

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032221\
 Data File : VU042752.D
 Acq On : 22 Mar 2021 10:49
 Operator : SY/MD
 Sample : VU0322WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK02

Quant Time: Mar 23 07:16:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 23 07:16:03 2021
 Response via : Initial Calibration

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

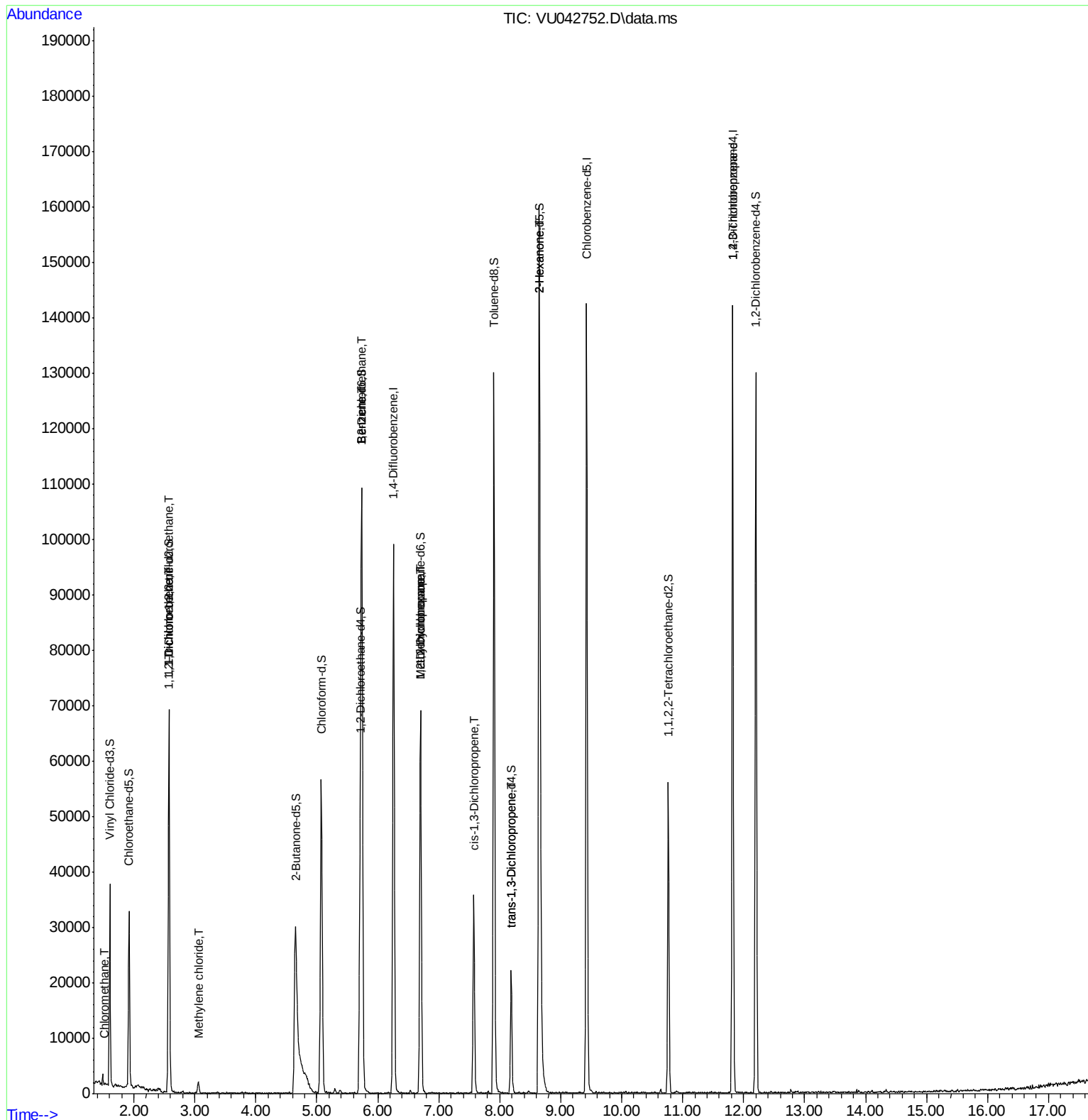
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	74465	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	75408	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	36412	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	24065	4.85	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	97.00%		
7) Chloroethane-d5	1.919	69	21511	5.72	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	114.40%		
11) 1,1-Dichloroethene-d2	2.575	63	41547	3.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	74.20%		
20) 2-Butanone-d5	4.652	46	80218	49.22	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	98.44%		
24) Chloroform-d	5.073	84	50042	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	102.00%		
26) 1,2-Dichloroethane-d4	5.713	65	32671	5.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	108.20%		
32) Benzene-d6	5.735	84	90568	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	98.00%		
36) 1,2-Dichloropropane-d6	6.700	67	29180	4.89	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	97.80%		
41) Toluene-d8	7.906	98	82532	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	91.40%		
43) trans-1,3-Dichloroprop...	8.185	79	11815	4.24	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	84.80%		
46) 2-Hexanone-d5	8.645	63	63072	47.27	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	94.54%		
57) 1,1,2,2-Tetrachloroeth...	10.764	84	24718	4.65	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	93.00%		
64) 1,2-Dichlorobenzene-d4	12.201	152	32803	4.97	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	99.40%		
Target Compounds						
3) Chloromethane	1.520	50	321	0.05	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	299	0.05	ug/L #	18
12) 1,1-Dichloroethene	2.572	96	279	0.05	ug/L #	1
16) Methylene chloride	3.063	84	953	0.15	ug/L #	75
27) 1,2-Dichloroethane	5.732	62	551	0.07	ug/L #	75
33) Benzene	5.735	78	807	0.03	ug/L	100
35) Methylcyclohexane	6.697	83	6509	0.65	ug/L #	14
37) 1,2-Dichloropropane	6.703	63	3715	0.58	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	1019	0.11	ug/L	99
44) trans-1,3-Dichloropropene	8.185	75	645	0.08	ug/L #	44
48) 2-Hexanone	8.645	43	10596	2.59	ug/L #	72
59) 1,2,3-Trichloropropane	11.819	75	4741	0.99	ug/L	96

