

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042321\
 Data File : VU043315.D
 Acq On : 24 Apr 2021 01:09
 Operator : SY/MD
 Sample : M2124-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 26 08:38:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 24 07:55:52 2021
 Response via : Initial Calibration

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

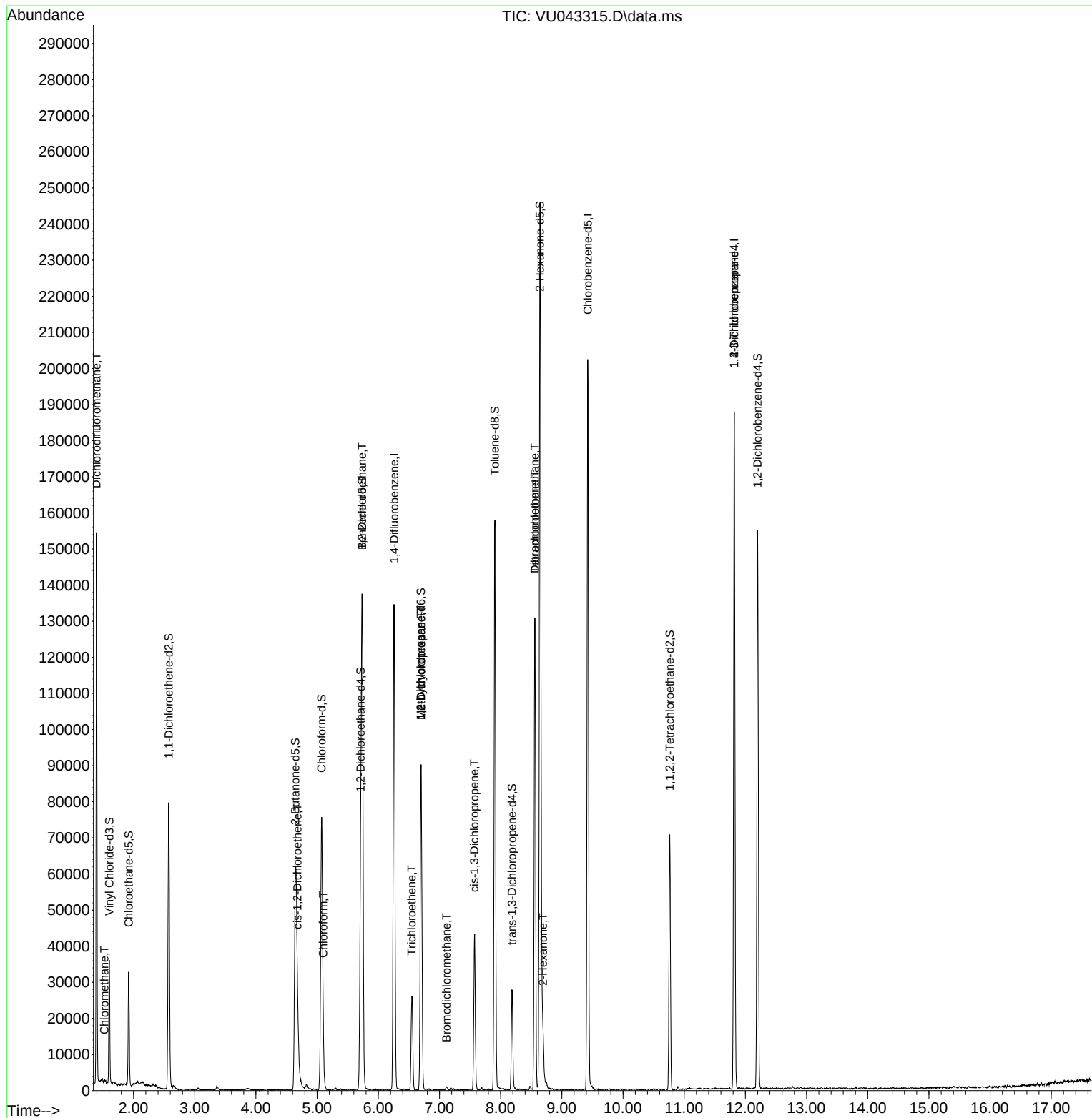
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	99373	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.424	117	99748	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	45661	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	22748	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.919	69	20570	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.575	65	15389	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.20%
20) 2-Butanone-d5	4.646	46	126997	57.30	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.60%
24) Chloroform-d	5.073	84	64192	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.710	65	42432	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.736	84	112554	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.700	67	38726	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.906	98	95837	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
43) trans-1,3-Dichloroprop...	8.186	79	13880	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.642	63	74162	43.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.44%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	32220	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
66) 1,2-Dichlorobenzene-d4	12.198	152	38089	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.395	85	1622	0.25	ug/L	100
3) Chloromethane	1.524	50	891	0.14	ug/L	85
22) cis-1,2-Dichloroethene	4.678	96	1591	0.23	ug/L	97
25) Chloroform	5.099	83	6741	0.49	ug/L	93
27) 1,2-Dichloroethane	5.736	62	817	0.08	ug/L #	74
34) Trichloroethene	6.546	95	8299	1.13	ug/L	97
35) Methylcyclohexane	6.700	83	8945	0.88	ug/L #	20
37) 1,2-Dichloropropane	6.700	63	4454	0.59	ug/L #	87
38) Bromodichloromethane	7.115	83	944	0.09	ug/L #	79
39) cis-1,3-Dichloropropene	7.572	75	1028	0.09	ug/L #	66
47) Tetrachloroethene	8.559	164	27988	4.81	ug/L	92
48) 2-Hexanone	8.694	43	7350	1.49	ug/L #	72
49) Dibromochloromethane	8.559	129	25170	3.56	ug/L #	9
61) 1,2,3-Trichloropropane	11.819	75	5677	1.20	ug/L #	65

