

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043957.D
 Acq On : 25 May 2021 12:36
 Operator : SY/MD
 Sample : M2494-10DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB423DL

Quant Time: May 25 14:30:00 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)

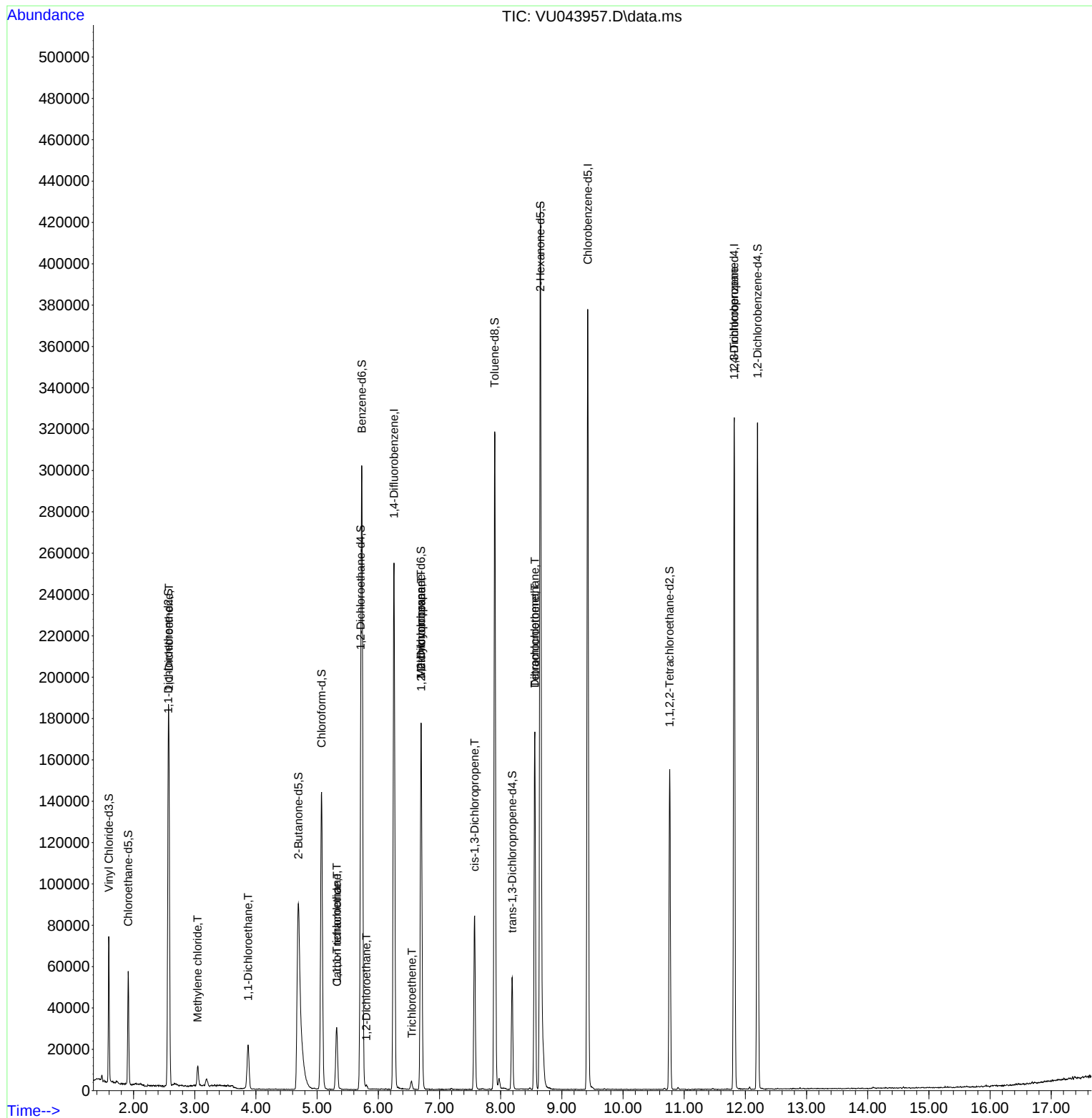
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	212682	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	222745	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	93348	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	48088	4.06	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	81.20%		
7) Chloroethane-d5	1.912	69	38998	4.57	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	91.40%		
11) 1,1-Dichloroethene-d2	2.565	65	20462	3.55	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	71.00%		
20) 2-Butanone-d5	4.694	46	199186	53.07	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	106.14%		
24) Chloroform-d	5.073	84	135091	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	98.80%		
26) 1,2-Dichloroethane-d4	5.713	65	71373	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	102.00%		
32) Benzene-d6	5.732	84	269255	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	95.20%		
36) 1,2-Dichloropropane-d6	6.700	67	87489	4.86	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	97.20%		
41) Toluene-d8	7.903	98	219678	4.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	84.40%		
43) trans-1,3-Dichloroprop...	8.189	79	30644	4.46	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	89.20%		
46) 2-Hexanone-d5	8.649	63	143497	47.66	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	95.32%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	77432	4.68	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	93.60%		
66) 1,2-Dichlorobenzene-d4	12.198	152	91255	5.38	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	107.60%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.578	96	40699	2.96	ug/L #	81
16) Methylene chloride	3.047	84	4606	0.26	ug/L	90
19) 1,1-Dichloroethane	3.874	63	23902	0.97	ug/L	98
27) 1,2-Dichloroethane	5.803	62	1475	0.09	ug/L #	72
29) 1,1,1-Trichloroethane	5.321	97	22230	0.96	ug/L	97
31) Carbon tetrachloride	5.324	117	3149	0.16	ug/L	93
34) Trichloroethene	6.549	95	973	0.06	ug/L	84
35) Methylcyclohexane	6.700	83	20721	0.91	ug/L #	19
37) 1,2-Dichloropropane	6.703	63	9007	0.56	ug/L #	86
39) cis-1,3-Dichloropropene	7.575	75	1940	0.09	ug/L #	57
47) Tetrachloroethene	8.559	164	42195	3.12	ug/L	96
49) Dibromochloromethane	8.559	129	38251	2.70	ug/L #	11
61) 1,2,3-Trichloropropane	11.816	75	9022	1.05	ug/L #	68