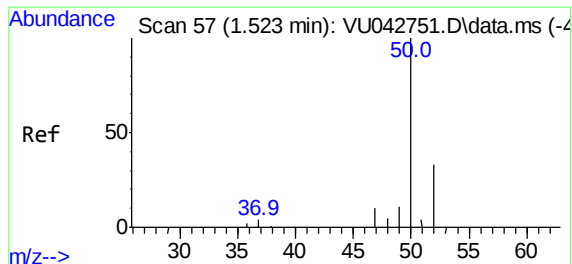
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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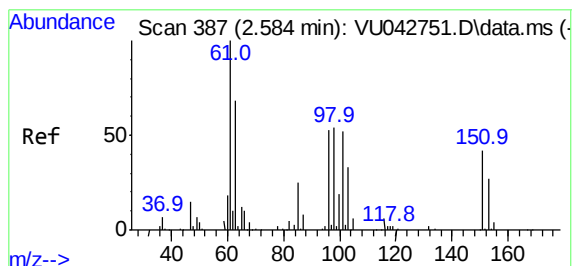
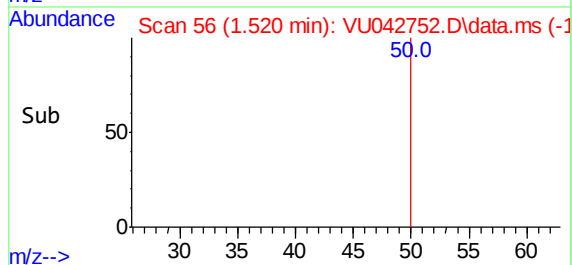
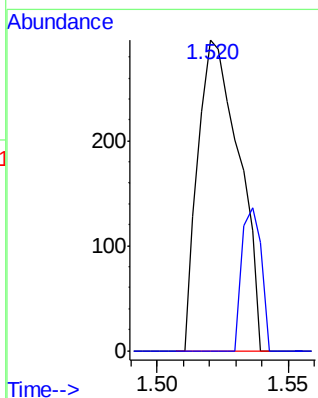
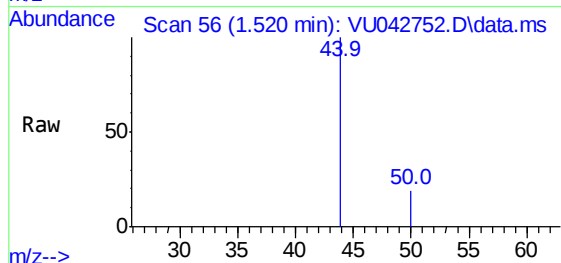




