

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042321\
 Data File : VU043313.D
 Acq On : 24 Apr 2021 00:21
 Operator : SY/MD
 Sample : M2124-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 26 08:37:39 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)

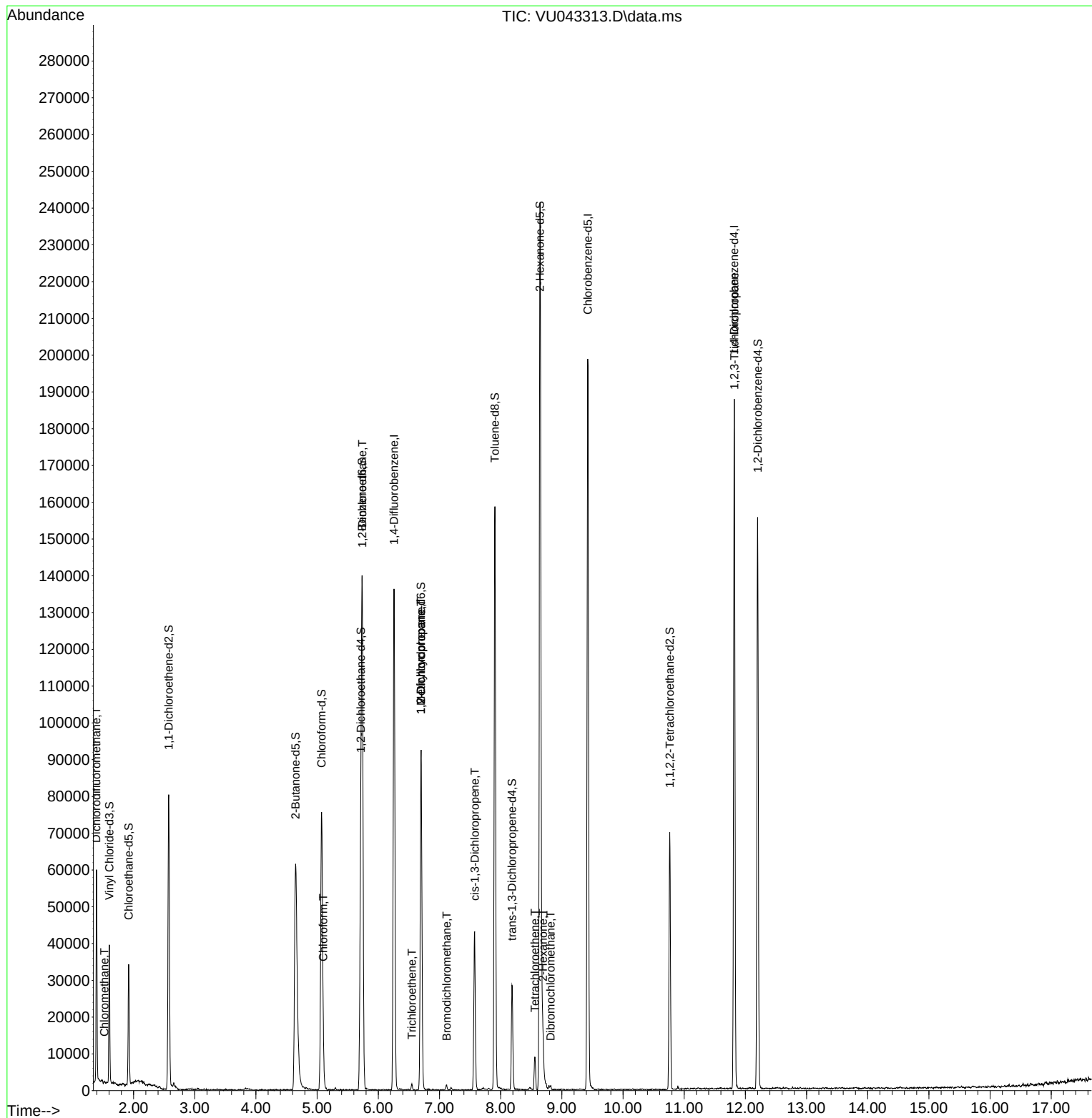
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	99995	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	99486	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	45488	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	23562	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.919	69	21765	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.575	65	15557	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.80%
20) 2-Butanone-d5	4.649	46	121882	54.65	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.30%
24) Chloroform-d	5.073	84	65478	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.713	65	40724	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.736	84	115192	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.697	67	39508	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.906	98	95999	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloroprop...	8.186	79	14147	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.642	63	72401	42.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.58%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	32370	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
66) 1,2-Dichlorobenzene-d4	12.201	152	37648	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.392	85	769	0.12	ug/L	# 85
3) Chloromethane	1.523	50	722	0.11	ug/L	94
25) Chloroform	5.099	83	5521	0.40	ug/L	98
27) 1,2-Dichloroethane	5.739	62	807	0.08	ug/L	# 74
34) Trichloroethene	6.549	95	440	0.06	ug/L	92
35) Methylcyclohexane	6.700	83	9123	0.90	ug/L	# 19
37) 1,2-Dichloropropane	6.697	63	4652	0.62	ug/L	# 87
38) Bromodichloromethane	7.118	83	1044	0.10	ug/L	# 92
39) cis-1,3-Dichloropropene	7.578	75	1113	0.10	ug/L	# 73
47) Tetrachloroethene	8.559	164	1964	0.34	ug/L	96
48) 2-Hexanone	8.690	43	5253	1.07	ug/L	# 79
49) Dibromochloromethane	8.819	129	485	0.07	ug/L	83
61) 1,2,3-Trichloropropane	11.822	75	5670	1.21	ug/L	# 63

