

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051421\
 Data File : VU043736.D
 Acq On : 14 May 2021 06:10
 Operator : SY/MD
 Sample : M2395-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 14 08:03:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051421WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 14 04:42:41 2021
 Response via : Initial Calibration

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

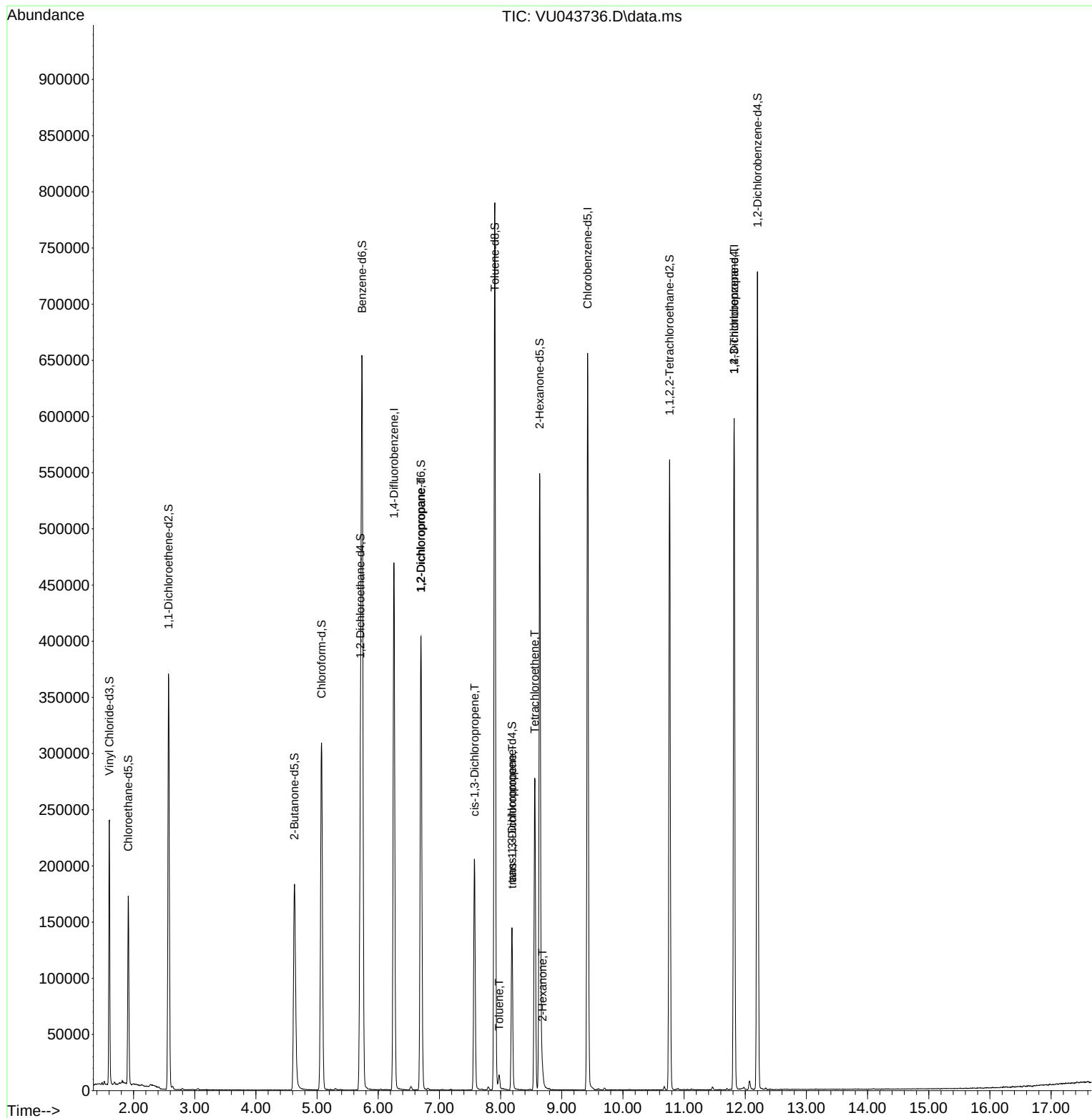
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	380291	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	362926	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	164290	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	166556	52.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.78%
7) Chloroethane-d5	1.912	69	122298	54.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.02%
11) 1,1-Dichloroethene-d2	2.571	63	215718	40.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.48%
21) 2-Butanone-d5	4.629	46	274762	111.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.55%
24) Chloroform-d	5.073	84	289422	54.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.34%
26) 1,2-Dichloroethane-d4	5.710	65	187140	56.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.00%
32) Benzene-d6	5.735	84	609911	56.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.42%
36) 1,2-Dichloropropane-d6	6.700	67	202822	57.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	115.62%
41) Toluene-d8	7.906	98	523093	54.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.10%
43) trans-1,3-Dichloroprop...	8.185	79	80305	52.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.70%
47) 2-Hexanone-d5	8.639	63	183306	109.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.12%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	283095	53.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.64%
66) 1,2-Dichlorobenzene-d4	12.201	152	196629	60.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	121.28%#
Target Compounds						
					Qvalue	
37) 1,2-Dichloropropane	6.697	63	20397	6.09	ug/L #	89
39) cis-1,3-Dichloropropene	7.574	75	4216	0.92	ug/L #	65
42) Toluene	7.976	91	8131	0.63	ug/L	98
44) trans-1,3-Dichloropropene	8.189	75	3358	0.78	ug/L	86
46) Tetrachloroethene	8.558	164	63747	27.15	ug/L	96
48) 2-Hexanone	8.687	43	6260	1.55	ug/L #	75
60) 1,2,3-Trichloropropane	11.819	75	18148	4.73	ug/L #	68

