

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052121\
 Data File : VU043882.D
 Acq On : 21 May 2021 12:23
 Operator : SY/MD
 Sample : M2475-07DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB406DL

Quant Time: May 22 00:52:13 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)

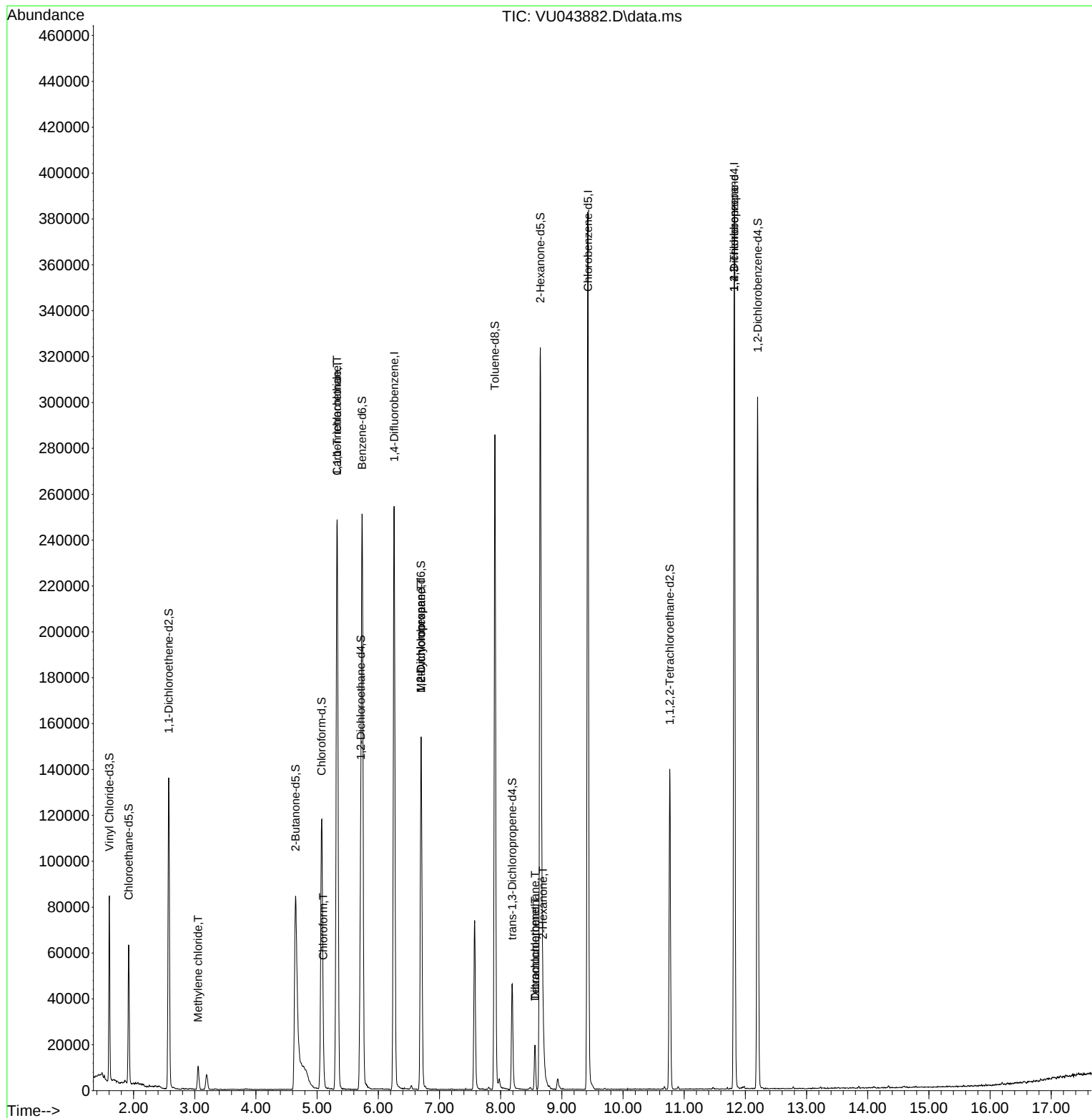
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	210556	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	227075	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	108526	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	56102	3.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.20%
7) Chloroethane-d5	1.919	69	44124	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.40%
11) 1,1-Dichloroethene-d2	2.575	65	25305	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.60%
20) 2-Butanone-d5	4.649	46	147083	49.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.64%
24) Chloroform-d	5.073	84	111652	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.713	65	63270	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.735	84	236218	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.00%
36) 1,2-Dichloropropane-d6	6.700	67	78326	4.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.20%
41) Toluene-d8	7.906	98	193383	3.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.60%
43) trans-1,3-Dichloroprop...	8.189	79	28193	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
46) 2-Hexanone-d5	8.649	63	136118	44.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.60%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	71030	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	85599	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.054	84	5110	0.25	ug/L	96
25) Chloroform	5.099	83	8714	0.33	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	183225	7.74	ug/L	98
31) Carbon tetrachloride	5.327	117	25458	1.29	ug/L	98
35) Methylcyclohexane	6.700	83	17862	0.68	ug/L #	17
37) 1,2-Dichloropropane	6.700	63	7666	0.45	ug/L #	88
47) Tetrachloroethene	8.562	164	4609	0.34	ug/L	93
48) 2-Hexanone	8.690	43	6821	0.84	ug/L #	76
49) Dibromochloromethane	8.562	129	4066	0.30	ug/L #	11
61) 1,2,3-Trichloropropane	11.819	75	11117	1.07	ug/L #	70

