

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031921\
 Data File : VU042725.D
 Acq On : 19 Mar 2021 17:01
 Operator : SY/MD
 Sample : M1744-07MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZF6MSD

Quant Time: Mar 20 05:52:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 20 05:47:33 2021
 Response via : Initial Calibration

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

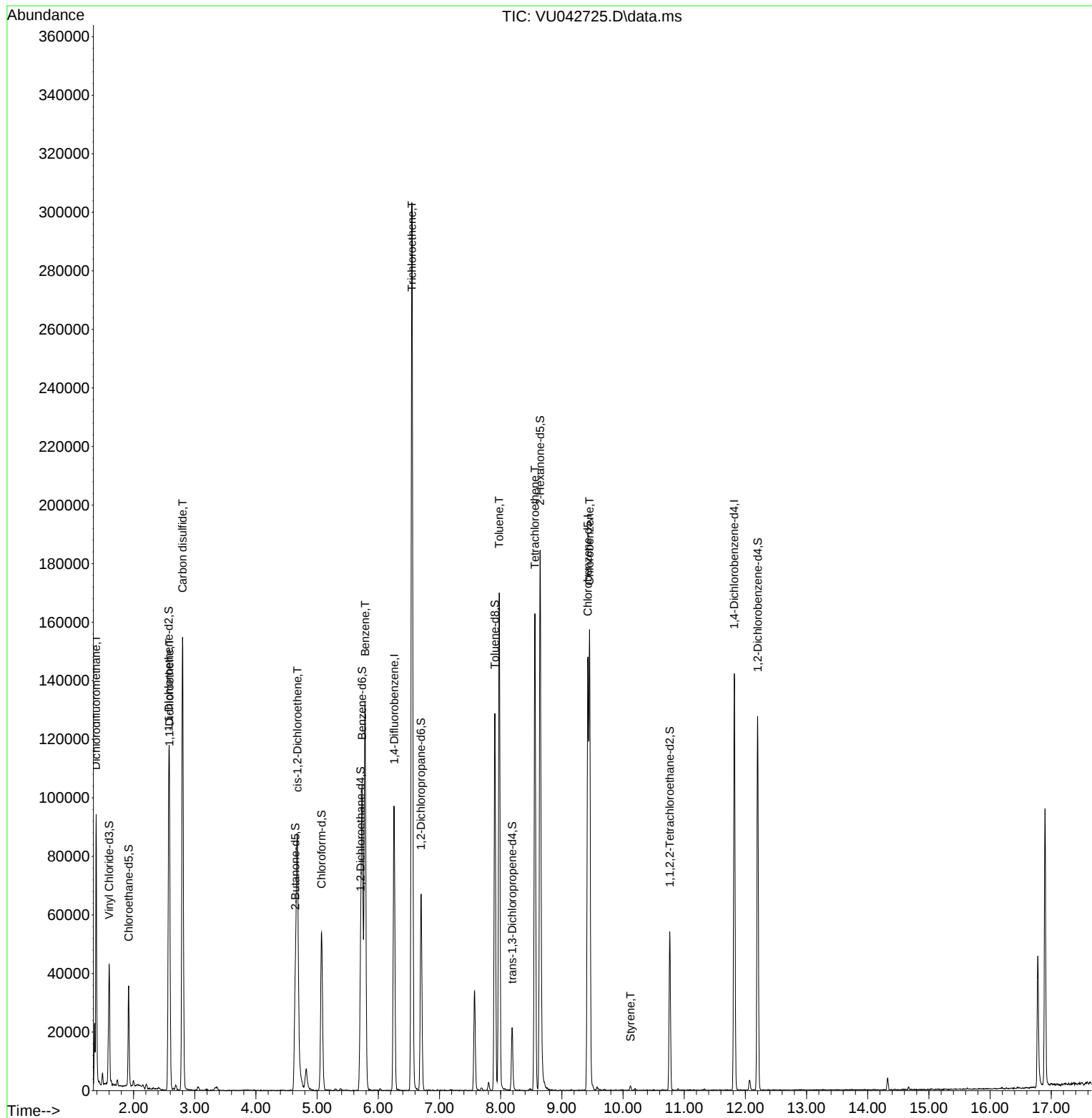
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	73970	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	72869	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	35167	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	24310	4.93	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.60%			
7) Chloroethane-d5	1.919	69	21443	5.74	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 114.80%			
11) 1,1-Dichloroethene-d2	2.575	63	53787	4.83	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.60%			
20) 2-Butanone-d5	4.646	46	85546	52.84	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.68%			
24) Chloroform-d	5.073	84	47564	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.60%			
26) 1,2-Dichloroethane-d4	5.710	65	30801	5.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.60%			
32) Benzene-d6	5.735	84	86395	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
36) 1,2-Dichloropropane-d6	6.700	67	28076	4.87	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.40%			
41) Toluene-d8	7.906	98	79894	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.60%			
43) trans-1,3-Dichloroprop...	8.189	79	11418	4.24	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.80%			
46) 2-Hexanone-d5	8.645	63	60682	47.07	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.14%			
57) 1,1,2,2-Tetrachloroeth...	10.764	84	23841	4.64	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.80%			
64) 1,2-Dichlorobenzene-d4	12.201	152	31945	5.01	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	53234	7.73	ug/L	100
12) 1,1-Dichloroethene	2.588	96	23721	4.55	ug/L	92
14) Carbon disulfide	2.800	76	193944	11.69	ug/L	100
22) cis-1,2-Dichloroethene	4.678	96	34021	5.81	ug/L	99
33) Benzene	5.784	78	113286	4.97	ug/L	100
34) Trichloroethene	6.549	95	95424	15.10	ug/L	98
42) Toluene	7.977	91	116820	4.70	ug/L	95
47) Tetrachloroethene	8.559	164	34366	6.67	ug/L	96
51) Chlorobenzene	9.452	112	74832	4.71	ug/L	98
55) Styrene	10.121	104	890	0.05	ug/L	93

