

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
 Data File : VU043471.D
 Acq On : 30 Apr 2021 13:16
 Operator : SY/MD
 Sample : M2197-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 30 14:38:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 30 08:34:29 2021
 Response via : Initial Calibration

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

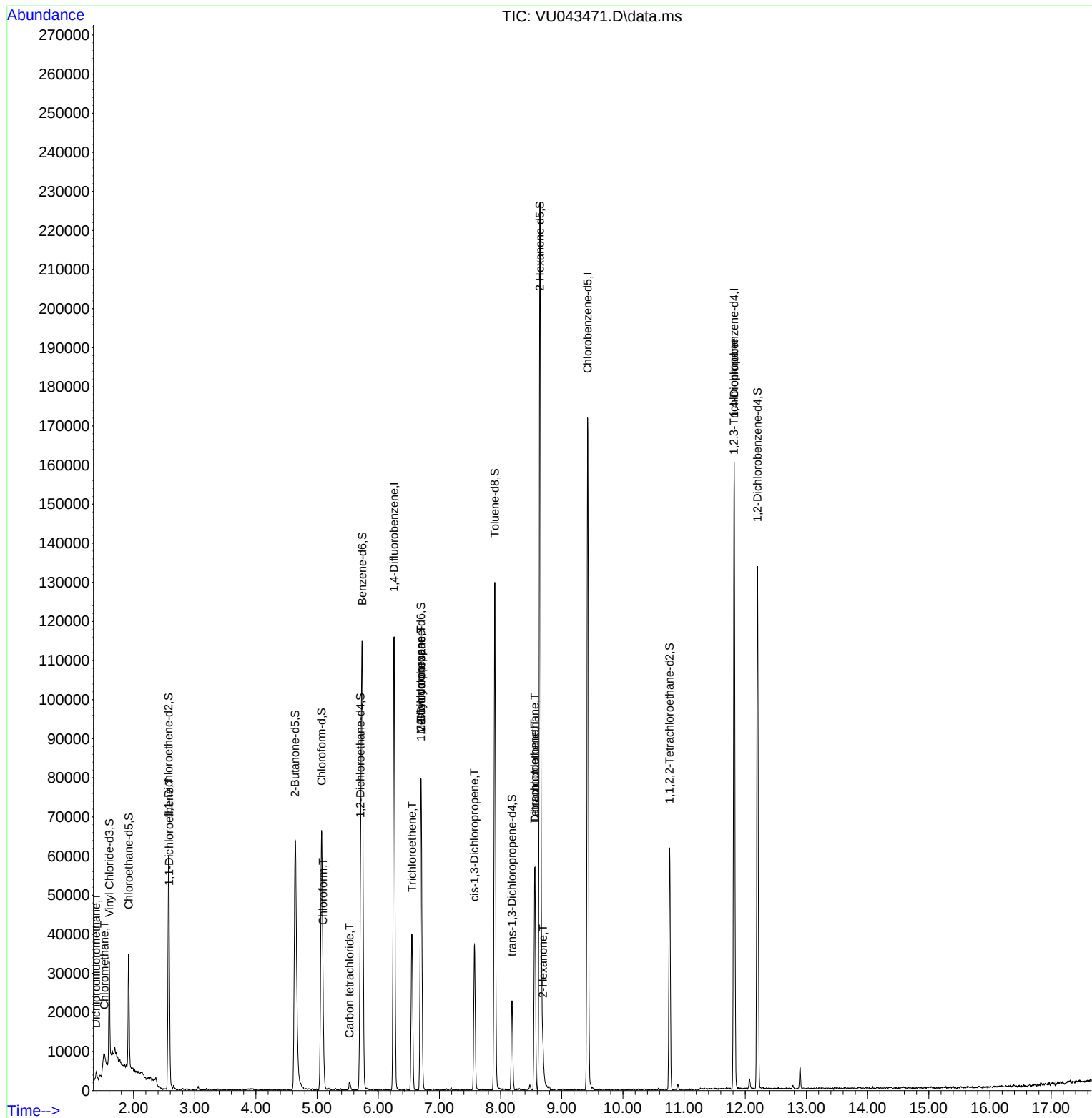
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	85207	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	85693	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	38352	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	17348	4.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.00%
7) Chloroethane-d5	1.919	69	18870	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.571	65	10813	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.20%
20) 2-Butanone-d5	4.642	46	111420	58.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.26%
24) Chloroform-d	5.073	84	56096	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.710	65	35394	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.738	84	95887	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.700	67	34634	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.906	98	79006	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.20%
43) trans-1,3-Dichloroprop...	8.185	79	11968	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.642	63	67931	46.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.22%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	29683	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	31921	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	628	0.11	ug/L	# 83
3) Chloromethane	1.523	50	1043	0.19	ug/L	86
12) 1,1-Dichloroethene	2.584	96	1527	0.32	ug/L	# 1
25) Chloroform	5.095	83	9200	0.78	ug/L	99
31) Carbon tetrachloride	5.529	117	1288	0.15	ug/L	86
34) Trichloroethene	6.552	95	12806	2.03	ug/L	96
35) Methylcyclohexane	6.700	83	8099	0.93	ug/L	# 19
37) 1,2-Dichloropropane	6.697	63	4078	0.63	ug/L	# 87
39) cis-1,3-Dichloropropene	7.571	75	822	0.09	ug/L	# 77
47) Tetrachloroethene	8.558	164	12076	2.41	ug/L	96
48) 2-Hexanone	8.693	43	4555	1.07	ug/L	# 82
49) Dibromochloromethane	8.562	129	11410	1.88	ug/L	# 9
61) 1,2,3-Trichloropropane	11.815	75	5079	1.28	ug/L	# 66