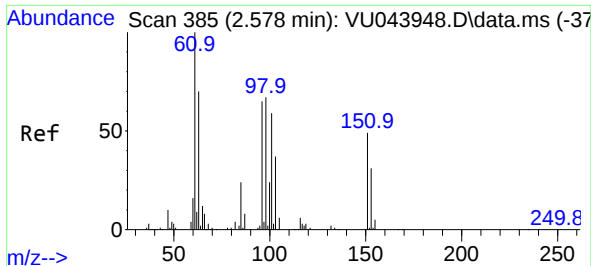
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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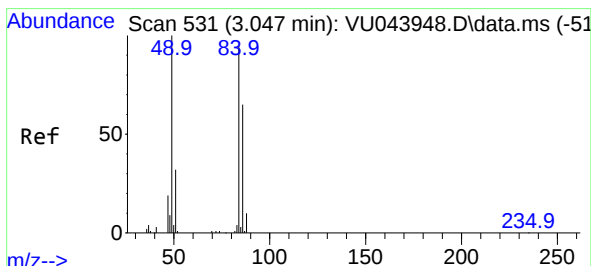
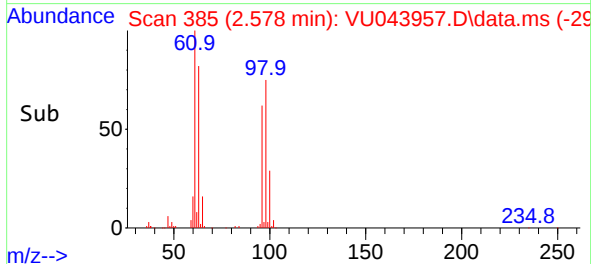
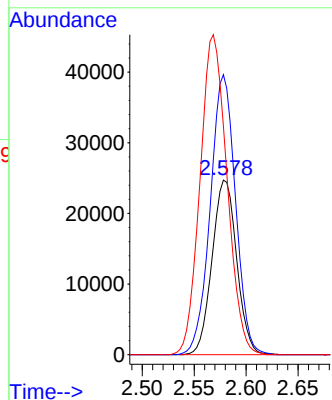
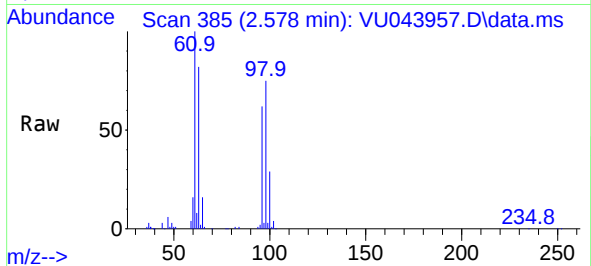




#12
1,1-Dichloroethene
Concen: 2.96 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU043957.D
Acq: 25 May 2021 12:36