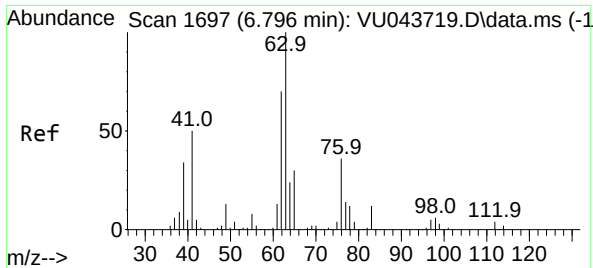
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri May 14 04:42:41 2021
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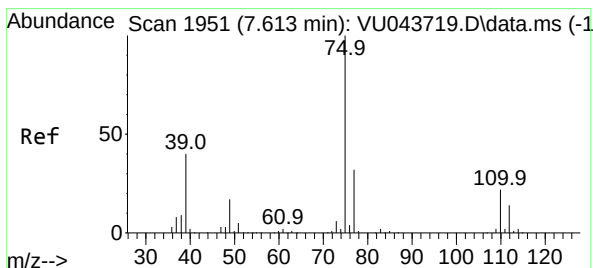
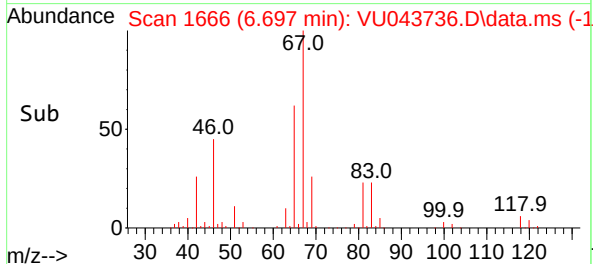
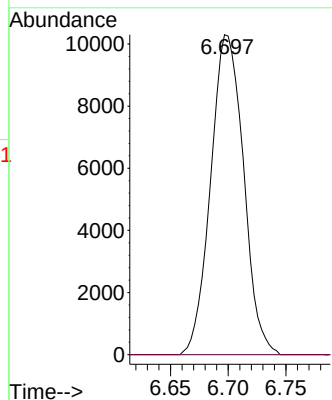
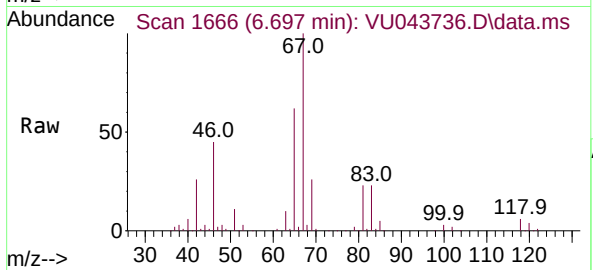