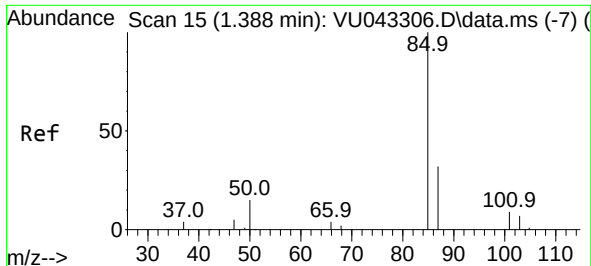
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

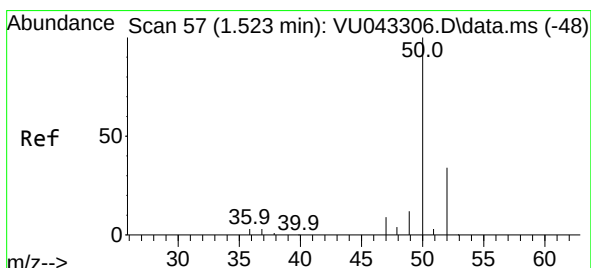
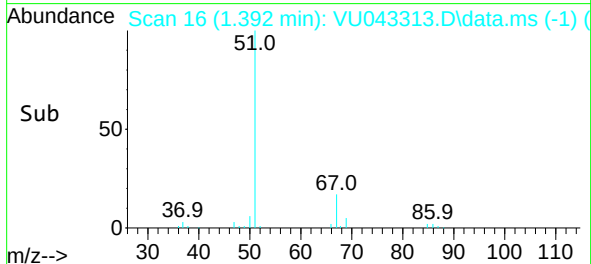
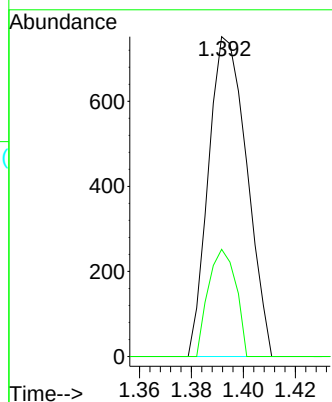
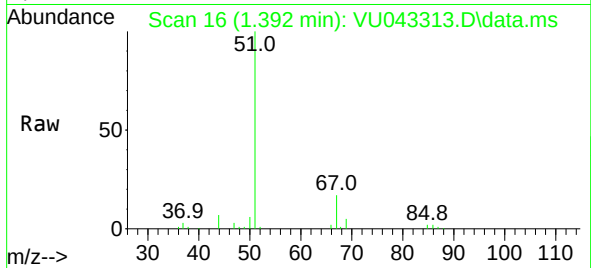




#2
Dichlorodifluoromethane
Concen: 0.12 ug/L
RT: 1.392 min Scan# 16
Delta R.T. 0.003 min
Lab File: VU043313.D
Acq: 24 Apr 2021 00:21

