

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
 Data File : VU042115.D
 Acq On : 20 Jan 2021 19:00
 Operator : SY/MD
 Sample : M1164-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Jan 21 04:26:00 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 21 04:09:50 2021
 Response via : Initial Calibration

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

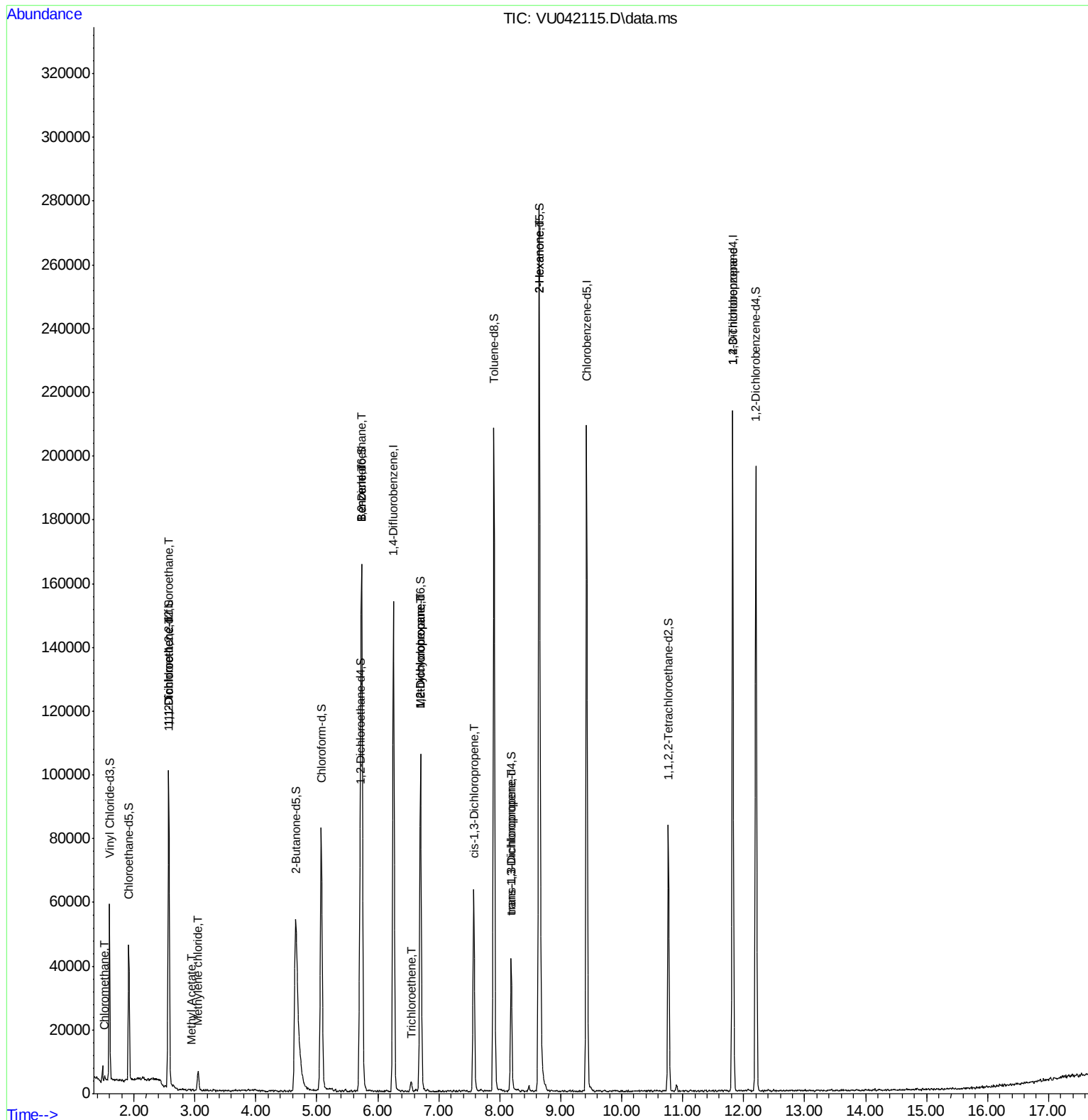
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	119949	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	110648	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	55760	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	35763	4.62	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.40%			
7) Chloroethane-d5	1.916	69	29292	4.70	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.00%			
11) 1,1-Dichloroethene-d2	2.572	63	60893	3.57	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.40%			
20) 2-Butanone-d5	4.655	46	145548	51.55	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.10%			
24) Chloroform-d	5.073	84	74608	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.40%			
26) 1,2-Dichloroethane-d4	5.710	65	46349	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.80%			
32) Benzene-d6	5.736	84	141383	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.80%			
36) 1,2-Dichloropropane-d6	6.700	67	46846	5.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.60%			
41) Toluene-d8	7.906	98	130159	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.40%			
43) trans-1,3-Dichloroprop...	8.189	79	22991	4.87	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.40%			
46) 2-Hexanone-d5	8.645	63	109219	53.10	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.20%			
57) 1,1,2,2-Tetrachloroeth...	10.764	84	40283	5.04	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.80%			
64) 1,2-Dichlorobenzene-d4	12.202	152	50592	5.05	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.00%			
Target Compounds					Qvalue	
3) Chloromethane	1.520	50	722	0.07	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	492	0.06	ug/L #	18
12) 1,1-Dichloroethene	2.572	96	499	0.06	ug/L #	1
15) Methyl Acetate	2.948	43	452	0.10	ug/L #	55
16) Methylene chloride	3.054	84	2470	0.26	ug/L	86
27) 1,2-Dichloroethane	5.736	62	923	0.08	ug/L #	75
33) Benzene	5.736	78	1235	0.04	ug/L	100
34) Trichloroethene	6.555	95	959	0.11	ug/L	96
35) Methylcyclohexane	6.700	83	11313	0.77	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	5490	0.64	ug/L #	87
39) cis-1,3-Dichloropropene	7.578	75	1415	0.10	ug/L #	44
44) trans-1,3-Dichloropropene	8.186	75	1015	0.08	ug/L #	68
48) 2-Hexanone	8.645	43	15814	3.10	ug/L #	67
59) 1,2,3-Trichloropropane	11.822	75	6458	1.07	ug/L	93