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042752.D
Acq: 22 Mar 2021 10:49

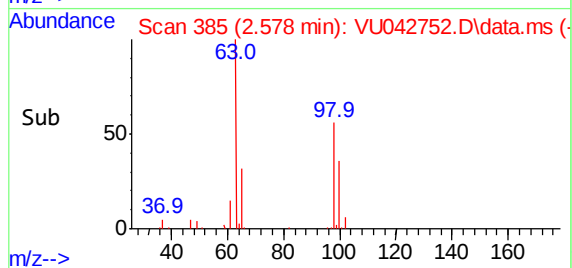
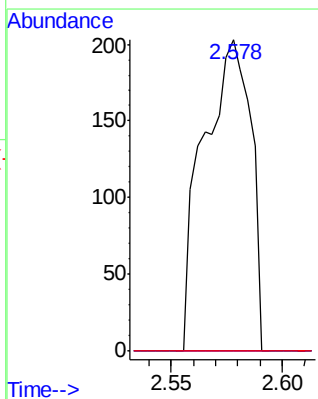
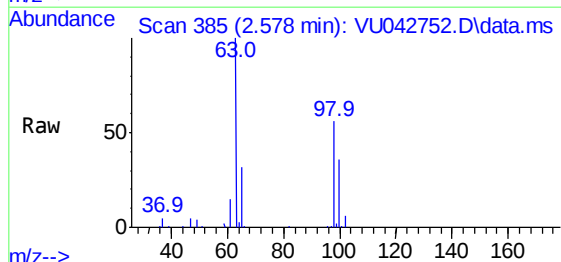
Instrument :
MSVOA_U
ClientSampleId :
VBLK02

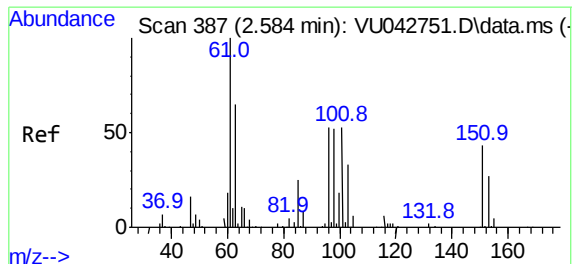
Tgt Ion: 50 Resp: 321
Ion Ratio Lower Upper
50 100
52 0.0 23.0 42.8#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.006 min
Lab File: VU042752.D
Acq: 22 Mar 2021 10:49

