

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051021\
 Data File : VU043632.D
 Acq On : 10 May 2021 12:42
 Operator : SY/MD
 Sample : M2308-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 11 03:59:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 11 03:58:06 2021
 Response via : Initial Calibration

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

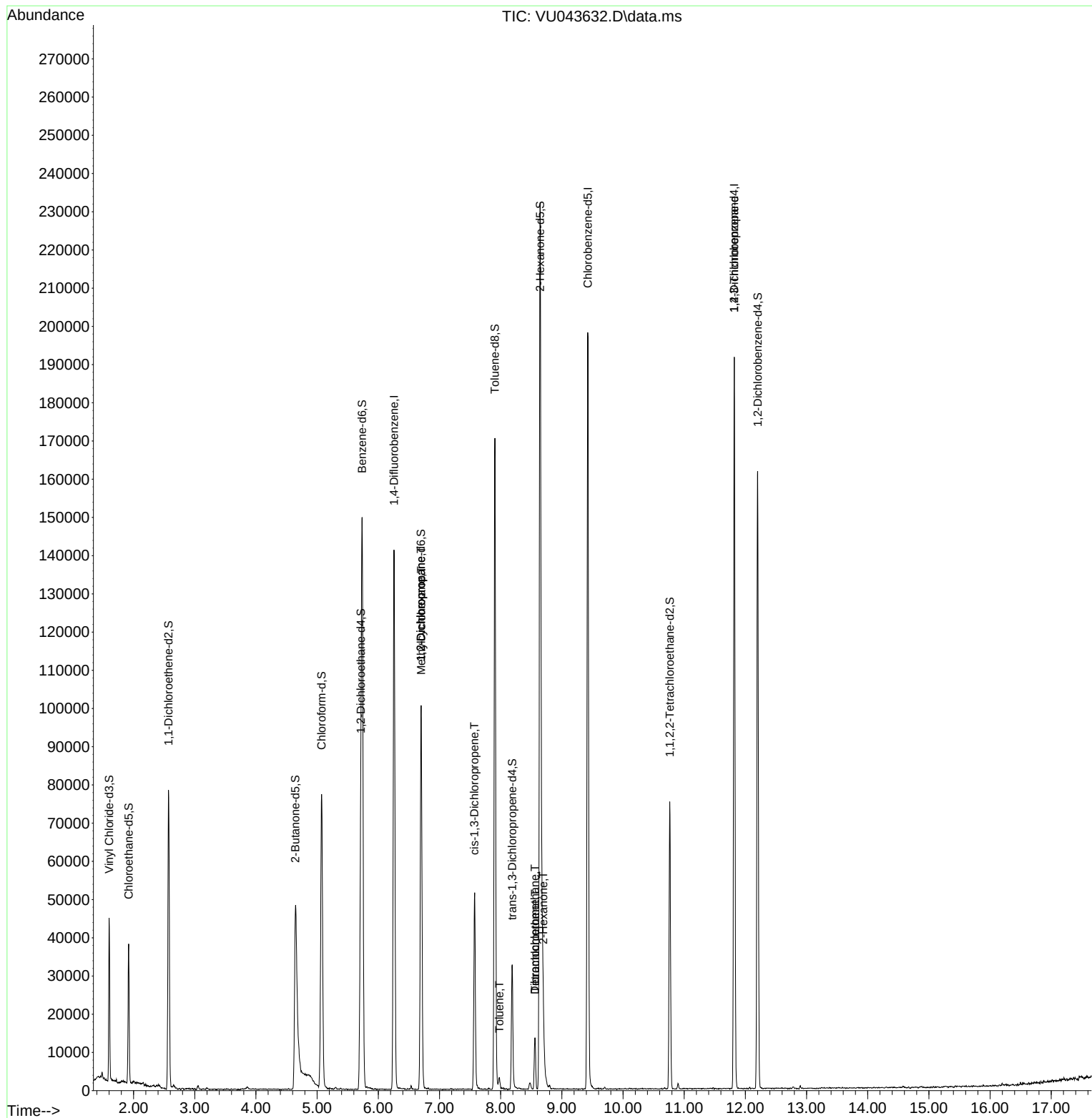
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	103728	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	99682	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	44882	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	28718	3.44	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	68.80%	
7) Chloroethane-d5	1.919	69	24904	4.08	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	81.60%	
11) 1,1-Dichloroethene-d2	2.572	65	15598	3.81	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.20%	
20) 2-Butanone-d5	4.646	46	103187	39.85	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	79.70%	
24) Chloroform-d	5.073	84	67728	4.24	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.80%	
26) 1,2-Dichloroethane-d4	5.713	65	42867	4.46	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.20%	
32) Benzene-d6	5.736	84	123202	4.57	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.40%	
36) 1,2-Dichloropropane-d6	6.700	67	45097	4.77	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.40%	
41) Toluene-d8	7.906	98	105007	4.24	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.80%	
43) trans-1,3-Dichloroprop...	8.189	79	17005	4.46	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.20%	
46) 2-Hexanone-d5	8.645	63	86183	53.87	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	107.74%	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	36223	4.78	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.60%	
66) 1,2-Dichlorobenzene-d4	12.201	152	38575	4.82	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.40%	
Target Compounds						Qvalue
35) Methylcyclohexane	6.703	83	9878	1.14	ug/L #	12
37) 1,2-Dichloropropane	6.700	63	5192	0.66	ug/L #	90
39) cis-1,3-Dichloropropene	7.571	75	1327	0.13	ug/L #	49
42) Toluene	7.980	91	1953	0.07	ug/L	93
47) Tetrachloroethene	8.562	164	2958	0.60	ug/L	95
48) 2-Hexanone	8.697	43	6097	1.28	ug/L #	77
49) Dibromochloromethane	8.559	129	2884	0.44	ug/L #	12
61) 1,2,3-Trichloropropane	11.819	75	5949	1.31	ug/L #	66