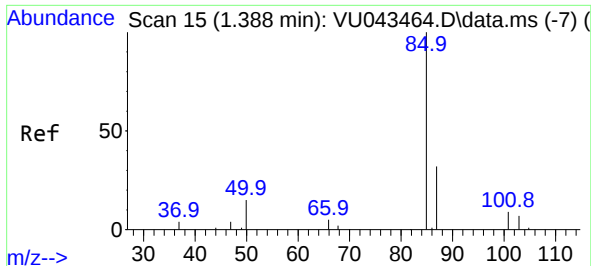
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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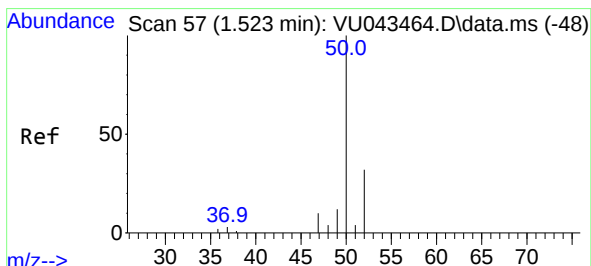
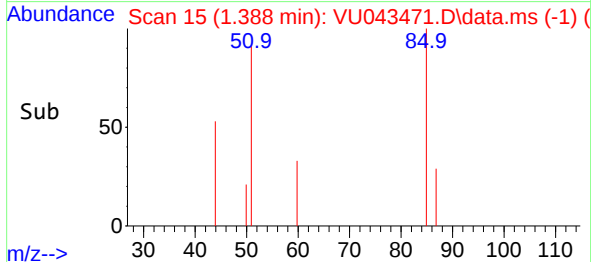
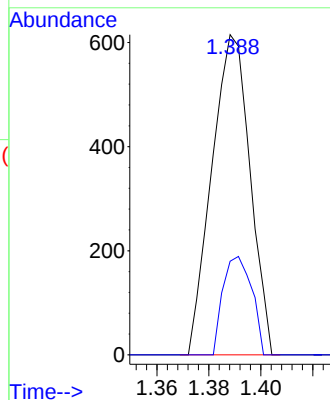
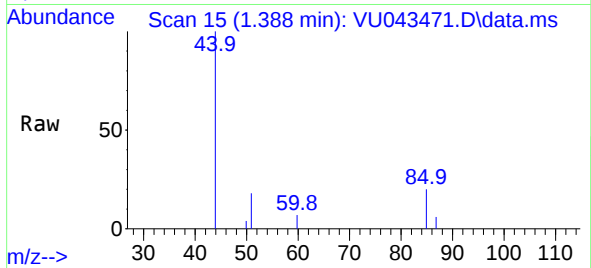




#2
Dichlorodifluoromethane
Concen: 0.11 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU043471.D
Acq: 30 Apr 2021 13:16