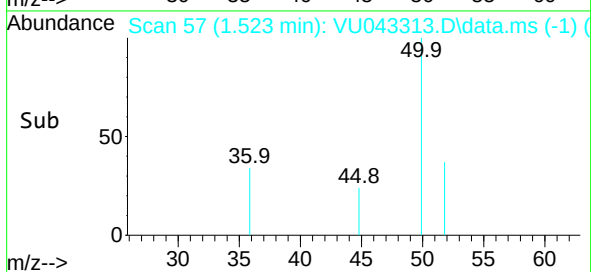
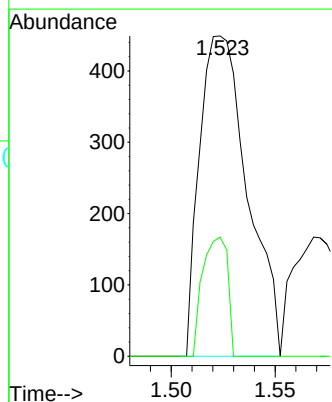
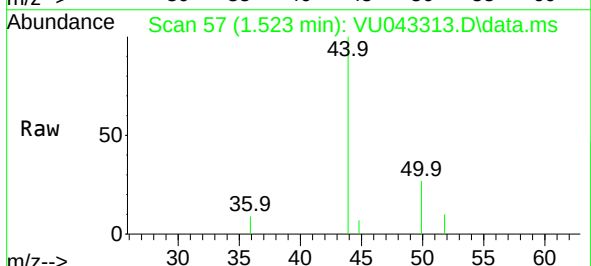
Instrument :
MSVOA_U
ClientSampleId :

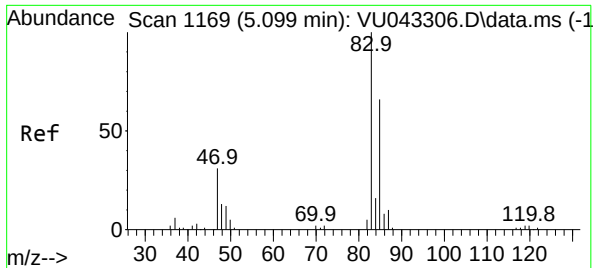
Tgt Ion: 85 Resp: 769
Ion Ratio Lower Upper
85 100
87 24.2 26.3 39.5#



#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU043313.D
Acq: 24 Apr 2021 00:21

Tgt Ion: 50 Resp: 722
Ion Ratio Lower Upper
50 100
52 37.2 23.6 43.8





#25

Chloroform

Concen: 0.40 ug/L

RT: 5.099 min Scan# 1169

Delta R.T. 0.000 min

Lab File: VU043313.D

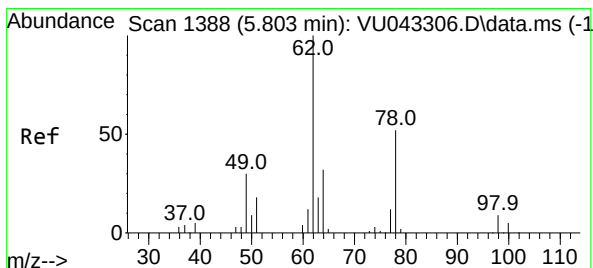
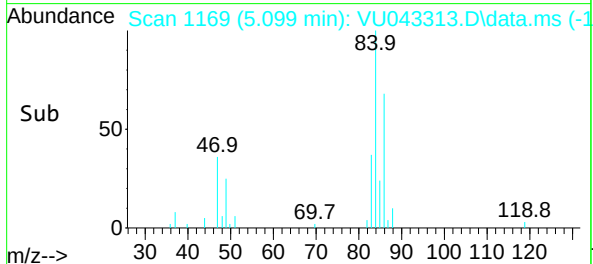
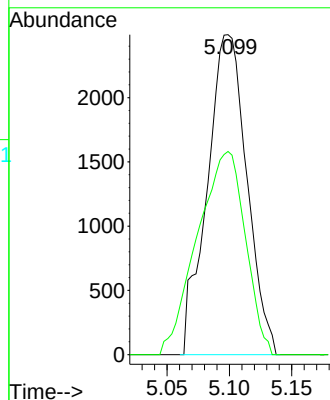
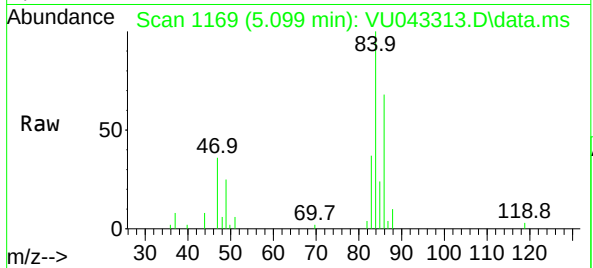
Acq: 24 Apr 2021 00:21