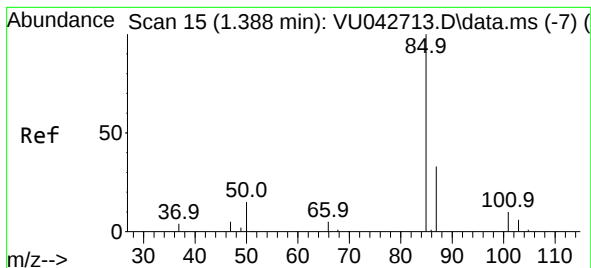
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

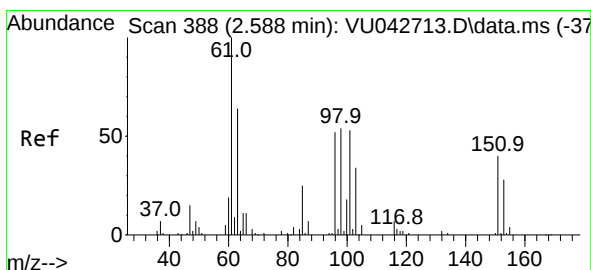
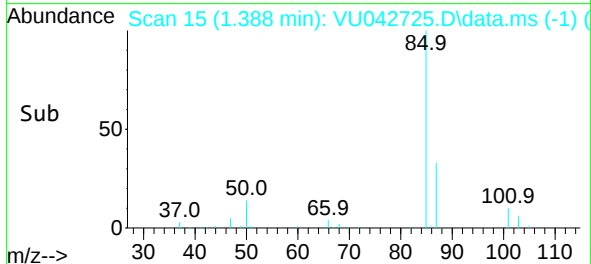
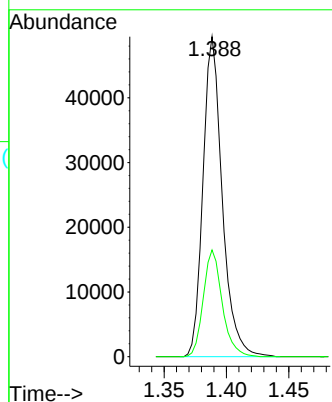
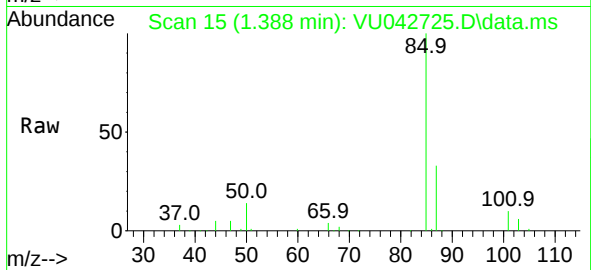




