

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052121\
 Data File : VU043885.D
 Acq On : 21 May 2021 13:34
 Operator : SY/MD
 Sample : M2475-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB409

Quant Time: May 22 00:52:50 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)

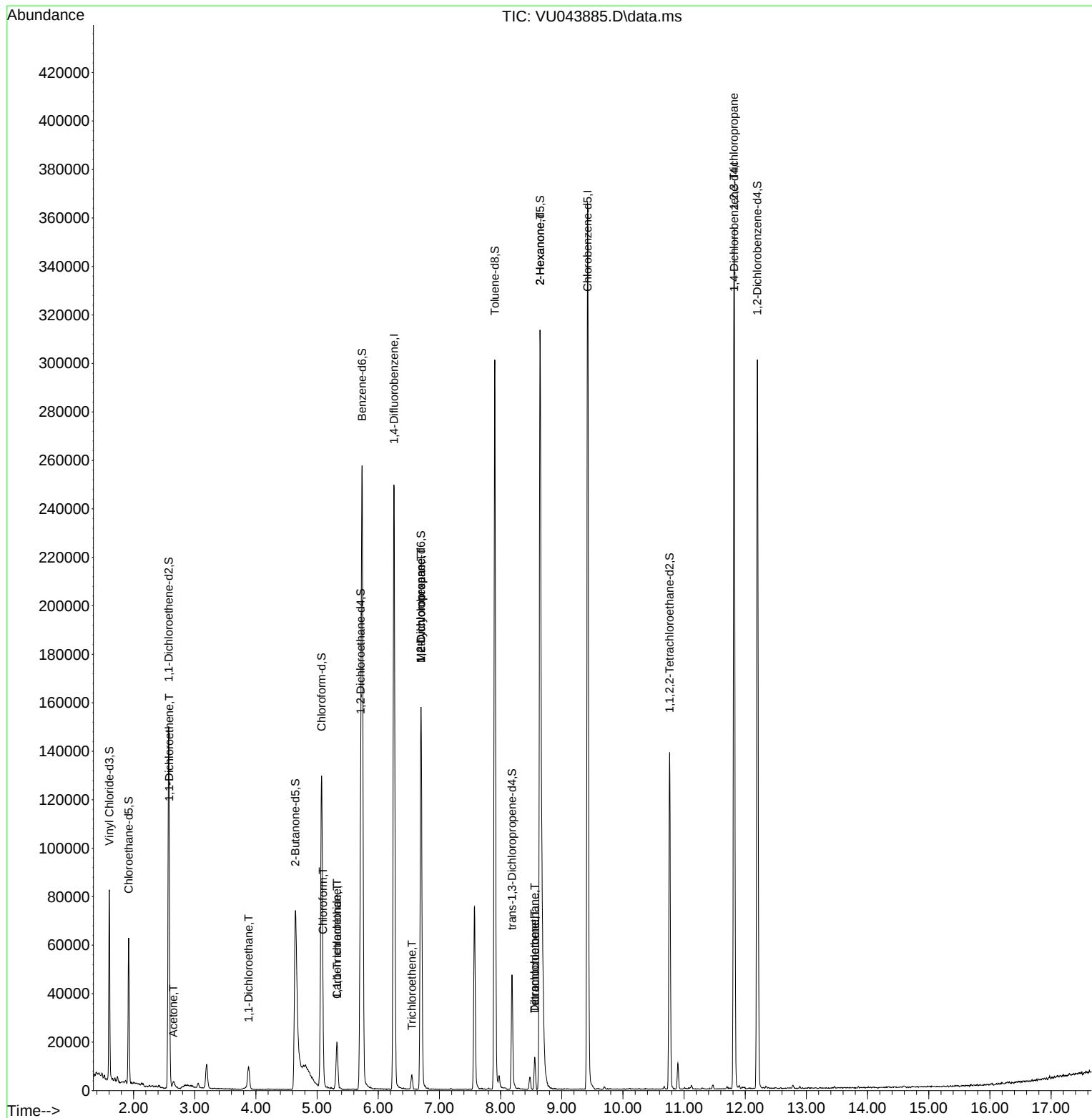
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	210922	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	218257	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	102925	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	55829	3.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.80%
7) Chloroethane-d5	1.919	69	43053	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.20%
11) 1,1-Dichloroethene-d2	2.575	65	27399	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.00%
20) 2-Butanone-d5	4.645	46	134830	45.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.18%
24) Chloroform-d	5.073	84	122412	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.713	65	64086	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.735	84	246058	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.700	67	81908	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.906	98	203844	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
43) trans-1,3-Dichloroprop...	8.185	79	28104	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.645	63	140431	47.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.08%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	71796	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
66) 1,2-Dichlorobenzene-d4	12.198	152	86494	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.584	96	4403	0.32	ug/L #	1
13) Acetone	2.649	43	5552	2.96	ug/L	91
19) 1,1-Dichloroethane	3.880	63	11102	0.42	ug/L	98
25) Chloroform	5.095	83	3619	0.14	ug/L	84
29) 1,1,1-Trichloroethane	5.327	97	13653	0.60	ug/L	97
31) Carbon tetrachloride	5.327	117	1813	0.10	ug/L	96
34) Trichloroethene	6.549	95	1833	0.11	ug/L	87
35) Methylcyclohexane	6.700	83	18811	0.75	ug/L #	17
37) 1,2-Dichloropropane	6.700	63	8225	0.50	ug/L #	88
47) Tetrachloroethene	8.558	164	3025	0.23	ug/L	92
48) 2-Hexanone	8.645	43	15336	1.96	ug/L #	65
49) Dibromochloromethane	8.558	129	2829	0.21	ug/L #	11
61) 1,2,3-Trichloropropane	11.815	75	10415	1.06	ug/L #	70

