

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020421\
 Data File : VU042265.D
 Acq On : 04 Feb 2021 14:40
 Operator : SY/MD
 Sample : M1323-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 05 02:25:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 05 02:23:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	95074	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	89045	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	46460	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	26706	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.919	69	23357	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.575	63	49971	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	4.649	46	112418	50.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.46%
24) Chloroform-d	5.073	84	60291	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.713	65	38233	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.735	84	113309	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.700	67	38236	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.906	98	105764	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloroprop...	8.189	79	15173	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.645	63	80418	48.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.16%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	30922	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	42020	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	437	0.07	ug/L #	18
13) Acetone	2.662	43	1344	0.90	ug/L	63
17) Methyl tert-butyl Ether	3.375	73	4399	0.24	ug/L #	87
22) cis-1,2-Dichloroethene	4.678	96	32619	4.46	ug/L	99
25) Chloroform	5.102	83	3827	0.29	ug/L	92
27) 1,2-Dichloroethane	5.732	62	738	0.08	ug/L #	75
33) Benzene	5.735	78	965	0.04	ug/L	100
34) Trichloroethene	6.552	95	16904	2.39	ug/L	98
35) Methylcyclohexane	6.700	83	8908	0.75	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	4605	0.67	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1157	0.10	ug/L #	72
44) trans-1,3-Dichloropropene	8.192	75	714	0.07	ug/L #	62
45) 1,1,2-Trichloroethane	8.562	97	1346	0.26	ug/L #	9
47) Tetrachloroethene	8.562	164	157285	26.77	ug/L	99
48) 2-Hexanone	8.645	43	10883	2.65	ug/L #	71
49) Dibromochloromethane	8.562	129	144418	21.27	ug/L #	12
59) 1,2,3-Trichloropropane	11.819	75	5386	1.11	ug/L	96

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Quant Time: Feb 05 02:25:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 05 02:23:43 2021
Response via : Initial Calibration

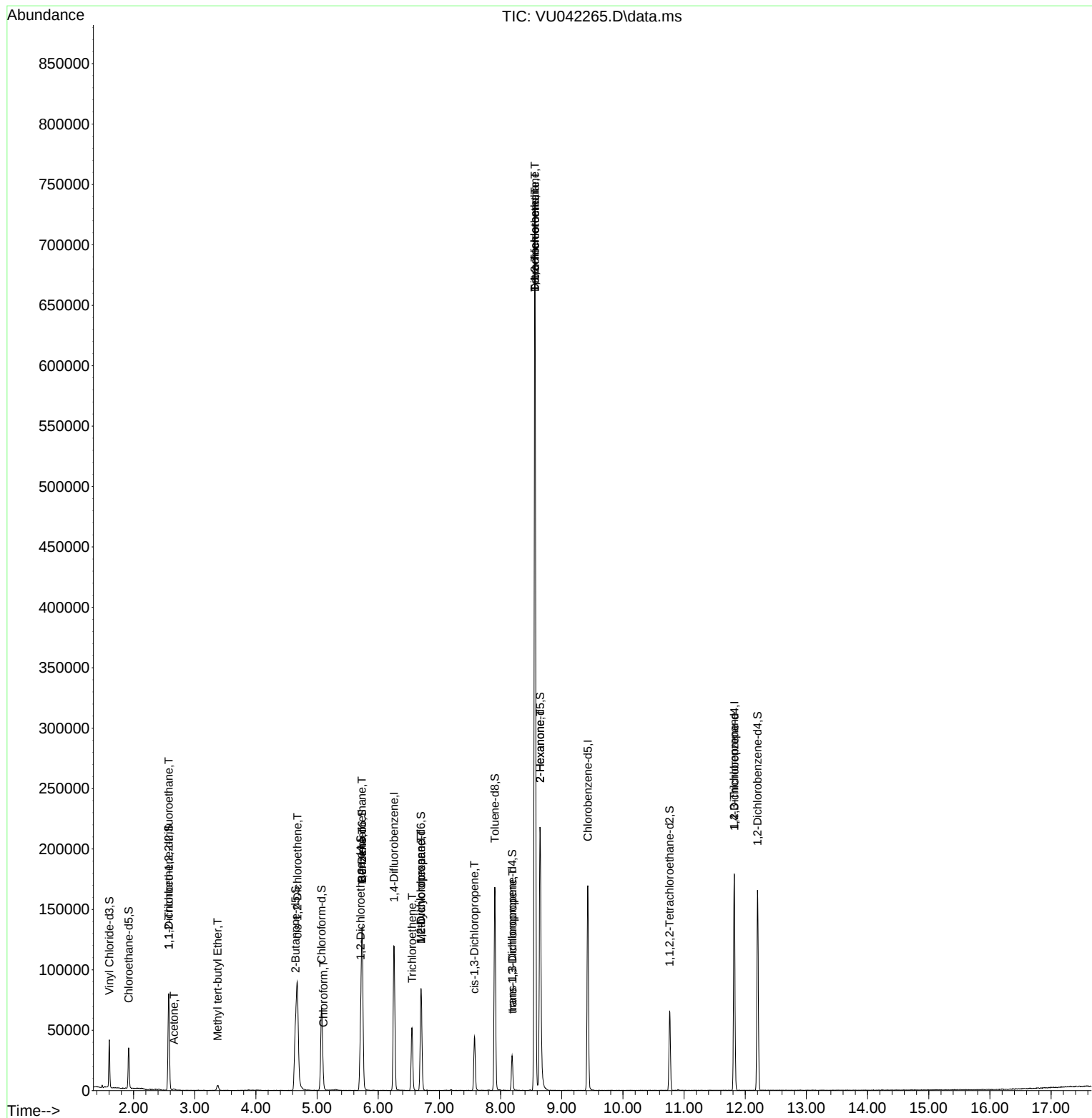
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