Tgt Ion: 101 Resp: 299
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

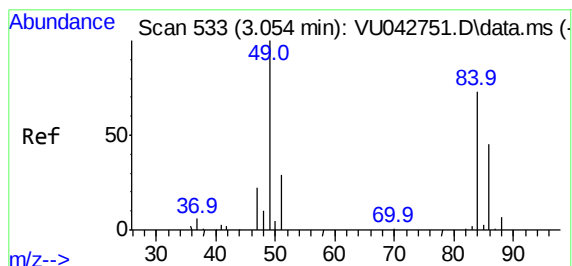
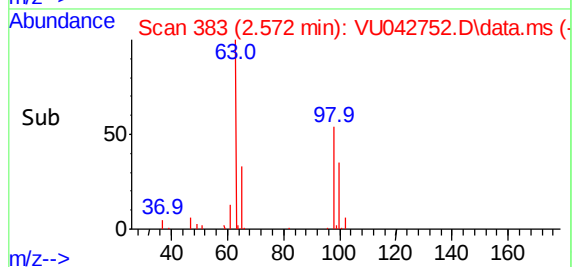
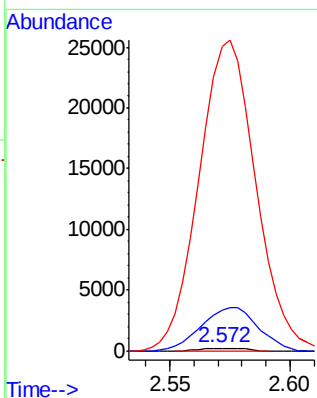
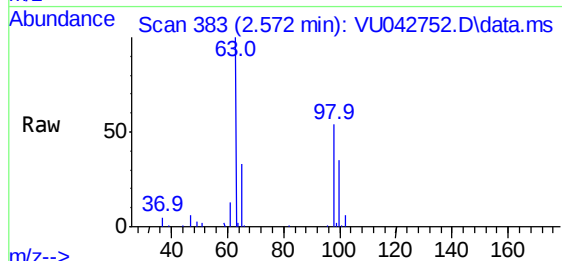




#12
1,1-Dichloroethene
Concen: 0.05 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU042752.D
Acq: 22 Mar 2021 10:49

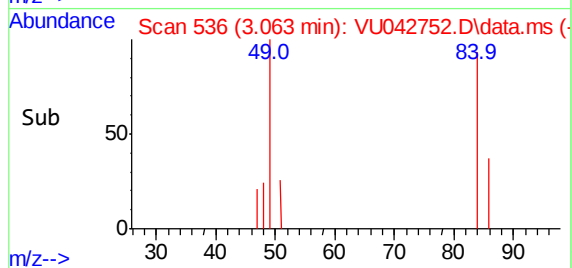
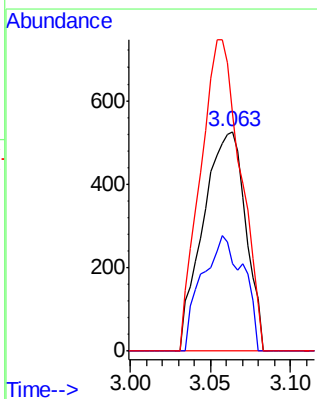
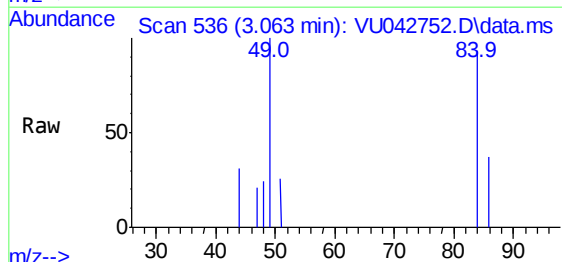
Instrument :
MSVOA_U
ClientSampleId :
VBLK02

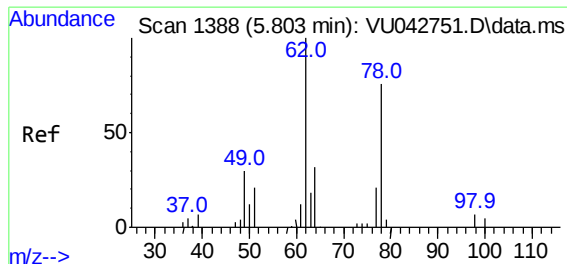
Tgt Ion: 96 Resp: 279
Ion Ratio Lower Upper
96 100
61 1519.8 126.2 234.4#
63 11531.8 77.8 144.4#



#16
Methylene chloride
Concen: 0.15 ug/L
RT: 3.063 min Scan# 536
Delta R.T. 0.010 min
Lab File: VU042752.D
Acq: 22 Mar 2021 10:49

Tgt Ion: 84 Resp: 953
Ion Ratio Lower Upper
84 100
86 39.7 44.1 81.9#
49 108.0 95.0 176.4

