

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020321\
 Data File : VU042233.D
 Acq On : 03 Feb 2021 15:02
 Operator : SY/MD
 Sample : M1298-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0A43

Quant Time: Feb 04 04:22:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 04 04:20:04 2021
 Response via : Initial Calibration

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

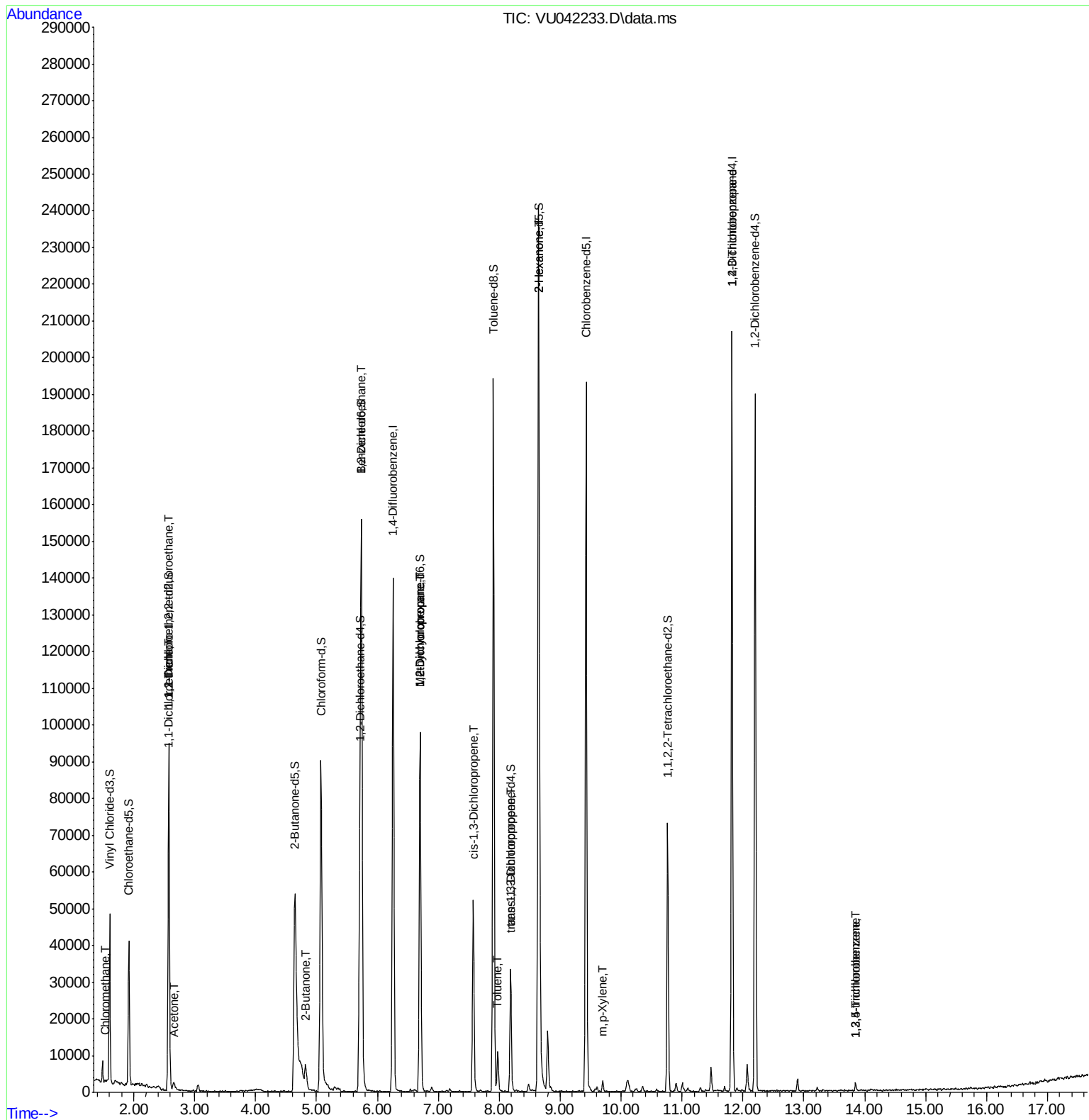
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	110169	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	101893	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	54834	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	31227	4.39	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	87.80%		
7) Chloroethane-d5	1.919	69	27197	4.75	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	95.00%		
11) 1,1-Dichloroethene-d2	2.575	63	58724	3.75	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	75.00%		
20) 2-Butanone-d5	4.645	46	129465	49.93	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	99.86%		
24) Chloroform-d	5.073	84	69404	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	93.60%		
26) 1,2-Dichloroethane-d4	5.713	65	43260	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	97.40%		
32) Benzene-d6	5.735	84	133388	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	100.20%		
36) 1,2-Dichloropropane-d6	6.700	67	43776	5.10	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	102.00%		