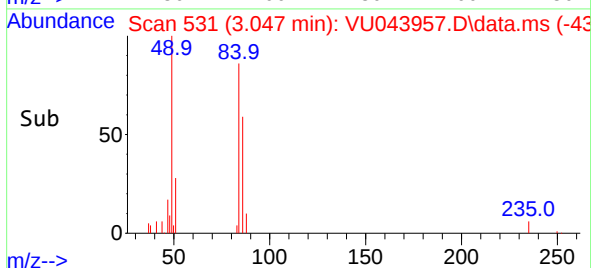
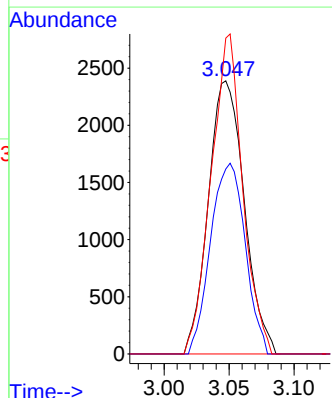
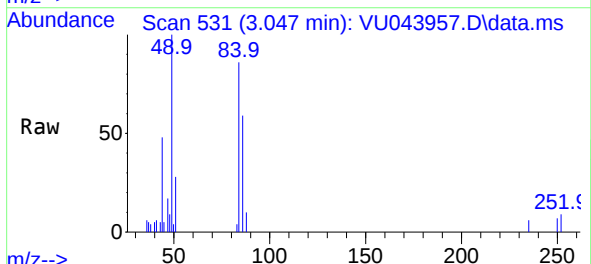
Instrument :
MSVOA_U
ClientSampled :
GB423DL

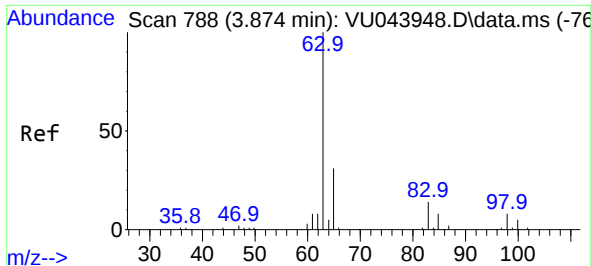
Tgt Ion: 96 Resp: 40699
Ion Ratio Lower Upper
96 100
61 160.5 105.1 195.3
63 131.2 66.6 123.6#



#16
Methylene chloride
Concen: 0.26 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU043957.D
Acq: 25 May 2021 12:36

Tgt Ion: 84 Resp: 4606
Ion Ratio Lower Upper
84 100
86 67.7 45.6 84.8
49 120.6 74.2 137.8

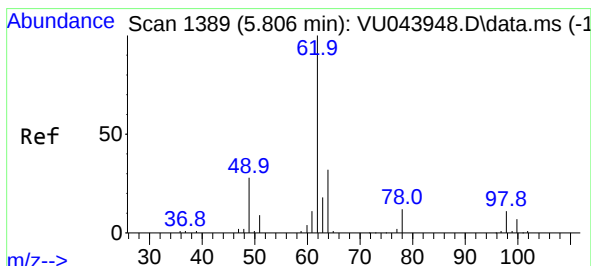
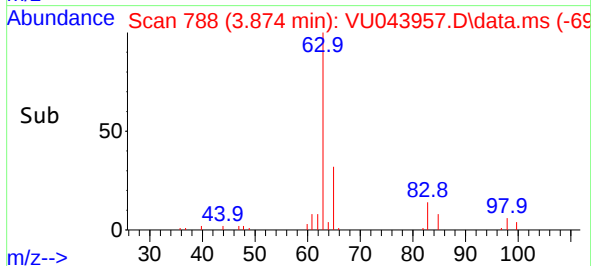
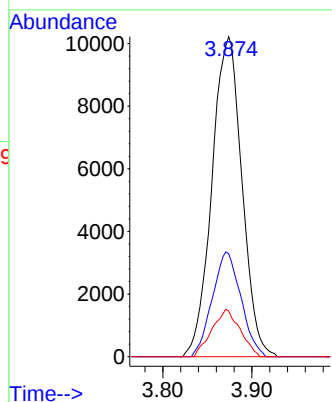
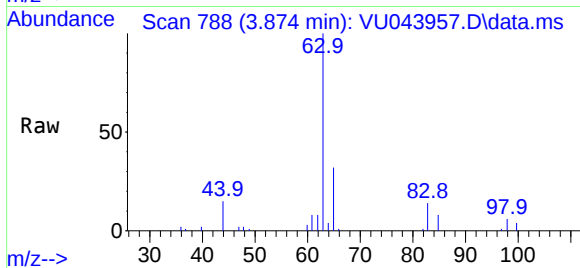