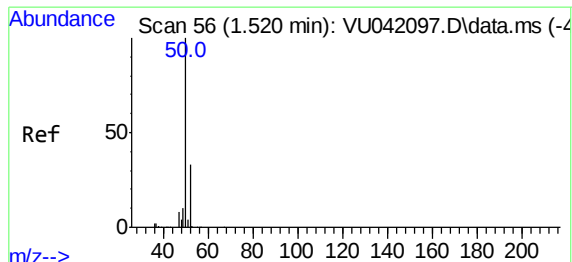
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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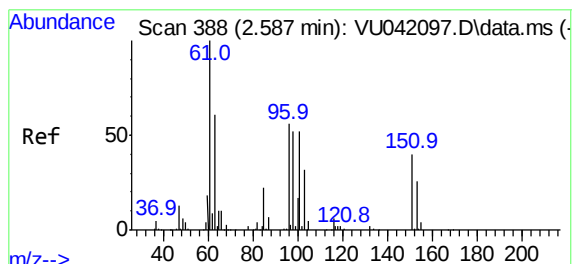
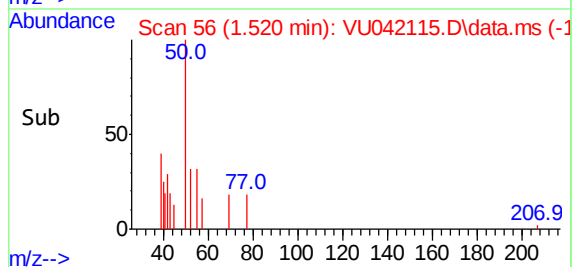
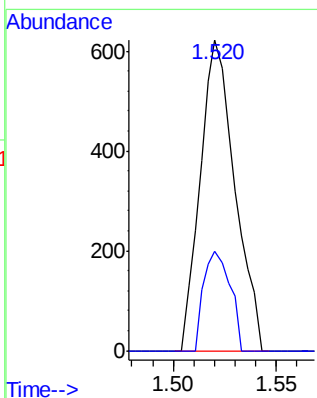
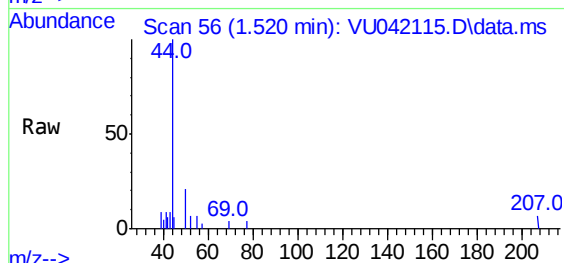




#3
Chloromethane
Concen: 0.07 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU042115.D
Acq: 20 Jan 2021 19:00