41) Toluene-d8	7.906	98	121575	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	96.60%		
43) trans-1,3-Dichloroprop...	8.185	79	18397	4.23	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	84.60%		
46) 2-Hexanone-d5	8.645	63	94734	50.02	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	100.04%		
57) 1,1,2,2-Tetrachloroeth...	10.764	84	34695	4.71	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	94.20%		
64) 1,2-Dichlorobenzene-d4	12.201	152	48699	4.94	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	98.80%		
Target Compounds						Qvalue
3) Chloromethane	1.527	50	597	0.06	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	541	0.07	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	507	0.07	ug/L #	1
13) Acetone	2.658	43	4400	2.55	ug/L	79
21) 2-Butanone	4.822	43	9287	3.21	ug/L #	52
27) 1,2-Dichloroethane	5.735	62	936	0.09	ug/L #	75
35) Methylcyclohexane	6.700	83	10182	0.75	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	5107	0.65	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1231	0.09	ug/L #	56
42) Toluene	7.973	91	7466	0.23	ug/L	90
44) trans-1,3-Dichloropropene	8.192	75	908	0.08	ug/L #	47
48) 2-Hexanone	8.645	43	13645	2.91	ug/L #	66
53) m,p-Xylene	9.697	106	932	0.07	ug/L	69
59) 1,2,3-Trichloropropane	11.819	75	6074	1.09	ug/L	91
67) 1,3,5-Trichlorobenzene	13.848	180	815	0.06	ug/L #	90
68) 1,2,4-trichlorobenzene	13.848	180	815	0.08	ug/L #	89

