

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043955.D
 Acq On : 25 May 2021 11:48
 Operator : SY/MD
 Sample : M2494-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB430

Quant Time: May 25 14:29:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 25 07:46:23 2021
 Response via : Initial Calibration

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

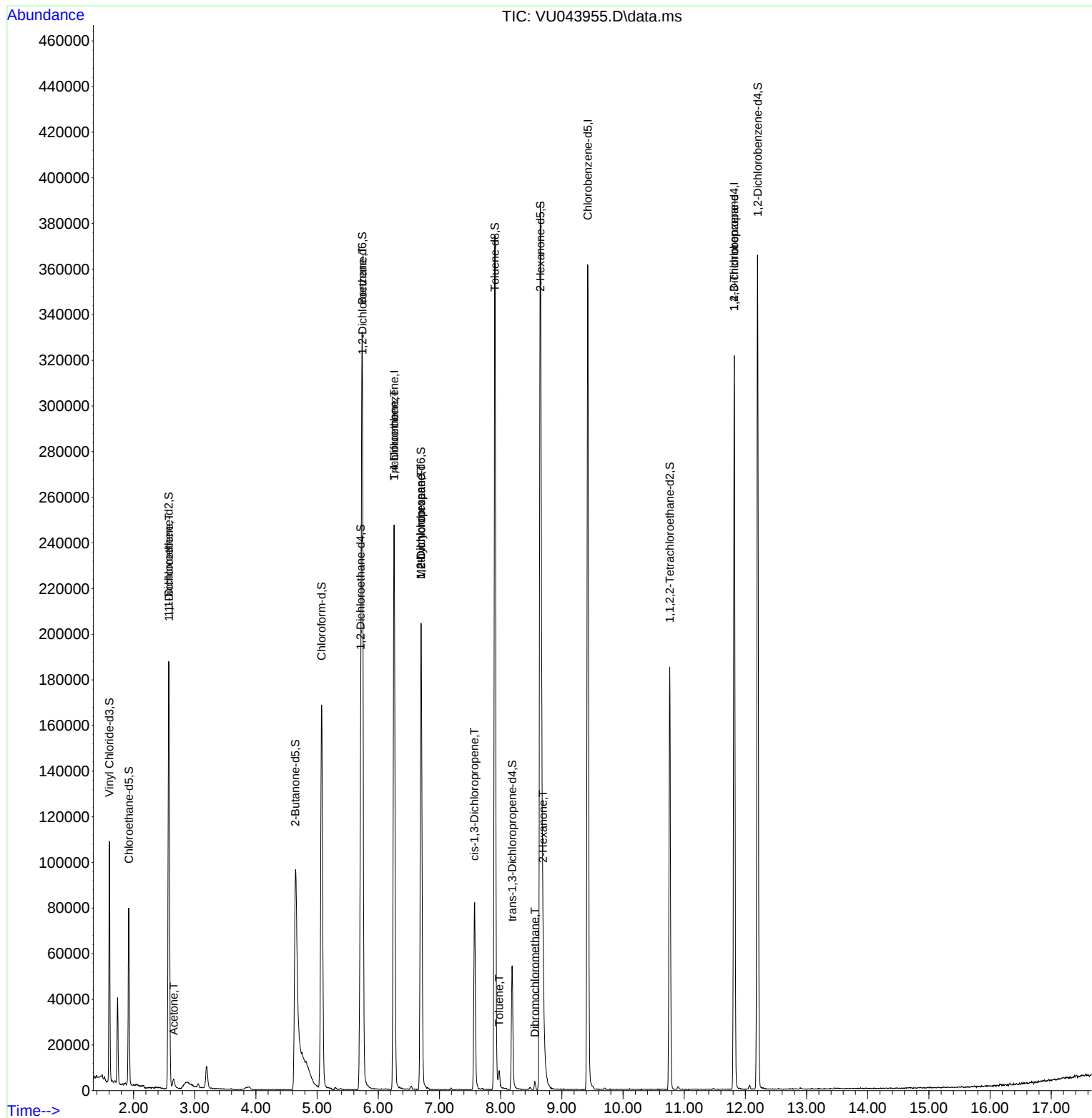
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	211426	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	218698	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	94304	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	74620	6.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	126.80%
7) Chloroethane-d5	1.922	69	57305	6.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	135.00%#
11) 1,1-Dichloroethene-d2	2.575	65	34736	6.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	121.40%
20) 2-Butanone-d5	4.645	46	174102	46.66	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.32%
24) Chloroform-d	5.073	84	164377	6.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	121.00%
26) 1,2-Dichloroethane-d4	5.713	65	84282	6.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.20%
32) Benzene-d6	5.739	84	323861	5.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.60%
36) 1,2-Dichloropropane-d6	6.700	67	104904	5.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	118.60%
41) Toluene-d8	7.906	98	260894	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
43) trans-1,3-Dichloroprop...	8.189	79	32862	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
46) 2-Hexanone-d5	8.648	63	181287	61.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.64%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	93792	5.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	104788	6.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.20%#
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.578	96	1737	0.13	ug/L #	1
13) Acetone	2.658	43	6038	3.07	ug/L	78
27) 1,2-Dichloroethane	5.742	62	1812	0.11	ug/L #	72
34) Trichloroethene	6.260	95	3867	0.25	ug/L #	4
35) Methylcyclohexane	6.700	83	24966	1.11	ug/L #	18
37) 1,2-Dichloropropane	6.700	63	10472	0.67	ug/L #	86
39) cis-1,3-Dichloropropene	7.571	75	1930	0.09	ug/L #	50
42) Toluene	7.976	91	4683	0.08	ug/L	94
48) 2-Hexanone	8.690	43	7692	1.17	ug/L #	35
49) Dibromochloromethane	8.558	129	797	0.06	ug/L #	11
61) 1,2,3-Trichloropropane	11.819	75	9476	1.09	ug/L #	65