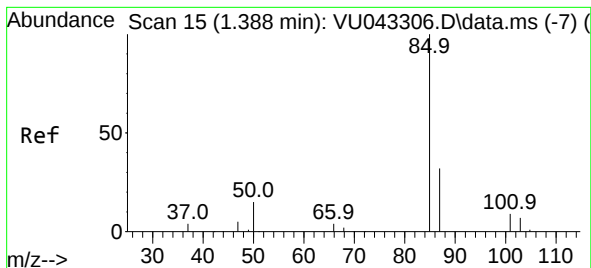
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.25 ug/L

RT: 1.395 min Scan# 17

Delta R.T. 0.007 min

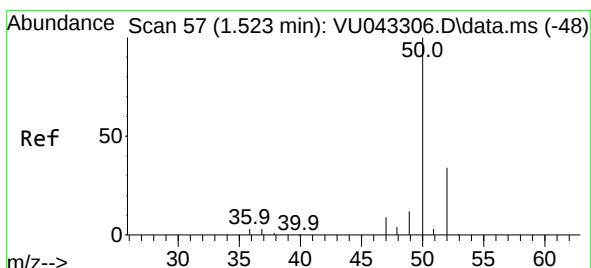
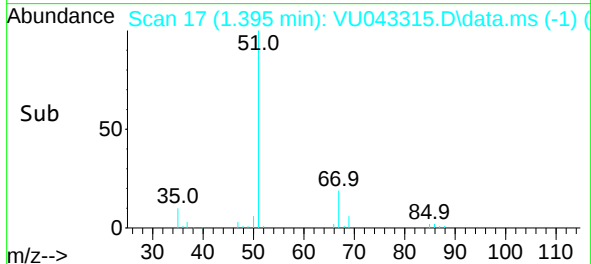
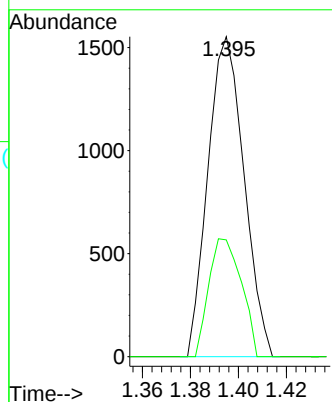
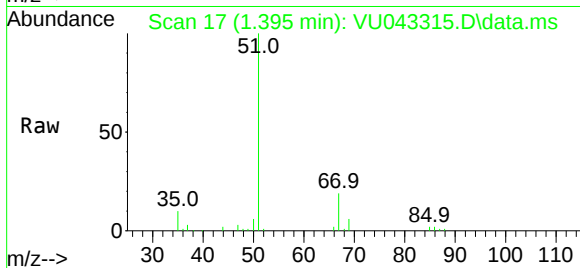
Lab File: VU043315.D