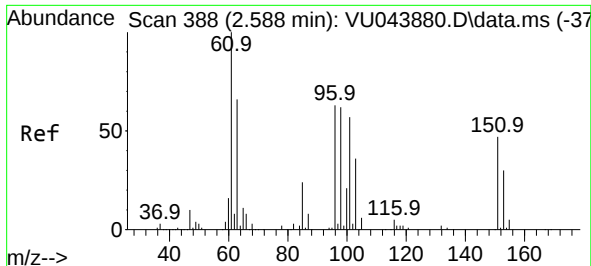
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.32 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

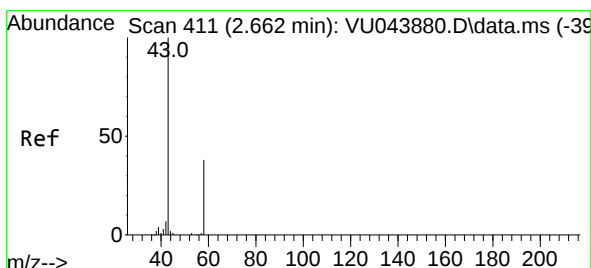
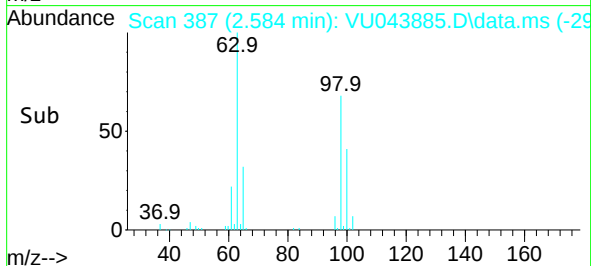
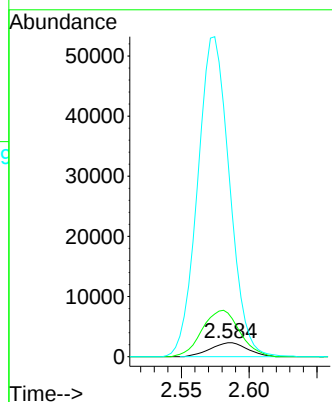
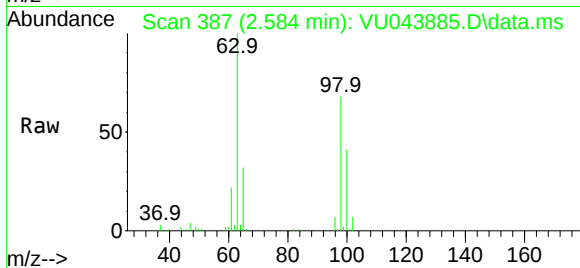
Lab File: VU043885.D