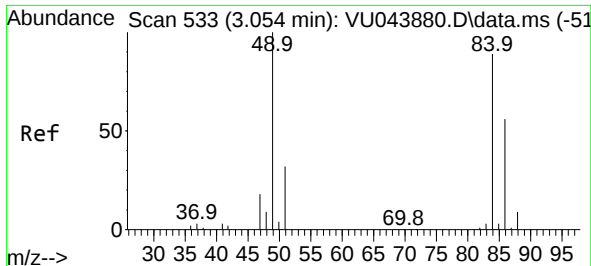
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

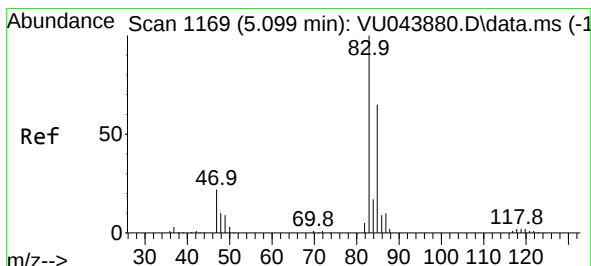
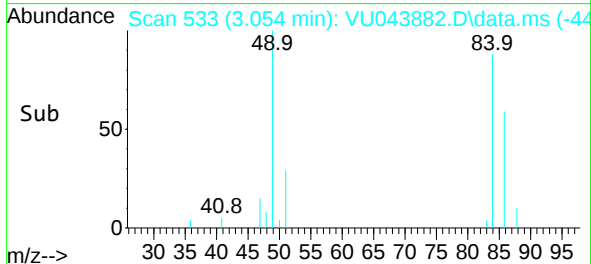
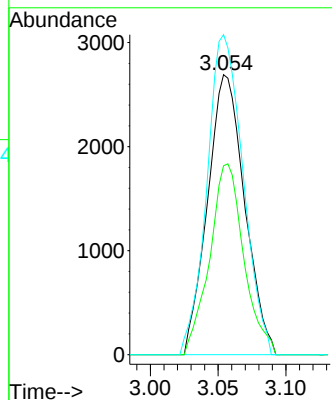
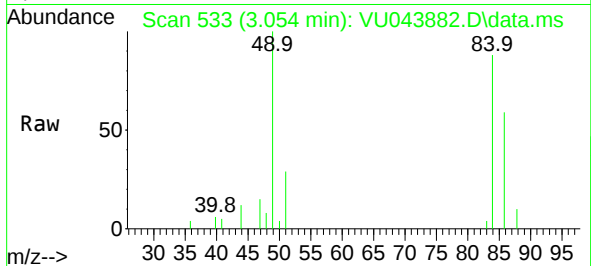