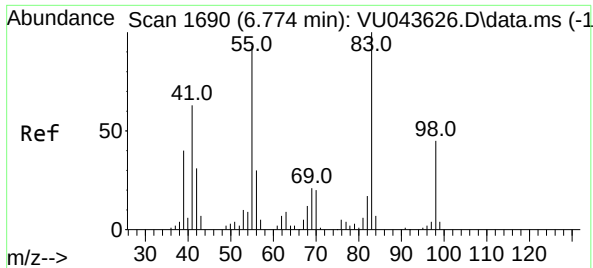
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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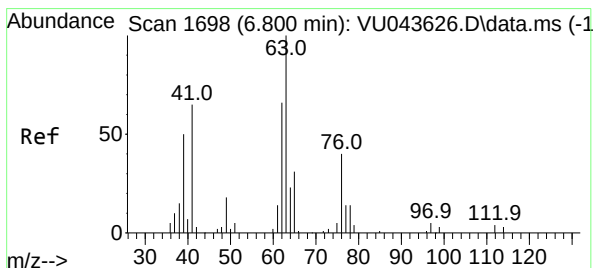
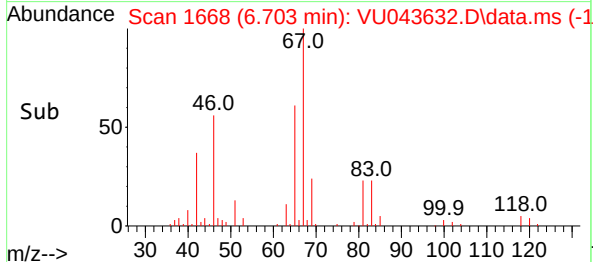
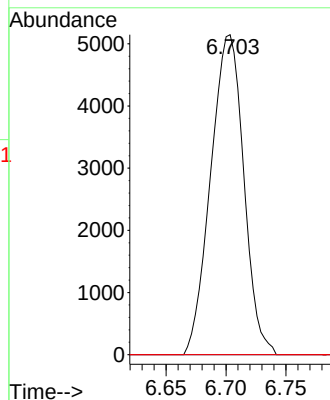
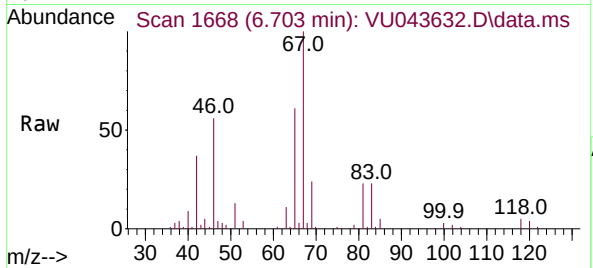