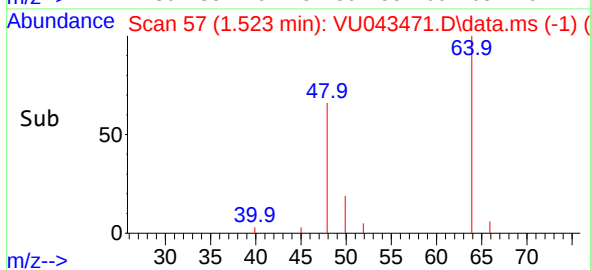
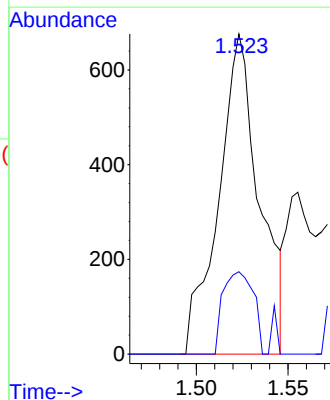
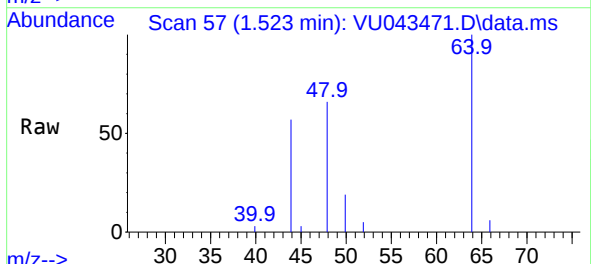
Instrument :
MSVOA_U
ClientSampled :

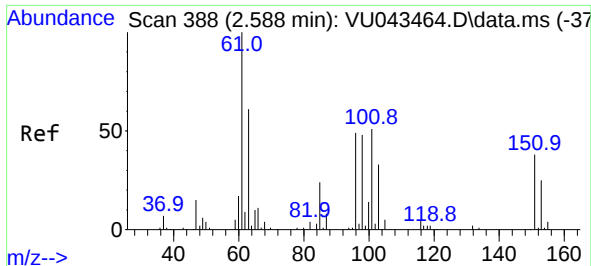
Tgt Ion: 85 Resp: 628
Ion Ratio Lower Upper
85 100
87 23.1 26.3 39.5#



#3
Chloromethane
Concen: 0.19 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU043471.D
Acq: 30 Apr 2021 13:16

Tgt Ion: 50 Resp: 1043
Ion Ratio Lower Upper
50 100
52 25.7 23.6 43.8





#12

1,1-Dichloroethene

Concen: 0.32 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

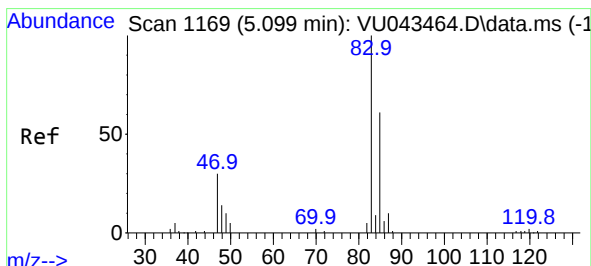
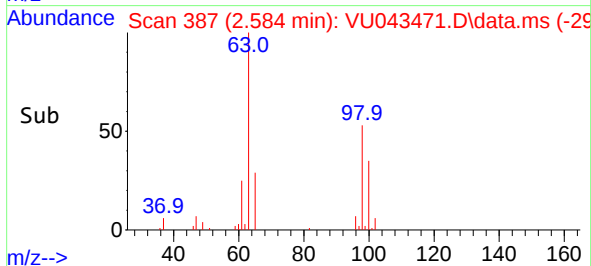
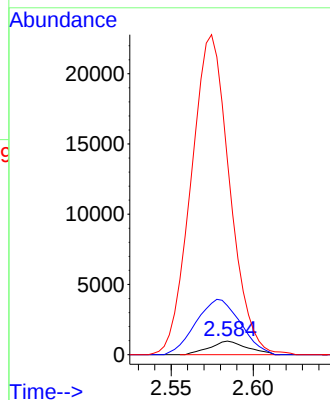
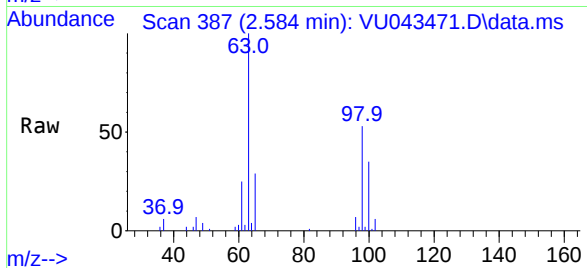
Lab File: VU043471.D

Acq: 30 Apr 2021 13:16

Tgt Ion: 96 Resp: 1527

Ion	Ratio	Lower	Upper
96	100		
61	361.0	115.1	213.7#
63	1431.5	84.1	156.1#

Instrument :
MSVOA_U
ClientSampled :