Tgt Ion: 83 Resp: 5521

Ion Ratio Lower Upper

83 100

85 63.5 45.6 84.8



#27

1,2-Dichloroethane

Concen: 0.08 ug/L

RT: 5.739 min Scan# 1368

Delta R.T. -0.064 min

Lab File: VU043313.D

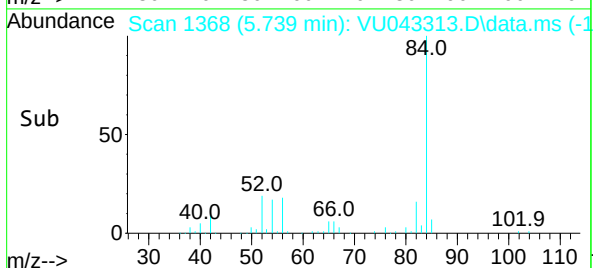
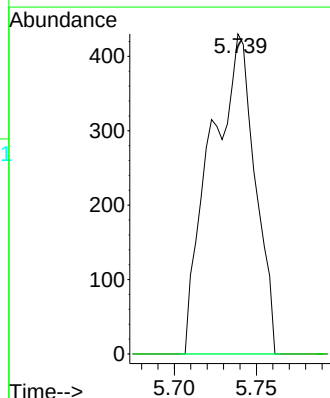
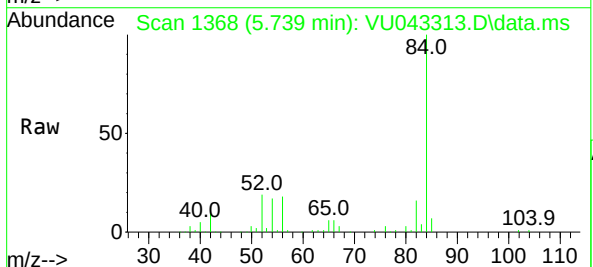
Acq: 24 Apr 2021 00:21

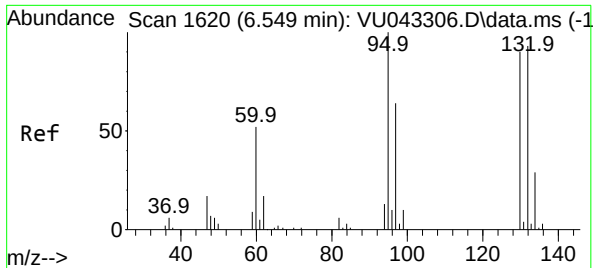
Tgt Ion: 62 Resp: 807

Ion Ratio Lower Upper

62 100

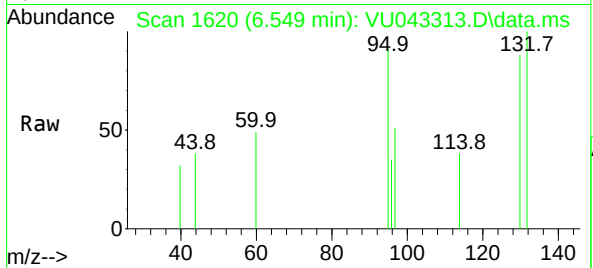
98 0.0 7.5 11.3#





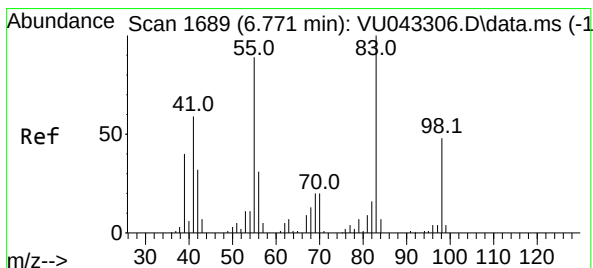
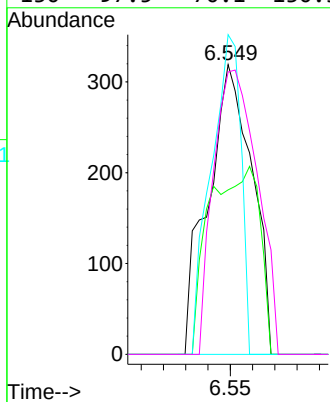
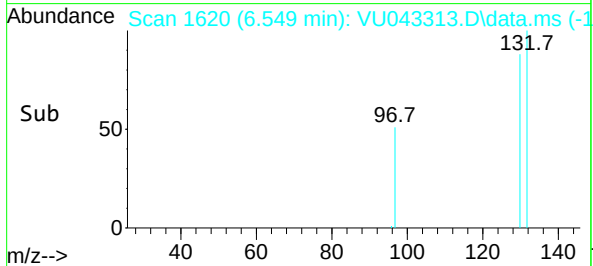
#34
Trichloroethene
Concen: 0.06 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU043313.D
Acq: 24 Apr 2021 00:21