Acq: 24 Apr 2021 01:09

Tgt Ion: 85 Resp: 1622

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
85	100		
87	33.1	26.3	39.5



#3

Chloromethane

Concen: 0.14 ug/L

RT: 1.524 min Scan# 57

Delta R.T. 0.000 min

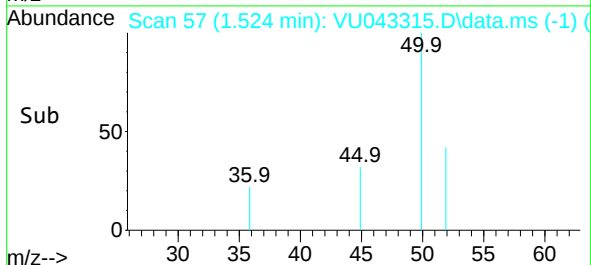
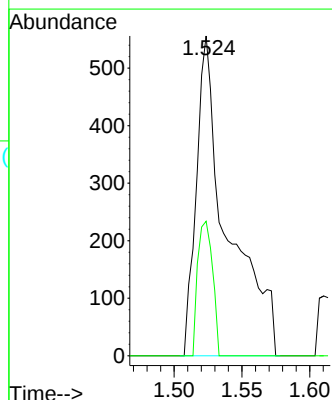
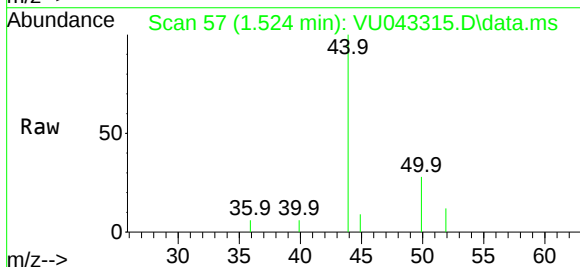
Lab File: VU043315.D

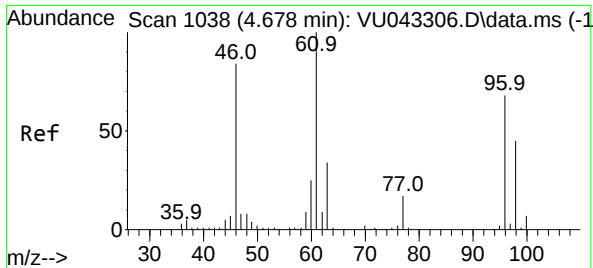
Acq: 24 Apr 2021 01:09

Tgt Ion: 50 Resp: 891

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
50	100		
52	42.1	23.6	43.8

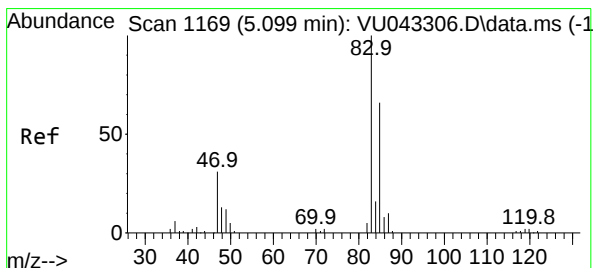
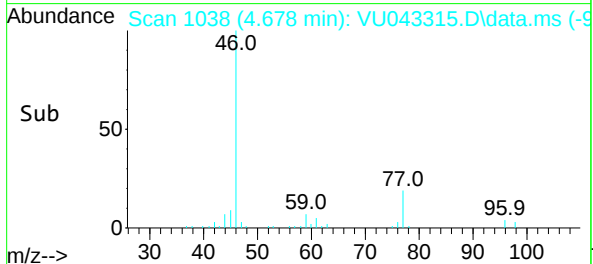
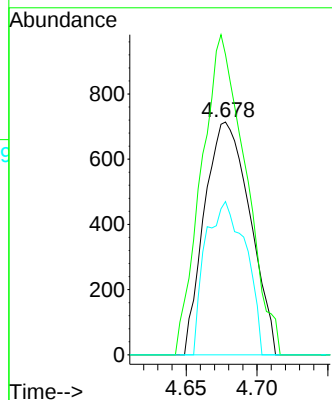
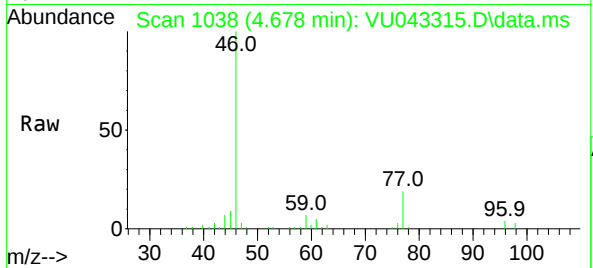




#22
cis-1,2-Dichloroethene
Concen: 0.23 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VU043315.D
Acq: 24 Apr 2021 01:09

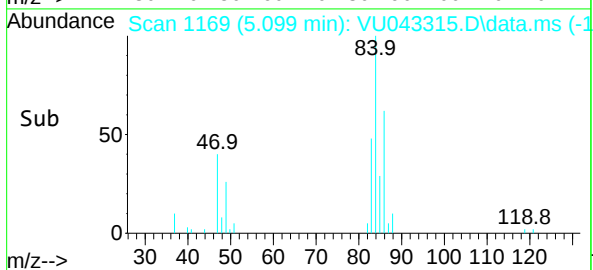
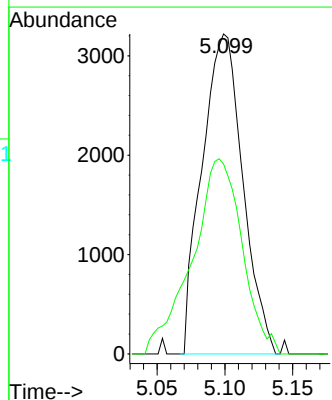
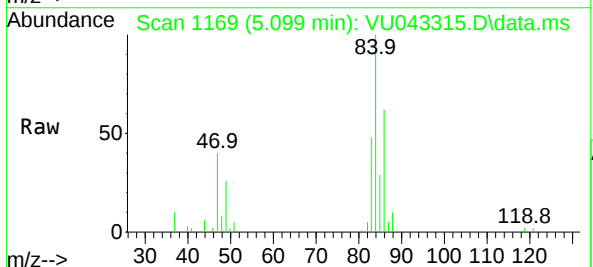
Instrument :
MSVOA_U
ClientSampled :