#16
Methylene chloride
Concen: 0.25 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043882.D
Acq: 21 May 2021 12:23

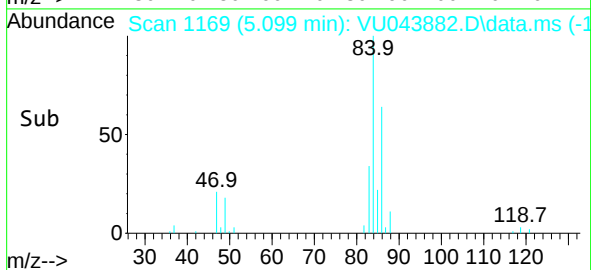
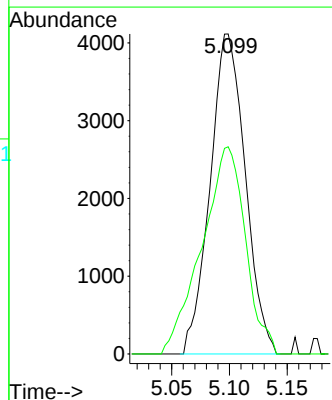
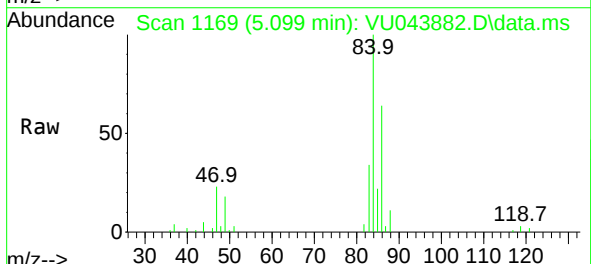
Instrument :
MSVOA_U
ClientSampleId :
GB406DL

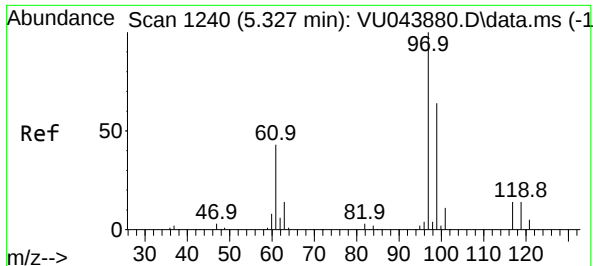
Tgt Ion: 84 Resp: 5110
Ion Ratio Lower Upper
84 100
86 67.5 44.7 82.9
49 114.3 83.1 154.3



#25
Chloroform
Concen: 0.33 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043882.D
Acq: 21 May 2021 12:23

Tgt Ion: 83 Resp: 8714
Ion Ratio Lower Upper
83 100
85 64.7 45.0 83.6





#29

1,1,1-Trichloroethane

Concen: 7.74 ug/L

RT: 5.327 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VU043882.D

Acq: 21 May 2021 12:23

Tgt Ion: 97 Resp: 183225

Ion Ratio Lower Upper

97 100

99 64.2 51.1 76.7

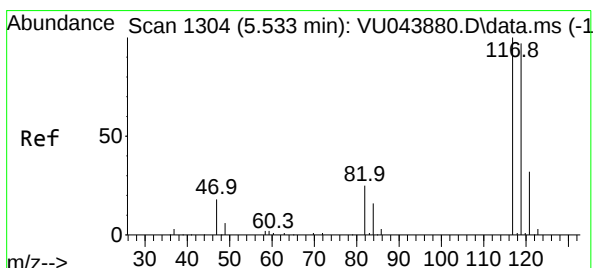
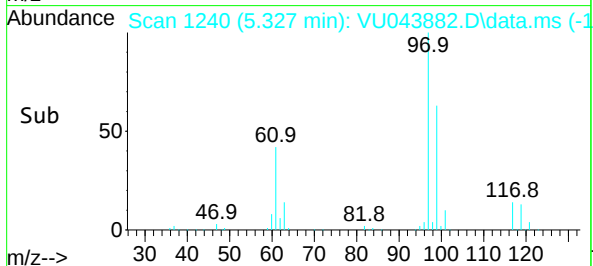
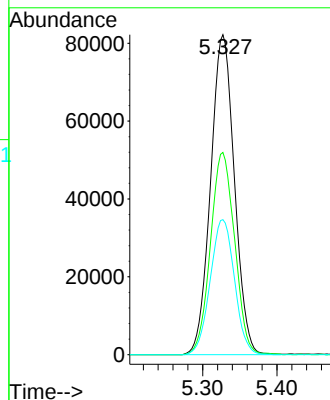
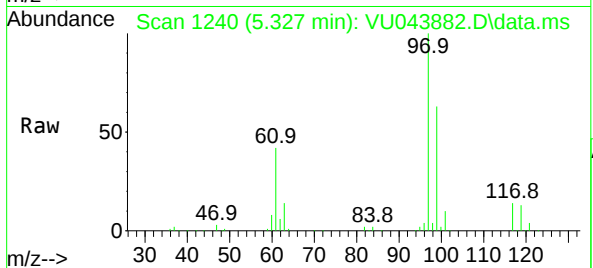
61 43.0 37.0 55.4