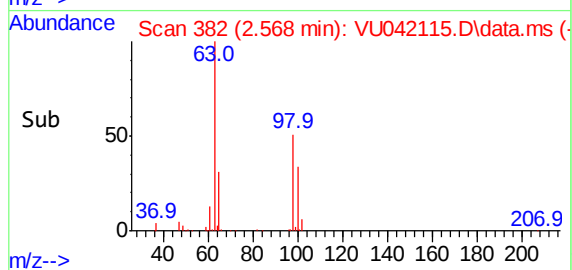
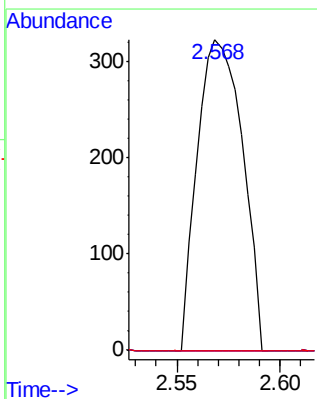
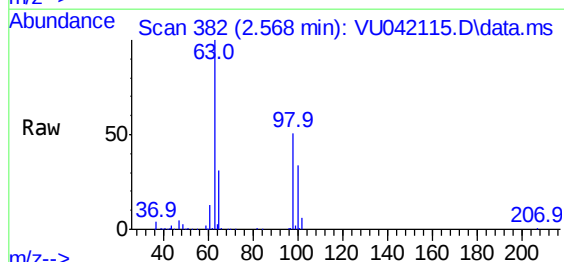
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

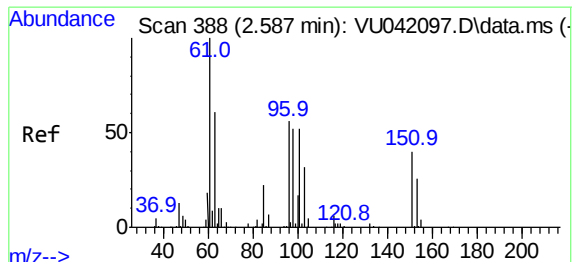
Tgt Ion: 50 Resp: 722
Ion Ratio Lower Upper
50 100
52 32.0 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.06 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.019 min
Lab File: VU042115.D
Acq: 20 Jan 2021 19:00

Tgt Ion:101 Resp: 492
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

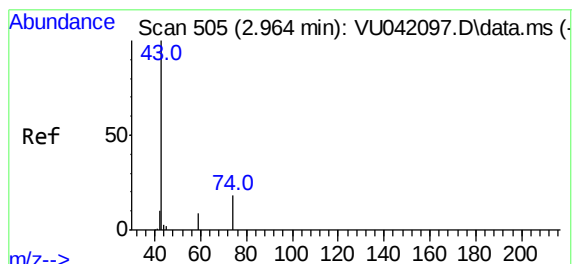
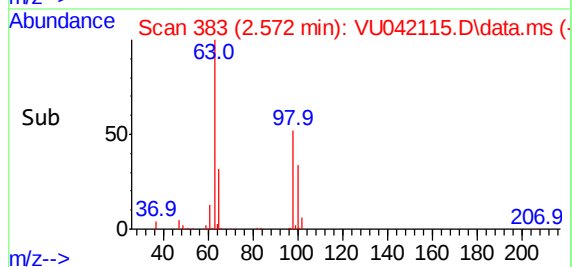
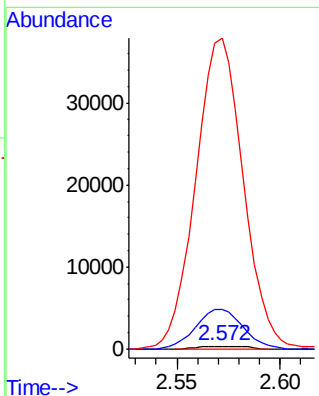
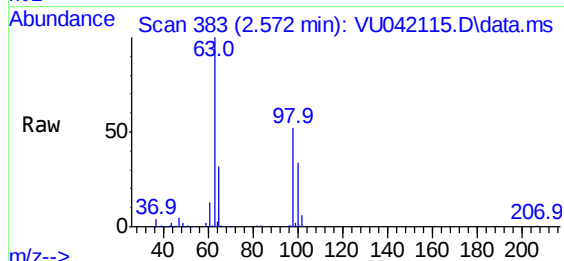




#12
1,1-Dichloroethene
Concen: 0.06 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU042115.D
Acq: 20 Jan 2021 19:00

