

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012221\
 Data File : VU042164.D
 Acq On : 22 Jan 2021 12:57
 Operator : SY/MD
 Sample : M1164-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Jan 23 06:19:51 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 23 06:18:59 2021
 Response via : Initial Calibration

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

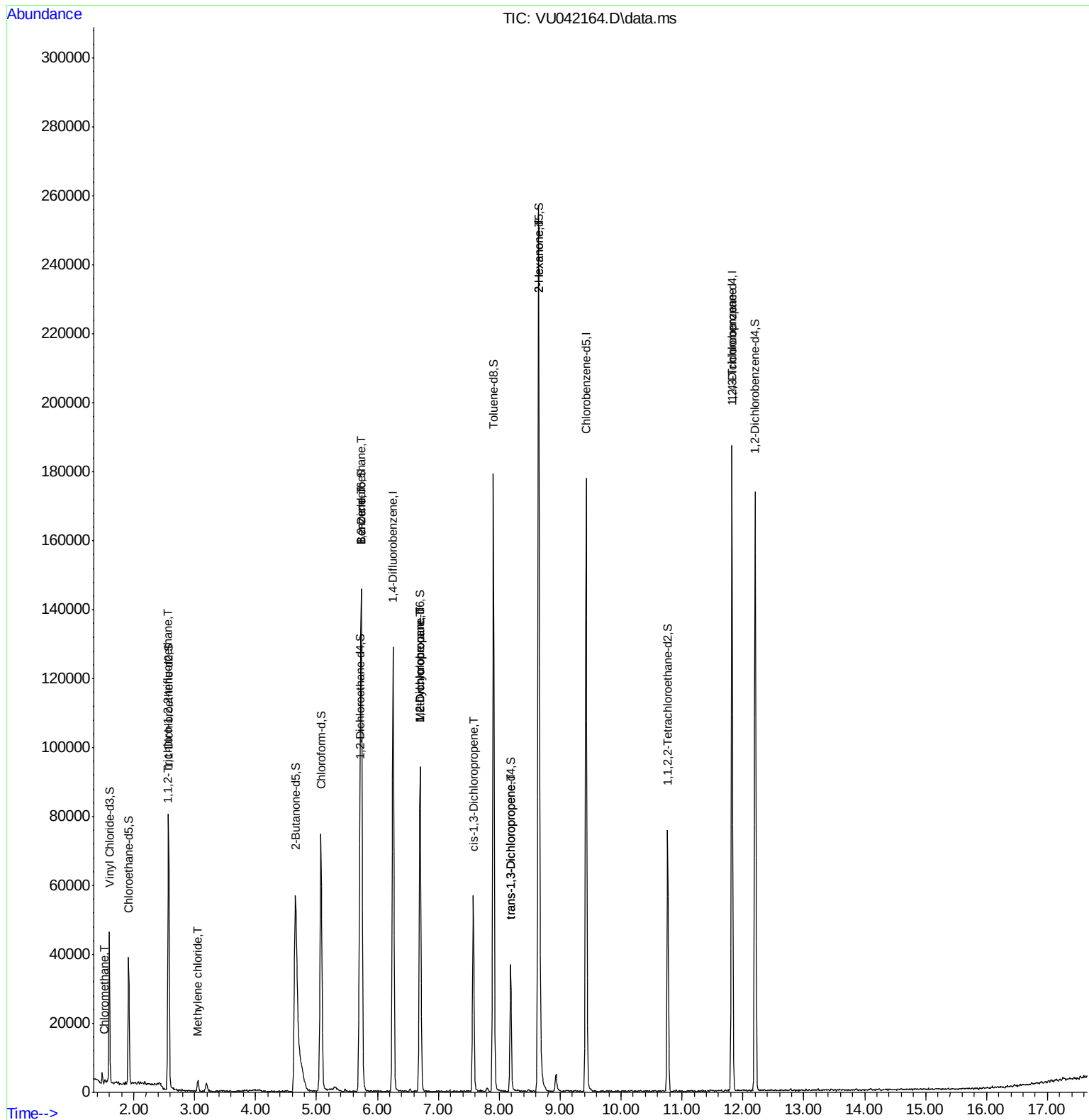
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	101024	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	93875	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	48453	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	27098	4.16	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	83.20%		
7) Chloroethane-d5	1.916	69	24217	4.61	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	92.20%		
11) 1,1-Dichloroethene-d2	2.572	63	48366	3.37	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	67.40%		
20) 2-Butanone-d5	4.655	46	134954	56.75	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	113.50%		
24) Chloroform-d	5.073	84	67477	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	99.20%		
26) 1,2-Dichloroethane-d4	5.713	65	42060	5.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	103.40%		
32) Benzene-d6	5.735	84	123672	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	100.80%		
36) 1,2-Dichloropropane-d6	6.700	67	41200	5.21	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	104.20%		
41) Toluene-d8	7.906	98	111324	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	96.00%		
43) trans-1,3-Dichloroprop...	8.189	79	19451	4.85	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	97.00%		
46) 2-Hexanone-d5	8.645	63	93796	53.75	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	107.50%		
57) 1,1,2,2-Tetrachloroeth...	10.764	84	35314	5.21	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	104.20%		
64) 1,2-Dichlorobenzene-d4	12.205	152	45092	5.18	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	103.60%		
Target Compounds						
3) Chloromethane	1.520	50	487	0.06	ug/L #	81
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	420	0.06	ug/L #	18
16) Methylene chloride	3.054	84	1294	0.16	ug/L	86
27) 1,2-Dichloroethane	5.735	62	750	0.08	ug/L #	75
33) Benzene	5.735	78	905	0.03	ug/L	100
35) Methylcyclohexane	6.700	83	9679	0.77	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	4898	0.67	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	1272	0.11	ug/L #	63
44) trans-1,3-Dichloropropene	8.189	75	780	0.07	ug/L #	76
48) 2-Hexanone	8.645	43	12612	2.92	ug/L #	71
59) 1,2,3-Trichloropropane	11.819	75	5836	1.14	ug/L	99