Acq: 21 May 2021 13:34

Tgt Ion: 96 Resp: 4403

Ion	Ratio	Lower	Upper
96	100		
61	314.2	117.5	218.1#
63	1421.6	77.3	143.7#

Instrument :
MSVOA_U
ClientSampled :
GB409



#13

Acetone

Concen: 2.96 ug/L

RT: 2.649 min Scan# 407

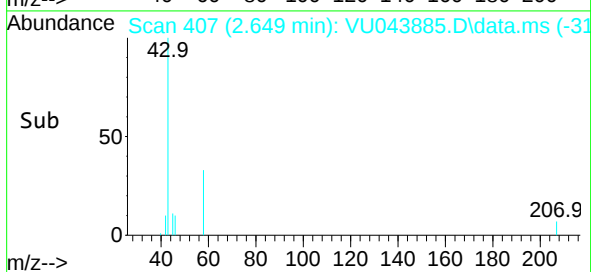
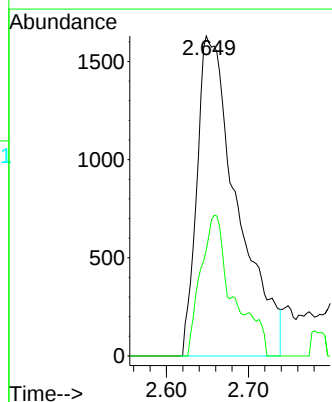
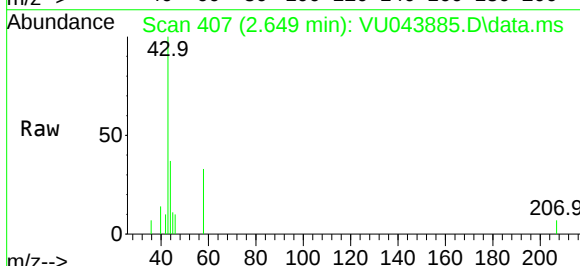
Delta R.T. -0.013 min

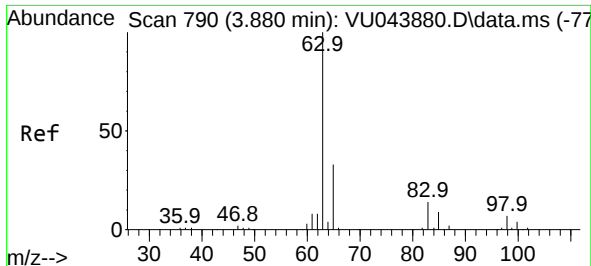
Lab File: VU043885.D

Acq: 21 May 2021 13:34

Tgt Ion: 43 Resp: 5552

Ion	Ratio	Lower	Upper
43	100		
58	30.2	0.0	71.6





#19

1,1-Dichloroethane

Concen: 0.42 ug/L

RT: 3.880 min Scan# 790

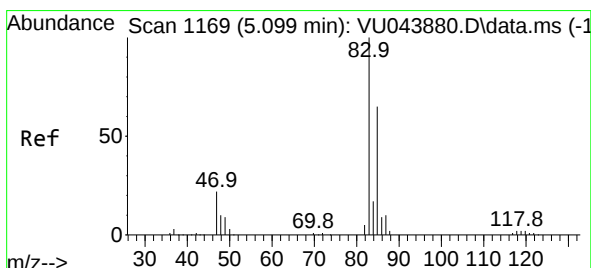
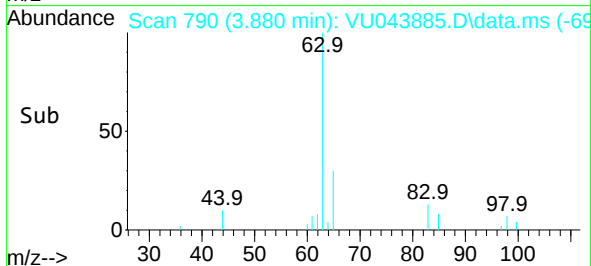
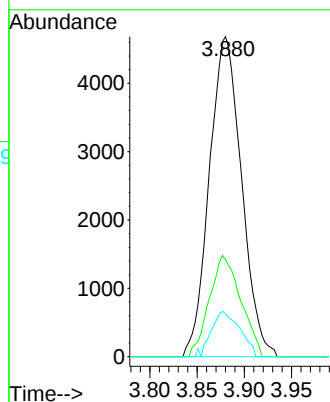
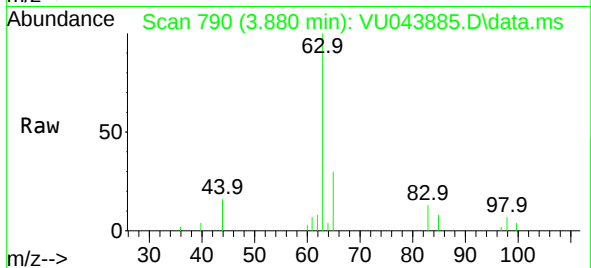
Delta R.T. -0.000 min

Lab File: VU043885.D

Acq: 21 May 2021 13:34

Tgt Ion:	63	Resp:	11102
Ion Ratio	Lower	Upper	
63	100		
65	30.4	22.3	41.3
83	13.5	9.0	16.8