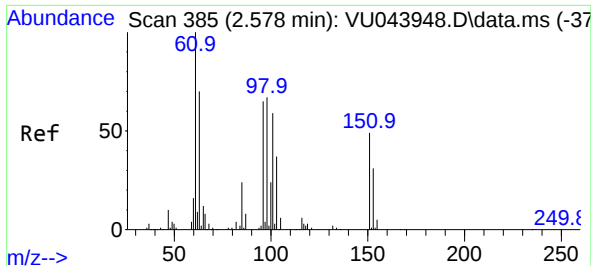
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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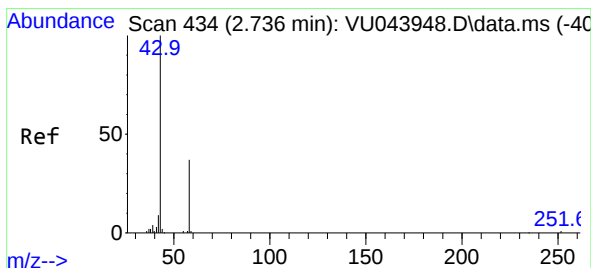
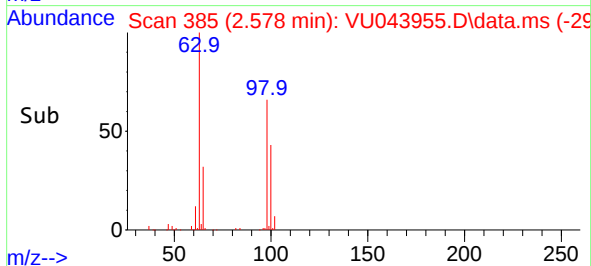
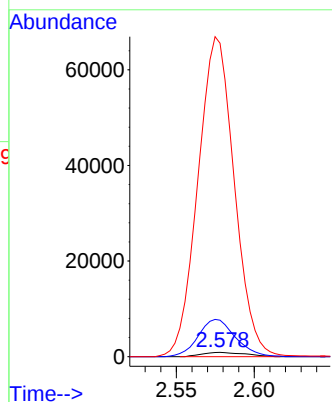
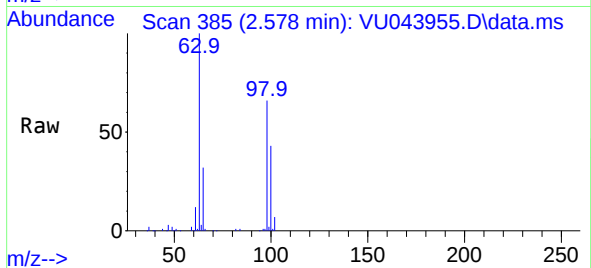