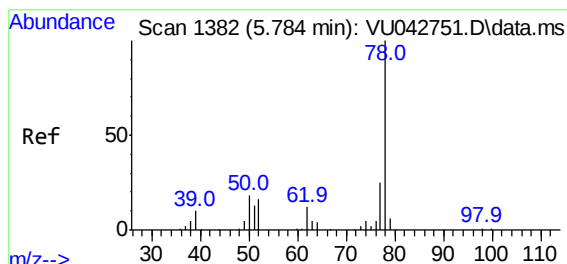
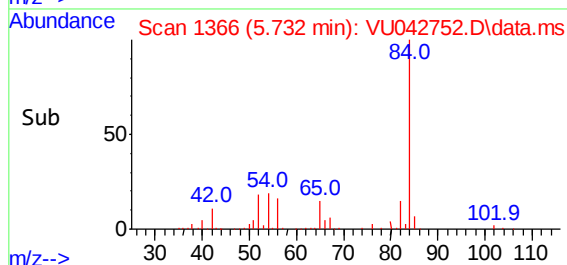
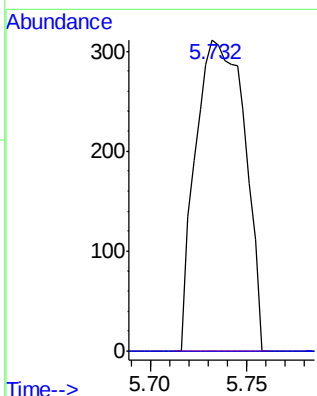
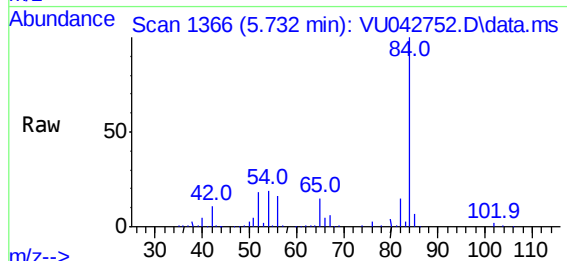




#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.071 min
Lab File: VU042752.D
Acq: 22 Mar 2021 10:49

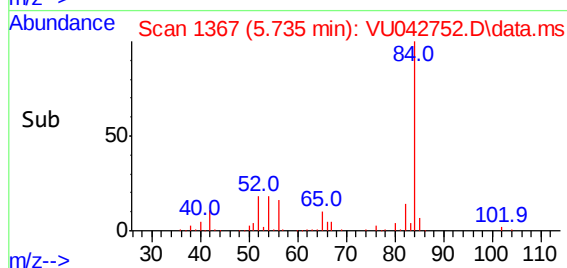
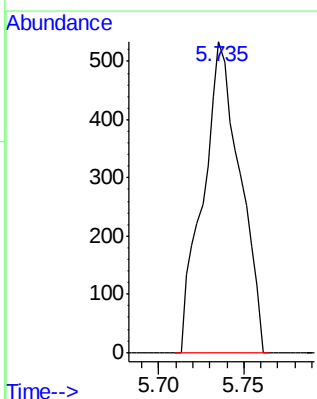
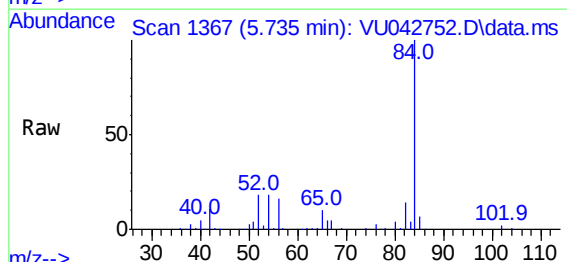
Instrument :
MSVOA_U
ClientSampleId :
VBLK02