Instrument :
MSVOA_U
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GB409



#25

Chloroform

Concen: 0.14 ug/L

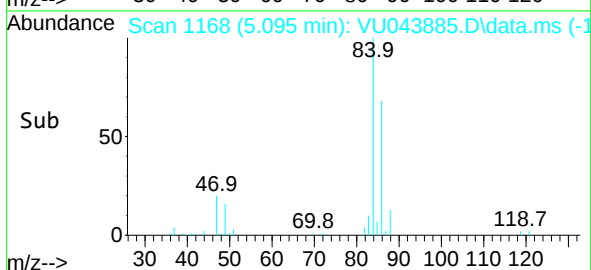
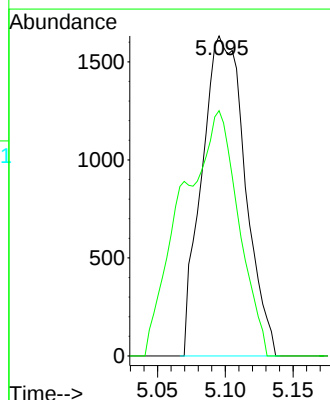
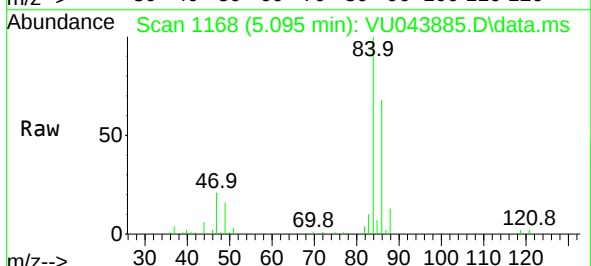
RT: 5.095 min Scan# 1168

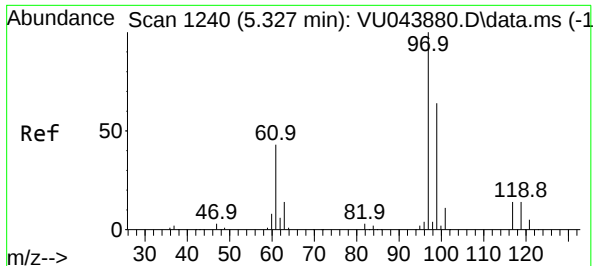
Delta R.T. -0.003 min

Lab File: VU043885.D

Acq: 21 May 2021 13:34

Tgt Ion:	83	Resp:	3619
Ion Ratio	Lower	Upper	
83	100		
85	76.7	45.0	83.6





#29

1,1,1-Trichloroethane

Concen: 0.60 ug/L

RT: 5.327 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VU043885.D

Acq: 21 May 2021 13:34

Tgt Ion: 97 Resp: 13653

Ion Ratio Lower Upper

97 100

99 67.7 51.1 76.7

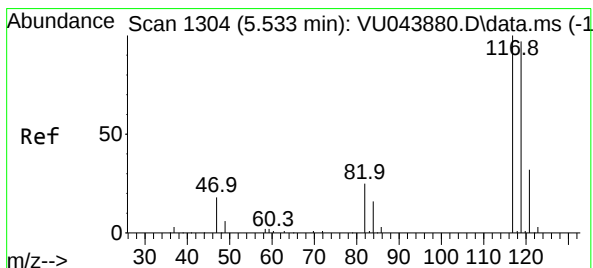
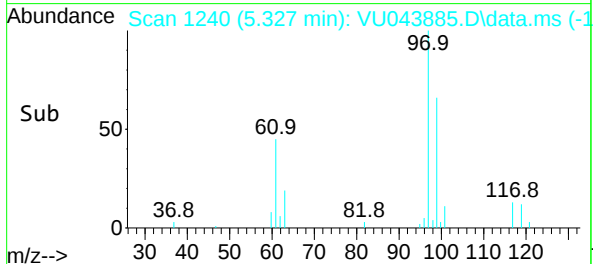
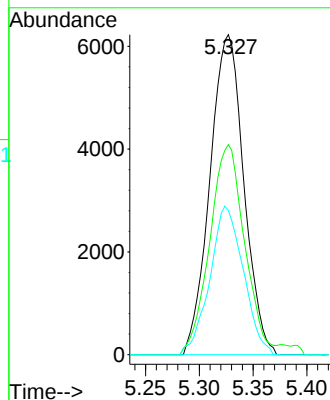
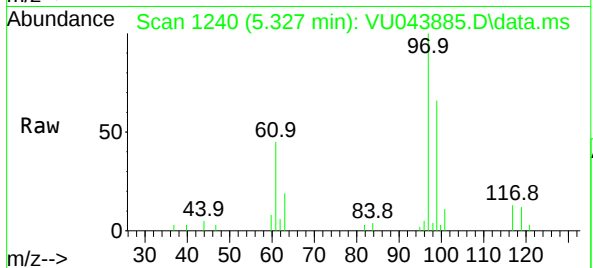
61 45.9 37.0 55.4