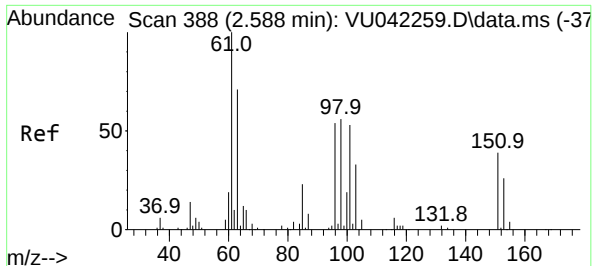
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.07 ug/L

RT: 2.575 min Scan# 384

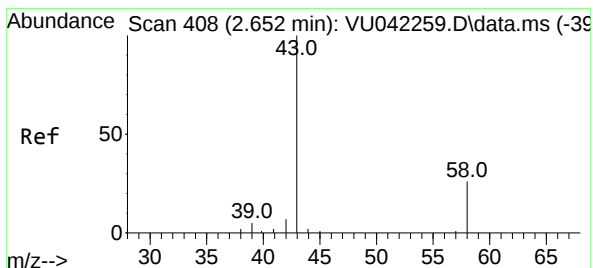
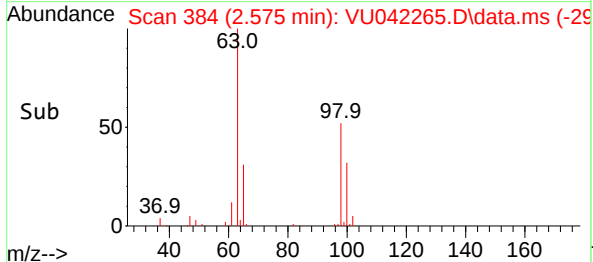
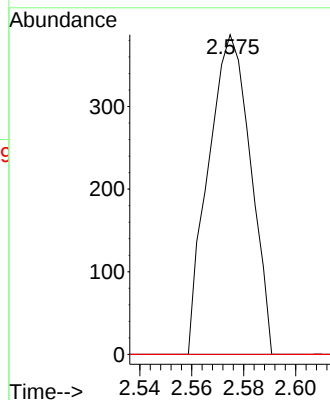
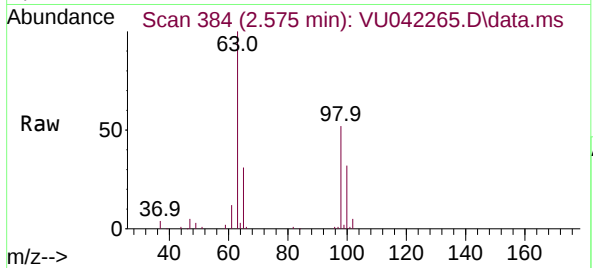
Delta R.T. -0.013 min

Lab File: VU042265.D

Acq: 04 Feb 2021 14:40

Tgt Ion:	101	Resp:	437
Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.6	51.8#
151	0.0	62.7	94.1#

Instrument :
MSVOA_U
ClientSampleId :



#13

Acetone

Concen: 0.90 ug/L

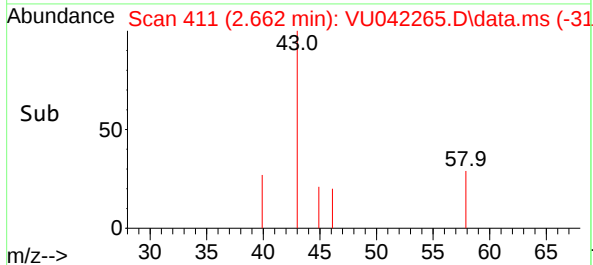
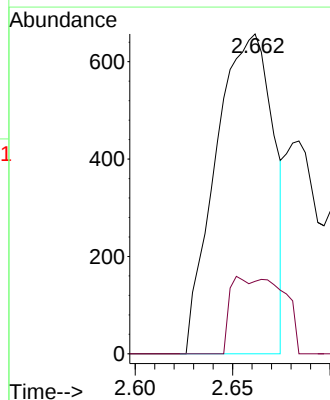
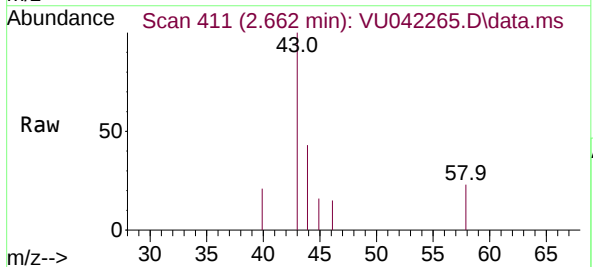
RT: 2.662 min Scan# 411