#35
Methylcyclohexane
Concen: 1.14 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.071 min
Lab File: VU043632.D
Acq: 10 May 2021 12:42

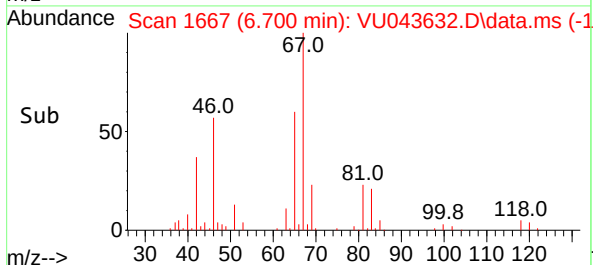
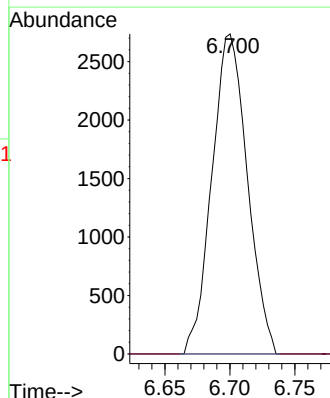
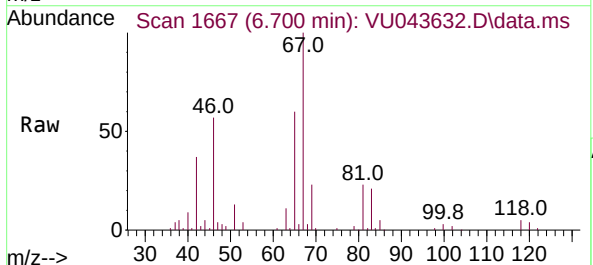
Instrument :
MSVOA_U
ClientSampleId :

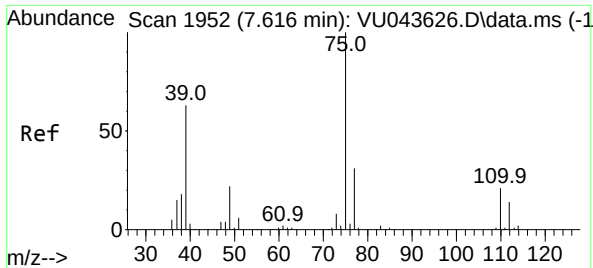
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	75.8	113.8#
98	1.2	35.5	53.3#



#37
1,2-Dichloropropane
Concen: 0.66 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043632.D
Acq: 10 May 2021 12:42