Instrument :

MSVOA_U

ClientSampleId :

GB409



#31

Carbon tetrachloride

Concen: 0.10 ug/L

RT: 5.327 min Scan# 1240

Delta R.T. -0.206 min

Lab File: VU043885.D

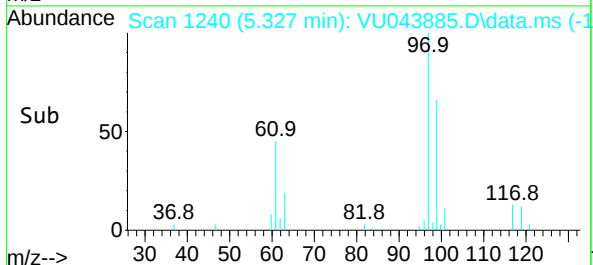
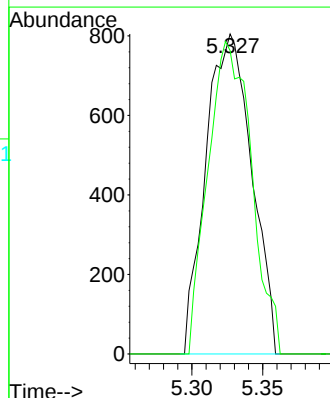
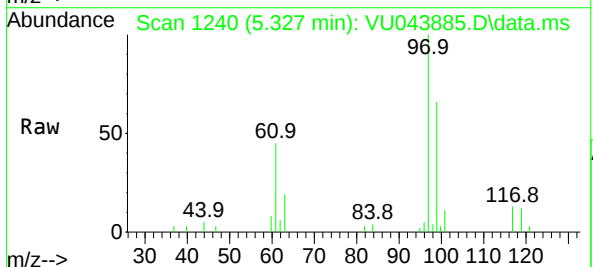
Acq: 21 May 2021 13:34

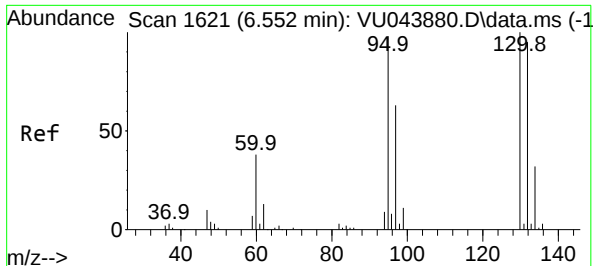
Tgt Ion: 117 Resp: 1813

Ion Ratio Lower Upper

117 100

119 92.6 77.4 116.0



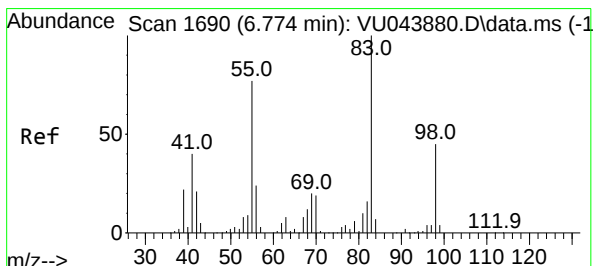
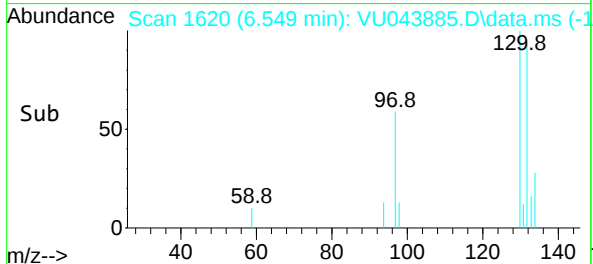
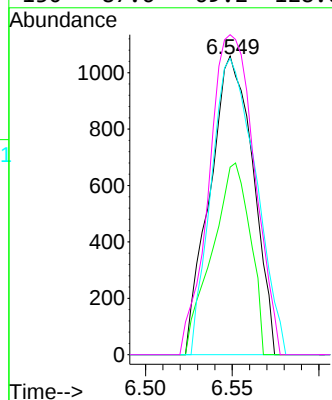
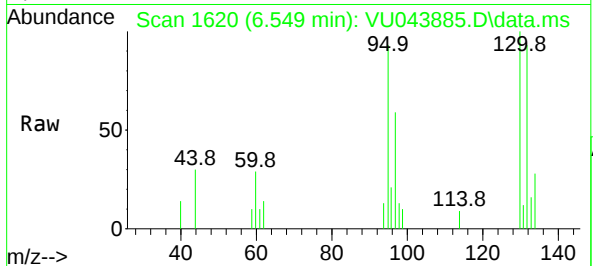