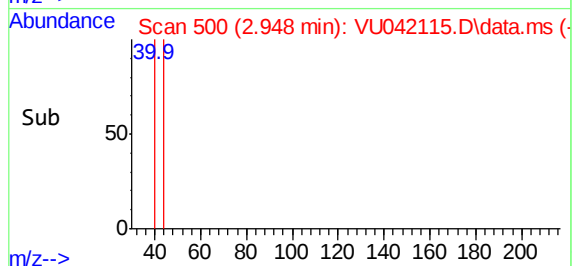
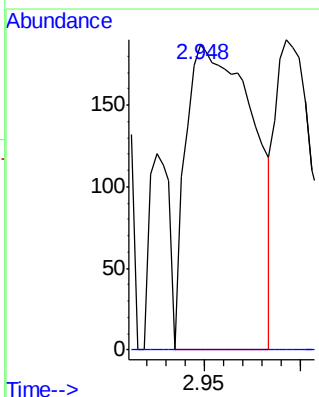
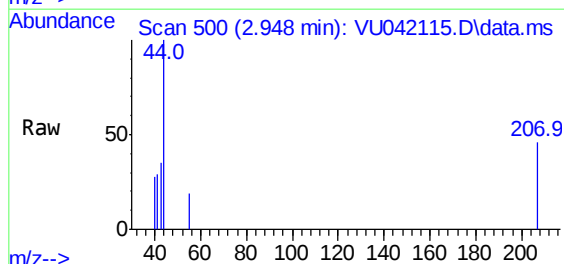
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

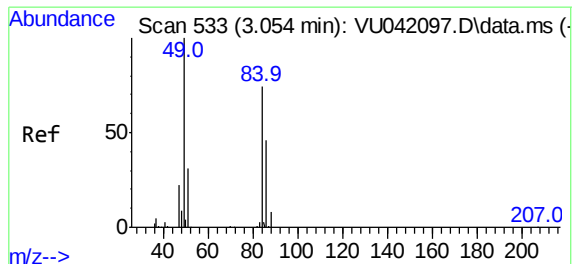
Tgt Ion: 96 Resp: 499
Ion Ratio Lower Upper
96 100
61 1485.1 126.2 234.4#
63 11561.0 77.8 144.4#



#15
Methyl Acetate
Concen: 0.10 ug/L
RT: 2.948 min Scan# 500
Delta R.T. -0.016 min
Lab File: VU042115.D
Acq: 20 Jan 2021 19:00

Tgt Ion: 43 Resp: 452
Ion Ratio Lower Upper
43 100
74 0.0 16.9 25.3#

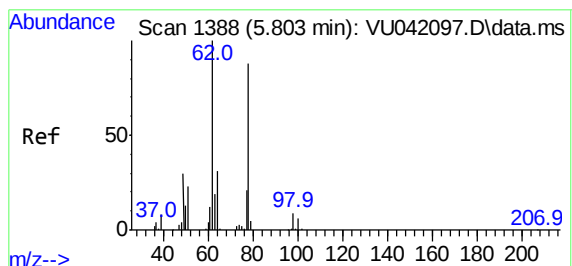
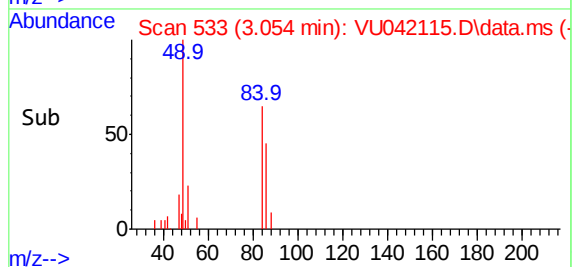
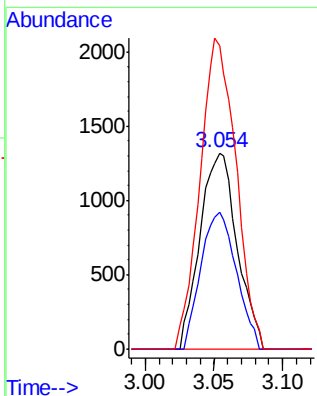
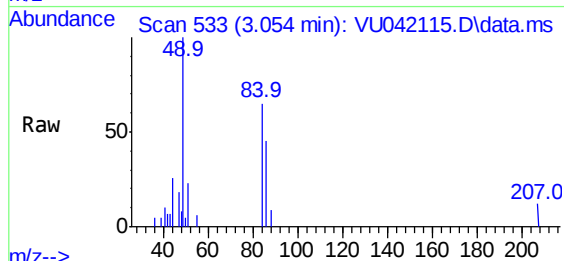




#16
Methylene chloride
Concen: 0.26 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU042115.D
Acq: 20 Jan 2021 19:00