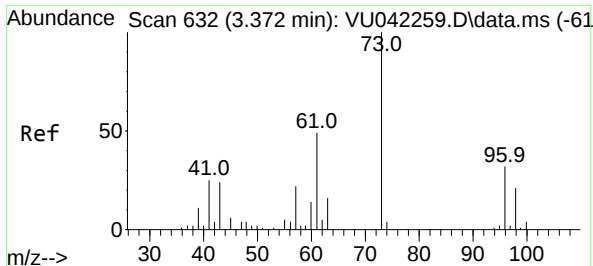
Delta R.T. 0.009 min

Lab File: VU042265.D

Acq: 04 Feb 2021 14:40

Tgt Ion:	43	Resp:	1344
Ion	Ratio	Lower	Upper
43	100		
58	8.5	0.0	55.8



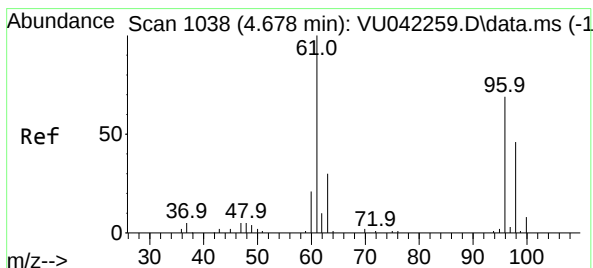
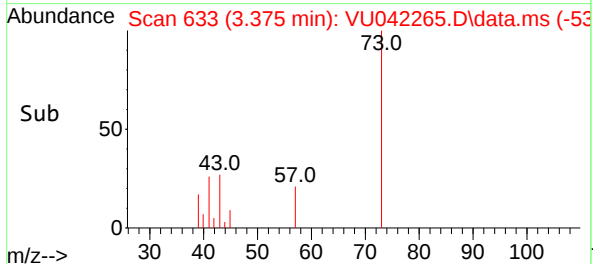
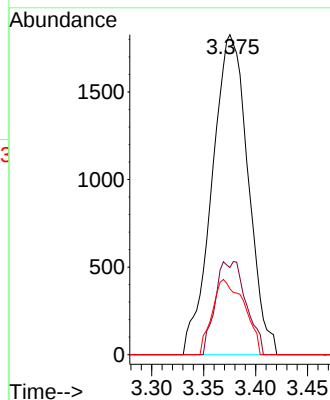
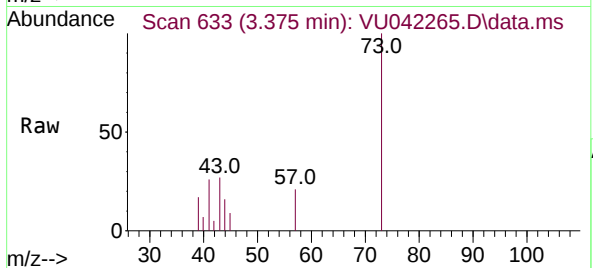


#17

Methyl tert-butyl Ether
Concen: 0.24 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.003 min
Lab File: VU042265.D
Acq: 04 Feb 2021 14:40

Instrument :
MSVOA_U
ClientSampleId :

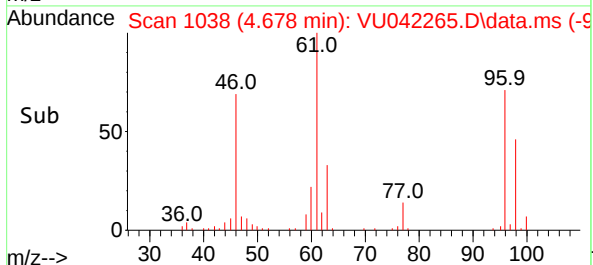
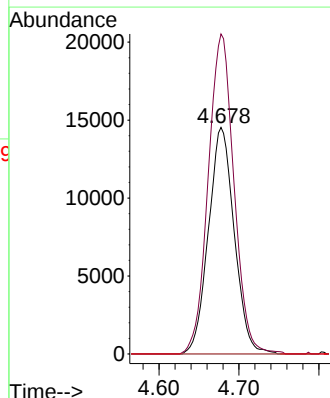
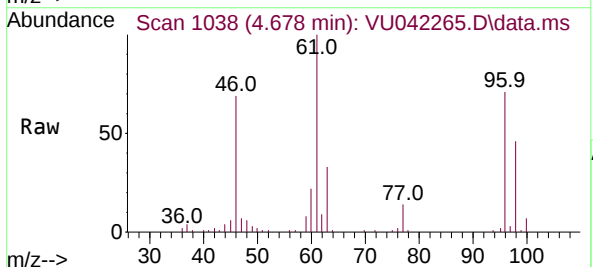
Tgt Ion: 73 Resp: 4399
Ion Ratio Lower Upper
73 100
43 12.7 18.9 28.3#
57 20.8 18.2 27.4

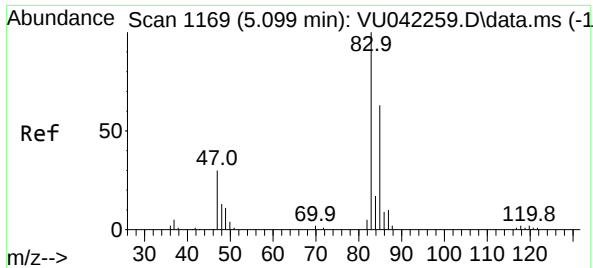


#22

cis-1,2-Dichloroethene
Concen: 4.46 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU042265.D
Acq: 04 Feb 2021 14:40

Tgt Ion: 96 Resp: 32619
Ion Ratio Lower Upper
96 100
61 141.3 97.8 181.6
68 0.0 0.0 0.0