#12
1,1-Dichloroethene
Concen: 0.13 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU043955.D
Acq: 25 May 2021 11:48

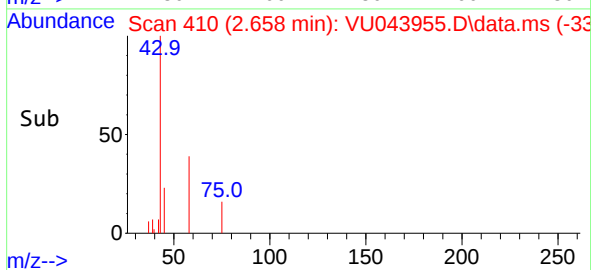
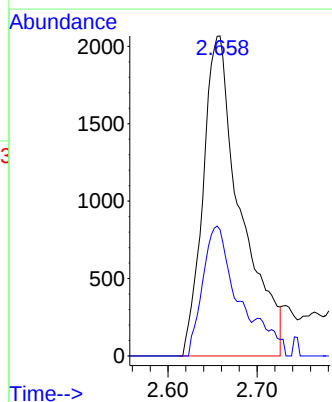
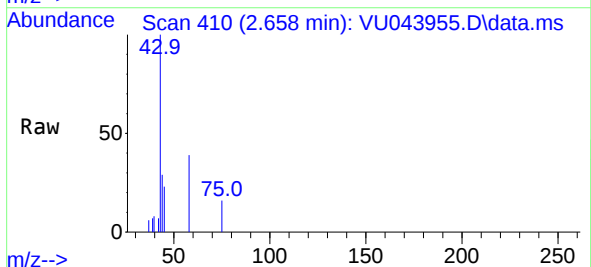
Instrument :
MSVOA_U
ClientSampleId :
GB430

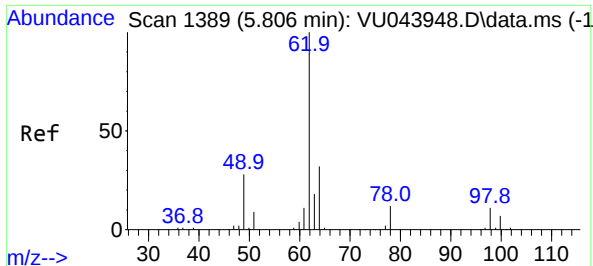
Tgt Ion: 96 Resp: 1737
Ion Ratio Lower Upper
96 100
61 841.9 105.1 195.3#
63 7245.1 66.6 123.6#



#13
Acetone
Concen: 3.07 ug/L
RT: 2.658 min Scan# 410
Delta R.T. -0.064 min
Lab File: VU043955.D
Acq: 25 May 2021 11:48