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	3.8#



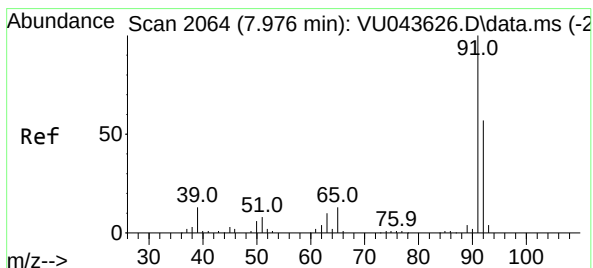
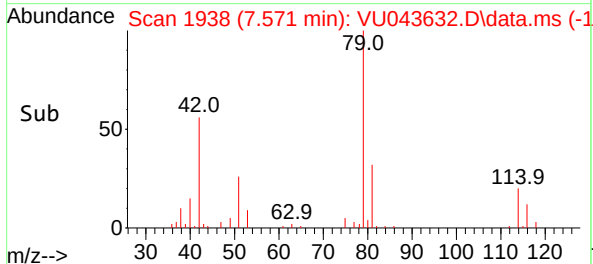
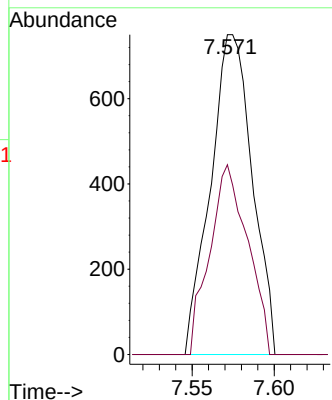
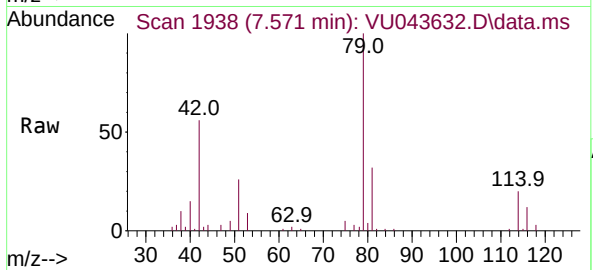


#39

cis-1,3-Dichloropropene
Concen: 0.13 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU043632.D
Acq: 10 May 2021 12:42

Instrument :
MSVOA_U
ClientSampleId :

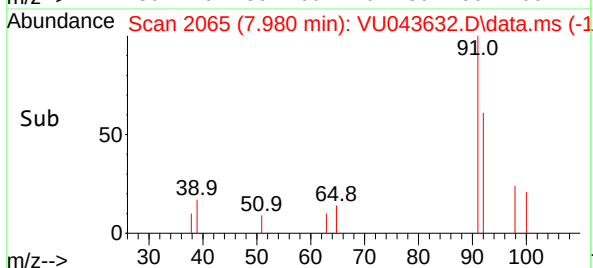
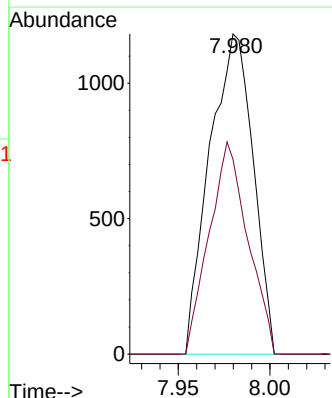
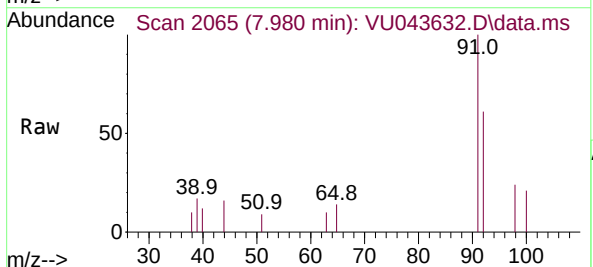
Tgt Ion: 75 Resp: 1327
Ion Ratio Lower Upper
75 100
77 59.3 21.9 40.7#

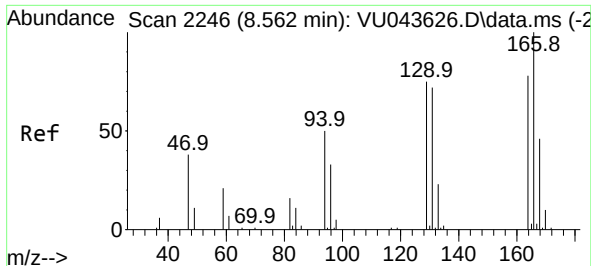


#42

Toluene
Concen: 0.07 ug/L
RT: 7.980 min Scan# 2065
Delta R.T. 0.003 min
Lab File: VU043632.D
Acq: 10 May 2021 12:42