Instrument :
MSVOA_U
ClientSampled :

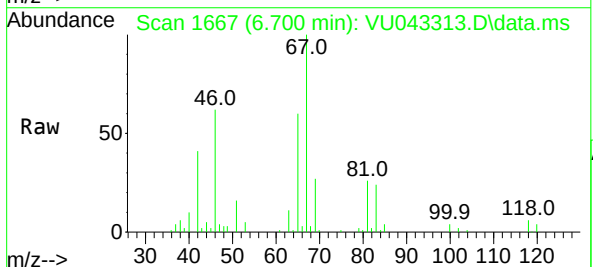


Tgt Ion: 95 Resp: 440

Ion	Ratio	Lower	Upper
95	100		
97	56.7	45.8	85.2
132	110.3	68.7	127.7
130	97.5	70.1	130.3

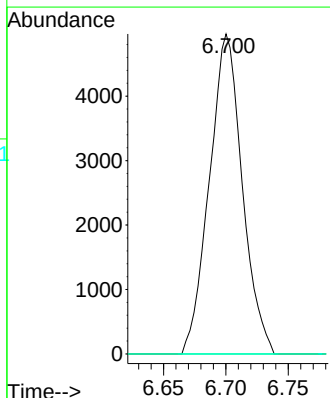
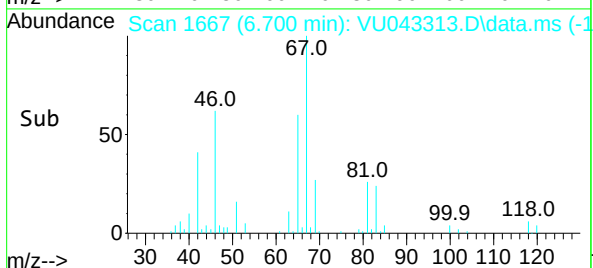


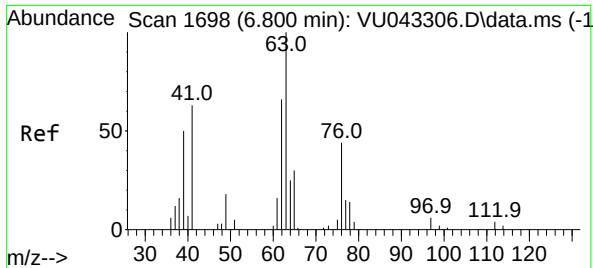
#35
Methylcyclohexane
Concen: 0.90 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043313.D
Acq: 24 Apr 2021 00:21



Tgt Ion: 83 Resp: 9123

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	0.0	37.9	56.9#

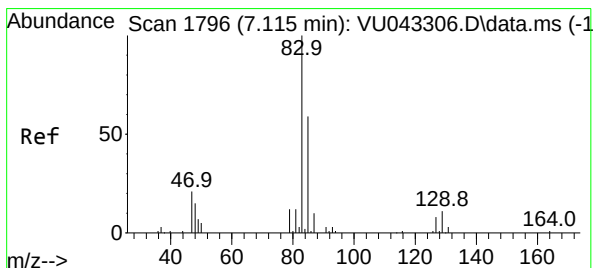
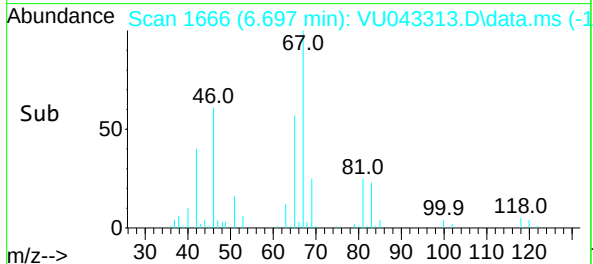
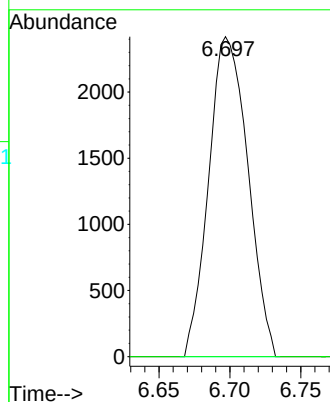
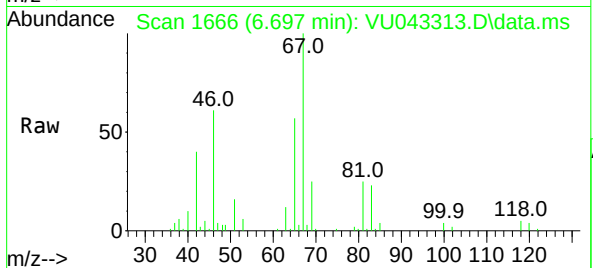