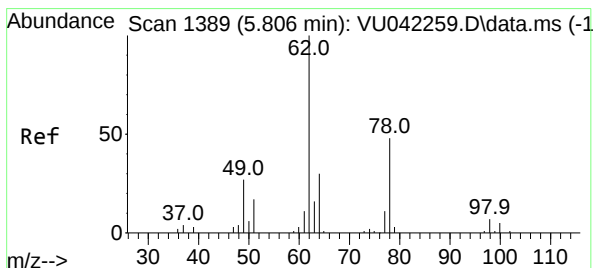
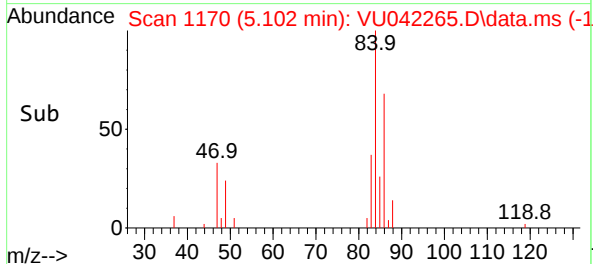
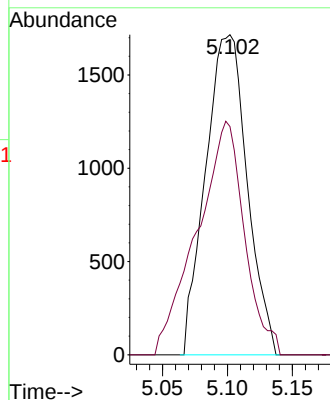
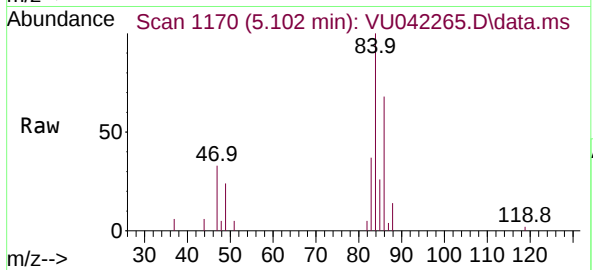


#25

Chloroform
Concen: 0.29 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VU042265.D
Acq: 04 Feb 2021 14:40

Instrument :
MSVOA_U
ClientSampled :

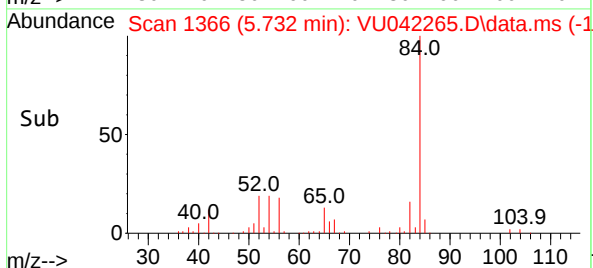
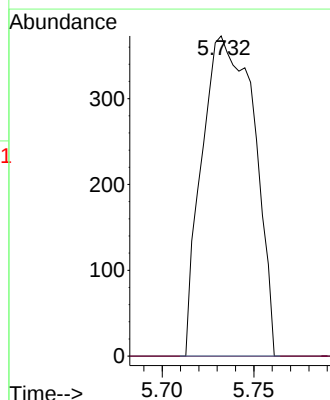
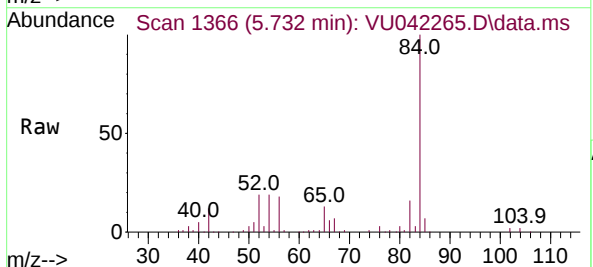
Tgt Ion: 83 Resp: 3827
Ion Ratio Lower Upper
83 100
85 71.3 45.7 84.9

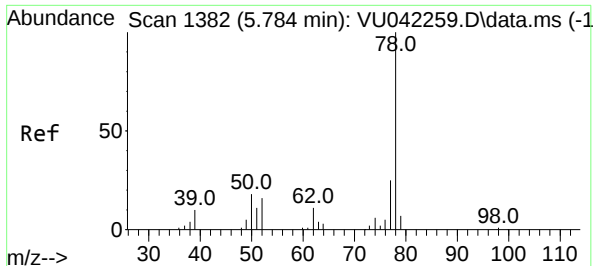


#27

1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.074 min
Lab File: VU042265.D
Acq: 04 Feb 2021 14:40

Tgt Ion: 62 Resp: 738
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

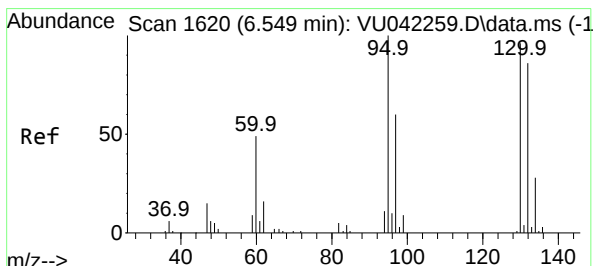
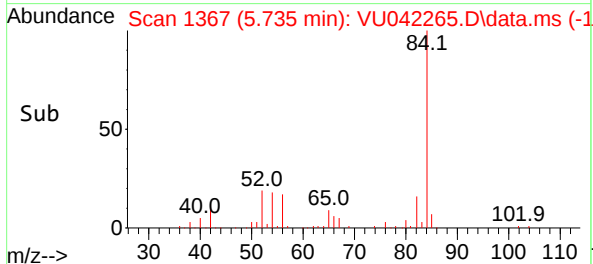
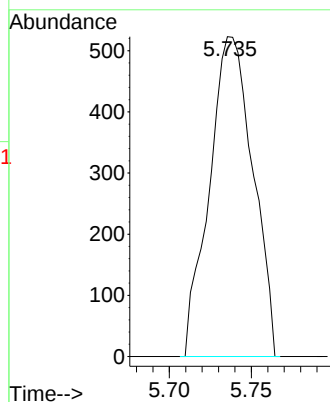
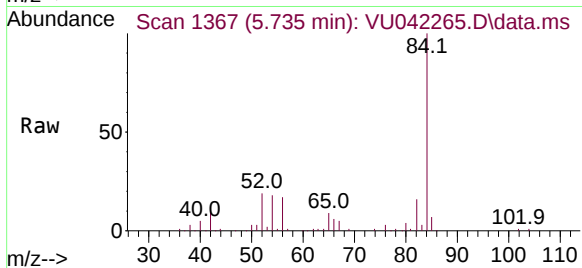