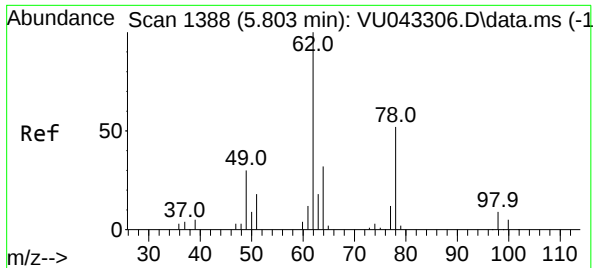
Tgt Ion: 96 Resp: 1591
Ion Ratio Lower Upper
96 100
61 129.0 87.4 162.4
98 65.8 47.7 88.5



#25
Chloroform
Concen: 0.49 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043315.D
Acq: 24 Apr 2021 01:09

Tgt Ion: 83 Resp: 6741
Ion Ratio Lower Upper
83 100
85 59.3 45.6 84.8

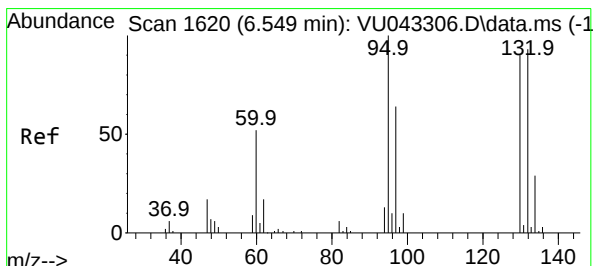
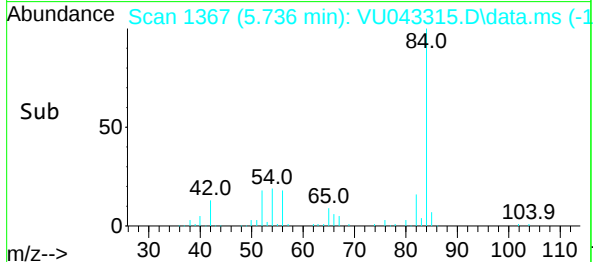
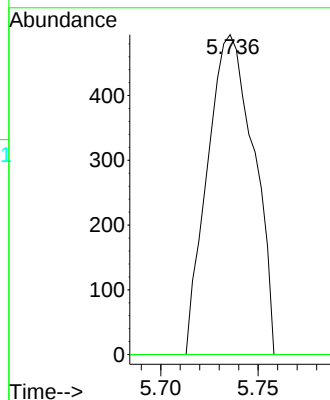
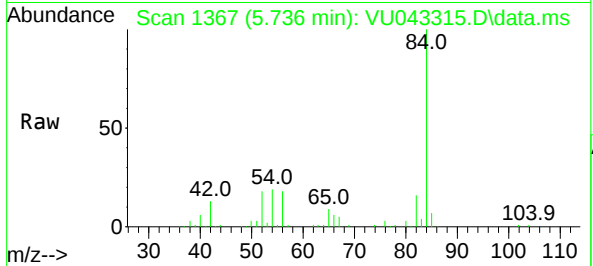




#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.736 min Scan# 1367
Delta R.T. -0.067 min
Lab File: VU043315.D
Acq: 24 Apr 2021 01:09

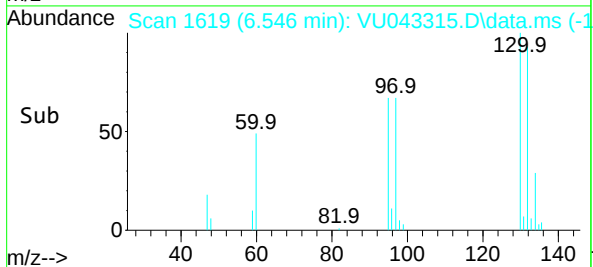
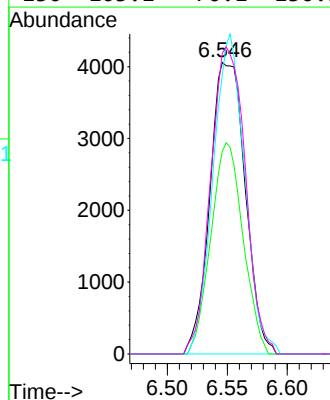
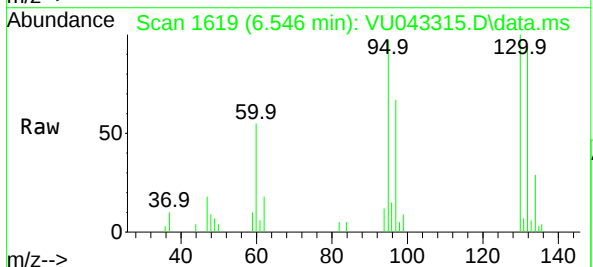
Instrument :
MSVOA_U
ClientSampleId :