Tgt Ion: 43 Resp: 6038
Ion Ratio Lower Upper
43 100
58 33.7 0.0 46.2

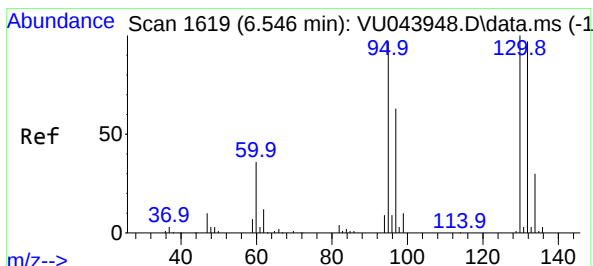
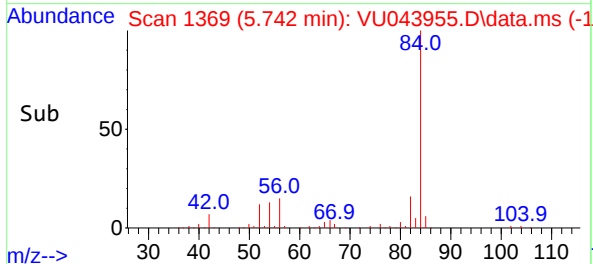
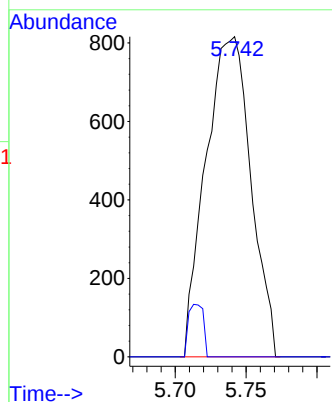
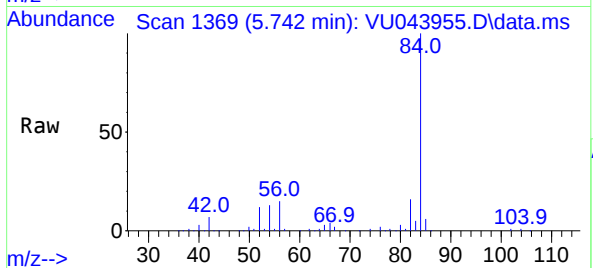




#27
1,2-Dichloroethane
Concen: 0.11 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.064 min
Lab File: VU043955.D
Acq: 25 May 2021 11:48

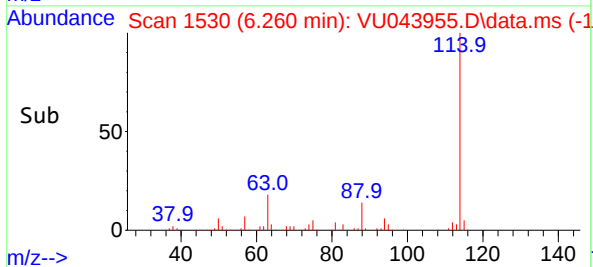
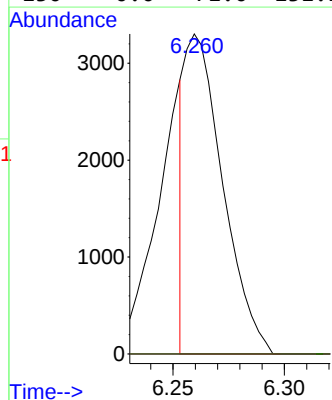
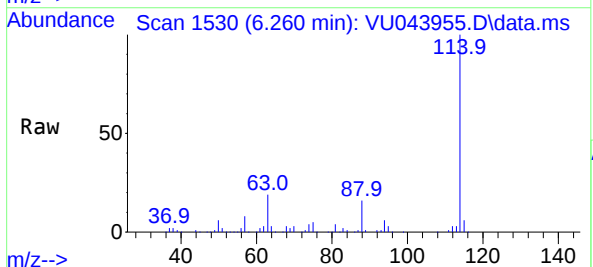
Instrument :
MSVOA_U
ClientSampleId :
GB430

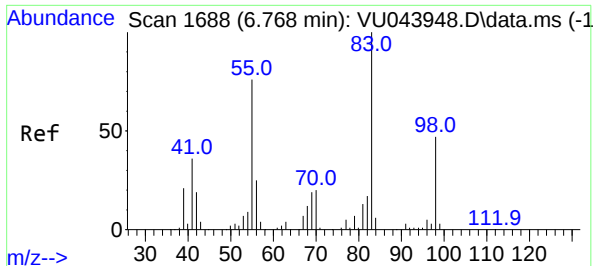
Tgt Ion: 62 Resp: 1812
Ion Ratio Lower Upper
62 100
98 0.0 8.3 12.5#