#19
1,1-Dichloroethane
Concen: 0.97 ug/L
RT: 3.874 min Scan# 788
Delta R.T. 0.000 min
Lab File: VU043957.D
Acq: 25 May 2021 12:36

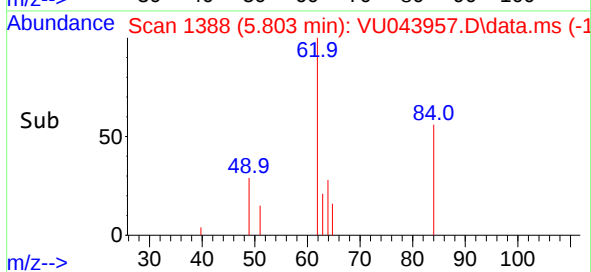
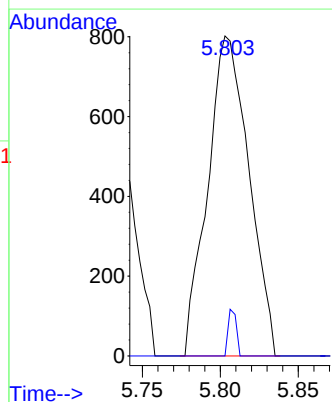
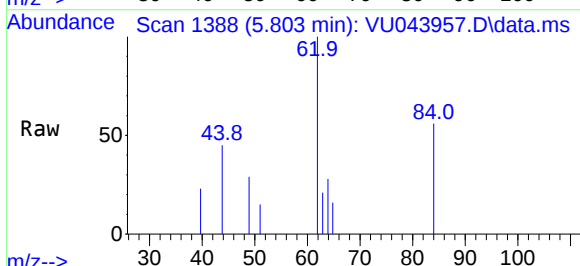
Instrument :
MSVOA_U
ClientSampled :
GB423DL

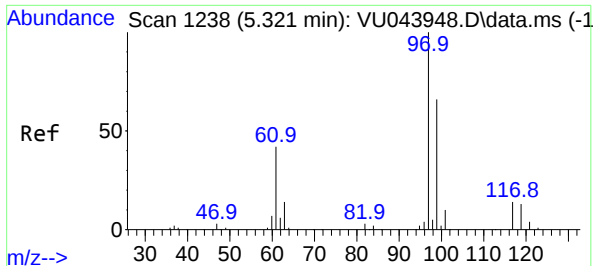
Tgt Ion:	63	Resp:	23902
Ion	Ratio	Lower	Upper
63	100		
65	32.2	23.2	43.2
83	14.3	9.7	18.1



#27
1,2-Dichloroethane
Concen: 0.09 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.003 min
Lab File: VU043957.D
Acq: 25 May 2021 12:36

Tgt Ion:	62	Resp:	1475
Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.3	12.5#

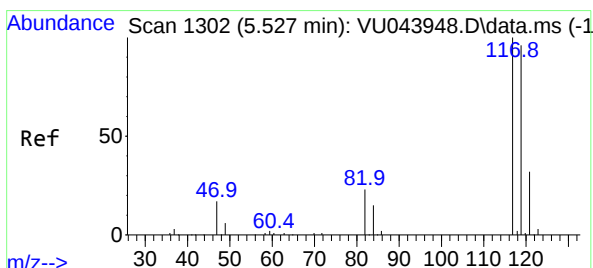
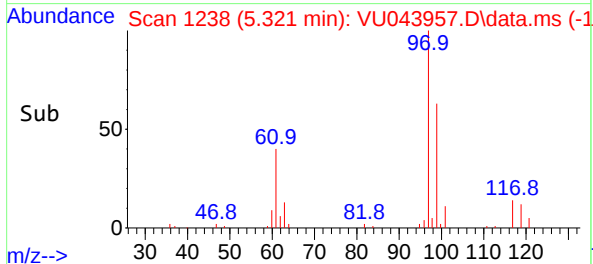
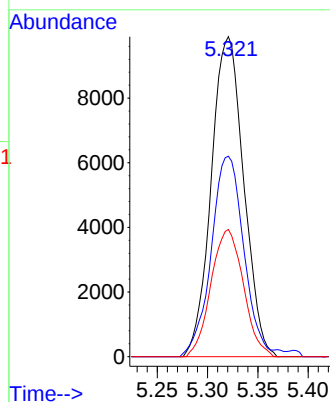
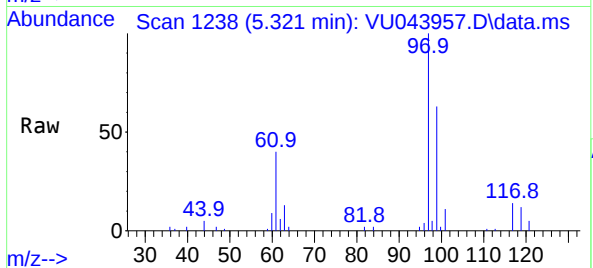