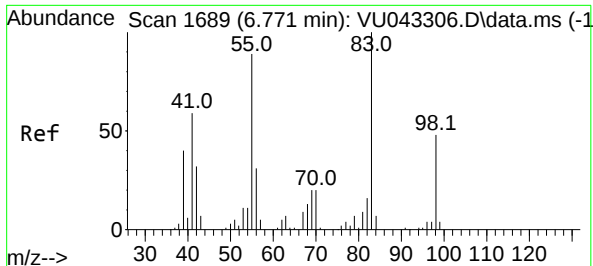
Tgt Ion: 62 Resp: 817
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#



#34
Trichloroethene
Concen: 1.13 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU043315.D
Acq: 24 Apr 2021 01:09

Tgt Ion: 95 Resp: 8299
Ion Ratio Lower Upper
95 100
97 69.5 45.8 85.2
132 95.6 68.7 127.7
130 103.1 70.1 130.3





#35

Methylcyclohexane

Concen: 0.88 ug/L

RT: 6.700 min Scan# 1667

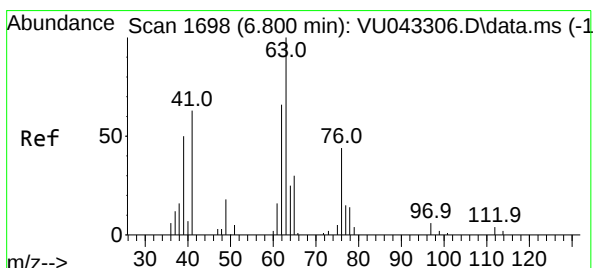
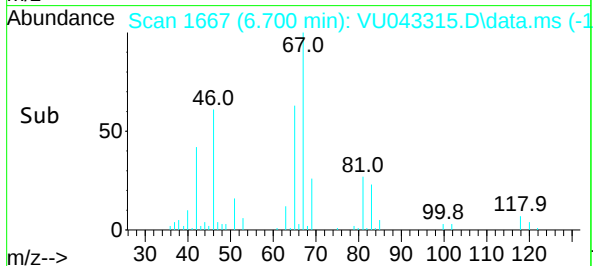
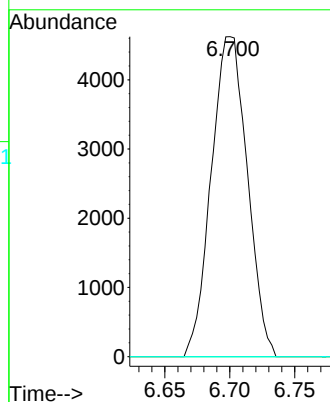
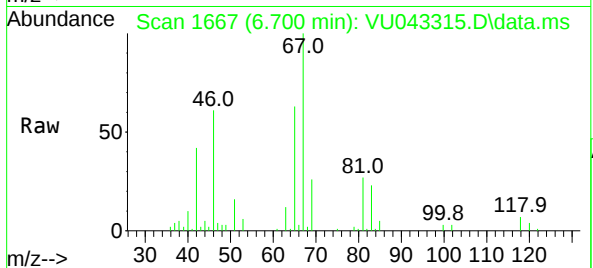
Delta R.T. -0.071 min

Lab File: VU043315.D

Acq: 24 Apr 2021 01:09

Tgt Ion:	83	Resp:	8945
Ion Ratio	Lower	Upper	
83	100		
55	0.0	59.5	89.3#
98	2.4	37.9	56.9#

Instrument :
MSVOA_U
ClientSampleId :