#34
Trichloroethene
Concen: 0.25 ug/L
RT: 6.260 min Scan# 1530
Delta R.T. -0.286 min
Lab File: VU043955.D
Acq: 25 May 2021 11:48

Tgt Ion: 95 Resp: 3867
Ion Ratio Lower Upper
95 100
97 0.0 45.5 84.5#
132 0.0 70.9 131.7#
130 0.0 71.0 131.9#





#35

Methylcyclohexane

Concen: 1.11 ug/L

RT: 6.700 min Scan# 1667

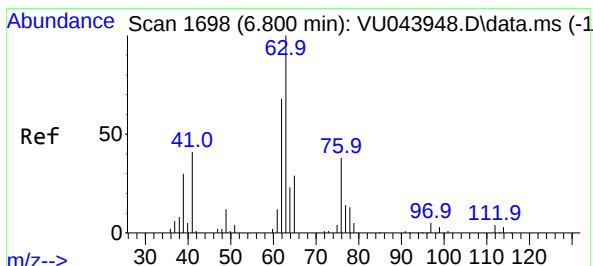
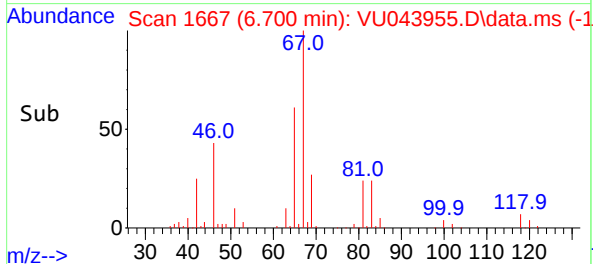
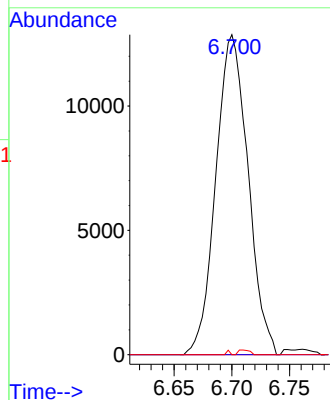
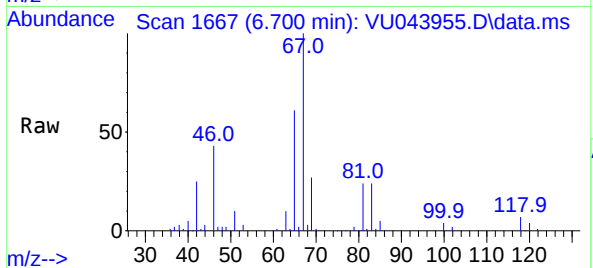
Delta R.T. -0.064 min

Lab File: VU043955.D

Acq: 25 May 2021 11:48

Tgt Ion:	83	Resp:	24966
Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.2	91.8#
98	0.1	37.0	55.4#