#33
Benzene
Concen: 0.04 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.049 min
Lab File: VU042265.D
Acq: 04 Feb 2021 14:40

Instrument :
MSVOA_U
ClientSampled :

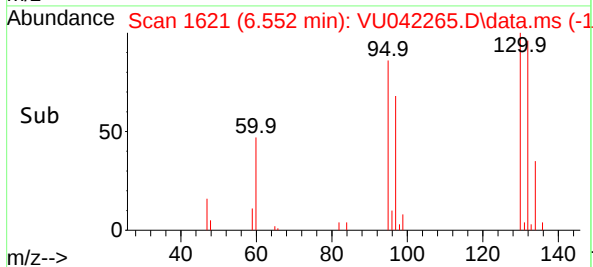
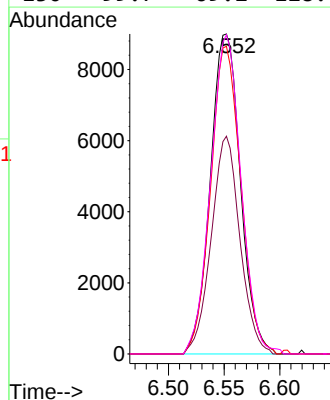
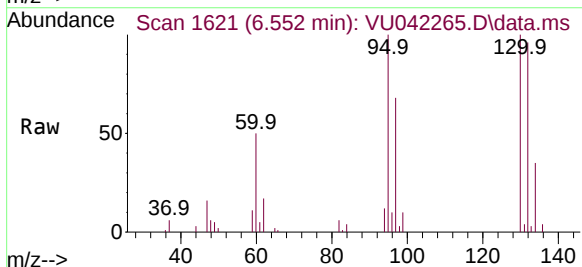
Tgt Ion: 78 Resp: 965

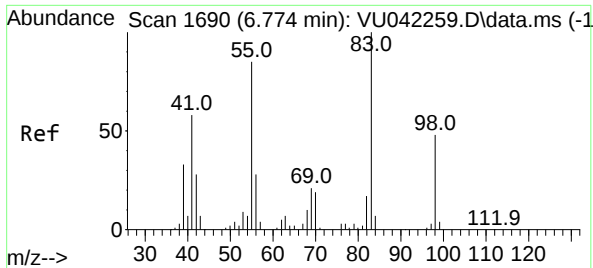


#34
Trichloroethene
Concen: 2.39 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU042265.D
Acq: 04 Feb 2021 14:40

Tgt Ion: 95 Resp: 16904

Ion	Ratio	Lower	Upper
95	100		
97	68.1	44.4	82.4
132	96.1	68.0	126.4
130	99.7	69.2	128.4





#35

Methylcyclohexane

Concen: 0.75 ug/L

RT: 6.700 min Scan# 1667

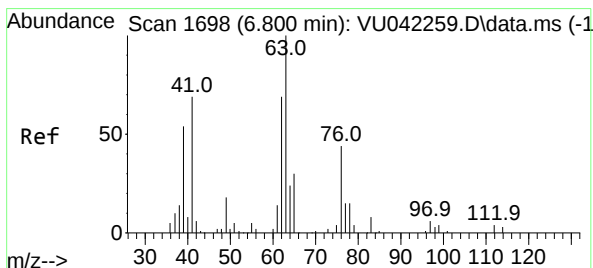
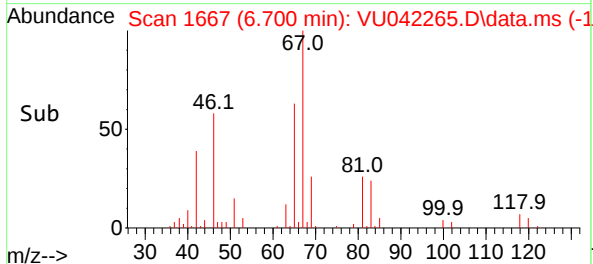
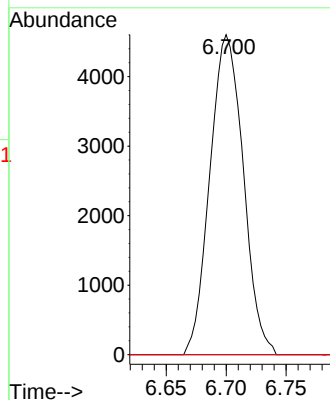
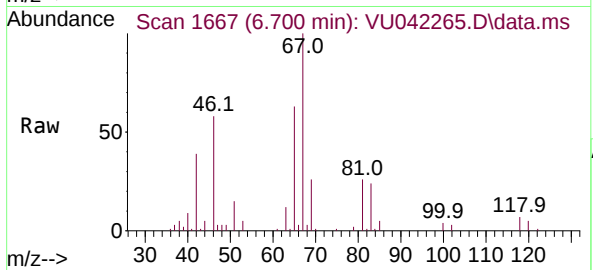
Delta R.T. -0.074 min

Lab File: VU042265.D

Acq: 04 Feb 2021 14:40

Tgt Ion:	83	Resp:	8908
Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.2	102.4#
98	0.8	39.7	59.5#

Instrument :
MSVOA_U
ClientSampleId :