#37

1,2-Dichloropropane

Concen: 0.59 ug/L

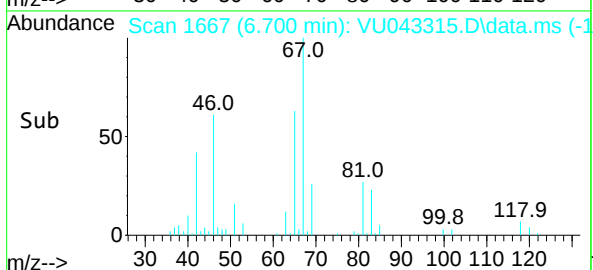
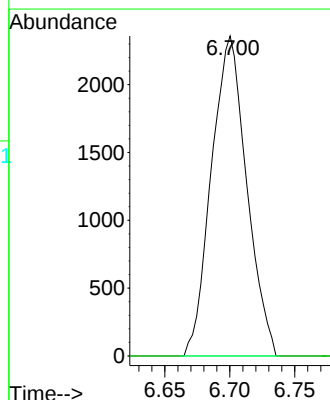
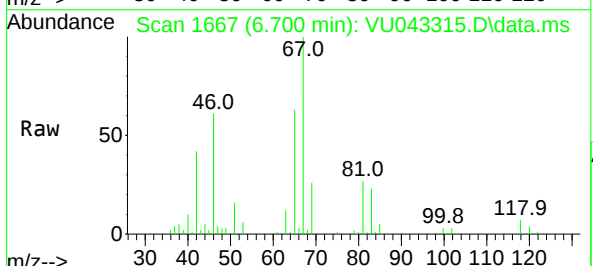
RT: 6.700 min Scan# 1667

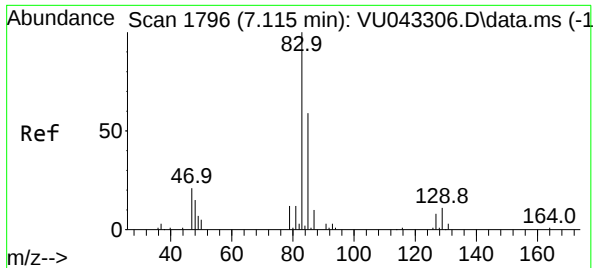
Delta R.T. -0.099 min

Lab File: VU043315.D

Acq: 24 Apr 2021 01:09

Tgt Ion:	63	Resp:	4454
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.5	5.3#

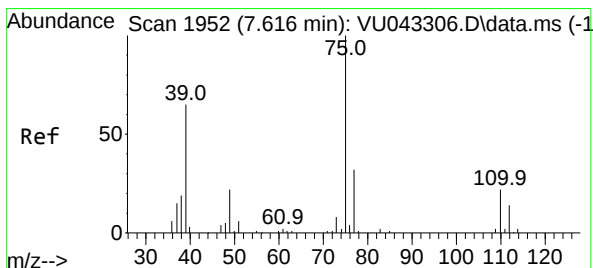
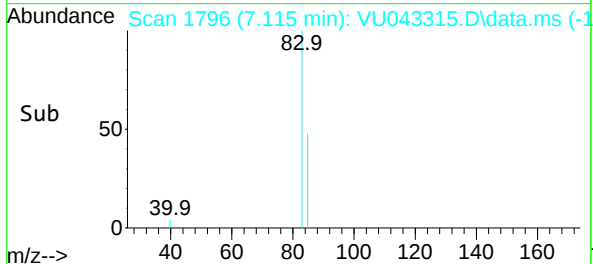
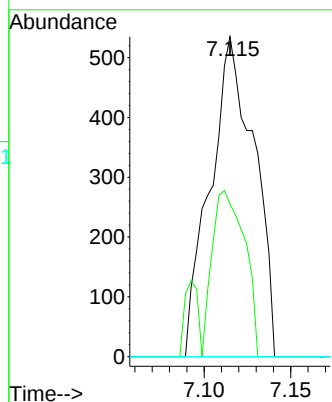
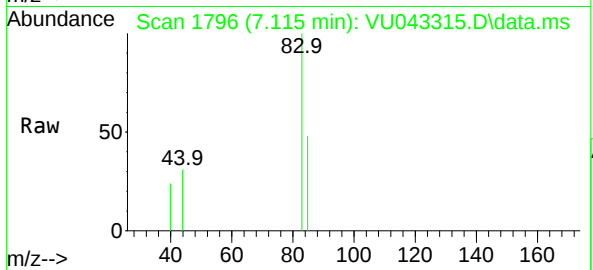




#38
Bromodichloromethane
Concen: 0.09 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU043315.D
Acq: 24 Apr 2021 01:09

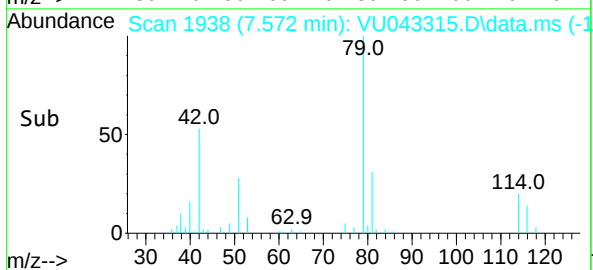
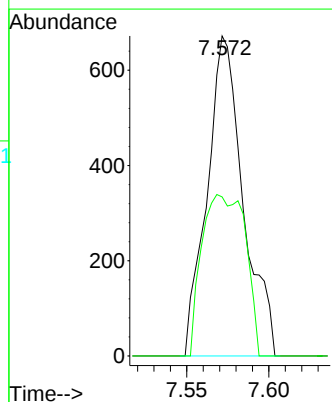
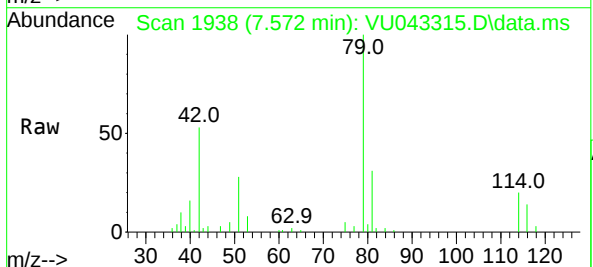
Instrument :
MSVOA_U
ClientSampleId :