#37
1,2-Dichloropropane
Concen: 0.62 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU043313.D
Acq: 24 Apr 2021 00:21

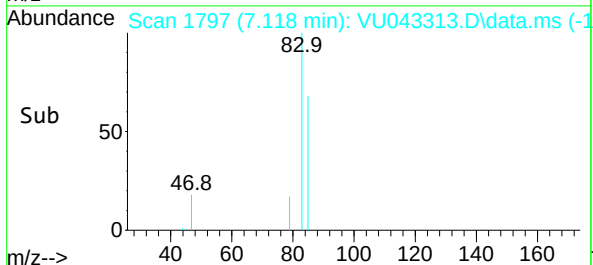
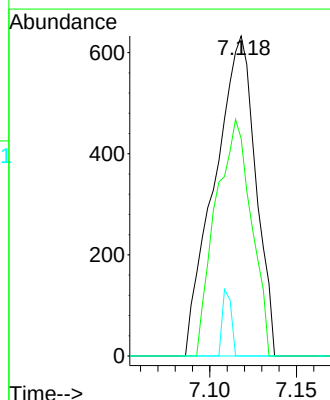
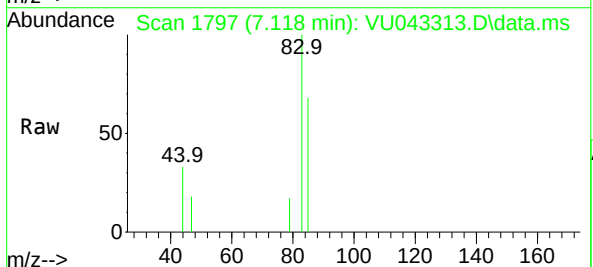
Instrument :
MSVOA_U
ClientSampled :

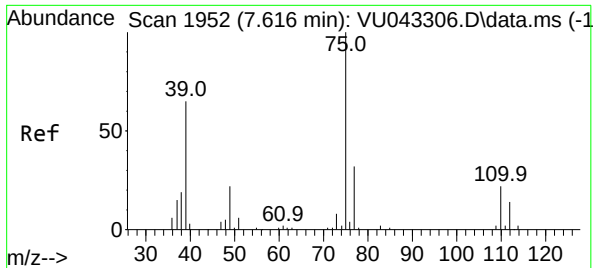
Tgt Ion: 63 Resp: 4652
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#38
Bromodichloromethane
Concen: 0.10 ug/L
RT: 7.118 min Scan# 1797
Delta R.T. 0.003 min
Lab File: VU043313.D
Acq: 24 Apr 2021 00:21

Tgt Ion: 83 Resp: 1044
Ion Ratio Lower Upper
83 100
85 67.9 44.6 82.8
127 0.0 7.4 11.2#

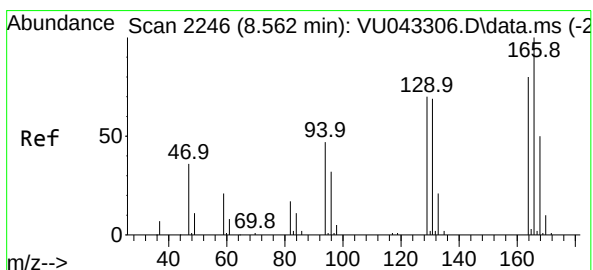
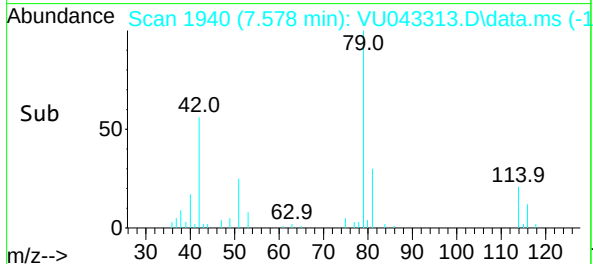
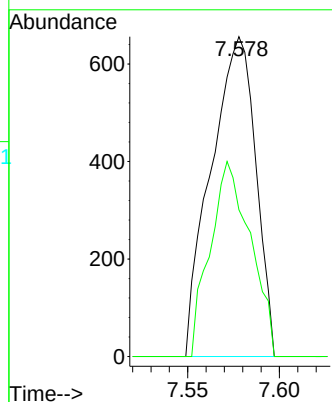
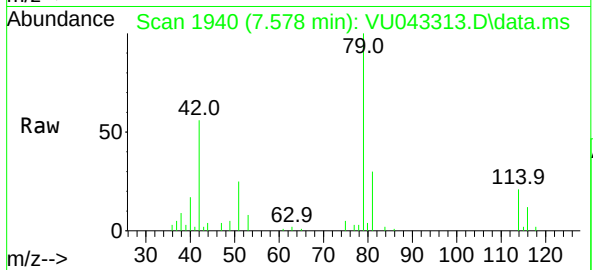