Instrument :
MSVOA_U
ClientSampleId :
GB430



#37

1,2-Dichloropropane

Concen: 0.67 ug/L

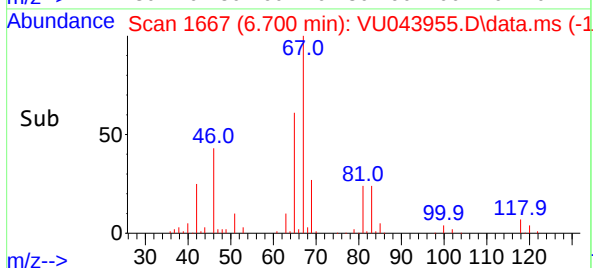
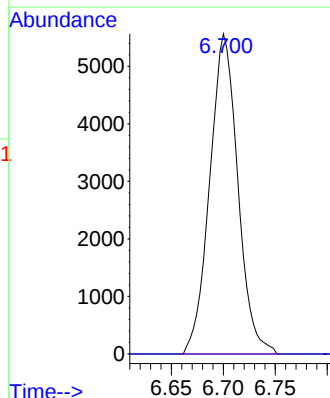
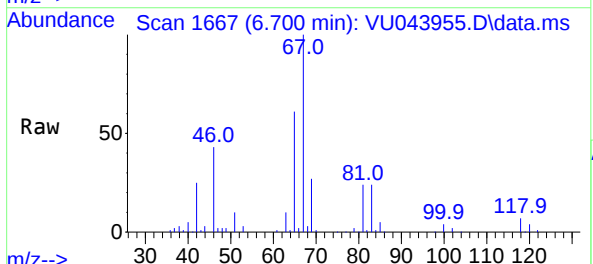
RT: 6.700 min Scan# 1667

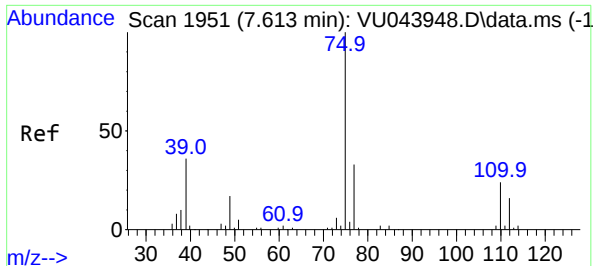
Delta R.T. -0.100 min

Lab File: VU043955.D

Acq: 25 May 2021 11:48

Tgt Ion:	63	Resp:	10472
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#





#39

cis-1,3-Dichloropropene

Concen: 0.09 ug/L

RT: 7.571 min Scan# 1938

Delta R.T. -0.042 min

Lab File: VU043955.D

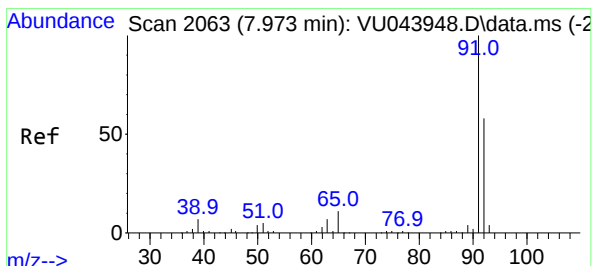
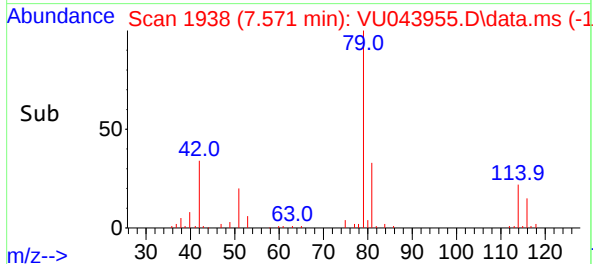
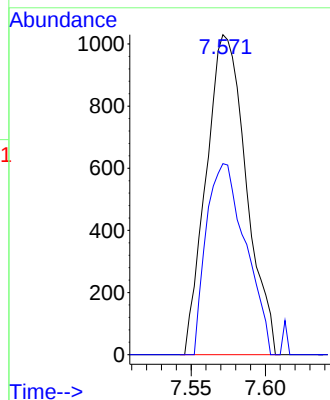
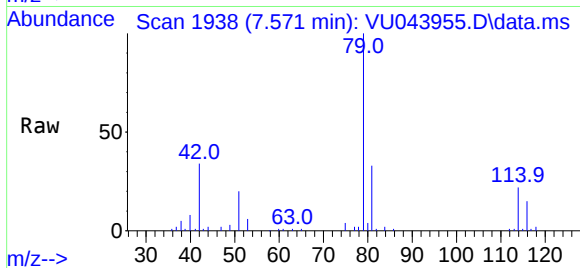
Acq: 25 May 2021 11:48