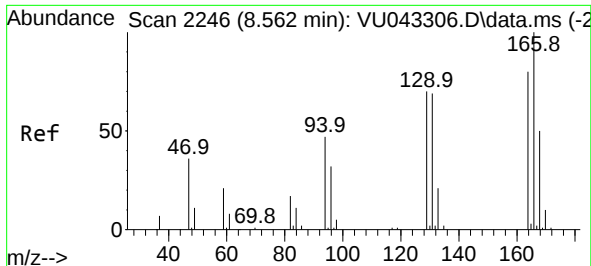
Tgt Ion: 83 Resp: 944
Ion Ratio Lower Upper
83 100
85 47.7 44.6 82.8
127 0.0 7.4 11.2#



#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.572 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU043315.D
Acq: 24 Apr 2021 01:09

Tgt Ion: 75 Resp: 1028
Ion Ratio Lower Upper
75 100
77 49.7 21.8 40.6#





#47

Tetrachloroethene

Concen: 4.81 ug/L

RT: 8.559 min Scan# 2245

Delta R.T. -0.003 min

Lab File: VU043315.D

Acq: 24 Apr 2021 01:09

Tgt Ion:164 Resp: 27988

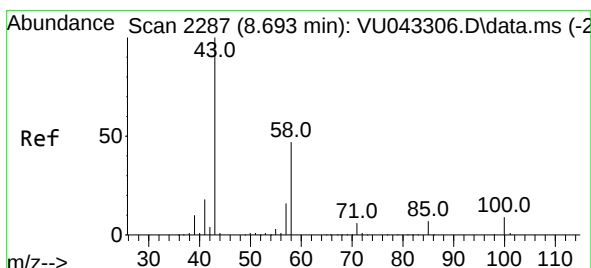
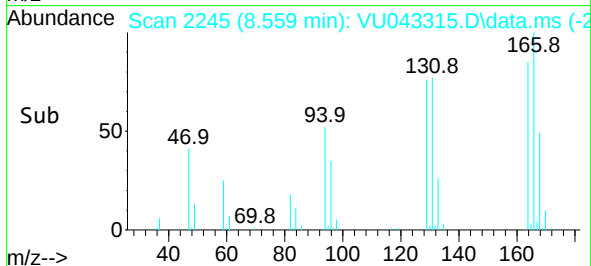
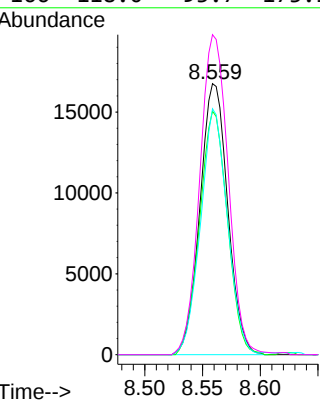
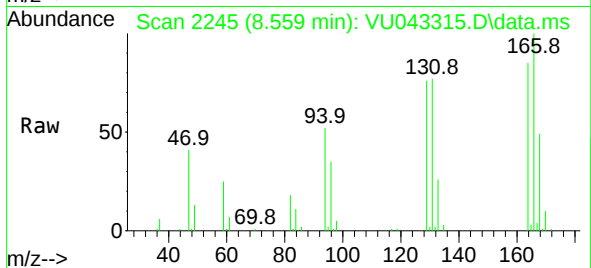
Ion Ratio Lower Upper