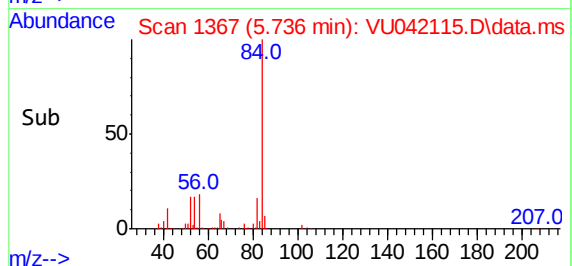
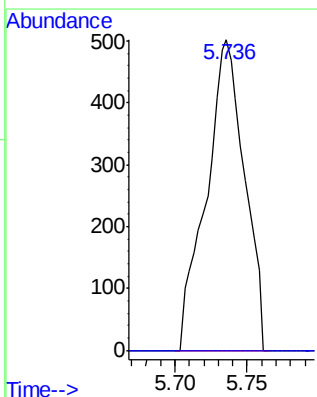
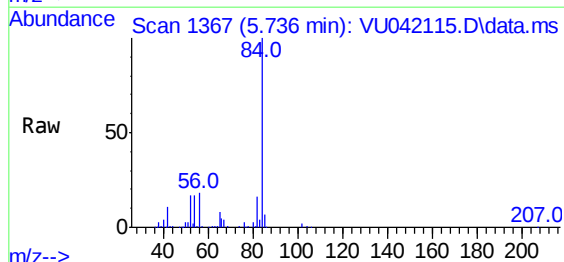
Instrument :
MSVOA_U
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VHBLK01

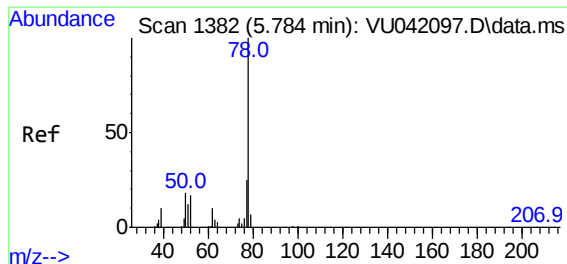
Tgt Ion: 84 Resp: 2470
Ion Ratio Lower Upper
84 100
86 69.9 44.1 81.9
49 155.0 95.0 176.4



#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.736 min Scan# 1367
Delta R.T. -0.067 min
Lab File: VU042115.D
Acq: 20 Jan 2021 19:00

Tgt Ion: 62 Resp: 923
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

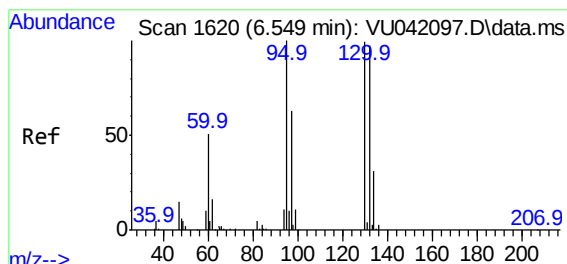
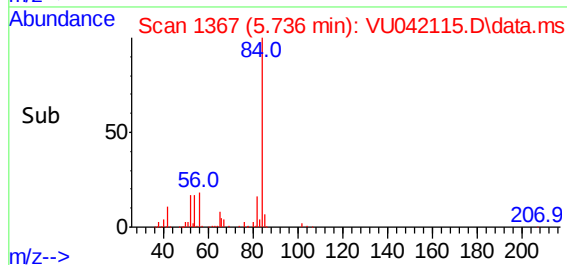
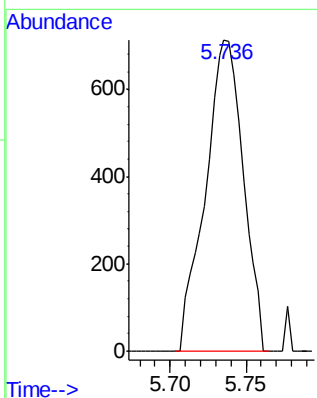
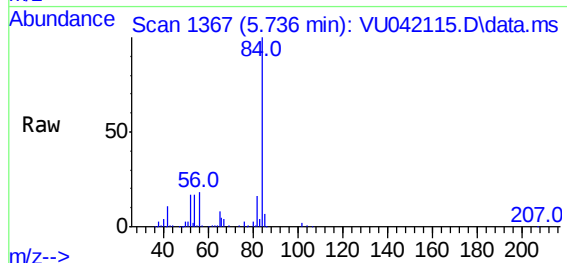




#33
Benzene
Concen: 0.04 ug/L
RT: 5.736 min Scan# 1367
Delta R.T. -0.048 min
Lab File: VU042115.D
Acq: 20 Jan 2021 19:00