Tgt Ion: 75 Resp: 1930

Ion Ratio Lower Upper

75 100

77 59.7 22.3 41.3#



#42

Toluene

Concen: 0.08 ug/L

RT: 7.976 min Scan# 2064

Delta R.T. 0.003 min

Lab File: VU043955.D

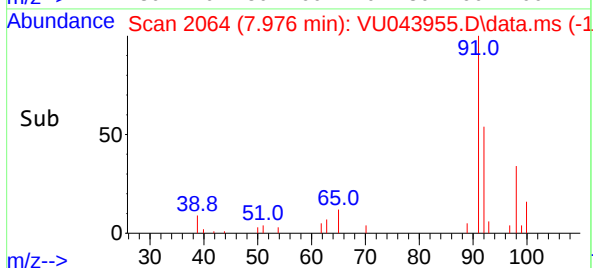
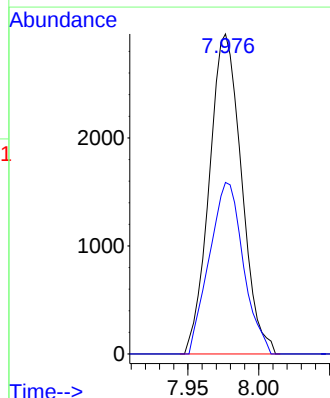
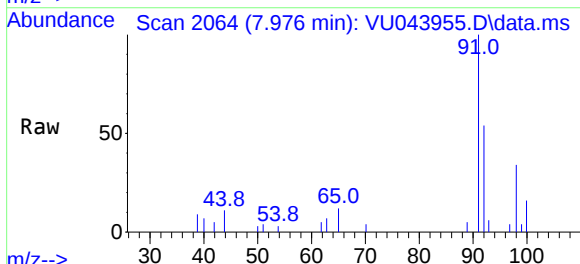
Acq: 25 May 2021 11:48

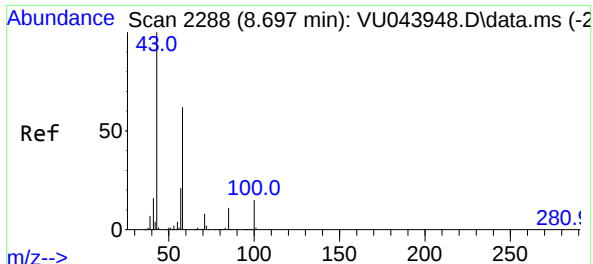
Tgt Ion: 91 Resp: 4683

Ion Ratio Lower Upper

91 100

92 53.6 40.5 75.1

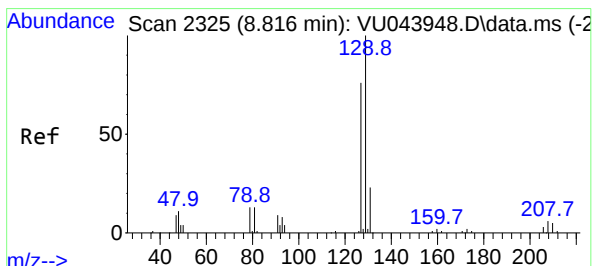
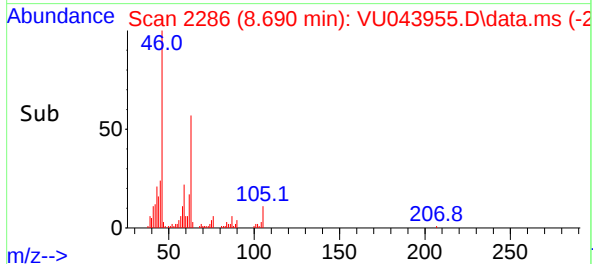
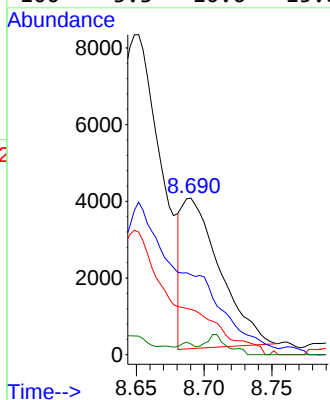
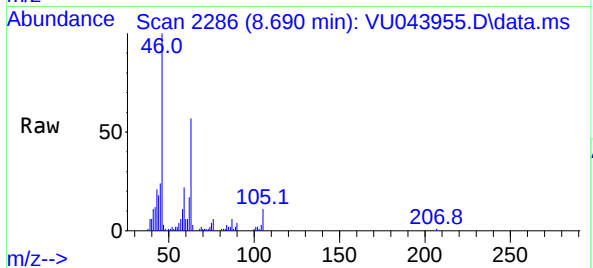