#25

Chloroform

Concen: 0.78 ug/L

RT: 5.095 min Scan# 1168

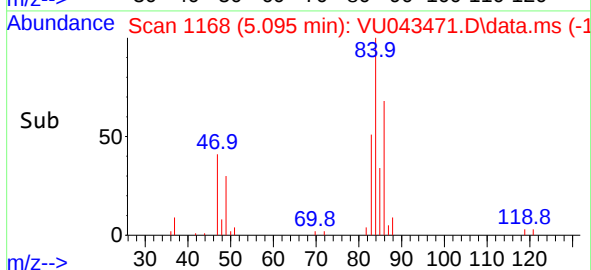
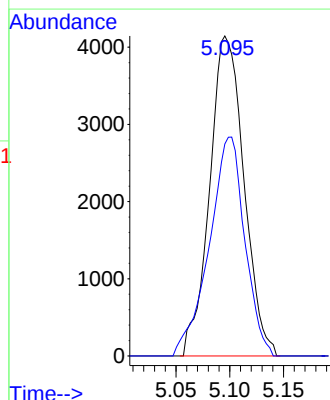
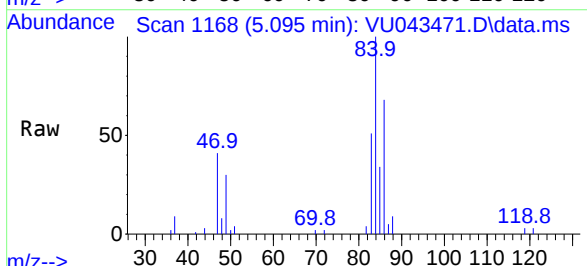
Delta R.T. -0.003 min

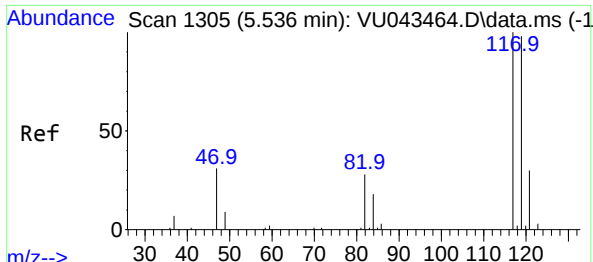
Lab File: VU043471.D

Acq: 30 Apr 2021 13:16

Tgt Ion: 83 Resp: 9200

Ion	Ratio	Lower	Upper
83	100		
85	66.2	45.6	84.8

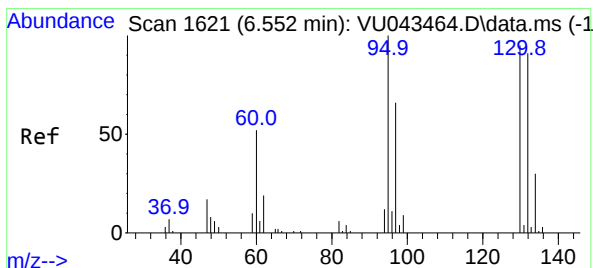
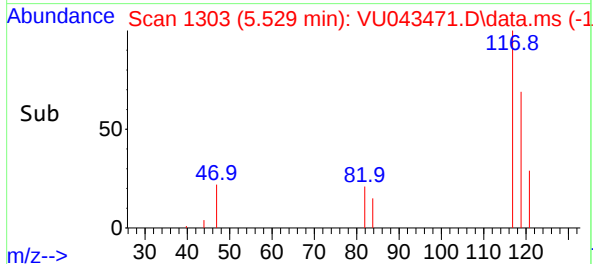
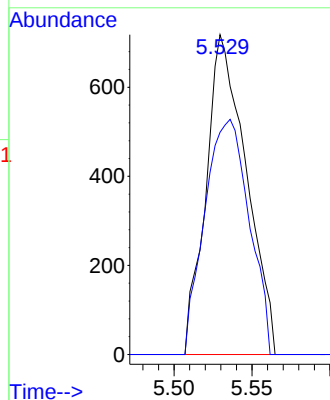
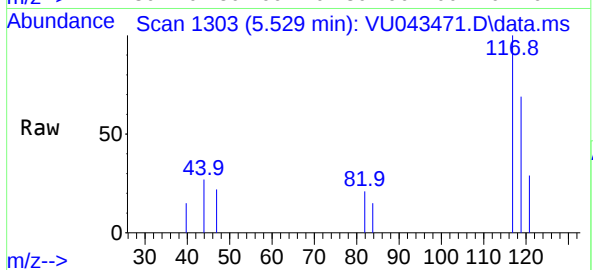