#37

1,2-Dichloropropane

Concen: 0.67 ug/L

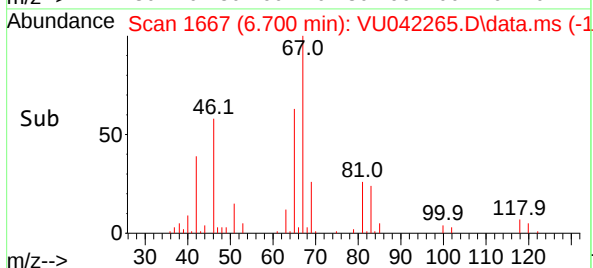
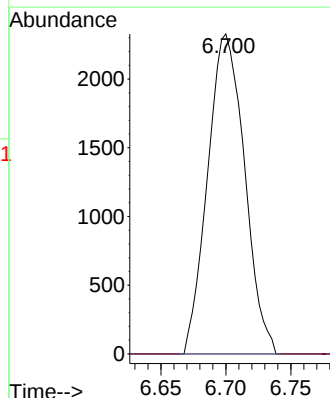
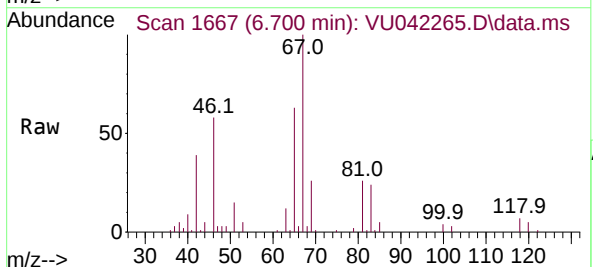
RT: 6.700 min Scan# 1667

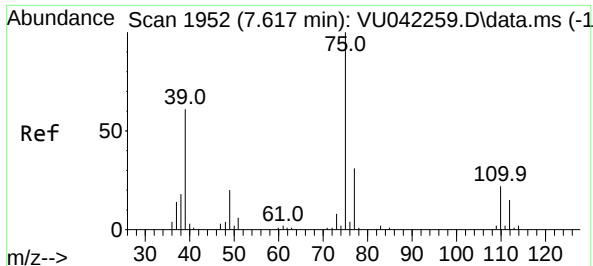
Delta R.T. -0.100 min

Lab File: VU042265.D

Acq: 04 Feb 2021 14:40

Tgt Ion:	63	Resp:	4605
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#



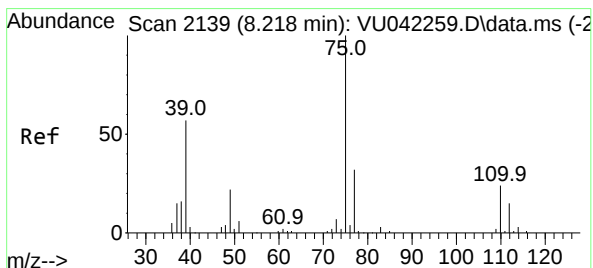
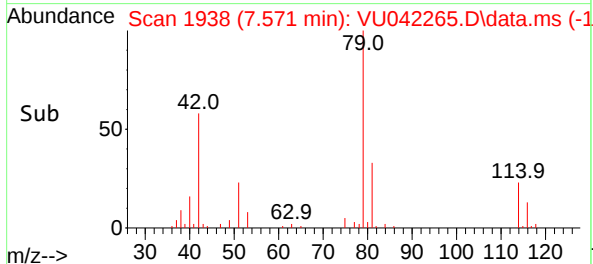
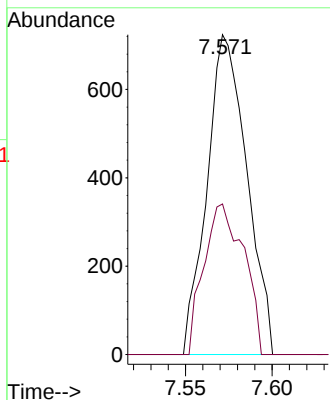
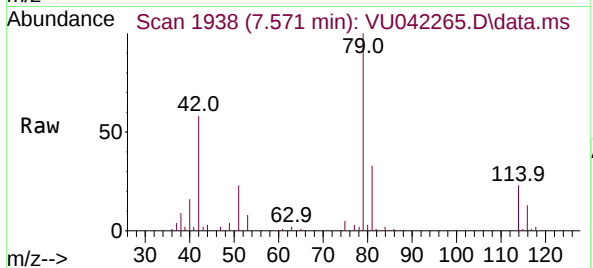


#39

cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042265.D
Acq: 04 Feb 2021 14:40

Instrument :
MSVOA_U
ClientSampled :

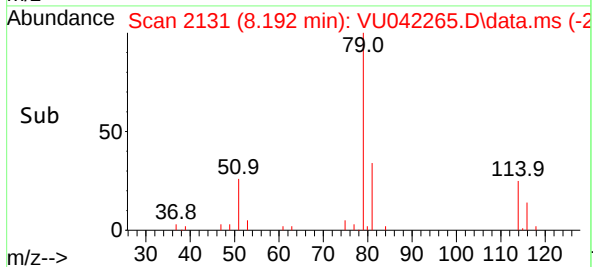
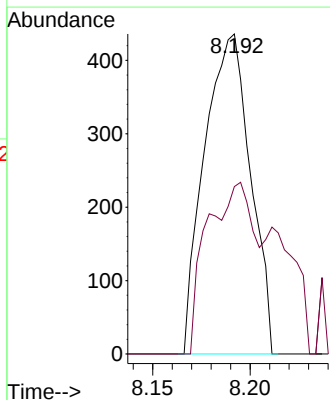
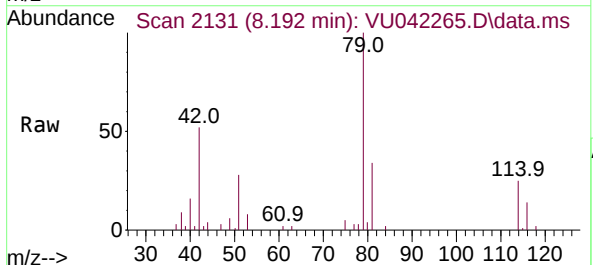
Tgt Ion: 75 Resp: 1157
Ion Ratio Lower Upper
75 100
77 47.1 22.0 40.8#