164 100

129 89.8 66.6 123.8

131 90.7 65.9 122.3

166 118.0 93.7 173.9



#48

2-Hexanone

Concen: 1.49 ug/L

RT: 8.694 min Scan# 2287

Delta R.T. 0.000 min

Lab File: VU043315.D

Acq: 24 Apr 2021 01:09

Tgt Ion: 43 Resp: 7350

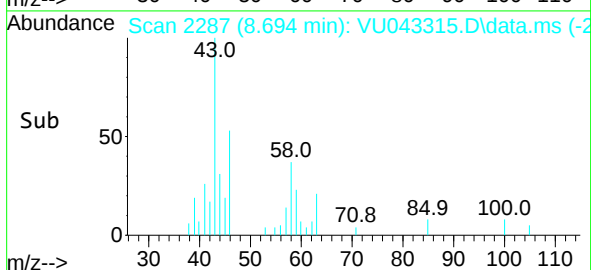
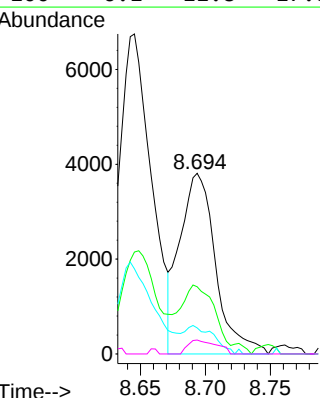
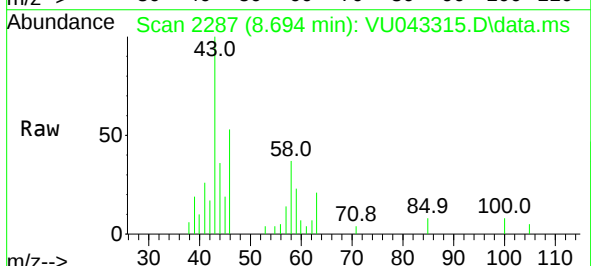
Ion Ratio Lower Upper

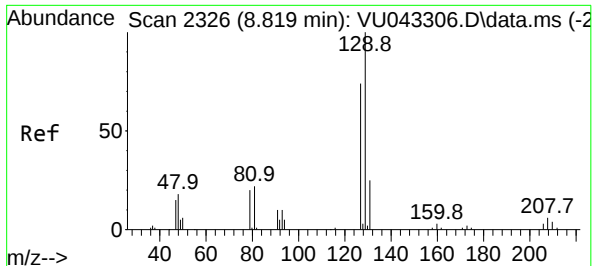
43 100

58 37.5 50.0 75.0#

57 12.6 17.4 26.0#

100 6.1 11.8 17.8#





#49

Dibromochloromethane

Concen: 3.56 ug/L

RT: 8.559 min Scan# 2245

Delta R.T. -0.260 min

Lab File: VU043315.D

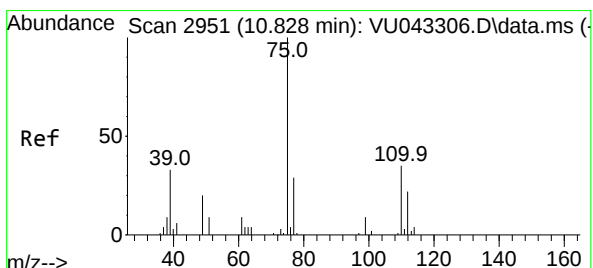
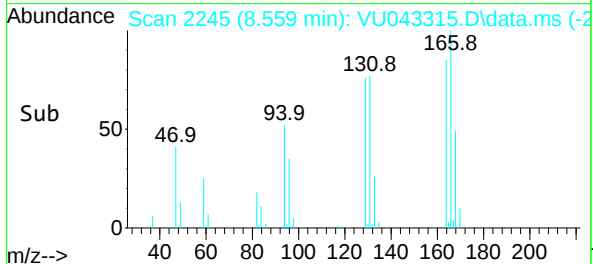
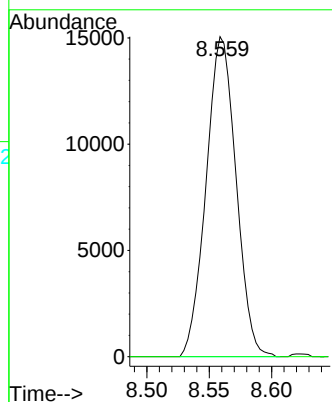
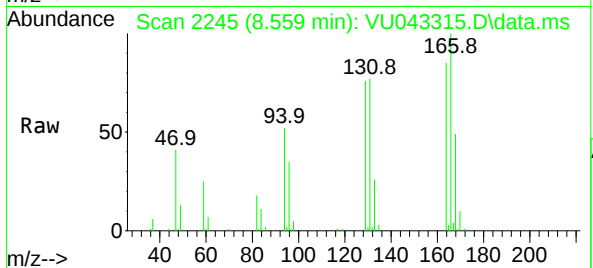
Acq: 24 Apr 2021 01:09

Tgt Ion:129 Resp: 25170

Ion Ratio Lower Upper

129 100

127 0.0 56.6 105.2#



#61

1,2,3-Trichloropropane

Concen: 1.20 ug/L

RT: 11.819 min Scan# 3259

Delta R.T. 0.990 min

Lab File: VU043315.D

Acq: 24 Apr 2021 01:09

Tgt Ion: 75 Resp: 5677

Ion Ratio Lower Upper

75 100

110 1.1 31.5 47.3#

77 33.8 26.3 39.5