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

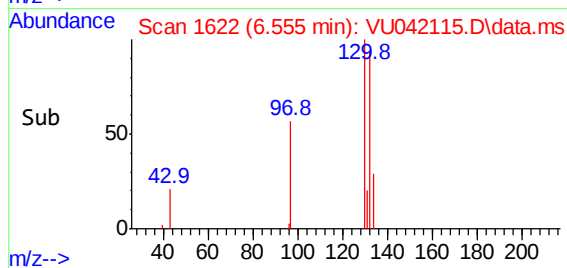
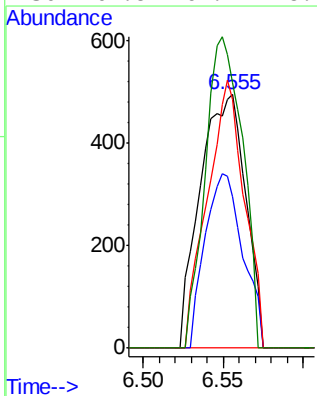
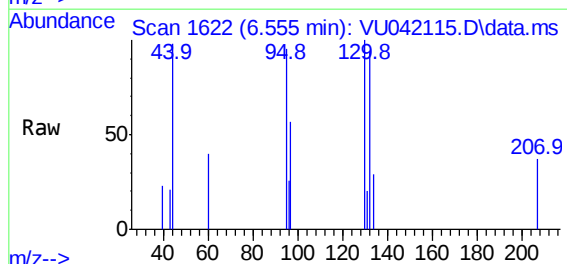
Tgt Ion: 78 Resp: 1235

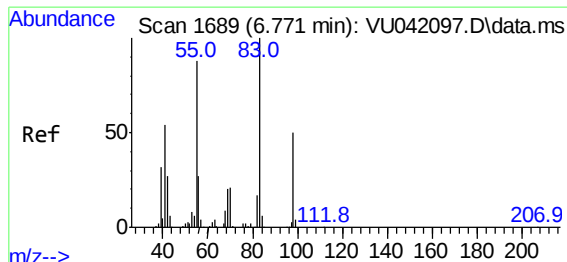


#34
Trichloroethene
Concen: 0.11 ug/L
RT: 6.555 min Scan# 1622
Delta R.T. 0.007 min
Lab File: VU042115.D
Acq: 20 Jan 2021 19:00

Tgt Ion: 95 Resp: 959

Ion	Ratio	Lower	Upper
95	100		
97	59.6	44.4	82.4
132	98.2	68.0	126.4
130	104.8	69.2	128.4

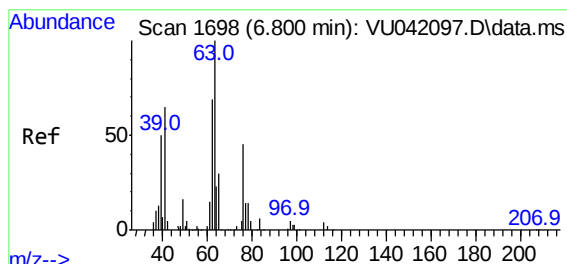
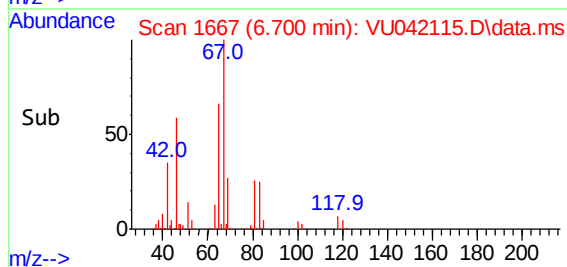
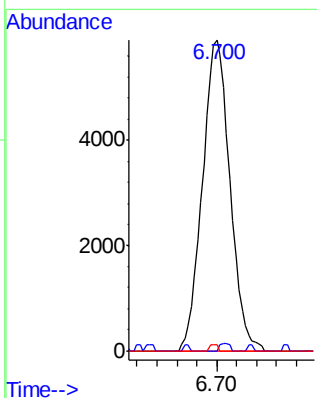
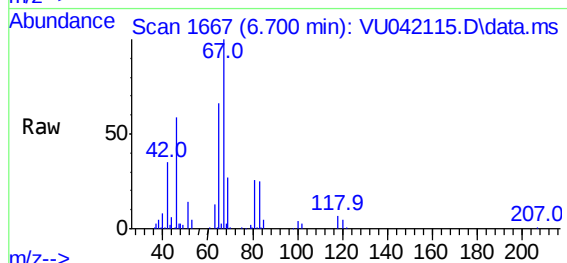




#35
Methylcyclohexane
Concen: 0.77 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.070 min
Lab File: VU042115.D
Acq: 20 Jan 2021 19:00