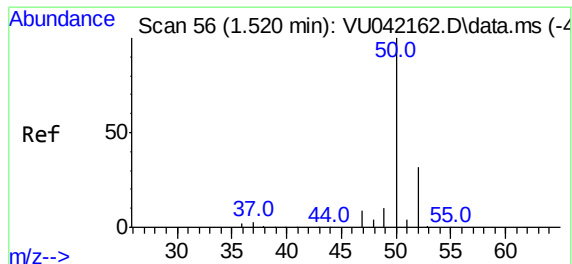
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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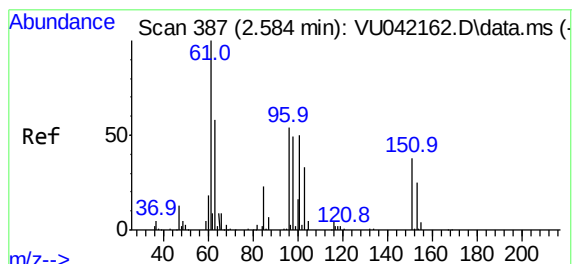
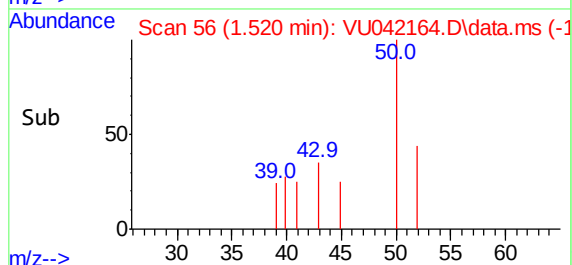
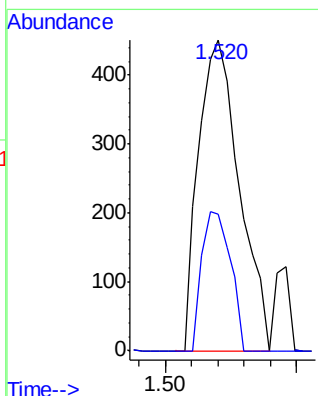
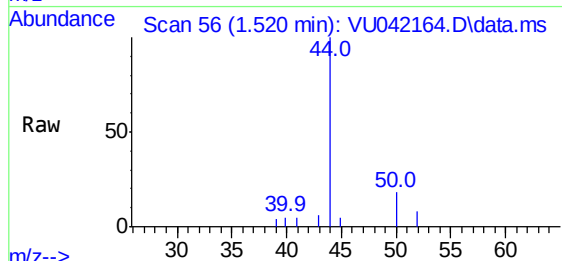