#29
1,1,1-Trichloroethane
Concen: 0.96 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU043957.D
Acq: 25 May 2021 12:36

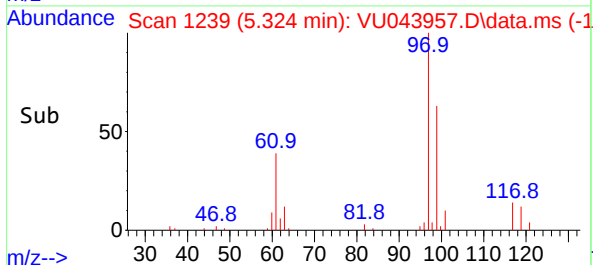
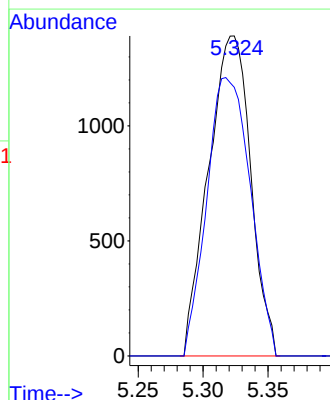
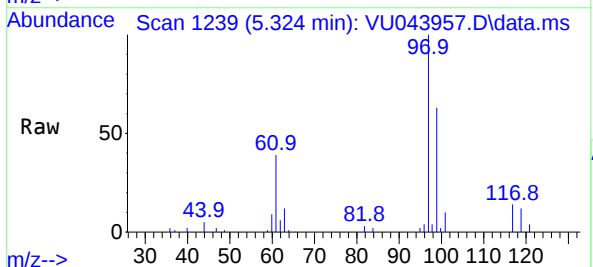
Instrument :
MSVOA_U
ClientSampled :
GB423DL

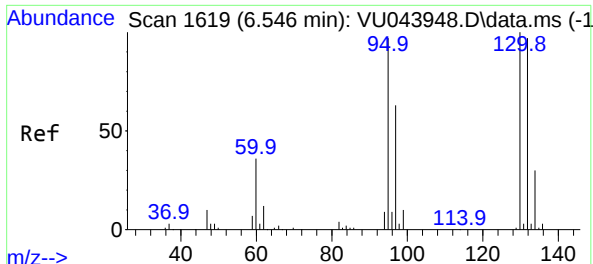
Tgt Ion:	97	Resp:	22230
Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.9	77.9
61	39.7	34.7	52.1



#31
Carbon tetrachloride
Concen: 0.16 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.202 min
Lab File: VU043957.D
Acq: 25 May 2021 12:36

Tgt Ion:	117	Resp:	3149
Ion	Ratio	Lower	Upper
117	100		
119	89.6	77.4	116.0



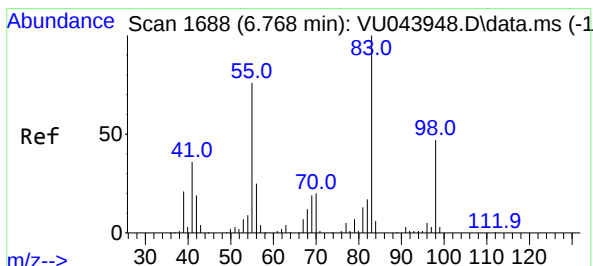
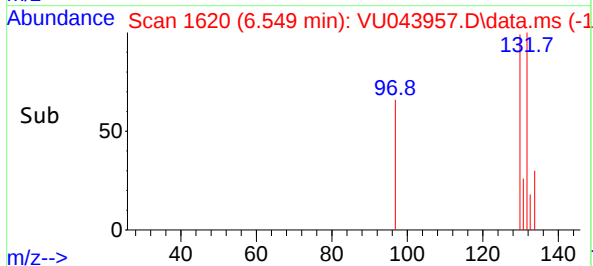
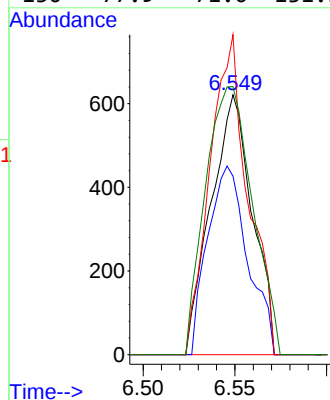
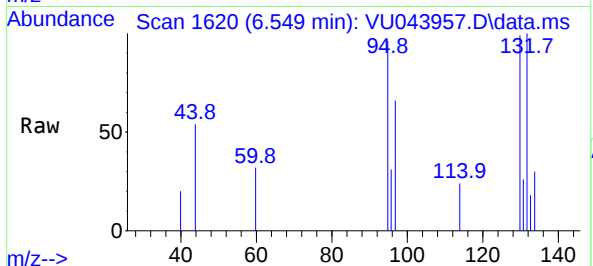