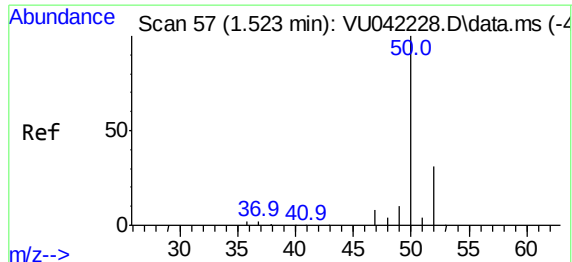
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.06 ug/L

RT: 1.527 min Scan# 58

Delta R.T. 0.003 min

Lab File: VU042233.D

Acq: 03 Feb 2021 15:02

Instrument :

MSVOA_U

ClientSampled :

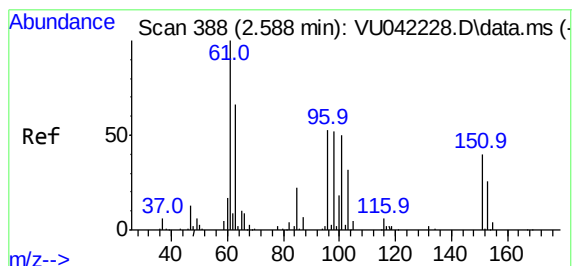
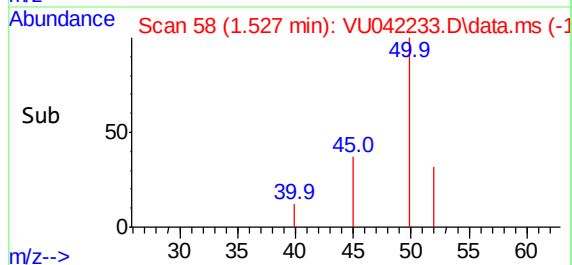
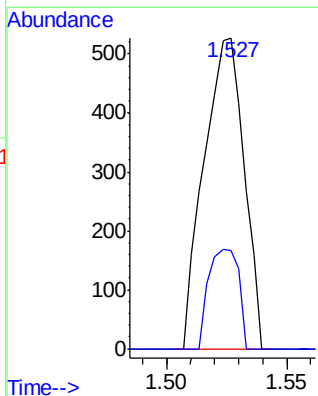
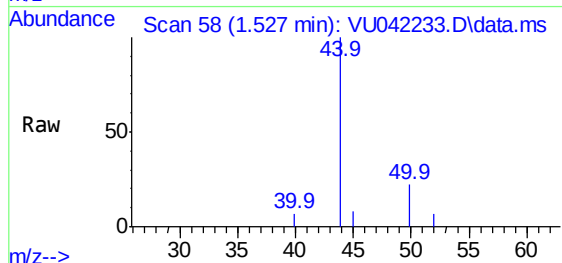
C0A43

Tgt Ion: 50 Resp: 597

Ion Ratio Lower Upper

50 100

52 31.7 23.0 42.8



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.07 ug/L

RT: 2.571 min Scan# 383

Delta R.T. -0.016 min

Lab File: VU042233.D

Acq: 03 Feb 2021 15:02

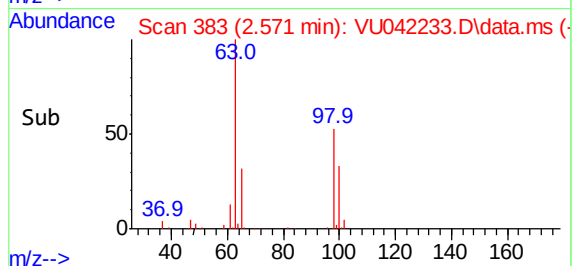
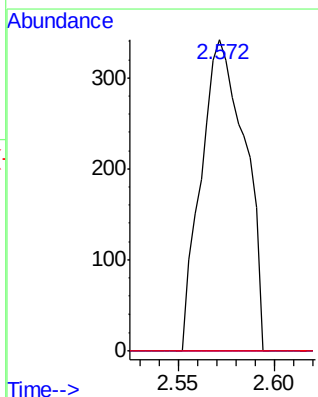
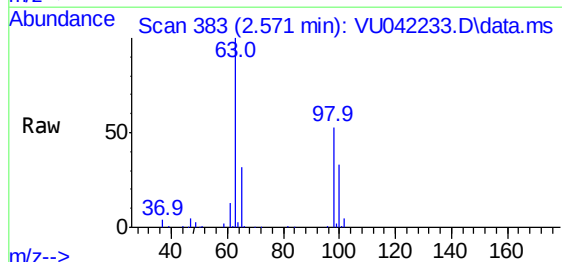
Tgt Ion: 101 Resp: 541

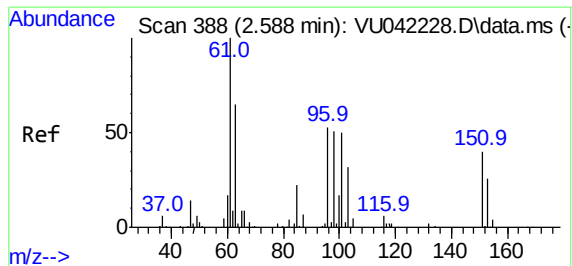
Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