#34
Trichloroethene
Concen: 0.11 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043885.D
Acq: 21 May 2021 13:34

Instrument :
MSVOA_U
ClientSampled :
GB409

Tgt Ion: 95 Resp: 1833

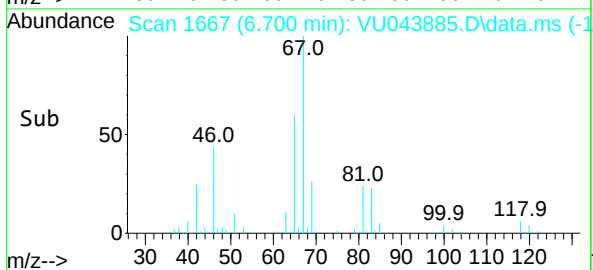
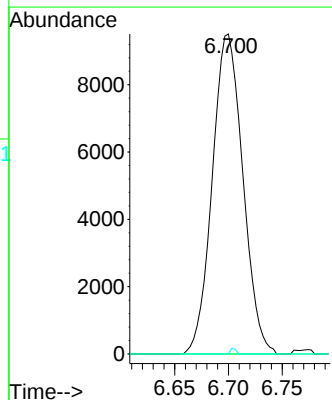
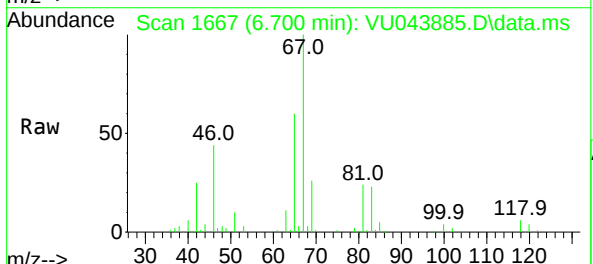
Ion	Ratio	Lower	Upper
95	100		
97	51.4	44.3	82.3
132	81.2	66.0	122.6
130	87.6	69.2	128.6

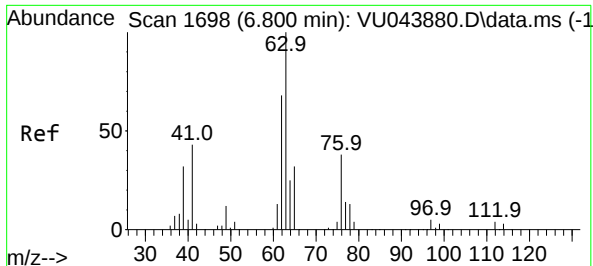


#35
Methylcyclohexane
Concen: 0.75 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043885.D
Acq: 21 May 2021 13:34

Tgt Ion: 83 Resp: 18811

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.8	97.2#
98	0.3	35.9	53.9#



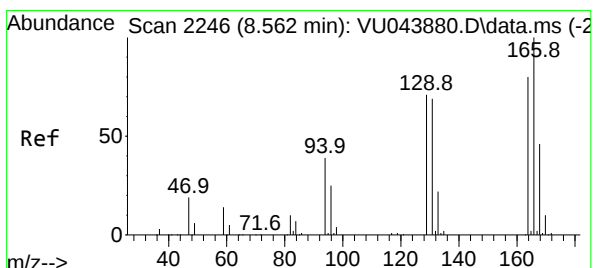
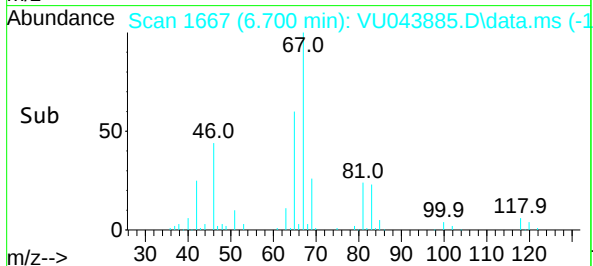
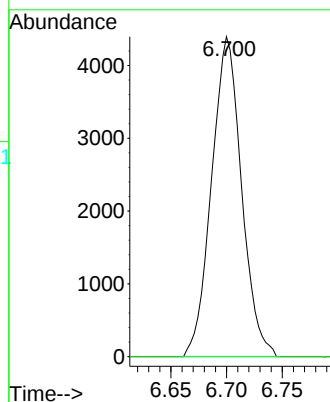
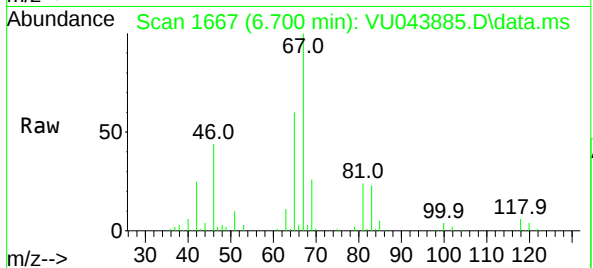