#48
2-Hexanone
Concen: 1.17 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.010 min
Lab File: VU043955.D
Acq: 25 May 2021 11:48

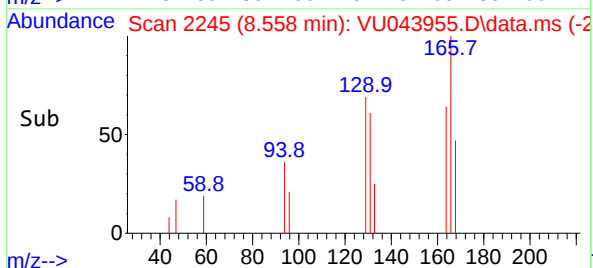
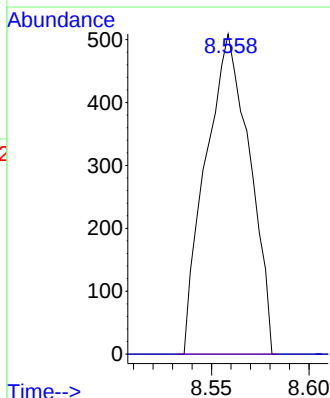
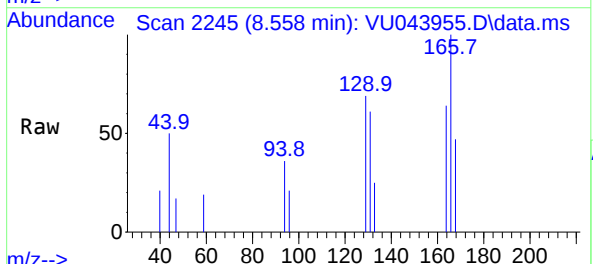
Instrument :
MSVOA_U
ClientSampled :
GB430

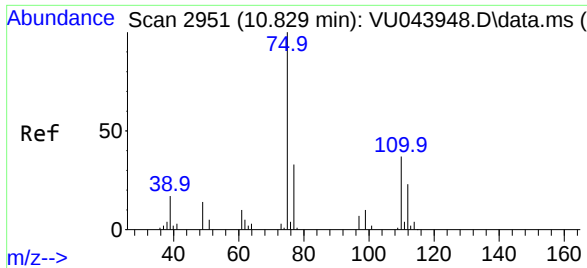
Tgt Ion: 43	Resp: 7692
Ion Ratio	Lower Upper
43 100	
58 0.0	49.4 74.0#
57 0.0	16.8 25.2#
100 3.3	10.6 15.8#



#49
Dibromochloromethane
Concen: 0.06 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.257 min
Lab File: VU043955.D
Acq: 25 May 2021 11:48

Tgt Ion: 129	Resp: 797
Ion Ratio	Lower Upper
129 100	
127 0.0	54.1 100.5#





#61
1,2,3-Trichloropropane
Concen: 1.09 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.990 min
Lab File: VU043955.D
Acq: 25 May 2021 11:48

Instrument :
MSVOA_U
ClientSampleId :
GB430

Tgt Ion:	75	Resp:	9476
Ion	Ratio	Lower	Upper
75	100		
110	1.0	29.3	43.9#
77	28.7	26.3	39.5