#2
Dichlorodifluoromethane
Concen: 7.73 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU042725.D
Acq: 19 Mar 2021 17:01

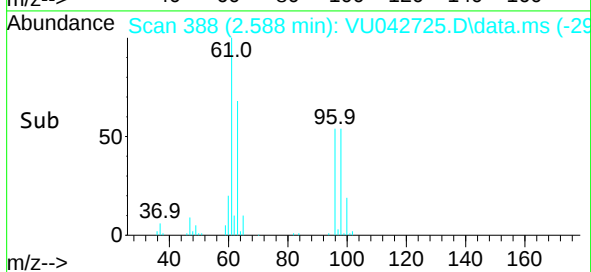
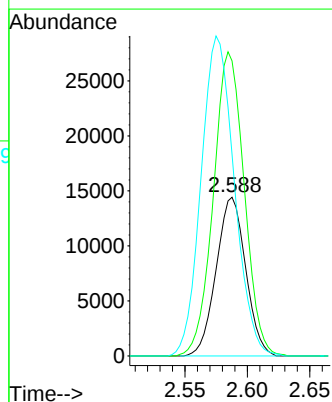
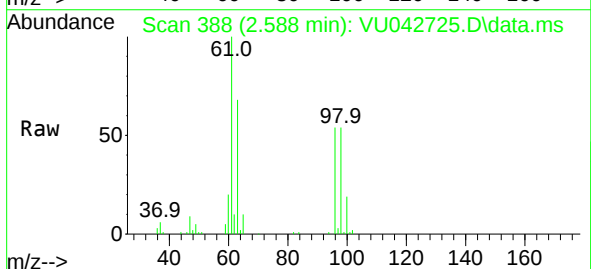
Instrument :
MSVOA_U
ClientSampleId :
ETZF6MSD

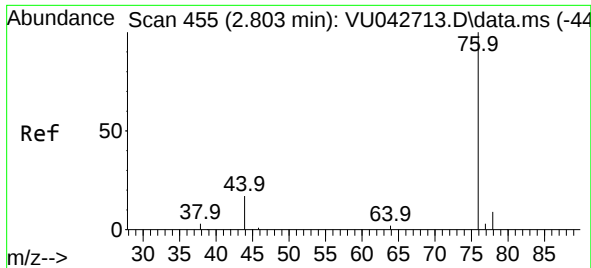
Tgt Ion: 85 Resp: 53234
Ion Ratio Lower Upper
85 100
87 32.7 26.1 39.1



#12
1,1-Dichloroethene
Concen: 4.55 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU042725.D
Acq: 19 Mar 2021 17:01

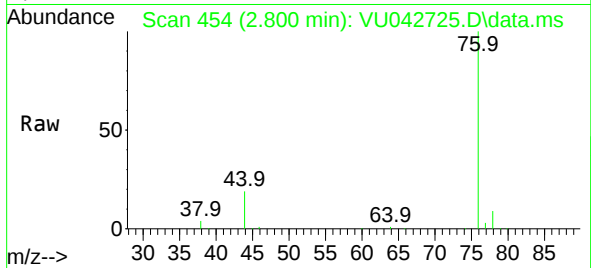
Tgt Ion: 96 Resp: 23721
Ion Ratio Lower Upper
96 100
61 185.8 126.2 234.4
63 127.0 77.8 144.4