#37

1,2-Dichloropropane
Concen: 0.50 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043885.D
Acq: 21 May 2021 13:34

Instrument :
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GB409

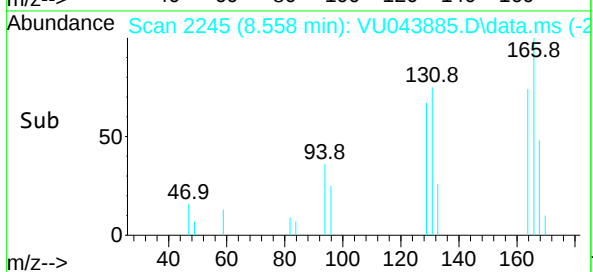
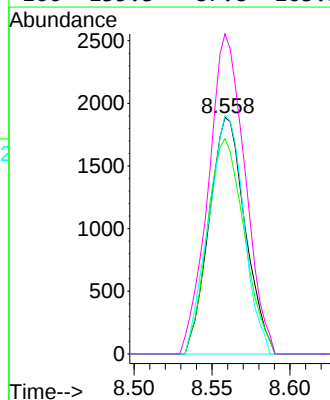
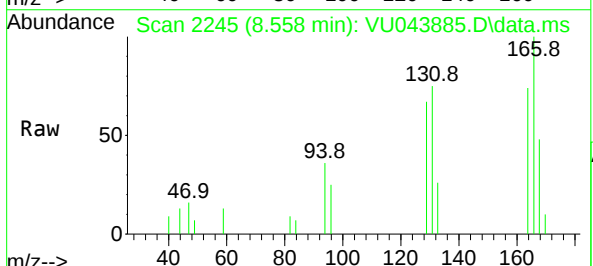
Tgt Ion: 63 Resp: 8225
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

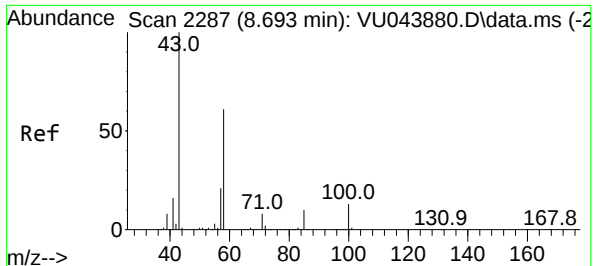


#47

Tetrachloroethene
Concen: 0.23 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU043885.D
Acq: 21 May 2021 13:34

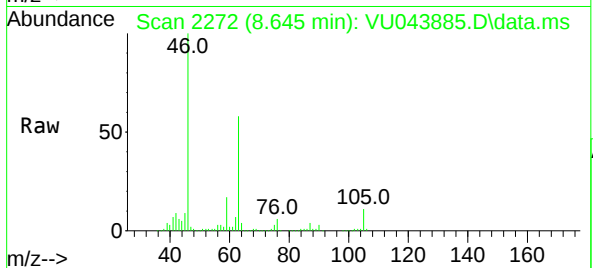
Tgt Ion: 164 Resp: 3025
Ion Ratio Lower Upper
164 100
129 90.9 64.1 119.1
131 100.8 61.2 113.8
166 135.3 87.8 163.2