#37

1,2-Dichloropropane
Concen: 6.09 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU043736.D
Acq: 14 May 2021 06:10

Instrument :
MSVOA_U
ClientSampled :

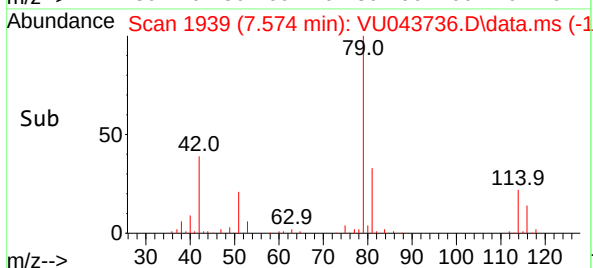
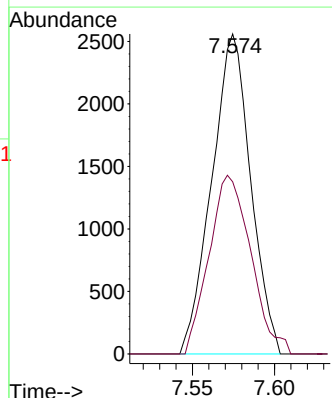
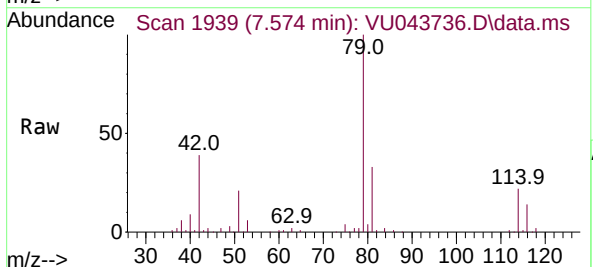
Tgt Ion: 63 Resp: 20397
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#

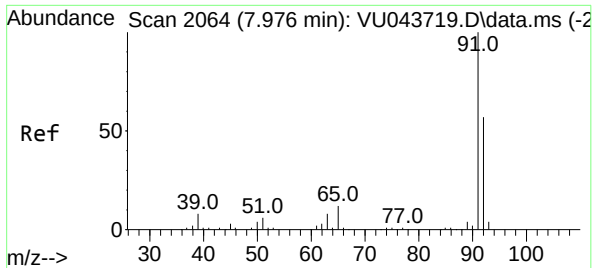


#39

cis-1,3-Dichloropropene
Concen: 0.92 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.039 min
Lab File: VU043736.D
Acq: 14 May 2021 06:10

Tgt Ion: 75 Resp: 4216
Ion Ratio Lower Upper
75 100
77 50.8 22.0 41.0#

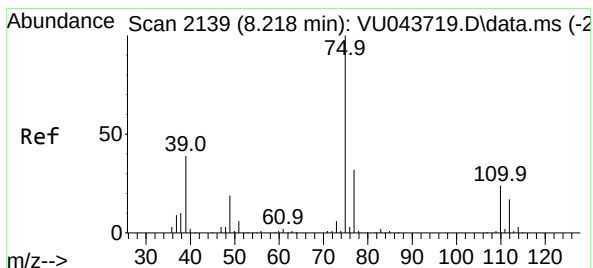
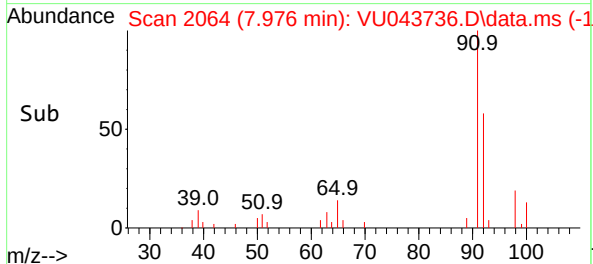
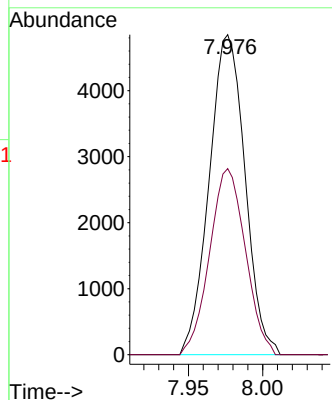
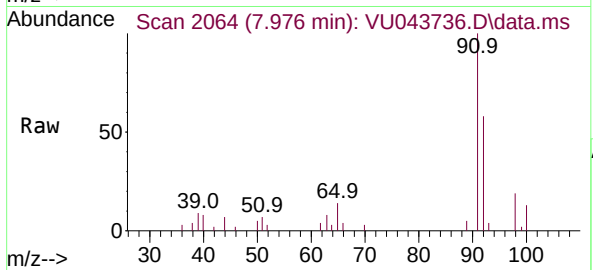