Instrument :

MSVOA_U

ClientSampled :

GB406DL



#31

Carbon tetrachloride

Concen: 1.29 ug/L

RT: 5.327 min Scan# 1240

Delta R.T. -0.206 min

Lab File: VU043882.D

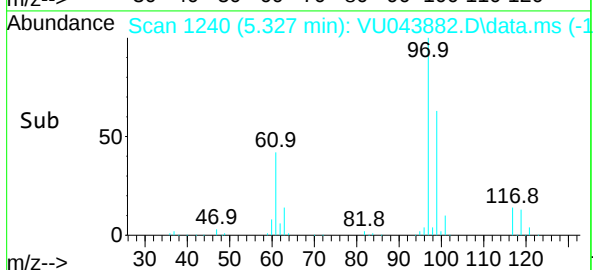
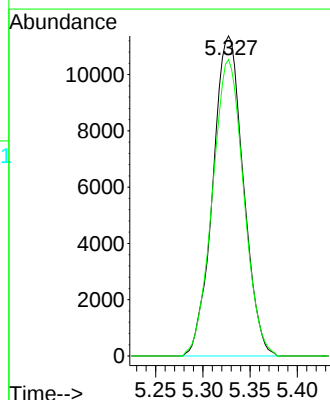
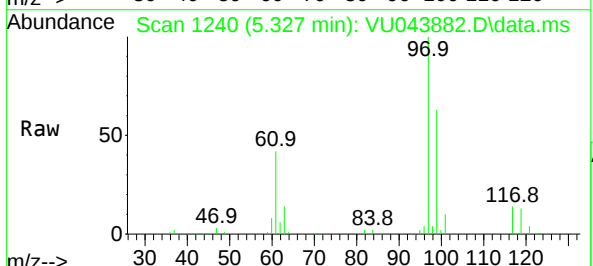
Acq: 21 May 2021 12:23