#3
Chloromethane
Concen: 0.06 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU042164.D
Acq: 22 Jan 2021 12:57

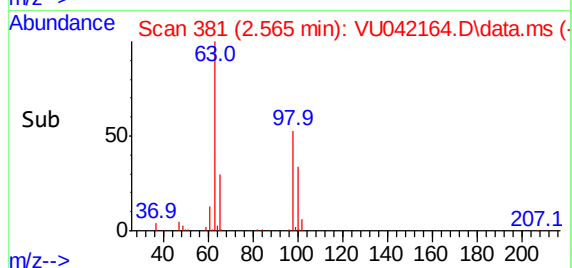
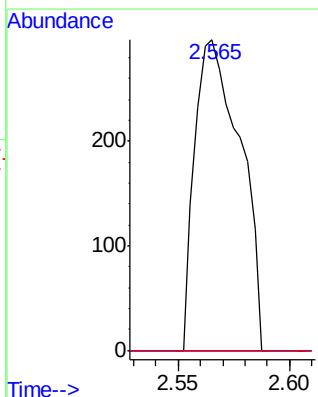
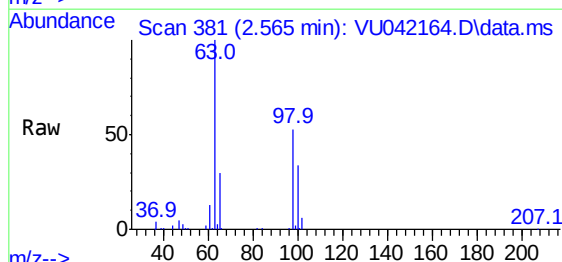
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

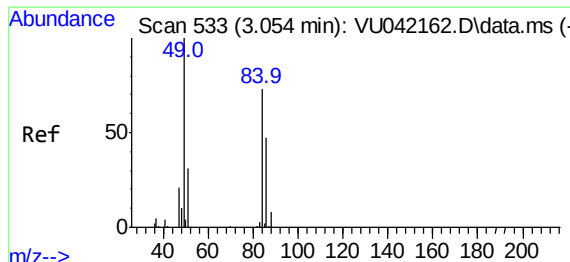
Tgt Ion: 50 Resp: 487
Ion Ratio Lower Upper
50 100
52 43.9 23.0 42.8#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.06 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.019 min
Lab File: VU042164.D
Acq: 22 Jan 2021 12:57

Tgt Ion:101 Resp: 420
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#



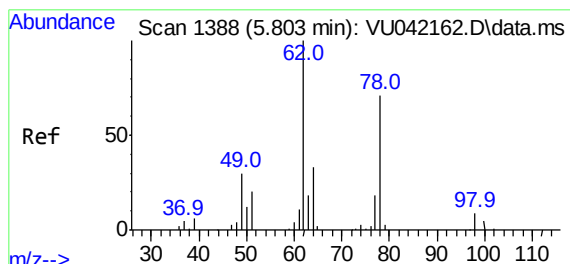
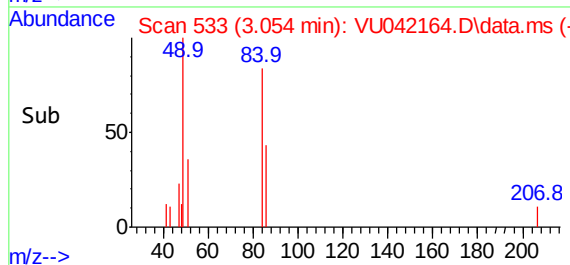
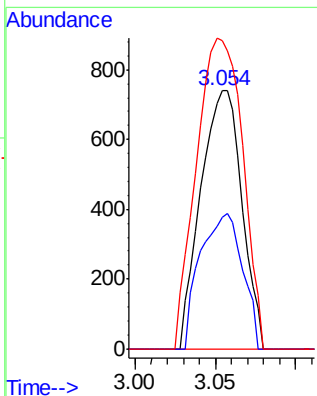
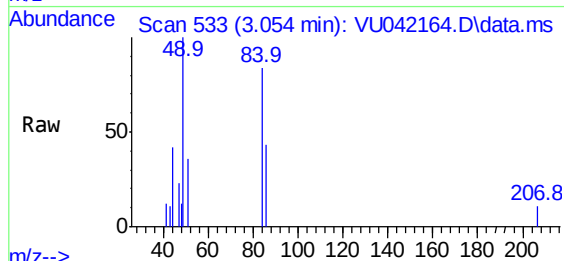