#42
Toluene
Concen: 0.63 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043736.D
Acq: 14 May 2021 06:10

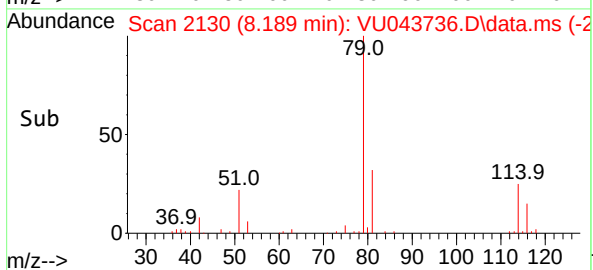
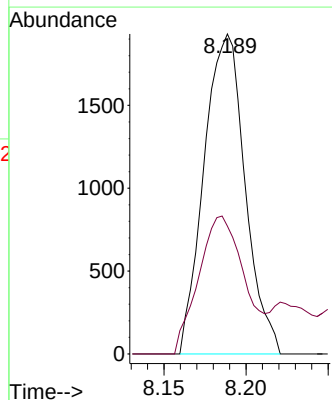
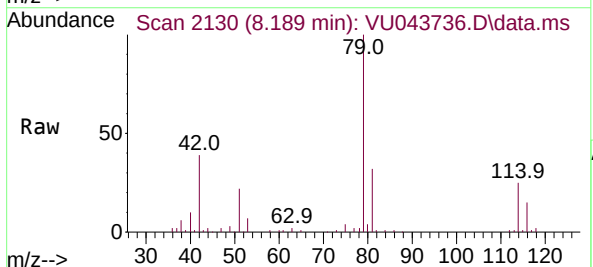
Instrument :
MSVOA_U
ClientSampled :

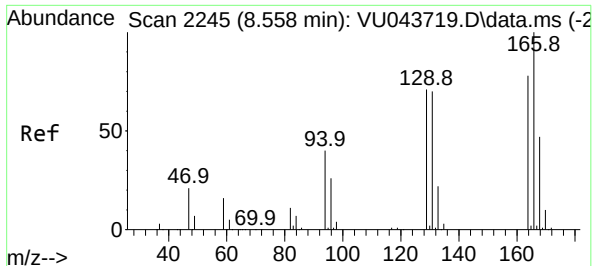
Tgt Ion: 91 Resp: 8131
Ion Ratio Lower Upper
91 100
92 58.2 39.7 73.7



#44
trans-1,3-Dichloropropene
Concen: 0.78 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU043736.D
Acq: 14 May 2021 06:10