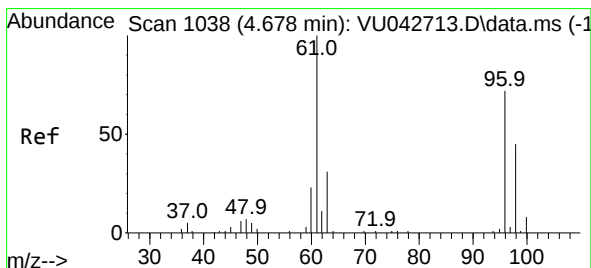
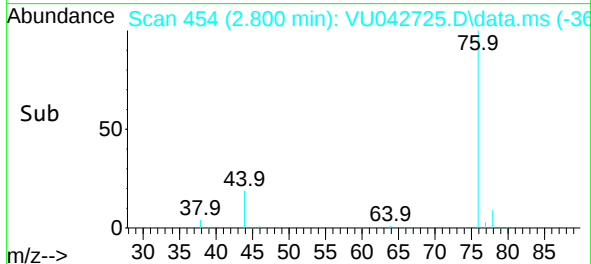
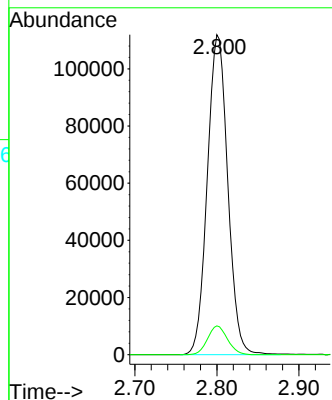


#14
Carbon disulfide
Concen: 11.69 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.003 min
Lab File: VU042725.D
Acq: 19 Mar 2021 17:01

Instrument :
MSVOA_U
ClientSampleId :
ETZF6MSD

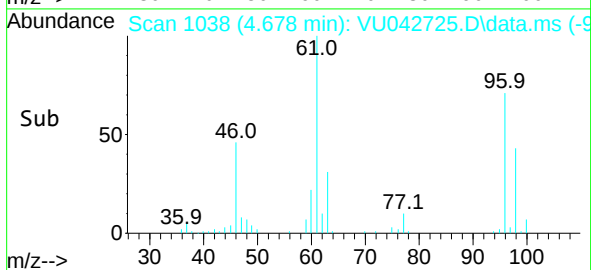
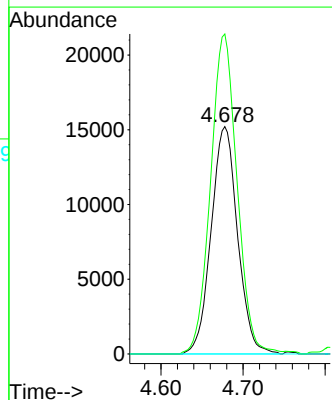
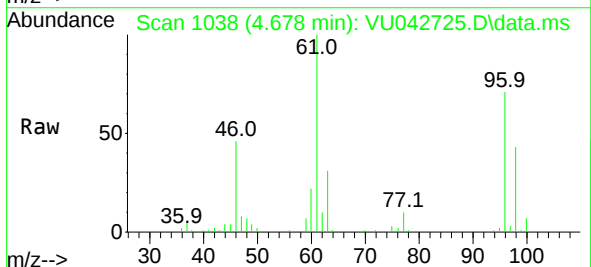


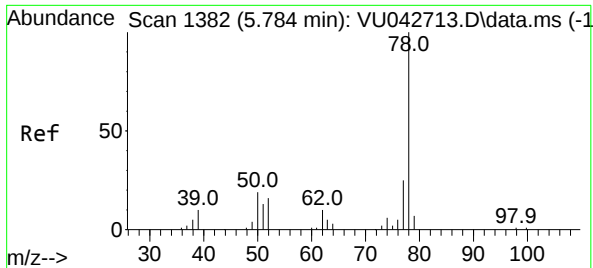
Tgt Ion: 76 Resp: 193944
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#22
cis-1,2-Dichloroethene
Concen: 5.81 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VU042725.D
Acq: 19 Mar 2021 17:01

Tgt Ion: 96 Resp: 34021
Ion Ratio Lower Upper
96 100
61 140.7 97.8 181.6
68 0.0 0.0 0.0