#16
Methylene chloride
Concen: 0.16 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU042164.D
Acq: 22 Jan 2021 12:57

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 84 Resp: 1294

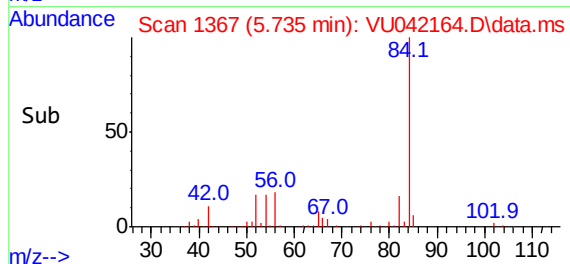
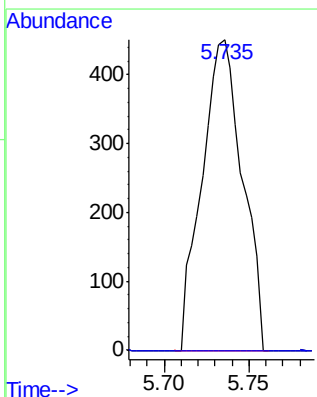
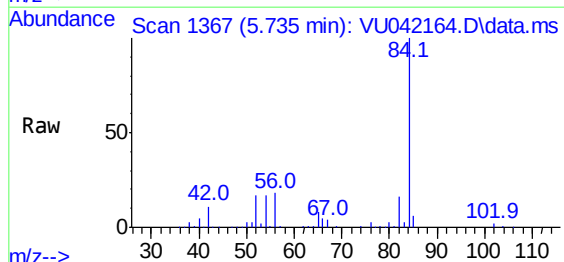
Ion	Ratio	Lower	Upper
84	100		
86	50.8	44.1	81.9
49	119.5	95.0	176.4

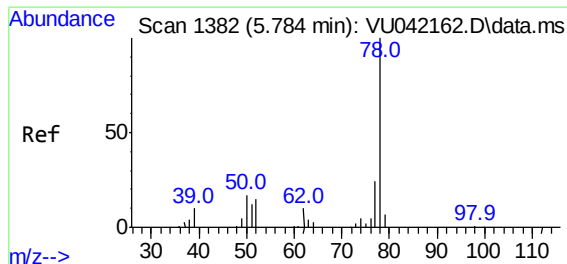


#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.068 min
Lab File: VU042164.D
Acq: 22 Jan 2021 12:57

Tgt Ion: 62 Resp: 750

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.3	10.9#

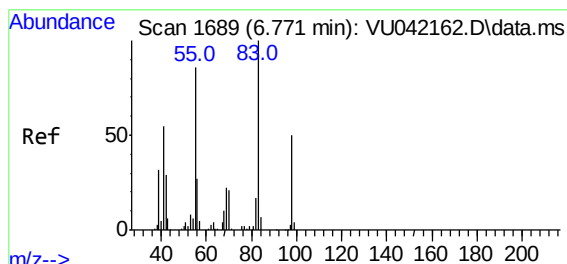
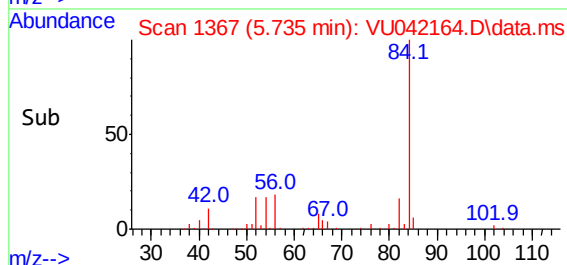
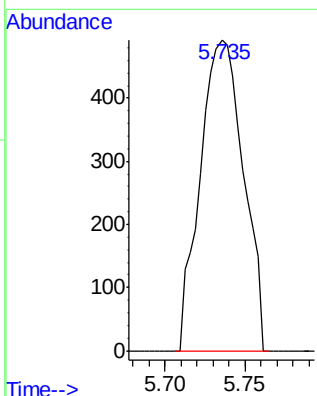
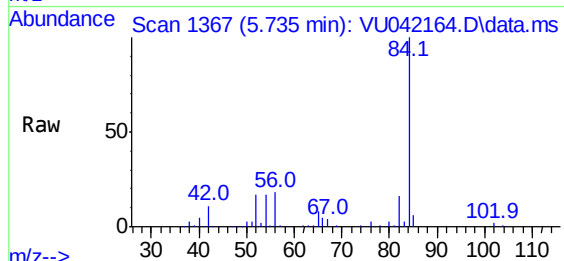