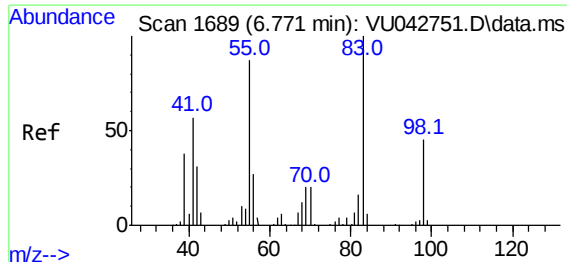
Tgt Ion: 62 Resp: 551
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#33
Benzene
Concen: 0.03 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.048 min
Lab File: VU042752.D
Acq: 22 Mar 2021 10:49

Tgt Ion: 78 Resp: 807

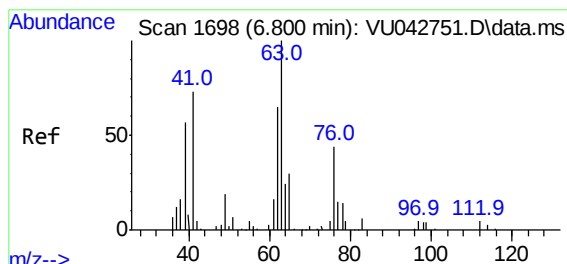
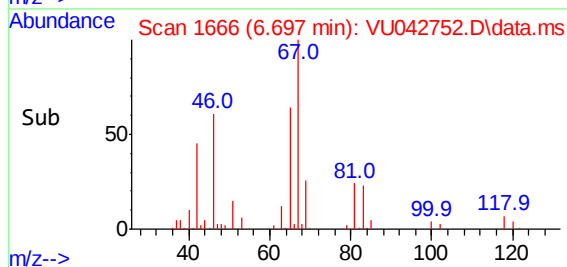
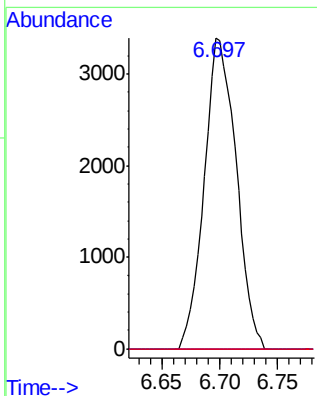
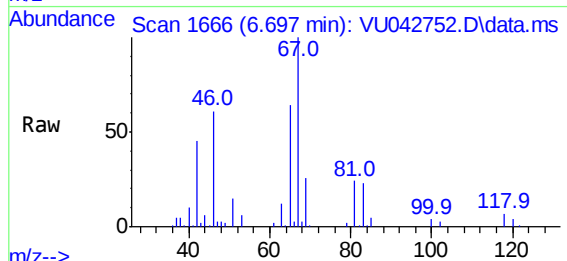




#35
Methylcyclohexane
Concen: 0.65 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU042752.D
Acq: 22 Mar 2021 10:49

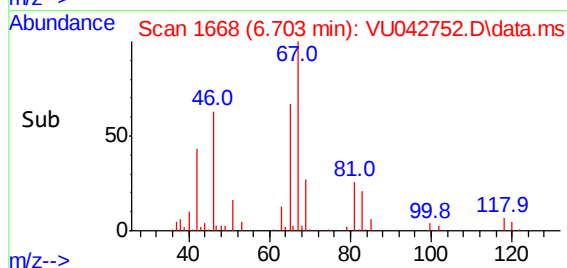
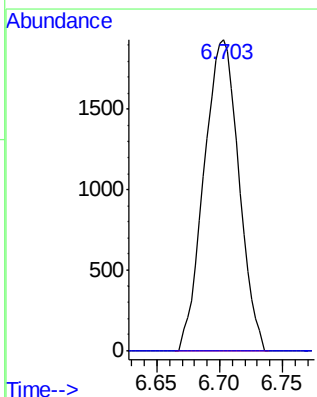
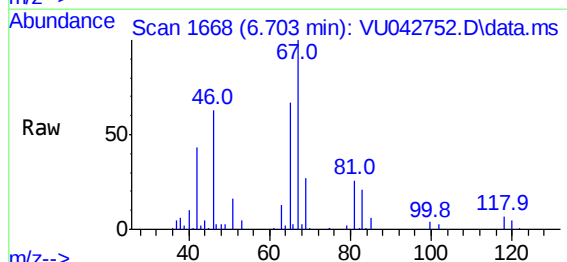
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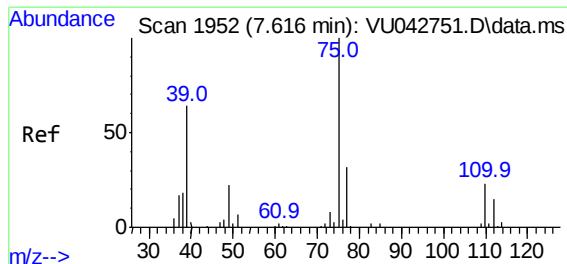
Tgt Ion: 83 Resp: 6509
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.58 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.097 min
Lab File: VU042752.D
Acq: 22 Mar 2021 10:49