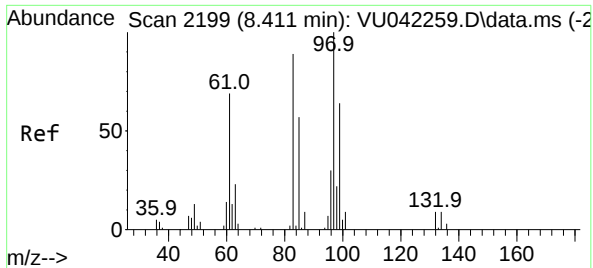


#44

trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.192 min Scan# 2131
Delta R.T. -0.026 min
Lab File: VU042265.D
Acq: 04 Feb 2021 14:40

Tgt Ion: 75 Resp: 714
Ion Ratio Lower Upper
75 100
77 52.3 21.8 40.4#



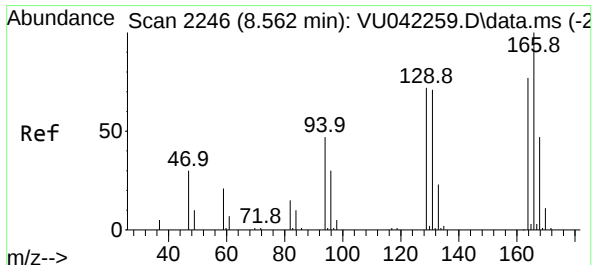
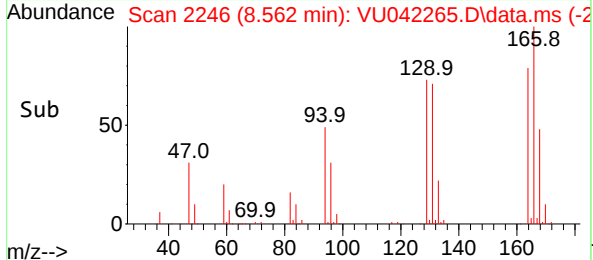
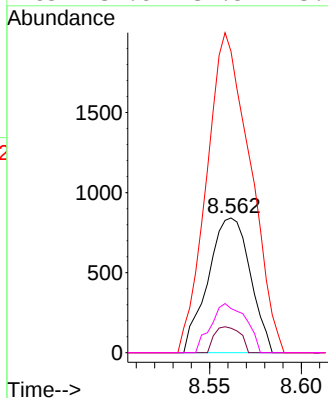
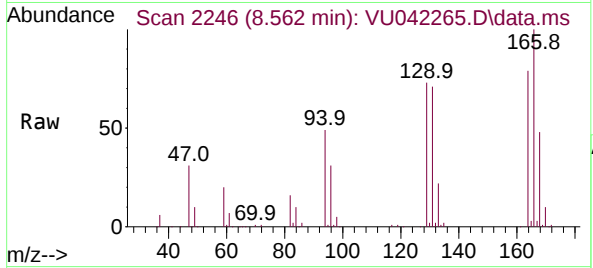


#45
1,1,2-Trichloroethane
Concen: 0.26 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.151 min
Lab File: VU042265.D
Acq: 04 Feb 2021 14:40

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 97 Resp: 1346

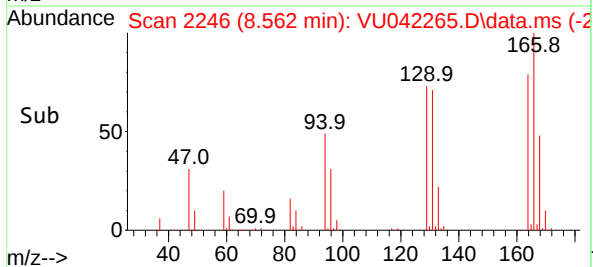
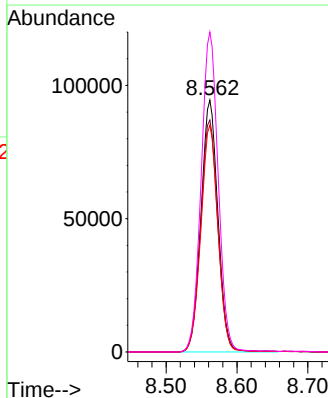
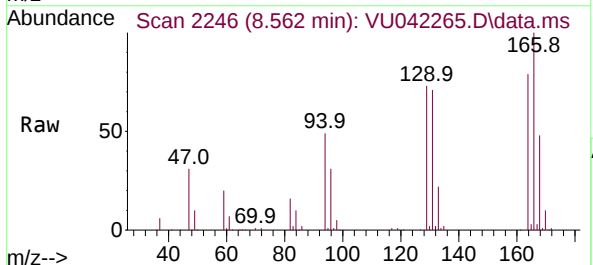
Ion	Ratio	Lower	Upper
97	100		
99	18.2	44.0	81.8#
83	223.5	57.6	107.0#
85	32.8	39.5	73.3#

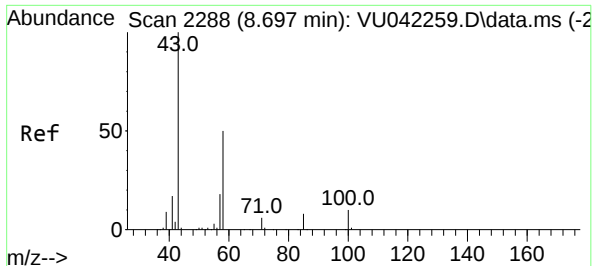


#47
Tetrachloroethene
Concen: 26.77 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042265.D
Acq: 04 Feb 2021 14:40

Tgt Ion: 164 Resp: 157285

Ion	Ratio	Lower	Upper
164	100		
129	92.1	64.3	119.5
131	90.1	62.2	115.6
166	127.0	88.6	164.6