#33
Benzene
Concen: 0.03 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.048 min
Lab File: VU042164.D
Acq: 22 Jan 2021 12:57

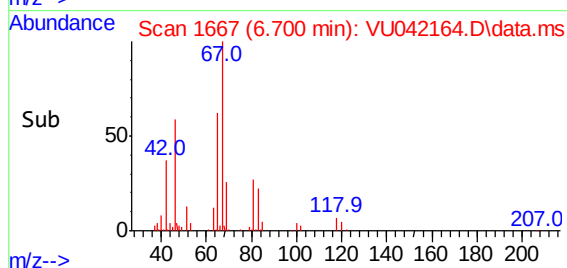
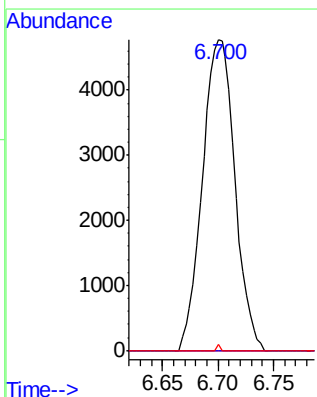
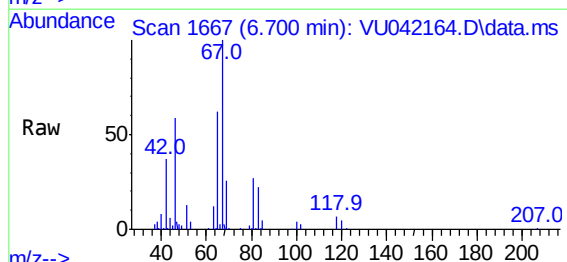
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

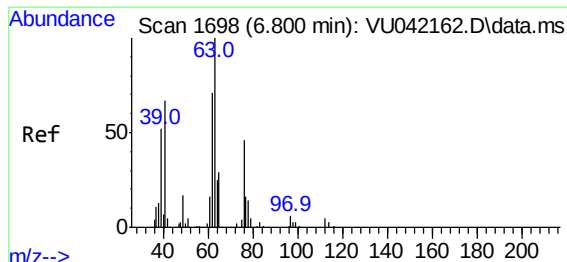
Tgt Ion: 78 Resp: 905



#35
Methylcyclohexane
Concen: 0.77 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042164.D
Acq: 22 Jan 2021 12:57

Tgt Ion: 83 Resp: 9679
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.2 39.7 59.5#

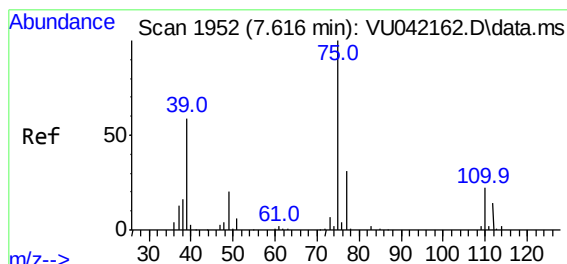
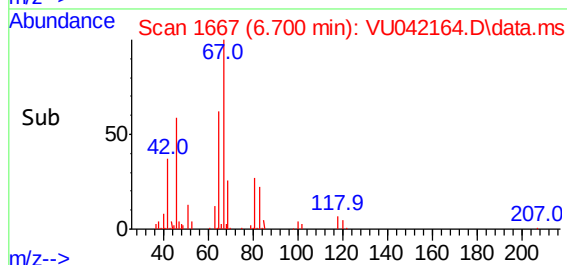
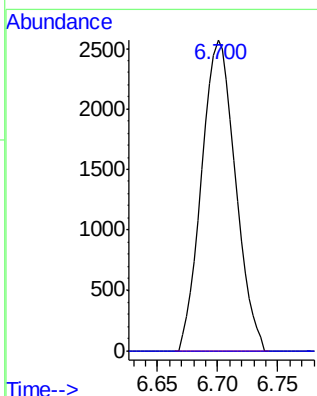
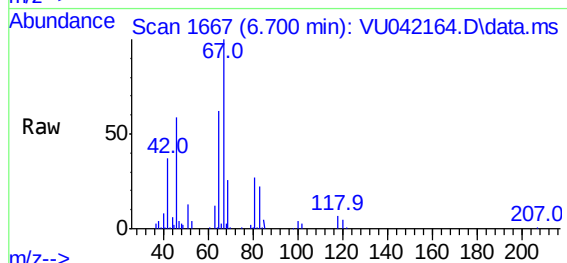