#31
Carbon tetrachloride
Concen: 0.15 ug/L
RT: 5.529 min Scan# 1303
Delta R.T. -0.003 min
Lab File: VU043471.D
Acq: 30 Apr 2021 13:16

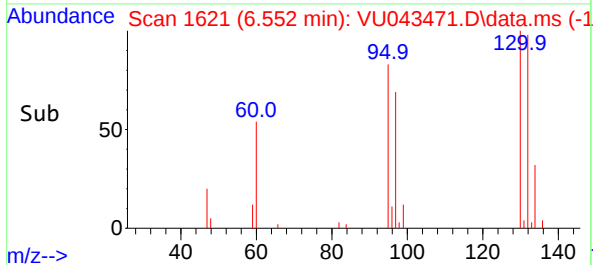
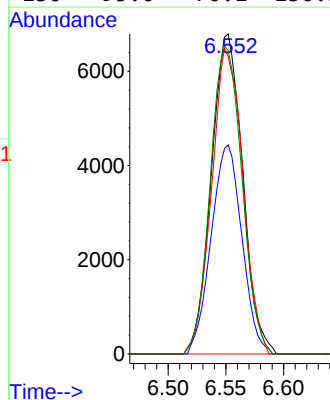
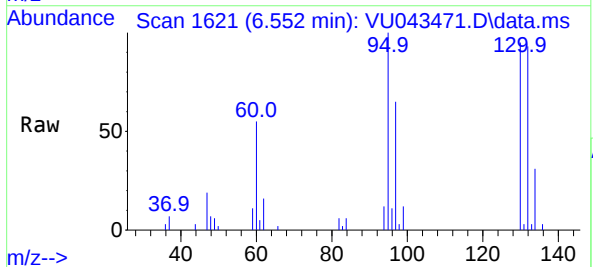
Instrument :
MSVOA_U
ClientSampleId :

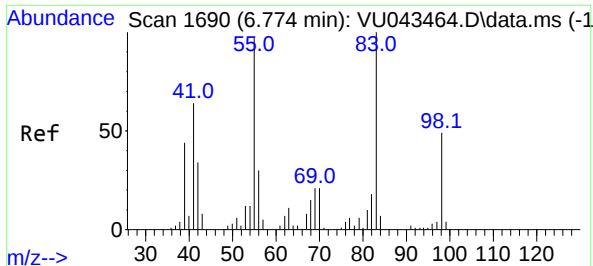
Tgt Ion:117 Resp: 1288
Ion Ratio Lower Upper
117 100
119 81.3 76.2 114.4



#34
Trichloroethene
Concen: 2.03 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU043471.D
Acq: 30 Apr 2021 13:16

Tgt Ion: 95 Resp: 12806
Ion Ratio Lower Upper
95 100
97 65.3 45.8 85.2
132 92.9 68.7 127.7
130 95.0 70.1 130.3

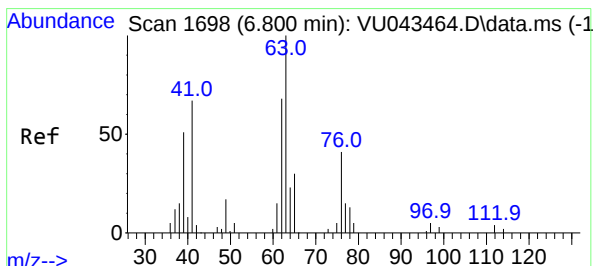
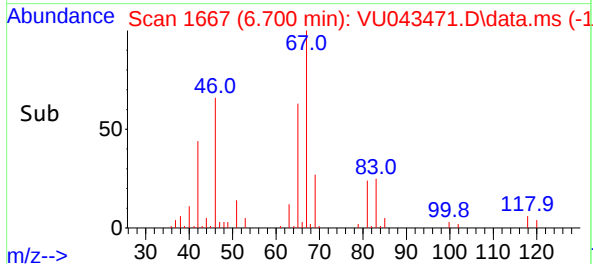
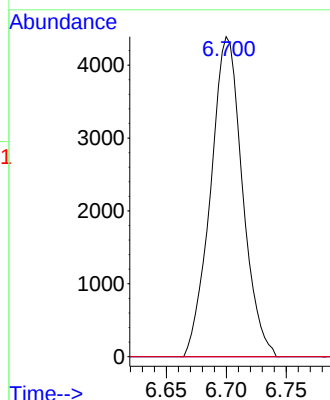
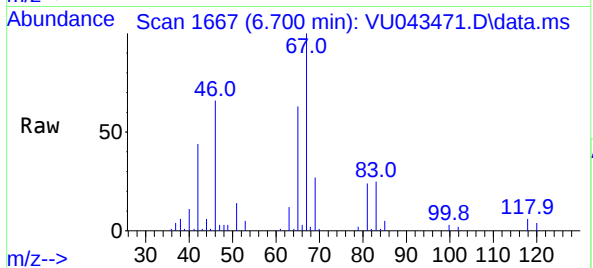