#48

2-Hexanone

Concen: 2.65 ug/L

RT: 8.645 min Scan# 2272

Delta R.T. -0.052 min

Lab File: VU042265.D

Acq: 04 Feb 2021 14:40

Tgt Ion: 43 Resp: 10883

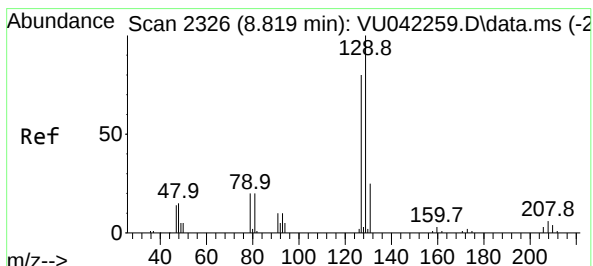
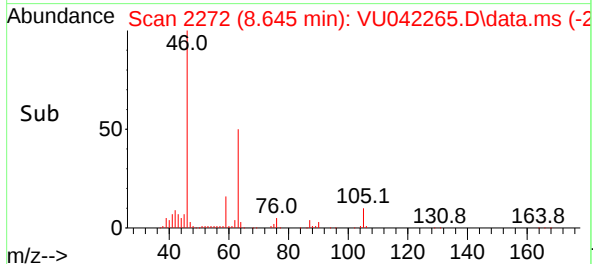
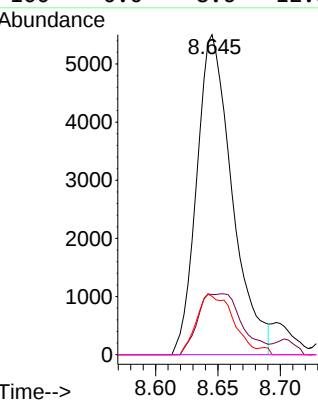
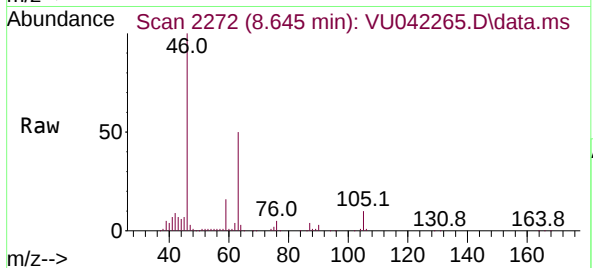
Ion Ratio Lower Upper

43 100

58 23.7 40.6 61.0#

57 19.5 14.9 22.3

100 0.0 8.6 12.8#



#49

Dibromochloromethane

Concen: 21.27 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. -0.258 min

Lab File: VU042265.D

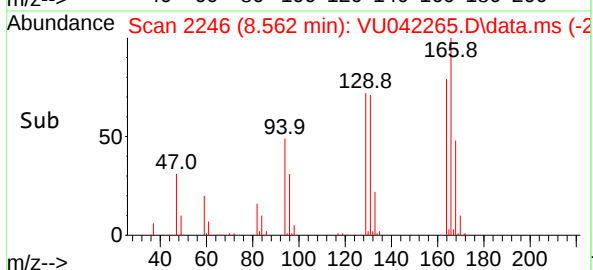
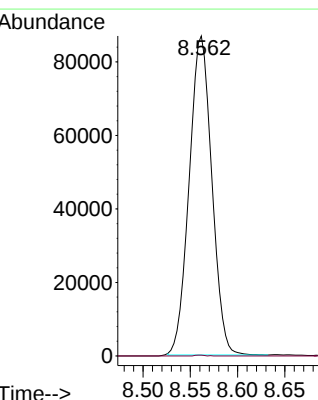
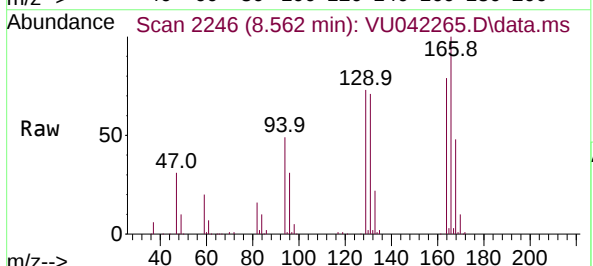
Acq: 04 Feb 2021 14:40

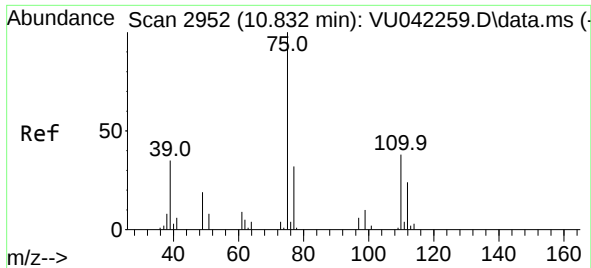
Tgt Ion:129 Resp: 144418

Ion Ratio Lower Upper

129 100

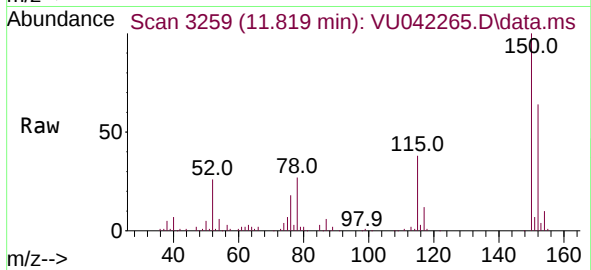
127 0.2 52.3 97.1#





#59
 1,2,3-Trichloropropane
 Concen: 1.11 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU042265.D
 Acq: 04 Feb 2021 14:40

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5386
 Ion Ratio Lower Upper
 75 100
 77 34.7 26.0 39.0