#34
Trichloroethene
Concen: 0.06 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.003 min
Lab File: VU043957.D
Acq: 25 May 2021 12:36

Instrument :
MSVOA_U
ClientSampled :
GB423DL

Tgt Ion: 95 Resp: 973

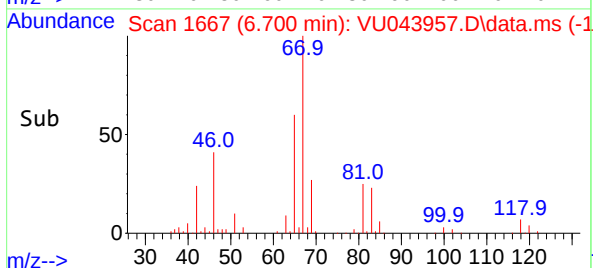
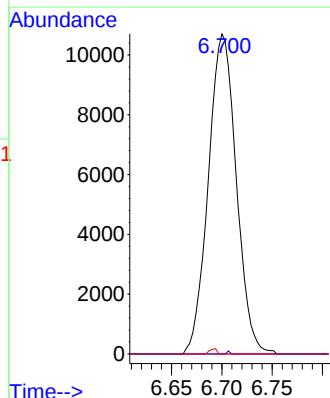
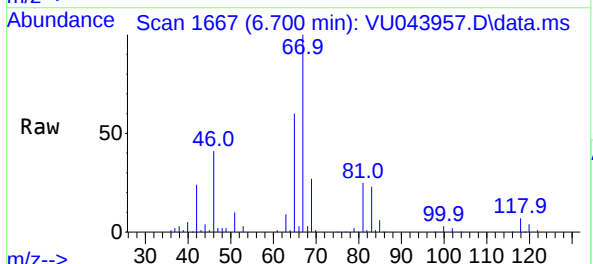
Ion	Ratio	Lower	Upper
95	100		
97	51.9	45.5	84.5
132	93.0	70.9	131.7
130	77.9	71.0	131.9

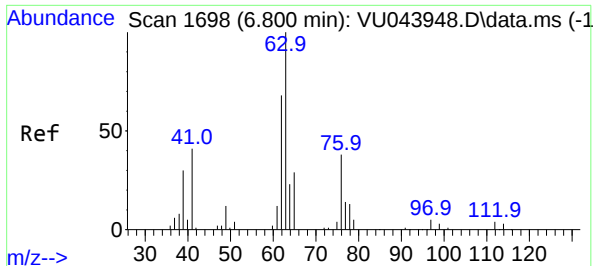


#35
Methylcyclohexane
Concen: 0.91 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.064 min
Lab File: VU043957.D
Acq: 25 May 2021 12:36