#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.038 min
Lab File: VU043313.D
Acq: 24 Apr 2021 00:21

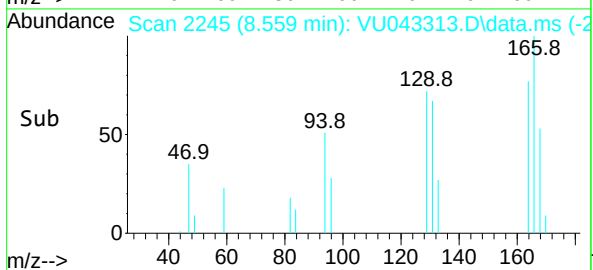
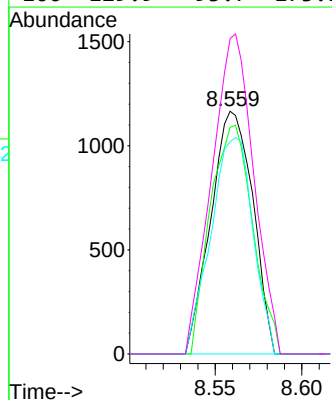
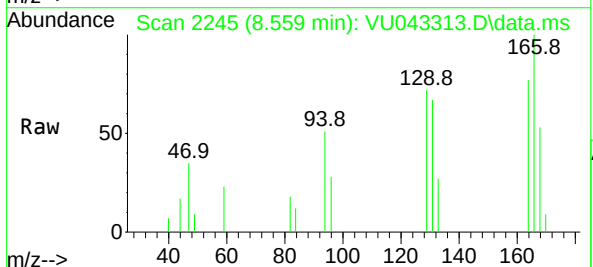
Instrument :
MSVOA_U
ClientSampleId :

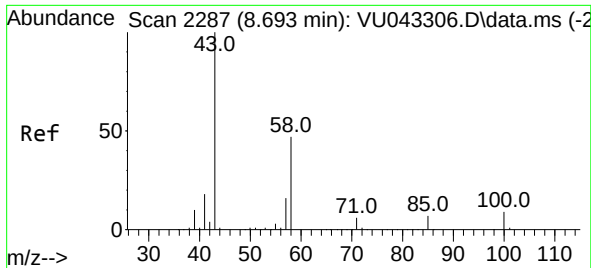
Tgt Ion: 75 Resp: 1113
Ion Ratio Lower Upper
75 100
77 45.9 21.8 40.6#



#47
Tetrachloroethene
Concen: 0.34 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU043313.D
Acq: 24 Apr 2021 00:21

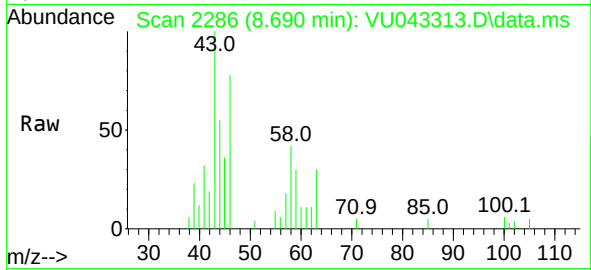
Tgt Ion: 164 Resp: 1964
Ion Ratio Lower Upper
164 100
129 93.4 66.6 123.8
131 87.5 65.9 122.3
166 129.9 93.7 173.9