#35
Methylcyclohexane
Concen: 0.93 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043471.D
Acq: 30 Apr 2021 13:16

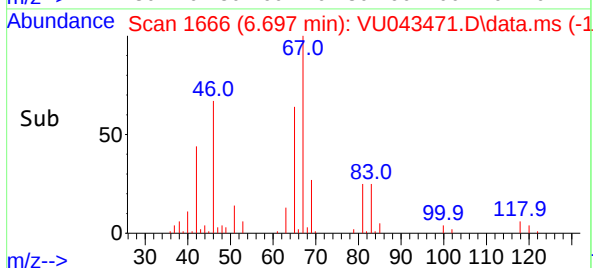
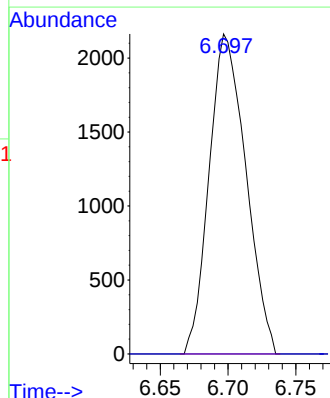
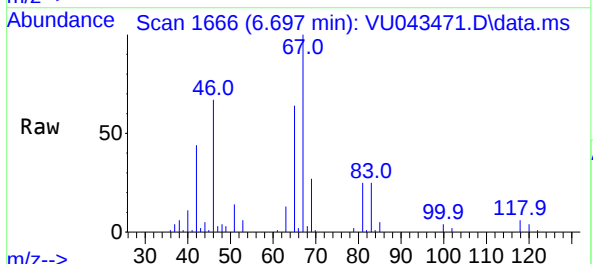
Instrument :
MSVOA_U
ClientSampleId :

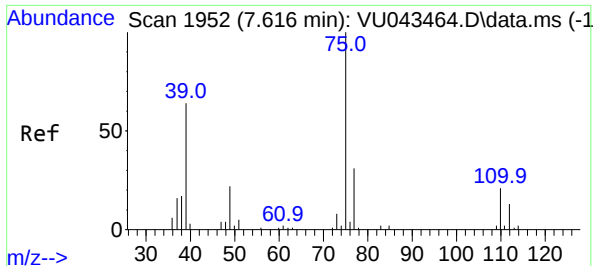
Tgt Ion: 83 Resp: 8099
Ion Ratio Lower Upper
83 100
55 0.0 59.5 89.3#
98 0.0 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.63 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU043471.D
Acq: 30 Apr 2021 13:16

Tgt Ion: 63 Resp: 4078
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



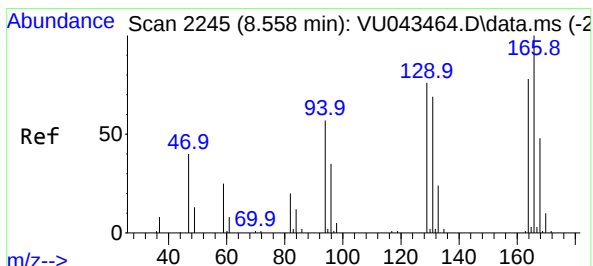
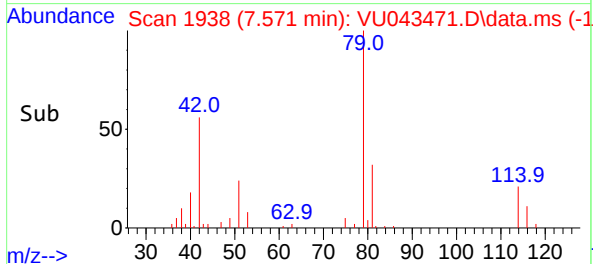
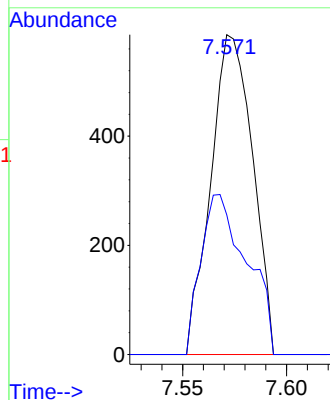
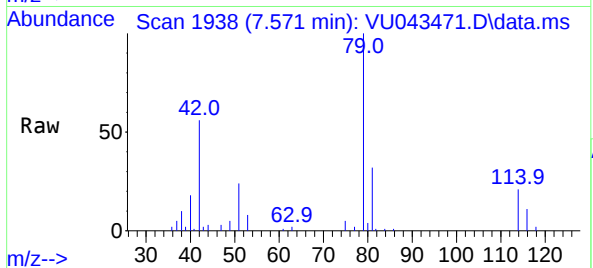