Tgt Ion: 83 Resp: 20721

Ion	Ratio	Lower	Upper
83	100		
55	0.1	61.2	91.8#
98	0.4	37.0	55.4#

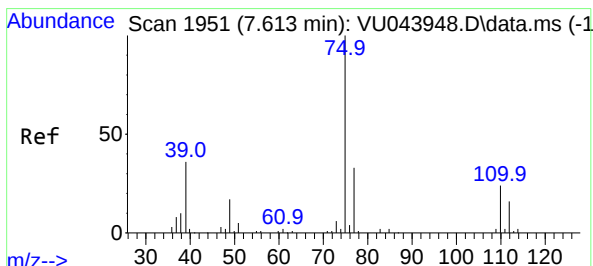
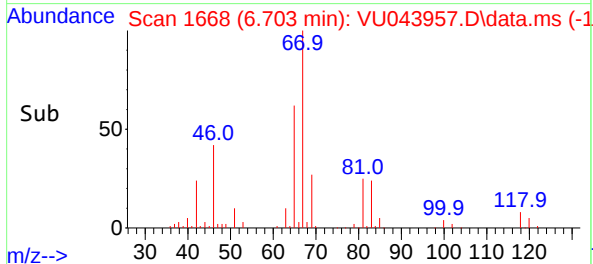
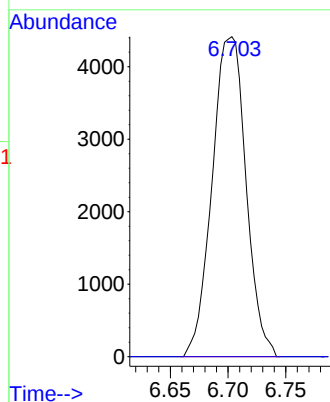
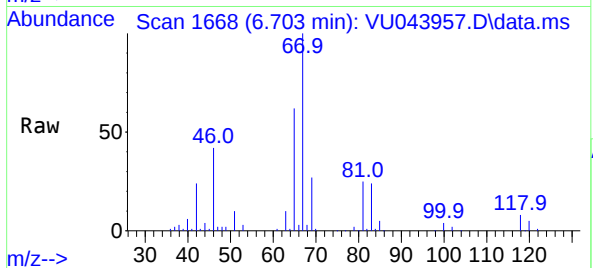




#37
1,2-Dichloropropane
Concen: 0.56 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.096 min
Lab File: VU043957.D
Acq: 25 May 2021 12:36

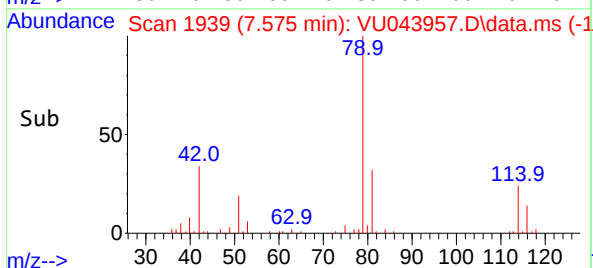
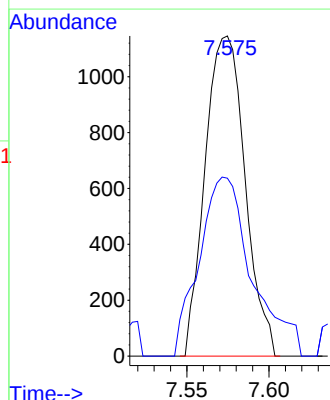
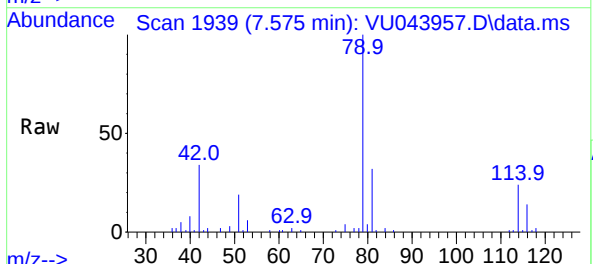
Instrument :
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ClientSampled :
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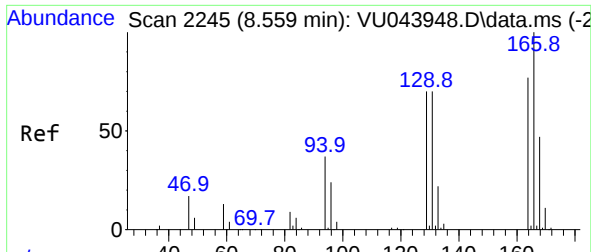
Tgt Ion: 63 Resp: 9007
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.038 min
Lab File: VU043957.D
Acq: 25 May 2021 12:36