#37
1,2-Dichloropropane
Concen: 0.67 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042164.D
Acq: 22 Jan 2021 12:57

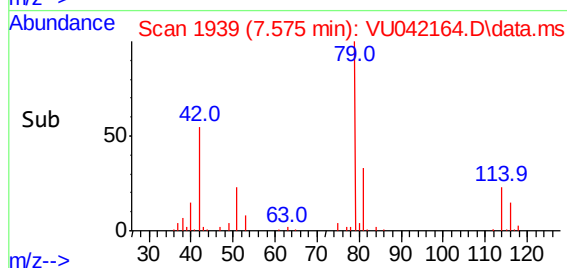
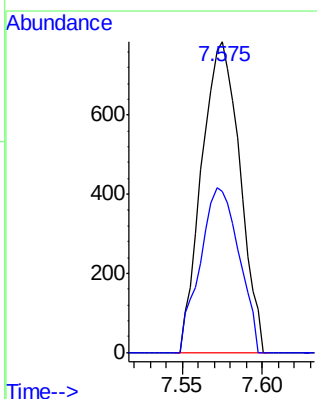
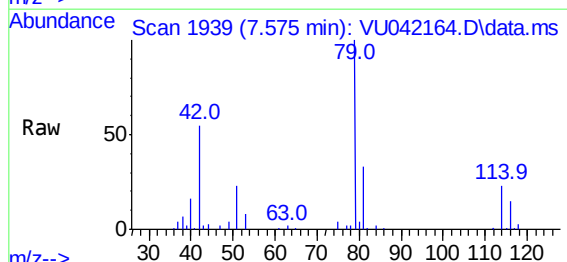
Instrument :
MSVOA_U
ClientSampleId :
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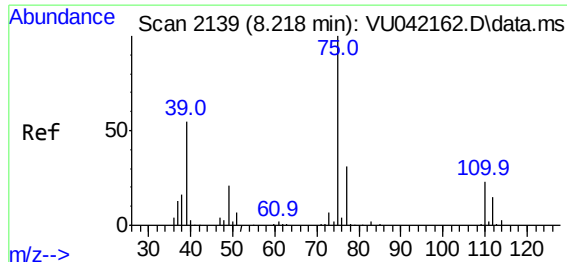
Tgt Ion: 63 Resp: 4898
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042164.D
Acq: 22 Jan 2021 12:57