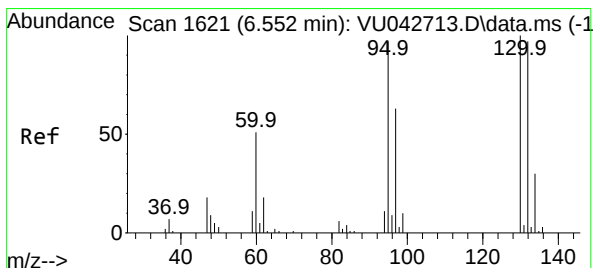
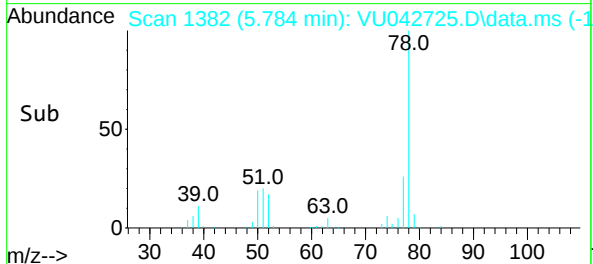
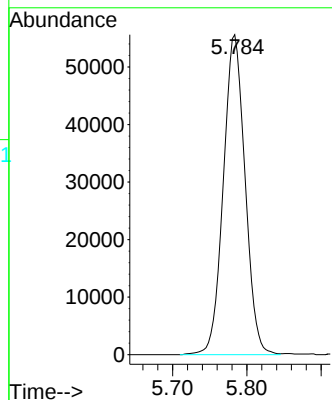
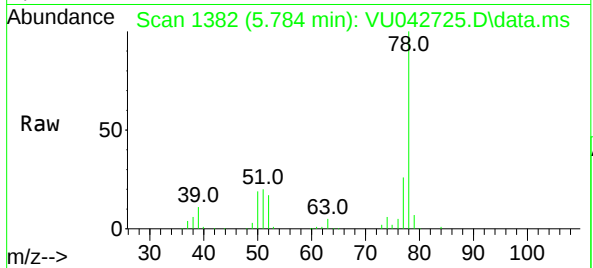




#33
Benzene
Concen: 4.97 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU042725.D
Acq: 19 Mar 2021 17:01

Instrument :
MSVOA_U
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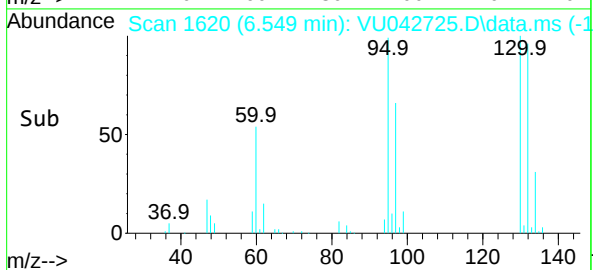
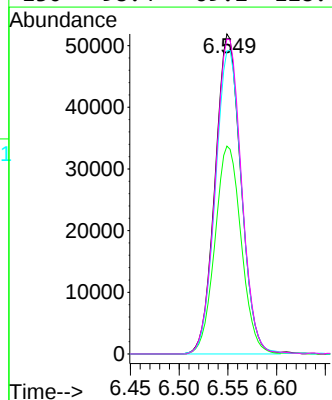
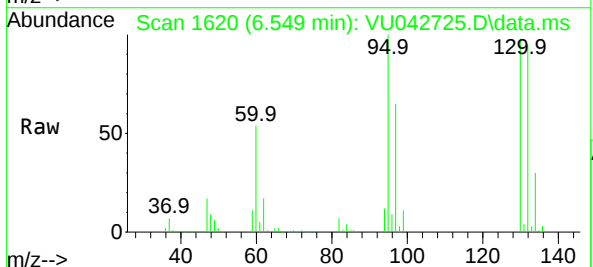
Tgt Ion: 78 Resp: 113286