Tgt Ion: 75 Resp: 1940
Ion Ratio Lower Upper
75 100
77 55.6 22.3 41.3#





#47

Tetrachloroethene

Concen: 3.12 ug/L

RT: 8.559 min Scan# 2245

Delta R.T. 0.000 min

Lab File: VU043957.D

Acq: 25 May 2021 12:36

Tgt Ion:164 Resp: 42195

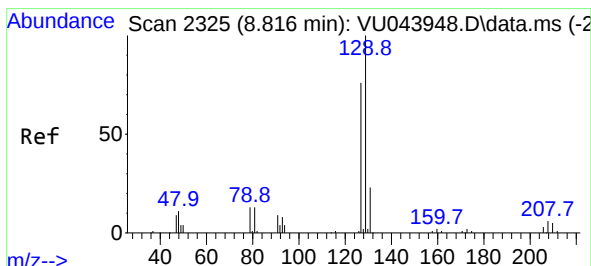
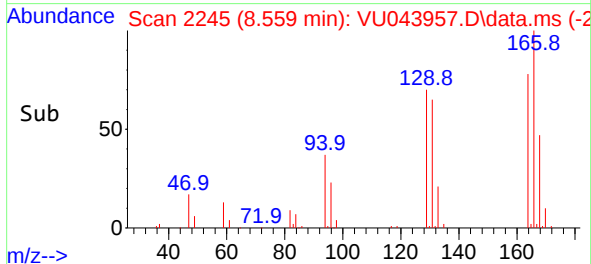
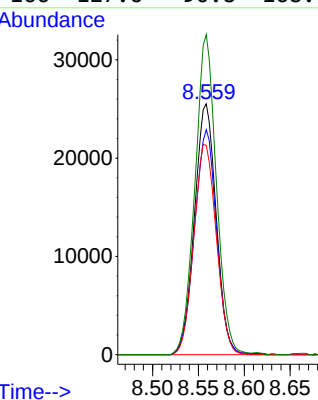
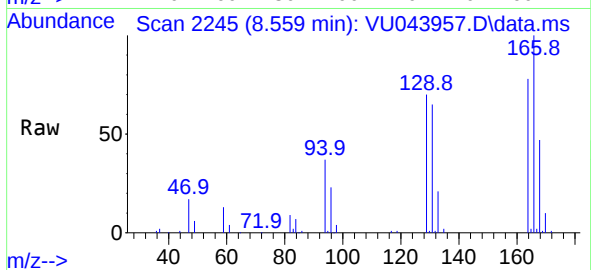
Ion Ratio Lower Upper

164 100

129 89.7 64.1 119.1

131 83.4 64.5 119.9

166 127.6 90.8 168.6



#49

Dibromochloromethane

Concen: 2.70 ug/L

RT: 8.559 min Scan# 2245

Delta R.T. -0.257 min

Lab File: VU043957.D

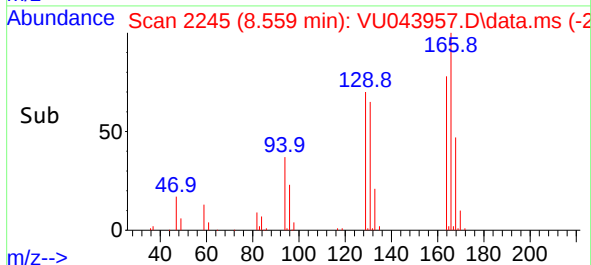
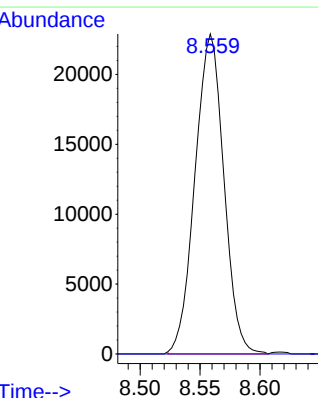
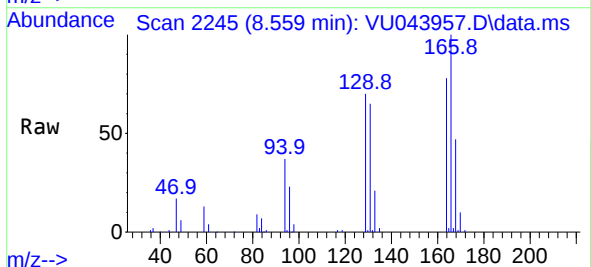
Acq: 25 May 2021 12:36

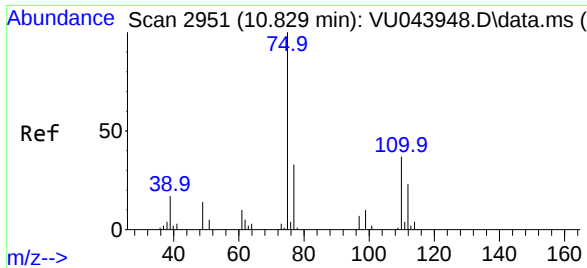
Tgt Ion:129 Resp: 38251

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#





#61
1,2,3-Trichloropropane
Concen: 1.05 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU043957.D
Acq: 25 May 2021 12:36

Instrument :
MSVOA_U
ClientSampleId :
GB423DL

Tgt Ion: 75 Resp: 9022
Ion Ratio Lower Upper
75 100
110 2.2 29.3 43.9#
77 30.8 26.3 39.5