Tgt Ion: 63 Resp: 3715
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

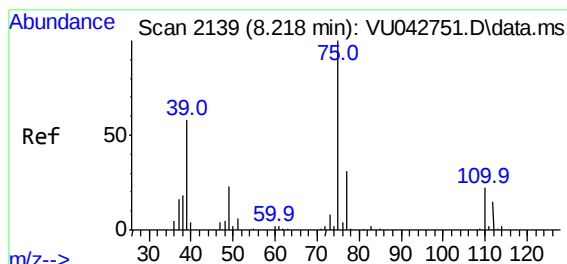
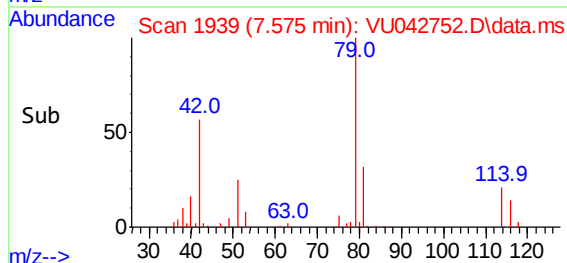
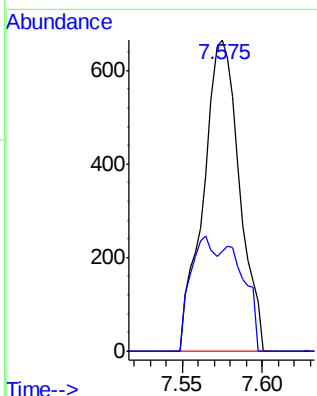
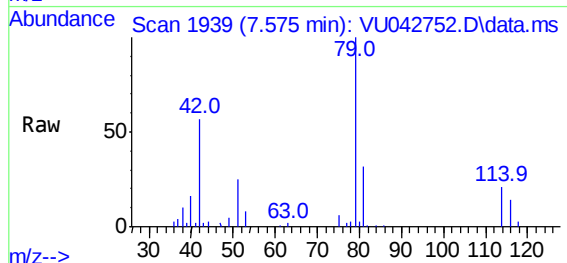




#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042752.D
Acq: 22 Mar 2021 10:49