#39

cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU043471.D
Acq: 30 Apr 2021 13:16

Instrument :
MSVOA_U
ClientSampled :

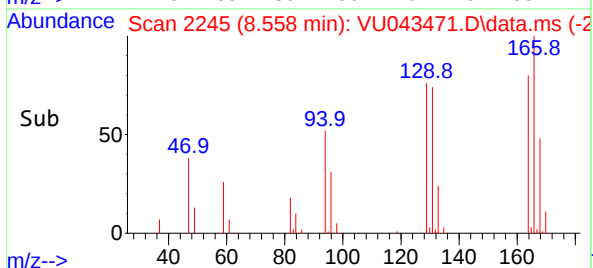
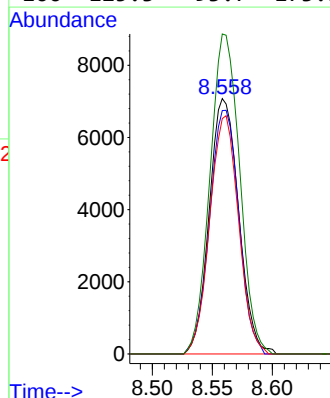
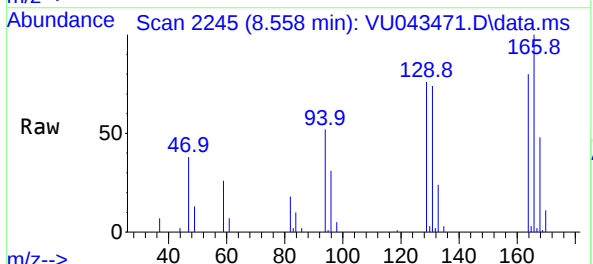
Tgt Ion: 75 Resp: 822
Ion Ratio Lower Upper
75 100
77 43.7 21.8 40.6#

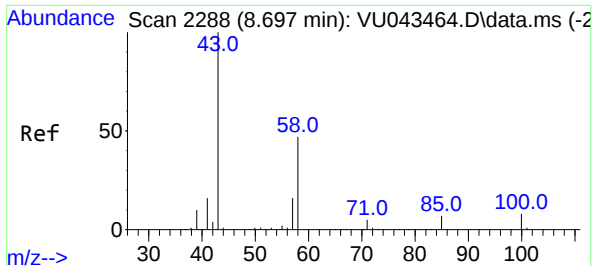


#47

Tetrachloroethene
Concen: 2.41 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU043471.D
Acq: 30 Apr 2021 13:16

Tgt Ion:164 Resp: 12076
Ion Ratio Lower Upper
164 100
129 95.3 66.6 123.8
131 92.1 65.9 122.3
166 125.3 93.7 173.9



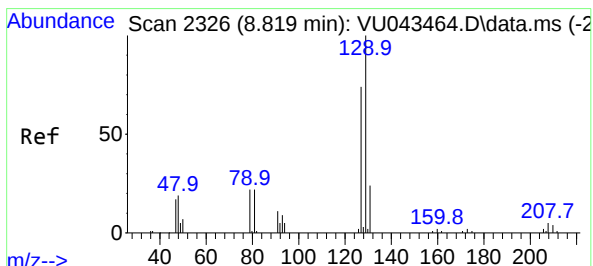
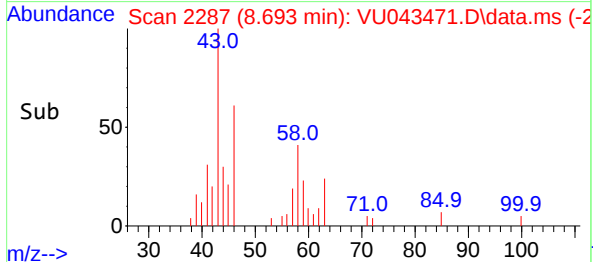
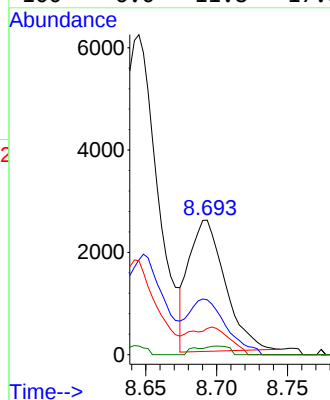
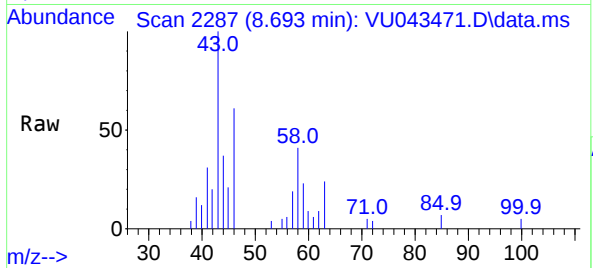