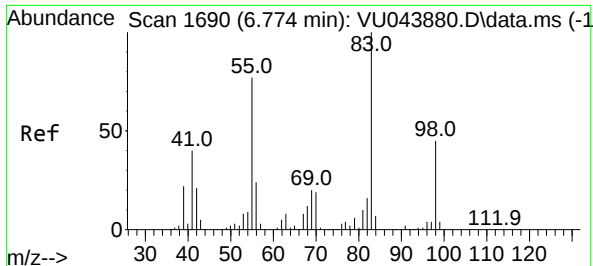
Tgt Ion: 117 Resp: 25458

Ion Ratio Lower Upper

117 100

119 95.2 77.4 116.0





#35

Methylcyclohexane

Concen: 0.68 ug/L

RT: 6.700 min Scan# 1667

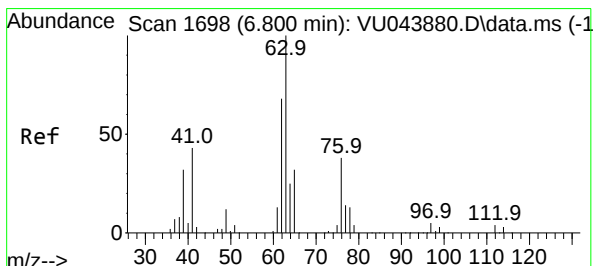
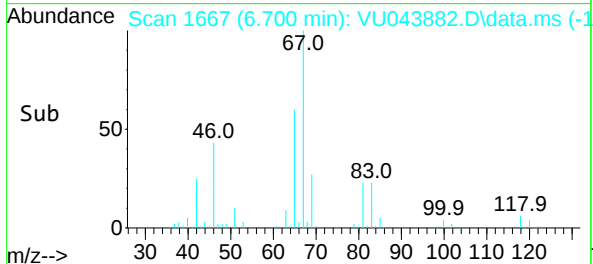
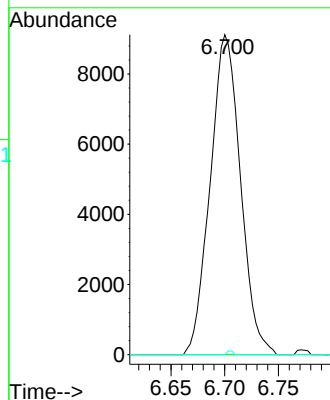
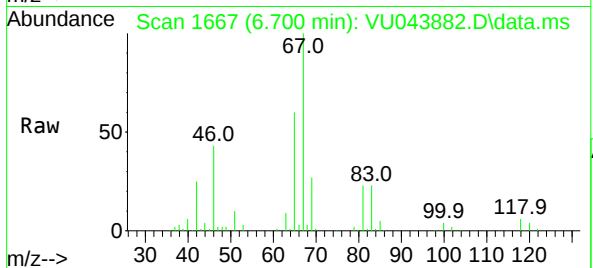
Delta R.T. -0.074 min

Lab File: VU043882.D

Acq: 21 May 2021 12:23

Tgt Ion:	83	Resp:	17862
Ion Ratio	Lower	Upper	
83	100		
55	0.0	64.8	97.2#
98	0.2	35.9	53.9#

Instrument :
MSVOA_U
ClientSampled :
GB406DL



#37

1,2-Dichloropropane

Concen: 0.45 ug/L

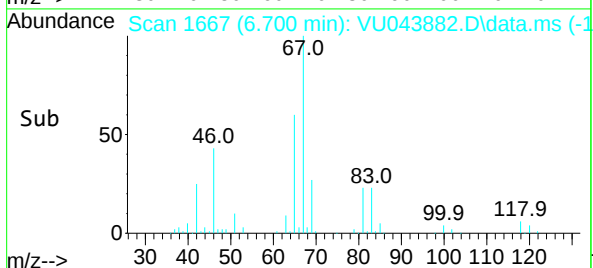
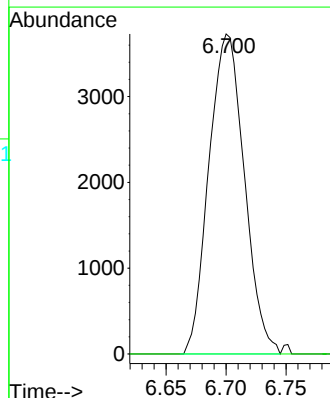
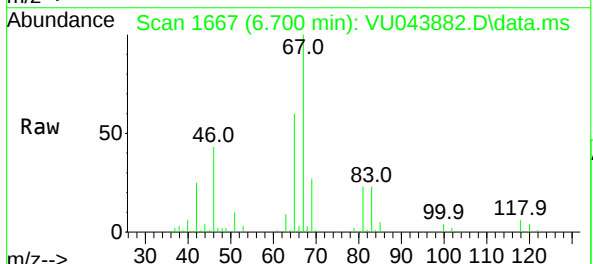
RT: 6.700 min Scan# 1667