Tgt Ion: 75 Resp: 1272
Ion Ratio Lower Upper
75 100
77 51.8 22.0 40.8#



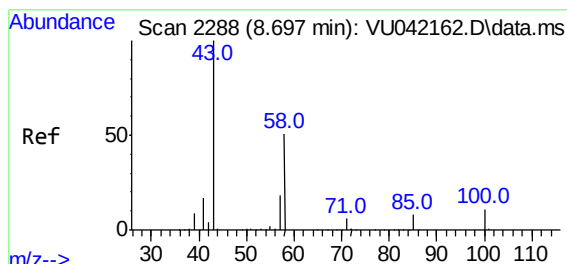
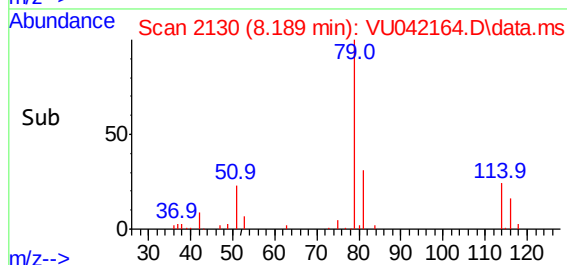
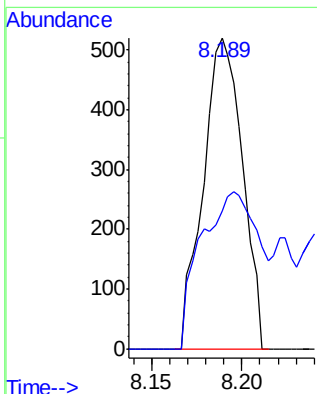
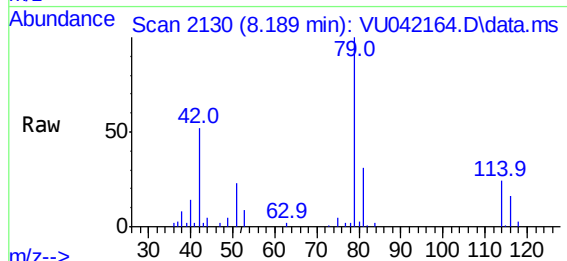


#44

trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042164.D
Acq: 22 Jan 2021 12:57

Instrument :
MSVOA_U
ClientSampled :
VHBLK01

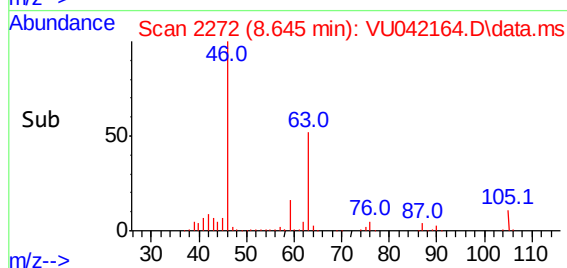
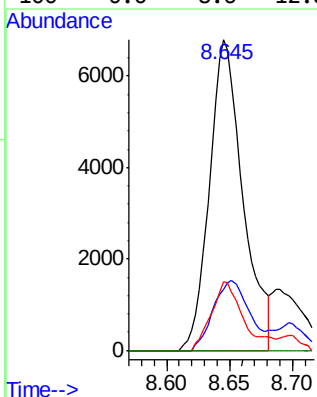
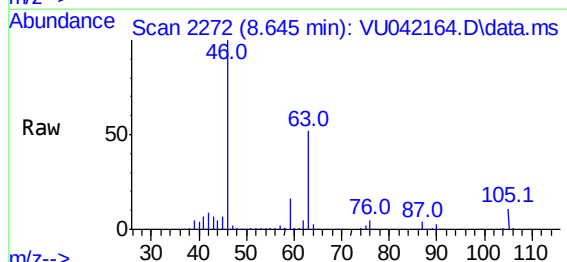
Tgt Ion: 75 Resp: 780
Ion Ratio Lower Upper
75 100
77 44.4 21.8 40.4#

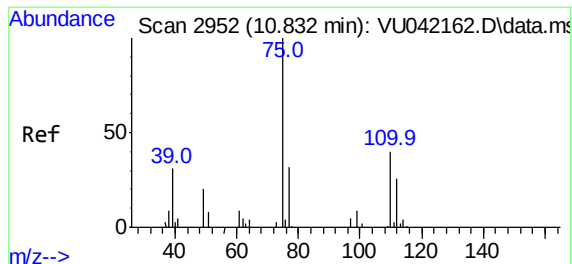


#48

2-Hexanone
Concen: 2.92 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU042164.D
Acq: 22 Jan 2021 12:57

Tgt Ion: 43 Resp: 12612
Ion Ratio Lower Upper
43 100
58 24.0 40.6 61.0#
57 19.8 14.9 22.3
100 0.0 8.6 12.8#





#59
 1,2,3-Trichloropropane
 Concen: 1.14 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU042164.D
 Acq: 22 Jan 2021 12:57

Instrument :
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 ClientSampleId :
 VHBLK01

Tgt Ion: 75 Resp: 5836
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.0 39.0