#48
2-Hexanone
Concen: 1.07 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VU043471.D
Acq: 30 Apr 2021 13:16

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 43 Resp: 4555

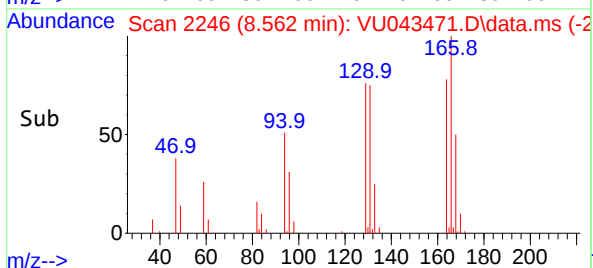
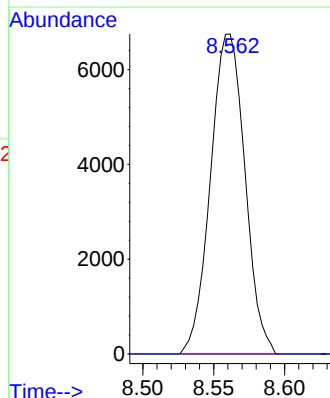
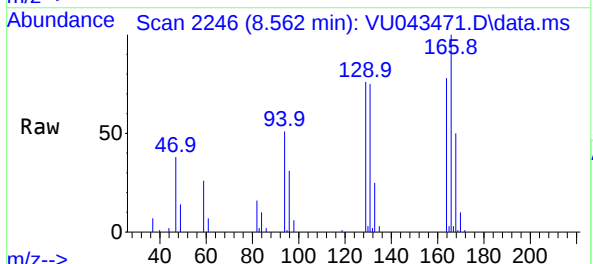
Ion	Ratio	Lower	Upper
43	100		
58	44.5	50.0	75.0#
57	22.9	17.4	26.0
100	6.0	11.8	17.8#

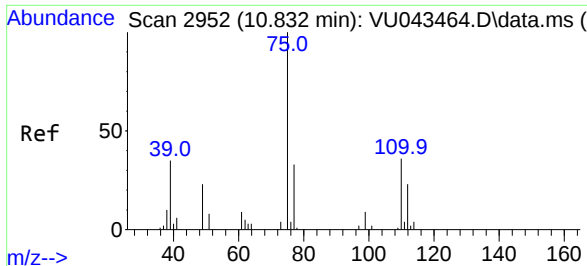


#49
Dibromochloromethane
Concen: 1.88 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.254 min
Lab File: VU043471.D
Acq: 30 Apr 2021 13:16

Tgt Ion: 129 Resp: 11410

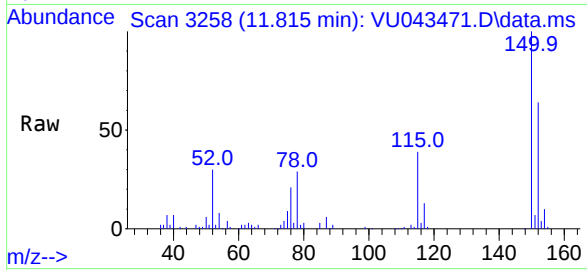
Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.6	105.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.28 ug/L
 RT: 11.815 min Scan# 3258
 Delta R.T. 0.984 min
 Lab File: VU043471.D
 Acq: 30 Apr 2021 13:16

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5079
 Ion Ratio Lower Upper
 75 100
 110 2.7 31.5 47.3#
 77 31.1 26.3 39.5