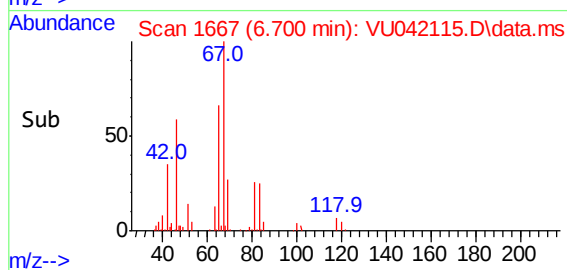
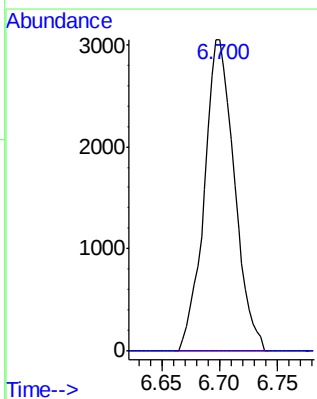
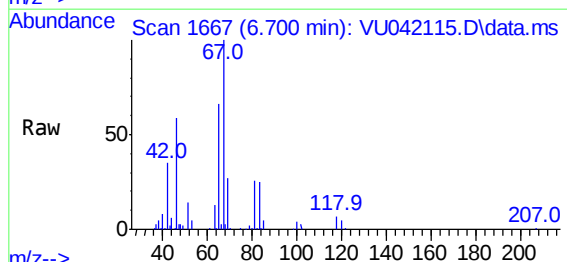
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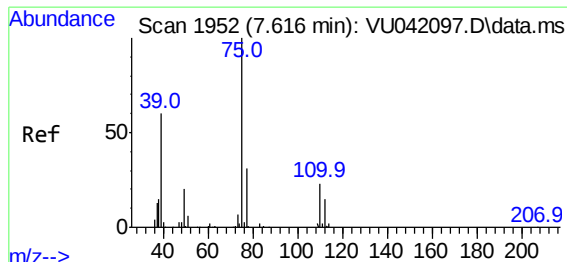
Tgt Ion: 83 Resp: 11313
Ion Ratio Lower Upper
83 100
55 0.9 68.2 102.4#
98 0.6 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.64 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.099 min
Lab File: VU042115.D
Acq: 20 Jan 2021 19:00

Tgt Ion: 63 Resp: 5490
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

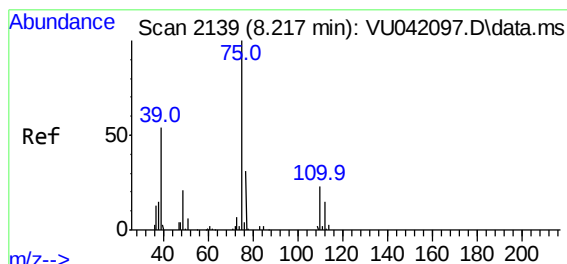
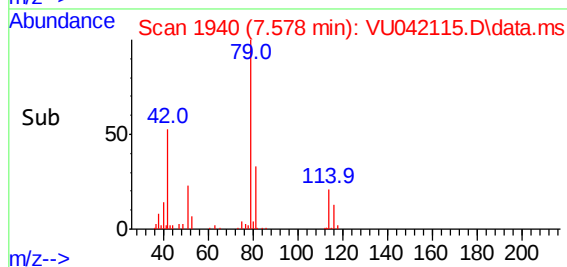
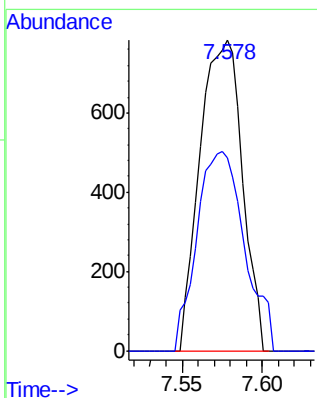
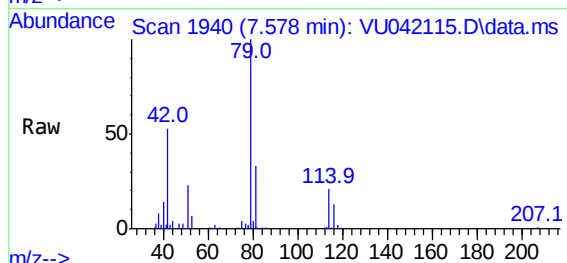




#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.038 min
Lab File: VU042115.D
Acq: 20 Jan 2021 19:00