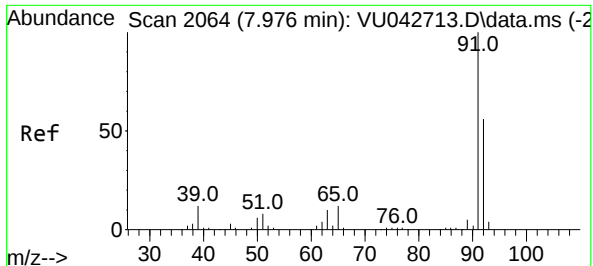


#34
Trichloroethene
Concen: 15.10 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU042725.D
Acq: 19 Mar 2021 17:01

Tgt Ion: 95 Resp: 95424

Ion	Ratio	Lower	Upper
95	100		
97	65.0	44.4	82.4
132	94.7	68.0	126.4
130	98.4	69.2	128.4

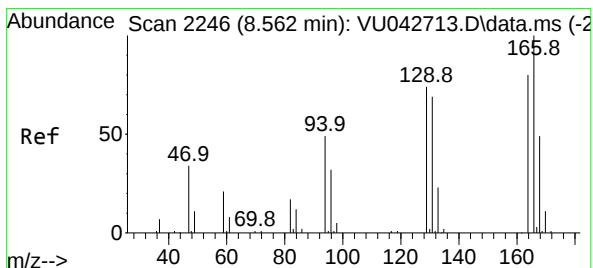
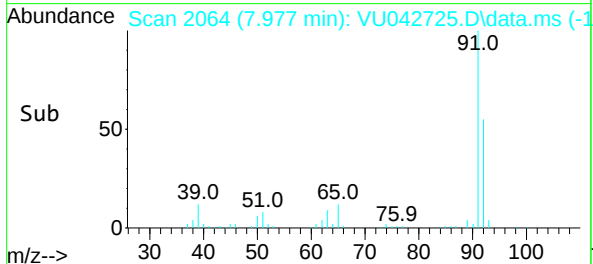
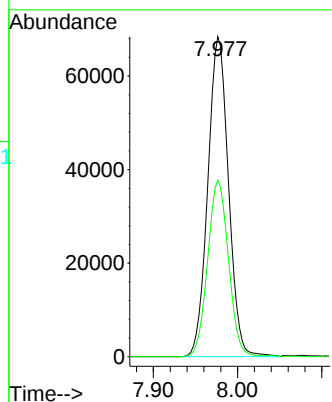
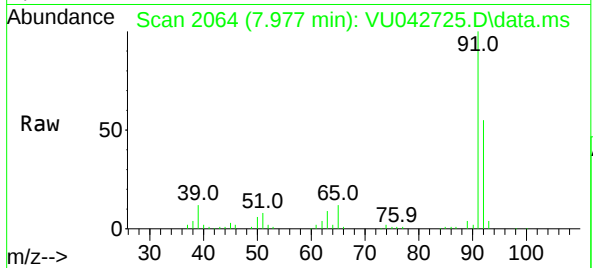




#42
Toluene
Concen: 4.70 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU042725.D
Acq: 19 Mar 2021 17:01

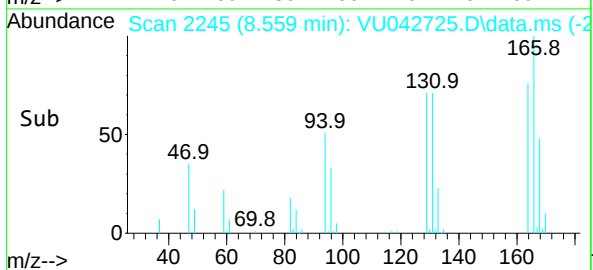
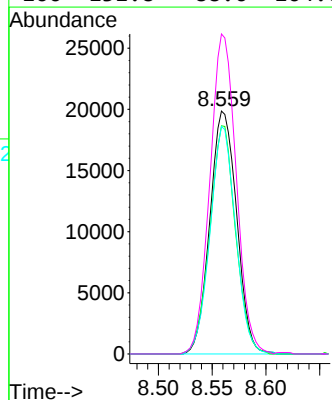
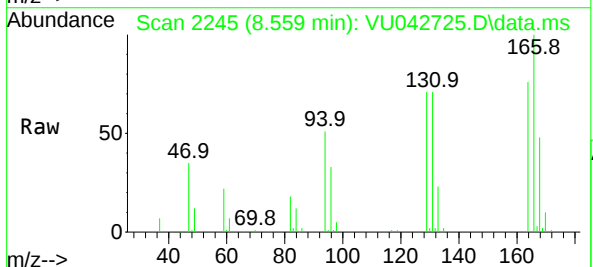
Instrument :
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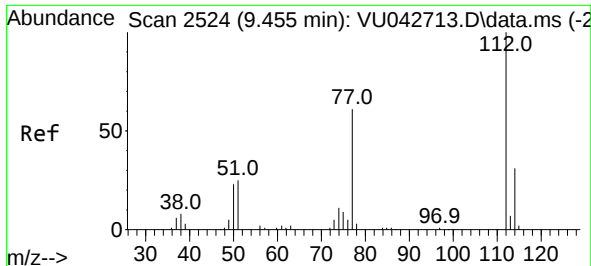
Tgt Ion: 91 Resp: 116820
Ion Ratio Lower Upper
91 100
92 55.1 41.2 76.6