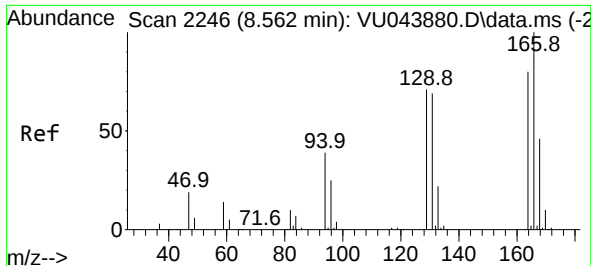
Delta R.T. -0.100 min

Lab File: VU043882.D

Acq: 21 May 2021 12:23

Tgt Ion:	63	Resp:	7666
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.3	4.9#



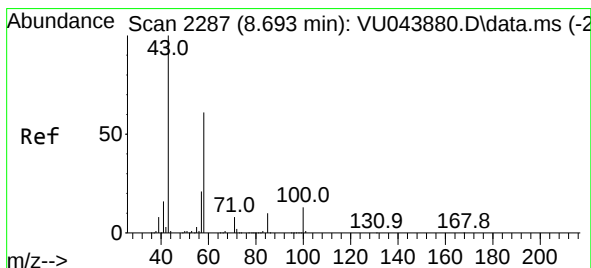
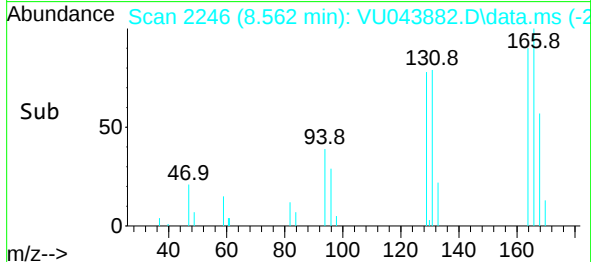
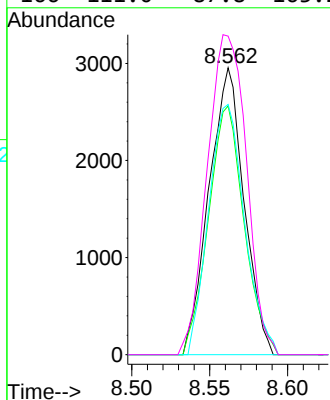
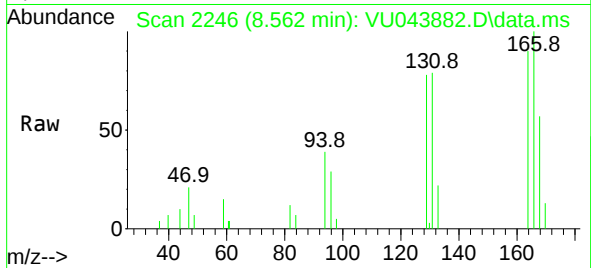


#47
Tetrachloroethene
Concen: 0.34 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043882.D
Acq: 21 May 2021 12:23

Instrument :
MSVOA_U
ClientSampled :
GB406DL

Tgt Ion:164 Resp: 4609

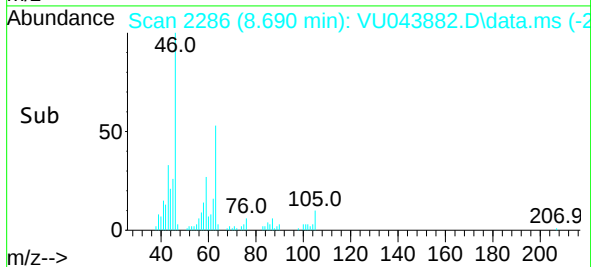
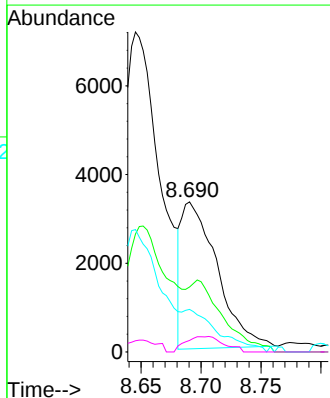
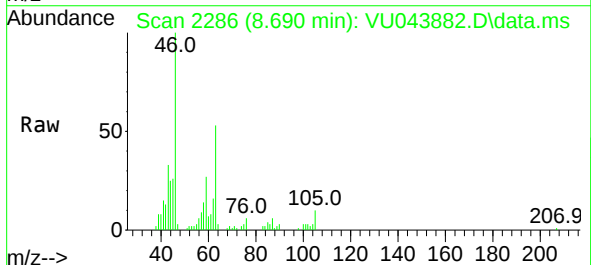
Ion	Ratio	Lower	Upper
164	100		
129	86.7	64.1	119.1
131	87.2	61.2	113.8
166	111.0	87.8	163.2