Tgt Ion: 91 Resp: 1953
Ion Ratio Lower Upper
91 100
92 60.8 39.1 72.5



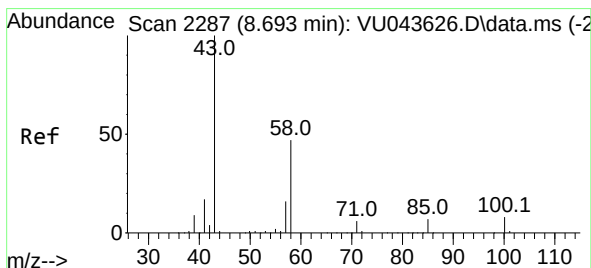
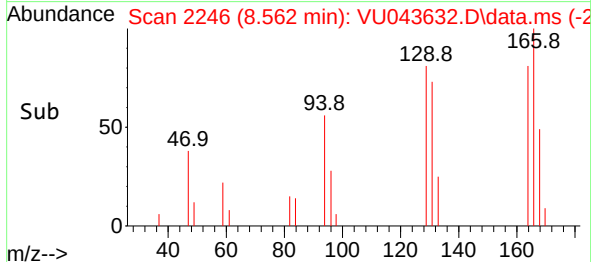
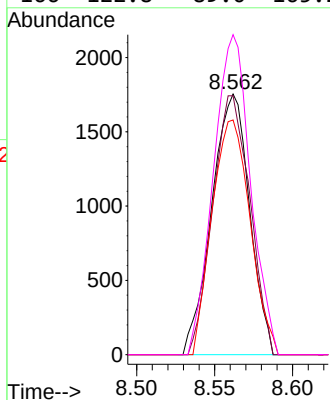
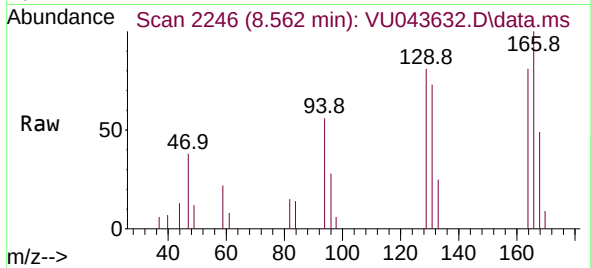


#47
Tetrachloroethene
Concen: 0.60 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043632.D
Acq: 10 May 2021 12:42

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:164 Resp: 2958

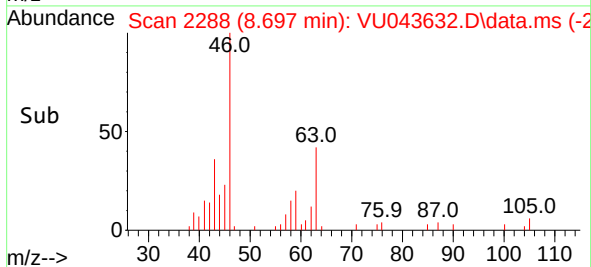
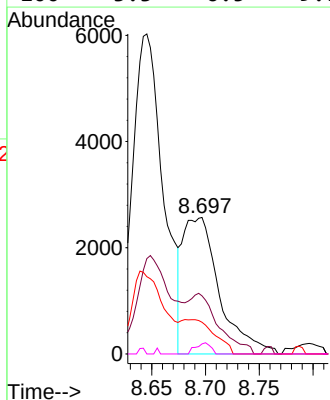
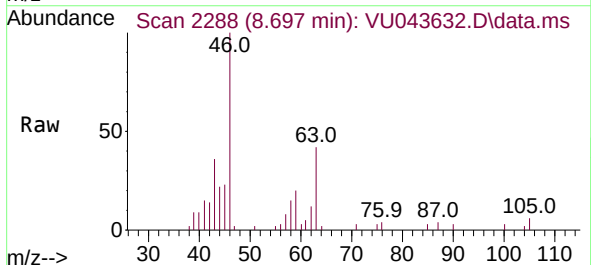
Ion	Ratio	Lower	Upper
164	100		
129	99.4	62.5	116.1
131	90.1	64.9	120.5
166	122.8	89.0	165.2