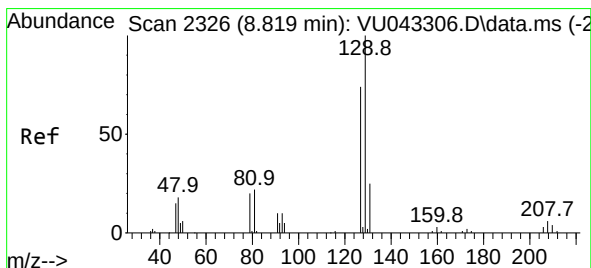
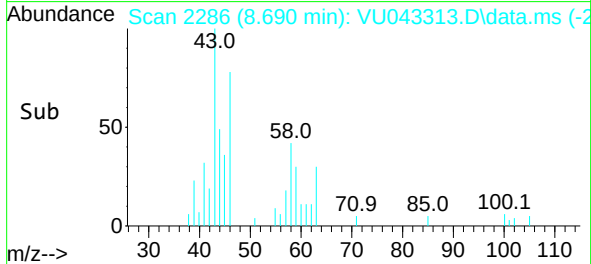
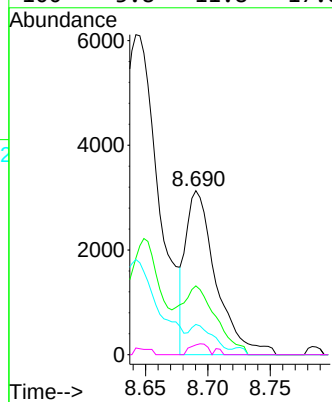


#48
2-Hexanone
Concen: 1.07 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.003 min
Lab File: VU043313.D
Acq: 24 Apr 2021 00:21

Instrument :
MSVOA_U
ClientSampled :

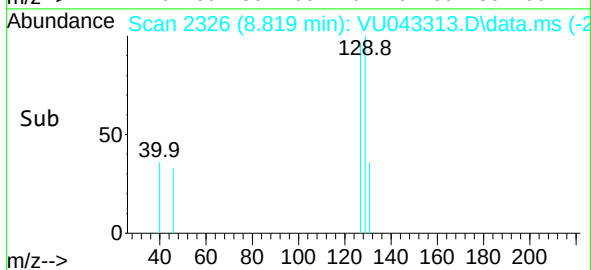
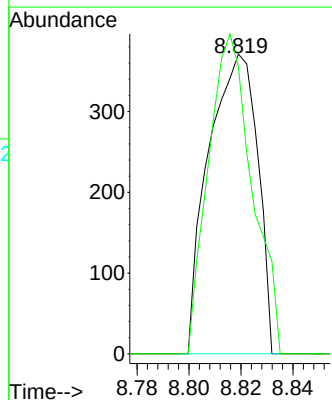
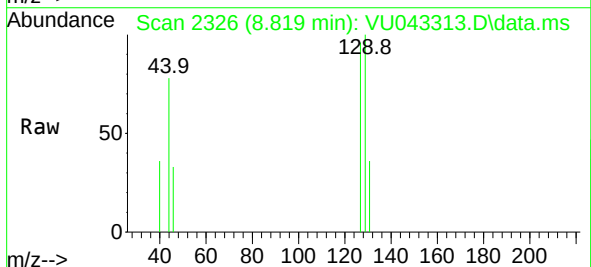


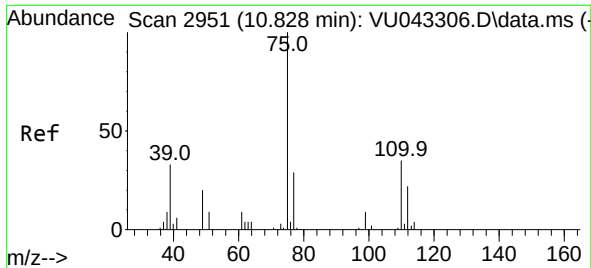
Tgt Ion:	43	58	57	100
Ratio	100	46.4	13.6	3.8
Lower		50.0	17.4	11.8
Upper		75.0#	26.0#	17.8#



#49
Dibromochloromethane
Concen: 0.07 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VU043313.D
Acq: 24 Apr 2021 00:21

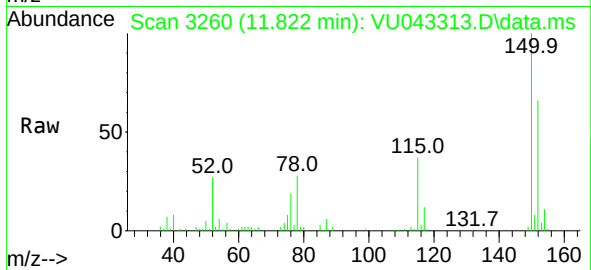
Tgt Ion:	129	127
Ratio	100	95.7
Lower		56.6
Upper		105.2





#61
1,2,3-Trichloropropane
Concen: 1.21 ug/L
RT: 11.822 min Scan# 3260
Delta R.T. 0.994 min
Lab File: VU043313.D
Acq: 24 Apr 2021 00:21

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 5670
Ion Ratio Lower Upper
75 100
110 0.4 31.5 47.3#
77 35.4 26.3 39.5