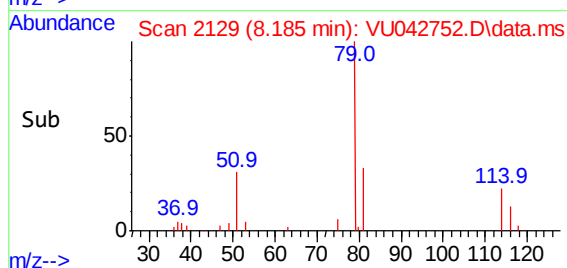
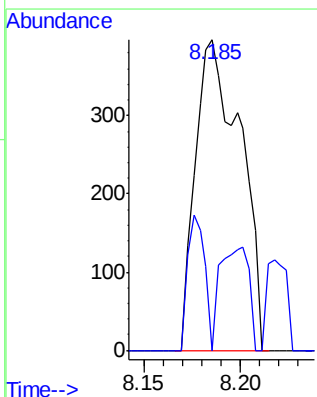
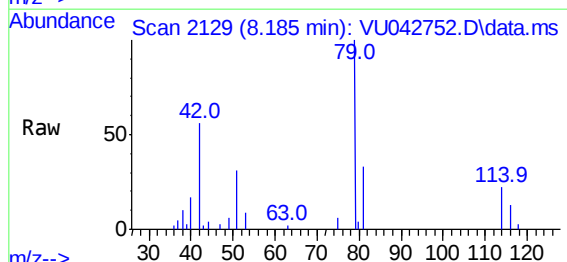
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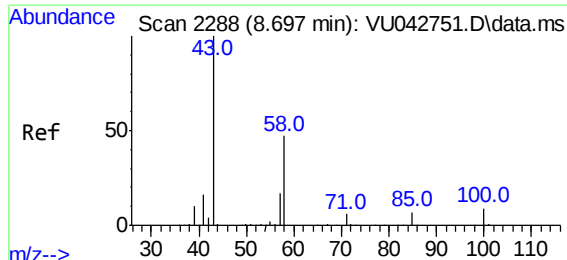
Tgt Ion: 75 Resp: 1019
Ion Ratio Lower Upper
75 100
77 32.2 22.0 40.8



#44
trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.032 min
Lab File: VU042752.D
Acq: 22 Mar 2021 10:49

Tgt Ion: 75 Resp: 645
Ion Ratio Lower Upper
75 100
77 0.0 21.8 40.4#

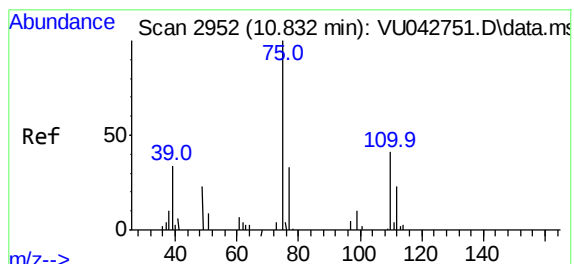
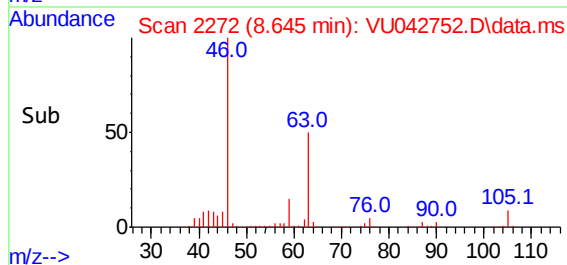
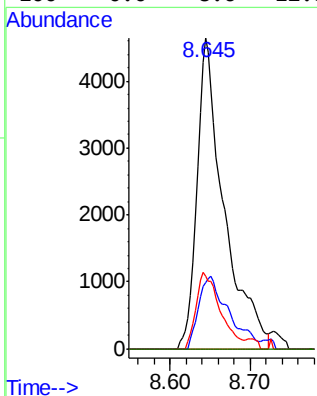
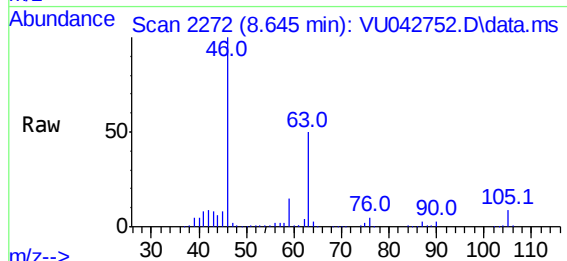




#48
2-Hexanone
Concen: 2.59 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU042752.D
Acq: 22 Mar 2021 10:49

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Tgt Ion: 43 Resp: 10596
Ion Ratio Lower Upper
43 100
58 26.2 40.6 61.0#
57 22.3 14.9 22.3#
100 0.0 8.6 12.8#



#59
1,2,3-Trichloropropane
Concen: 0.99 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042752.D
Acq: 22 Mar 2021 10:49

Tgt Ion: 75 Resp: 4741
Ion Ratio Lower Upper
75 100
77 34.8 26.0 39.0