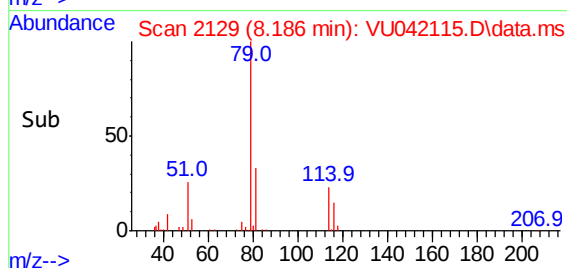
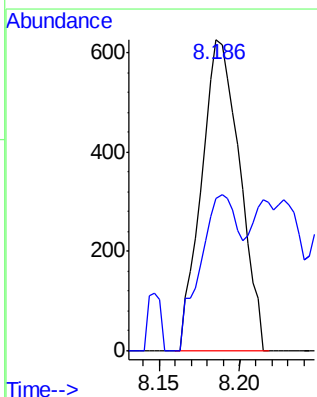
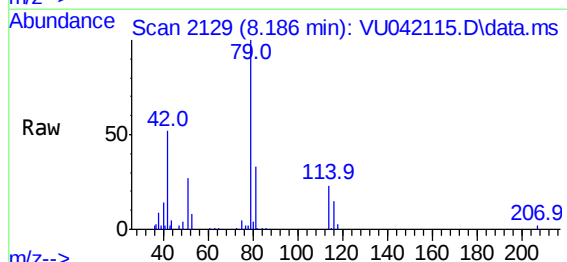
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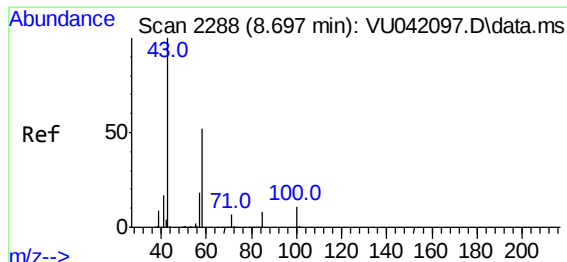
Tgt Ion: 75 Resp: 1415
Ion Ratio Lower Upper
75 100
77 62.1 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.032 min
Lab File: VU042115.D
Acq: 20 Jan 2021 19:00

Tgt Ion: 75 Resp: 1015
Ion Ratio Lower Upper
75 100
77 48.7 21.8 40.4#



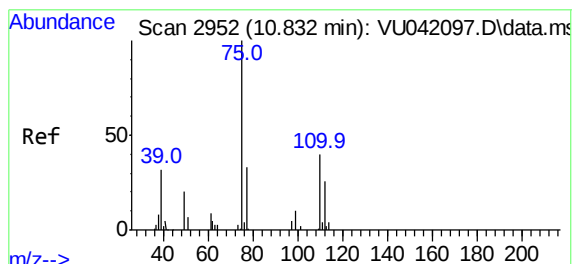
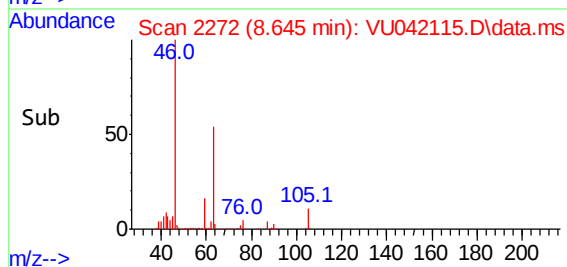
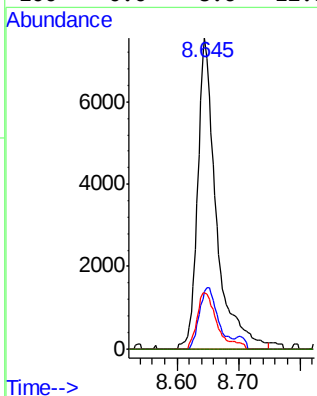
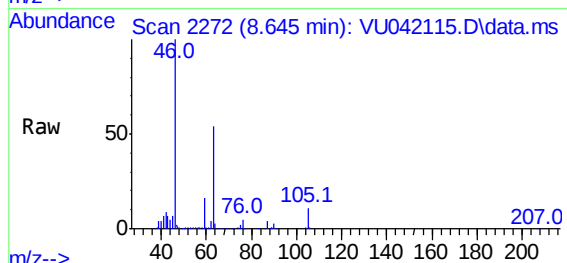


#48
2-Hexanone
Concen: 3.10 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU042115.D
Acq: 20 Jan 2021 19:00

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 43 Resp: 15814

Ion	Ratio	Lower	Upper
43	100		
58	19.6	40.6	61.0#
57	19.4	14.9	22.3
100	0.0	8.6	12.8#



#59
1,2,3-Trichloropropane
Concen: 1.07 ug/L
RT: 11.822 min Scan# 3260
Delta R.T. 0.991 min
Lab File: VU042115.D
Acq: 20 Jan 2021 19:00

Tgt Ion: 75 Resp: 6458

Ion	Ratio	Lower	Upper
75	100		
77	36.5	26.0	39.0