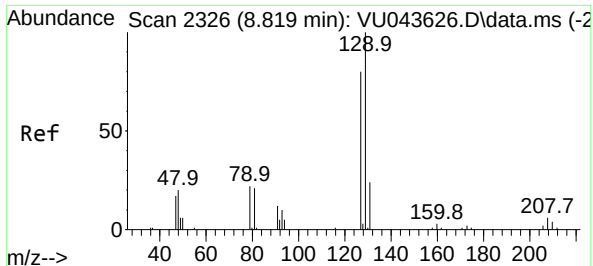


#48
2-Hexanone
Concen: 1.28 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.003 min
Lab File: VU043632.D
Acq: 10 May 2021 12:42

Tgt Ion: 43 Resp: 6097

Ion	Ratio	Lower	Upper
43	100		
58	32.9	36.8	55.2#
57	0.0	13.2	19.8#
100	3.3	6.5	9.7#





#49

Dibromochloromethane

Concen: 0.44 ug/L

RT: 8.559 min Scan# 2245

Delta R.T. -0.260 min

Lab File: VU043632.D

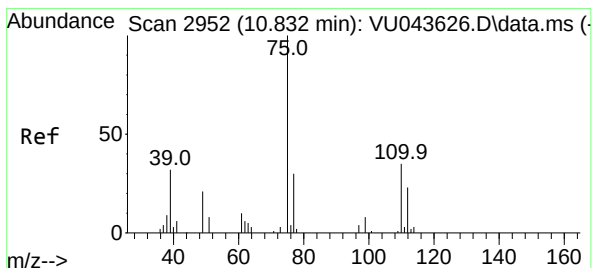
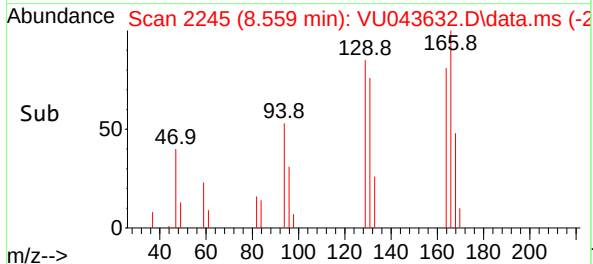
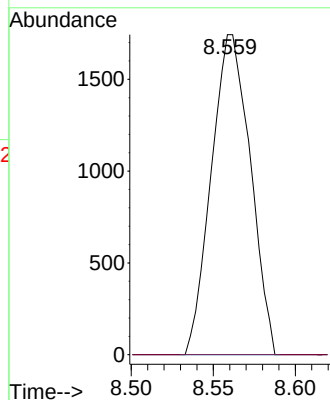
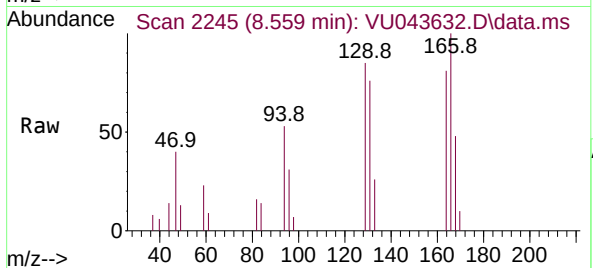
Acq: 10 May 2021 12:42

Tgt Ion:129 Resp: 2884

Ion Ratio Lower Upper

129 100

127 0.0 52.4 97.4#



#61

1,2,3-Trichloropropane

Concen: 1.31 ug/L

RT: 11.819 min Scan# 3259

Delta R.T. 0.987 min

Lab File: VU043632.D

Acq: 10 May 2021 12:42

Tgt Ion: 75 Resp: 5949

Ion Ratio Lower Upper

75 100

110 2.4 28.6 42.8#

77 36.6 25.7 38.5