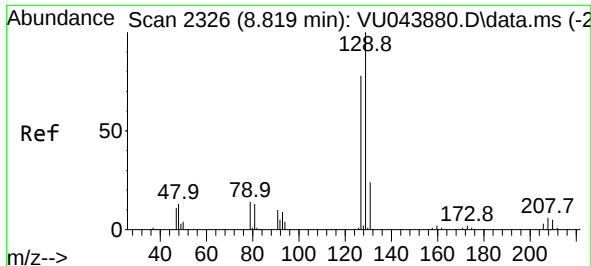


#48
2-Hexanone
Concen: 0.84 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.003 min
Lab File: VU043882.D
Acq: 21 May 2021 12:23

Tgt Ion: 43 Resp: 6821

Ion	Ratio	Lower	Upper
43	100		
58	42.1	47.0	70.4#
57	0.0	15.8	23.8#
100	11.2	9.0	13.4





#49

Dibromochloromethane

Concen: 0.30 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. -0.257 min

Lab File: VU043882.D

Acq: 21 May 2021 12:23

Instrument :

MSVOA_U

ClientSampled :

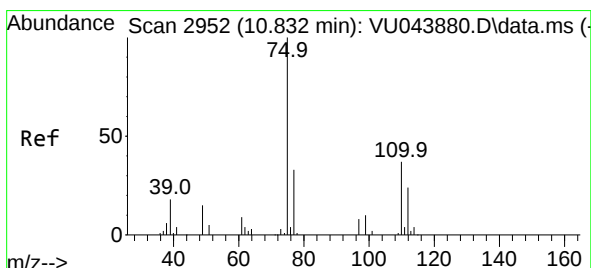
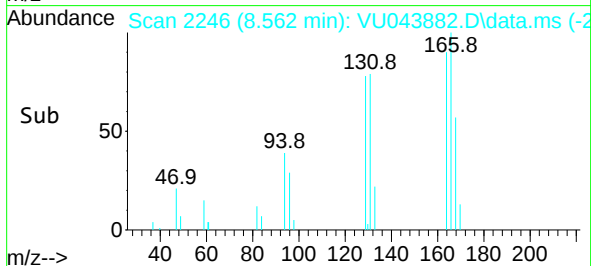
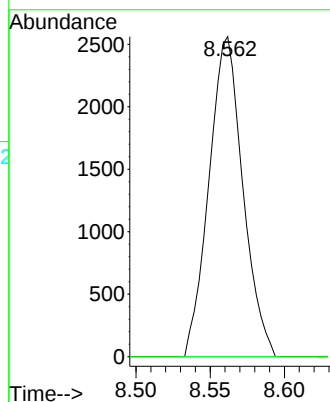
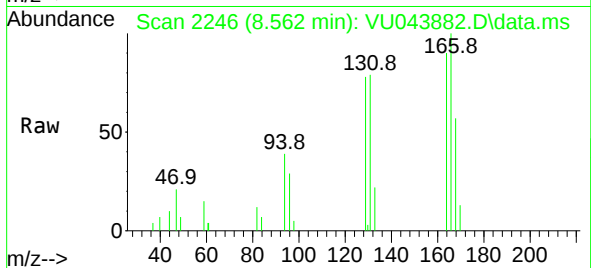
GB406DL

Tgt Ion:129 Resp: 4066

Ion Ratio Lower Upper

129 100

127 0.0 53.4 99.2#



#61

1,2,3-Trichloropropane

Concen: 1.07 ug/L

RT: 11.819 min Scan# 3259

Delta R.T. 0.987 min

Lab File: VU043882.D

Acq: 21 May 2021 12:23

Tgt Ion: 75 Resp: 11117

Ion Ratio Lower Upper

75 100

110 2.0 27.9 41.9#

77 33.5 25.9 38.9