Tgt Ion: 75 Resp: 3358
Ion Ratio Lower Upper
75 100
77 39.9 22.4 41.6



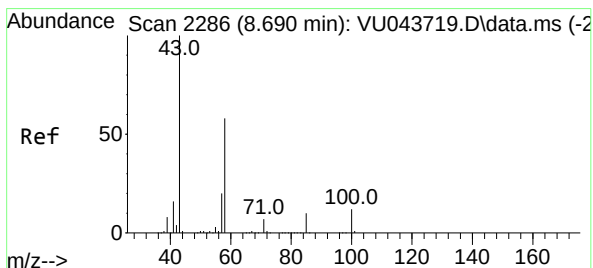
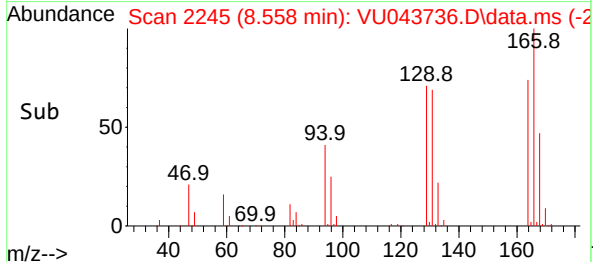
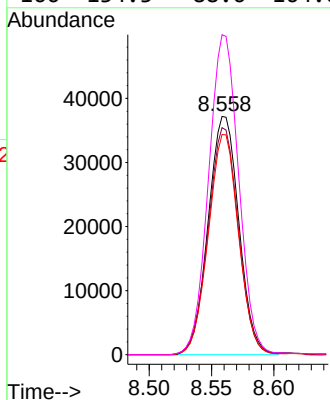
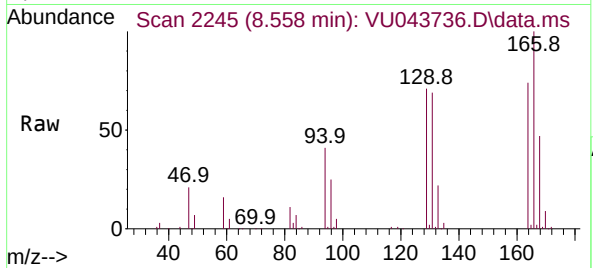


#46
Tetrachloroethene
Concen: 27.15 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU043736.D
Acq: 14 May 2021 06:10

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:164 Resp: 63747

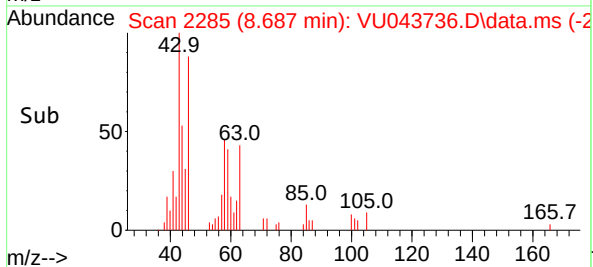
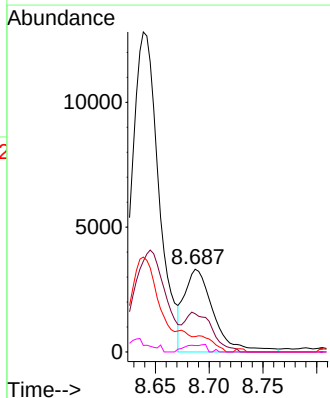
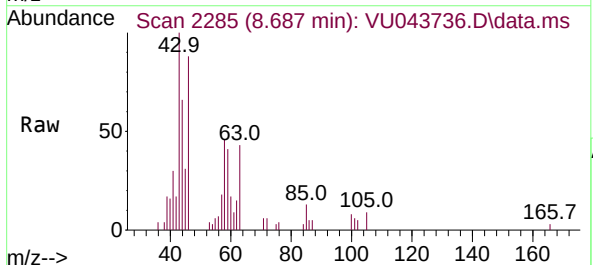
Ion	Ratio	Lower	Upper
164	100		
129	95.3	65.5	121.6
131	92.4	63.0	117.0
166	134.3	88.6	164.6

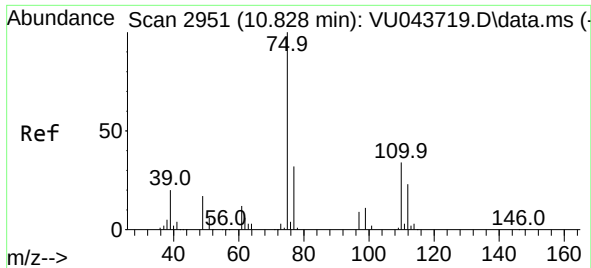


#48
2-Hexanone
Concen: 1.55 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.003 min
Lab File: VU043736.D
Acq: 14 May 2021 06:10

Tgt Ion: 43 Resp: 6260

Ion	Ratio	Lower	Upper
43	100		
58	43.5	46.2	69.2#
57	0.0	15.9	23.9#
100	3.8	9.0	13.6#





#60
 1,2,3-Trichloropropane
 Concen: 4.73 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.990 min
 Lab File: VU043736.D
 Acq: 14 May 2021 06:10

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:	75	Resp:	18148
Ion Ratio	Lower	Upper	
75	100		
77	33.1	25.8	38.6
110	1.5	28.9	43.3#