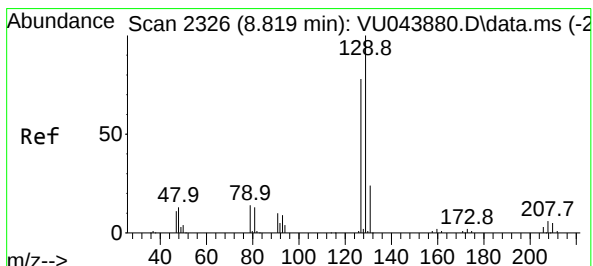
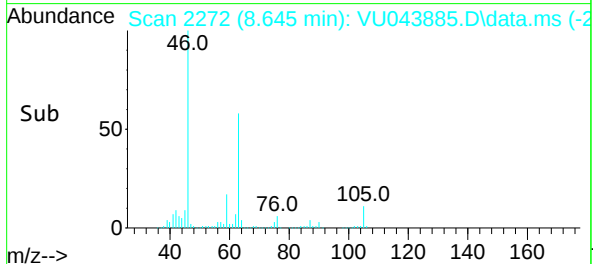
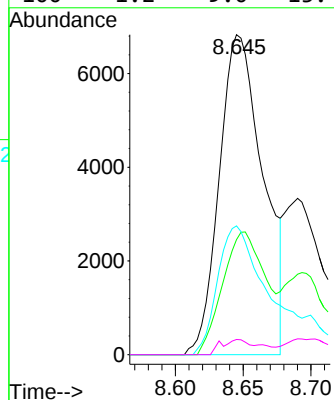


#48
2-Hexanone
Concen: 1.96 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU043885.D
Acq: 21 May 2021 13:34

Instrument :
MSVOA_U
ClientSampled :
GB409

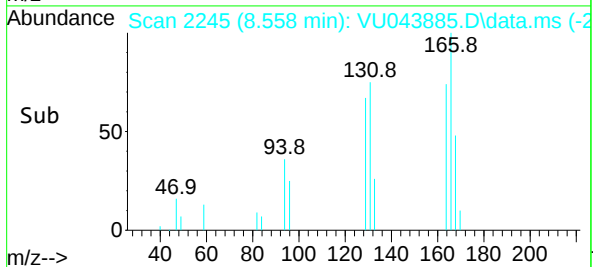
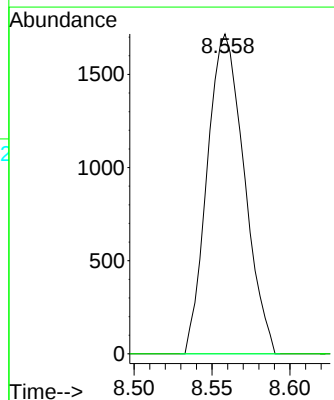
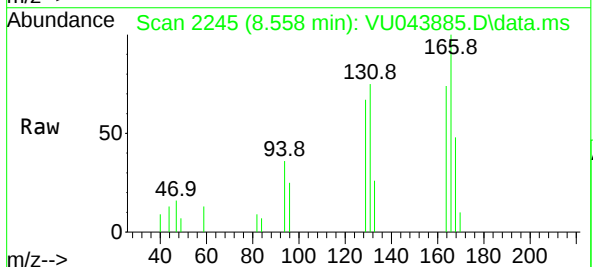


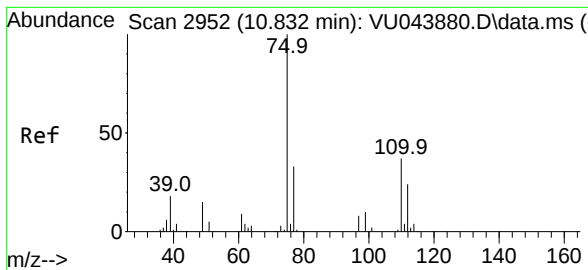
Tgt Ion: 43 Resp: 15336
Ion Ratio Lower Upper
43 100
58 37.1 47.0 70.4#
57 45.5 15.8 23.8#
100 1.2 9.0 13.4#



#49
Dibromochloromethane
Concen: 0.21 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.261 min
Lab File: VU043885.D
Acq: 21 May 2021 13:34

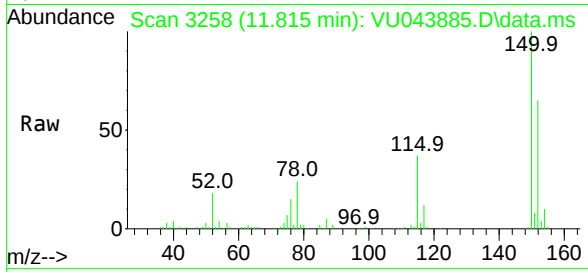
Tgt Ion: 129 Resp: 2829
Ion Ratio Lower Upper
129 100
127 0.0 53.4 99.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.06 ug/L
 RT: 11.815 min Scan# 3258
 Delta R.T. 0.984 min
 Lab File: VU043885.D
 Acq: 21 May 2021 13:34

Instrument :
 MSVOA_U
 ClientSampleId :
 GB409



Tgt Ion: 75 Resp: 10415
 Ion Ratio Lower Upper
 75 100
 110 1.9 27.9 41.9#
 77 33.4 25.9 38.9