#47
Tetrachloroethene
Concen: 6.67 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU042725.D
Acq: 19 Mar 2021 17:01

Tgt Ion: 164 Resp: 34366
Ion Ratio Lower Upper
164 100
129 94.0 64.3 119.5
131 93.7 62.2 115.6
166 131.8 88.6 164.6

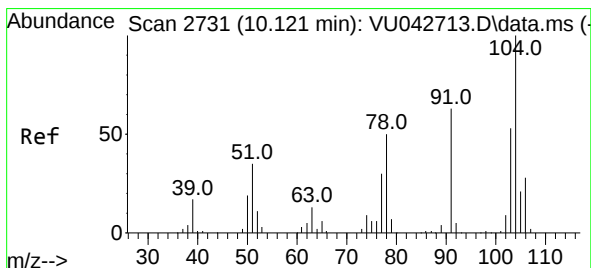
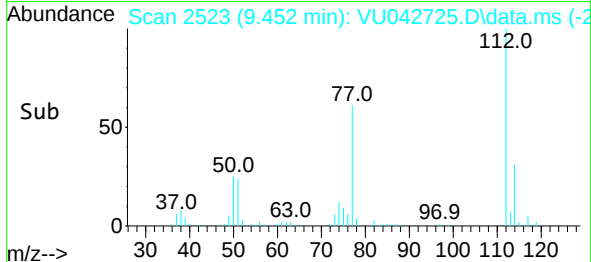
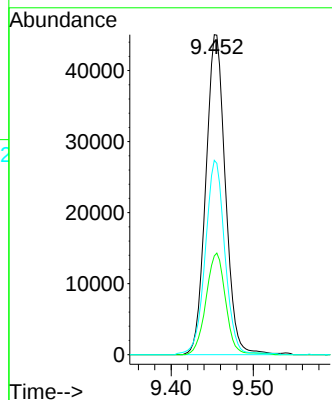
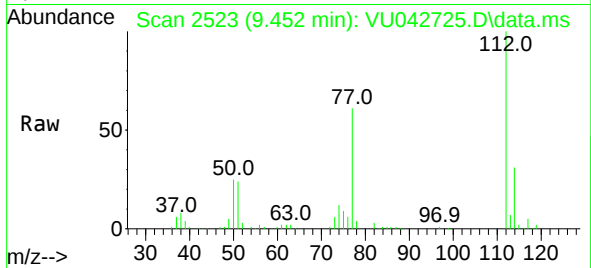




#51
Chlorobenzene
Concen: 4.71 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.003 min
Lab File: VU042725.D
Acq: 19 Mar 2021 17:01

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Tgt Ion:112 Resp: 74832
Ion Ratio Lower Upper
112 100
114 30.9 22.0 41.0
77 60.7 49.8 74.6



#55
Styrene
Concen: 0.05 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU042725.D
Acq: 19 Mar 2021 17:01

Tgt Ion:104 Resp: 890
Ion Ratio Lower Upper
104 100
78 45.0 34.9 64.7

