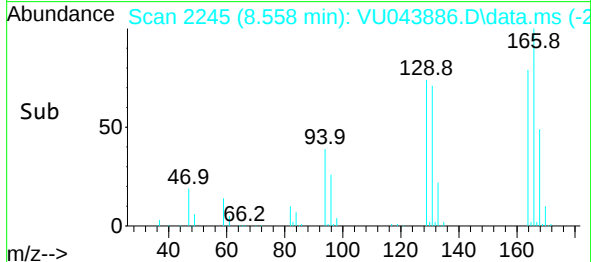
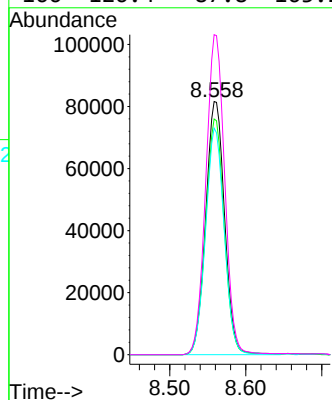
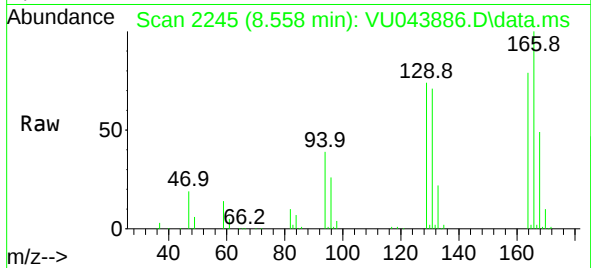




#47
Tetrachloroethene
Concen: 11.01 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU043886.D
Acq: 21 May 2021 13:58

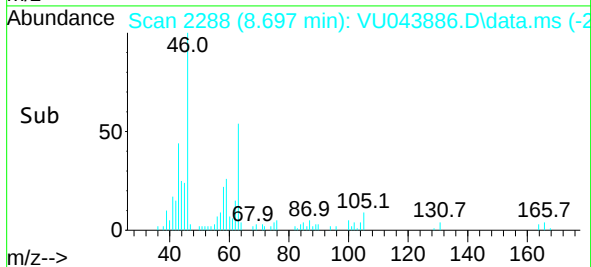
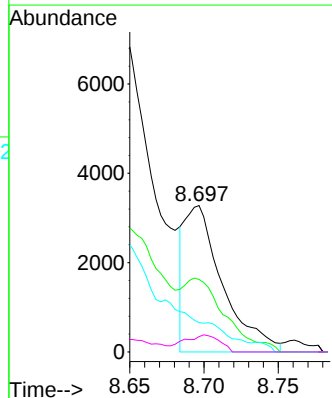
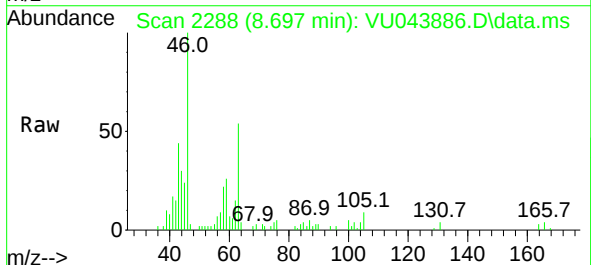
Instrument :
MSVOA_U
ClientSampleId :
GB410

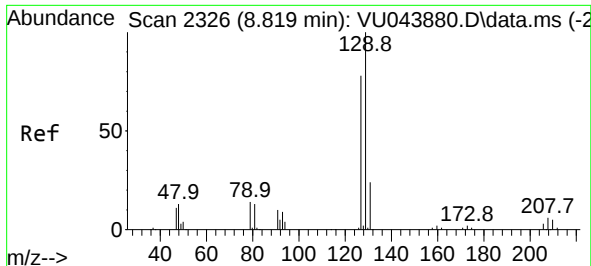
Tgt Ion:164 Resp: 140813
Ion Ratio Lower Upper
164 100
129 93.1 64.1 119.1
131 89.5 61.2 113.8
166 126.4 87.8 163.2



#48
2-Hexanone
Concen: 0.76 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.003 min
Lab File: VU043886.D
Acq: 21 May 2021 13:58

Tgt Ion: 43 Resp: 5829
Ion Ratio Lower Upper
43 100
58 54.1 47.0 70.4
57 0.0 15.8 23.8#
100 10.8 9.0 13.4

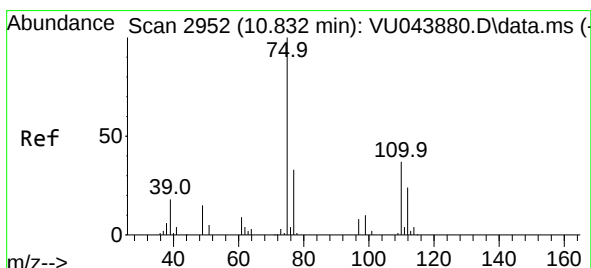
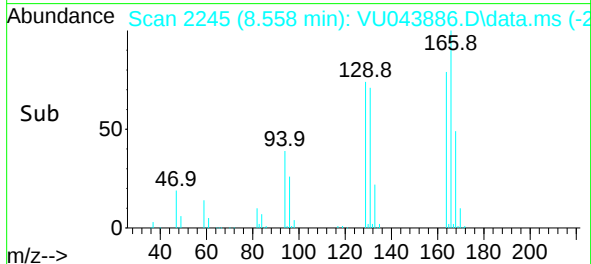
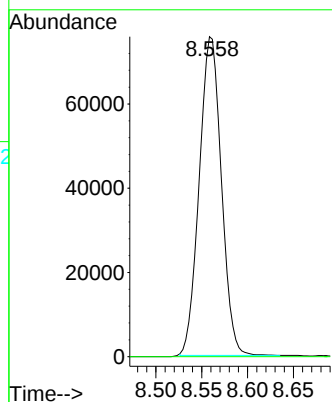
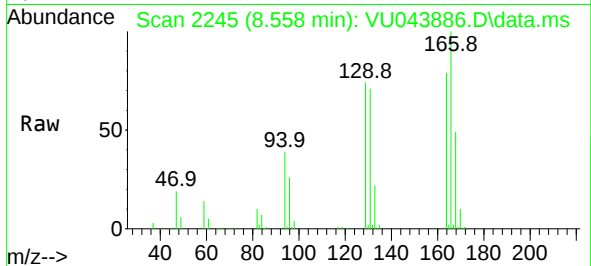




#49
Dibromochloromethane
Concen: 9.84 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.261 min
Lab File: VU043886.D
Acq: 21 May 2021 13:58

Instrument :
MSVOA_U
ClientSampleId :
GB410

Tgt Ion:129 Resp: 127193
Ion Ratio Lower Upper
129 100
127 0.0 53.4 99.2#



#61
1,2,3-Trichloropropane
Concen: 1.12 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU043886.D
Acq: 21 May 2021 13:58

Tgt Ion: 75 Resp: 10556
Ion Ratio Lower Upper
75 100
110 1.2 27.9 41.9#
77 31.6 25.9 38.9