151 0.0 62.7 94.1#

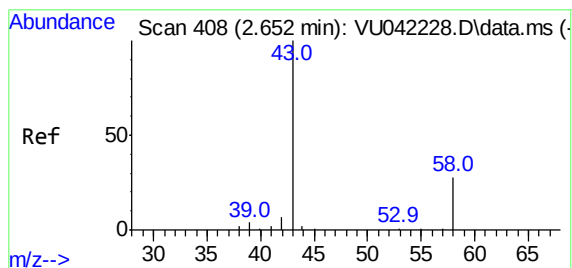
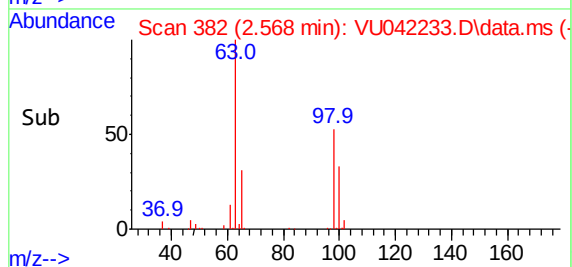
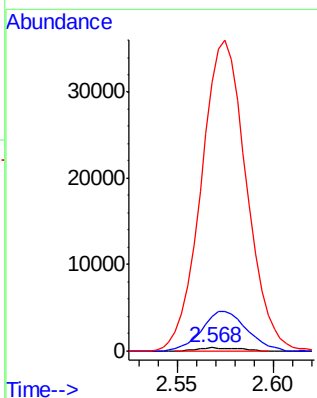
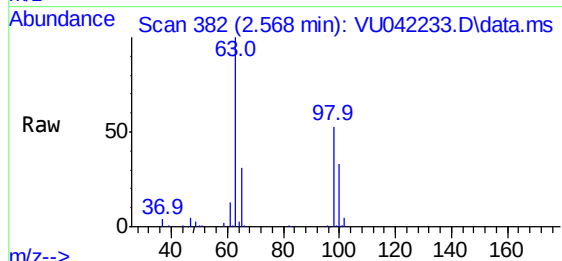




#12
1,1-Dichloroethene
Concen: 0.07 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.019 min
Lab File: VU042233.D
Acq: 03 Feb 2021 15:02

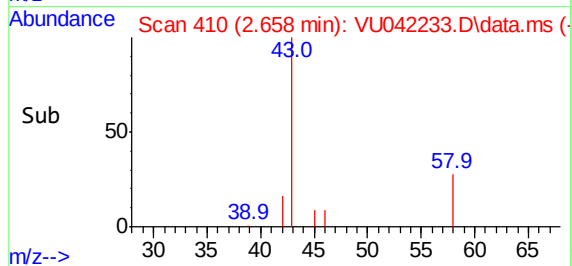
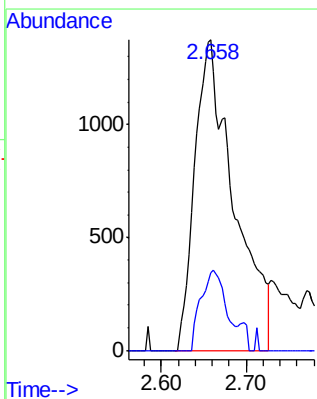
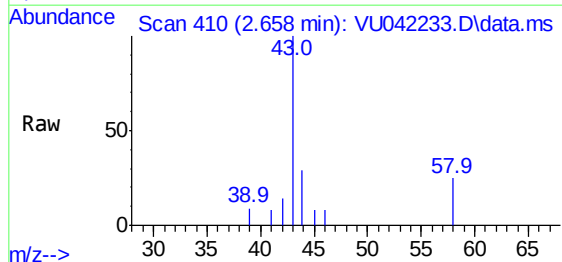
Instrument :
MSVOA_U
ClientSampleId :
C0A43

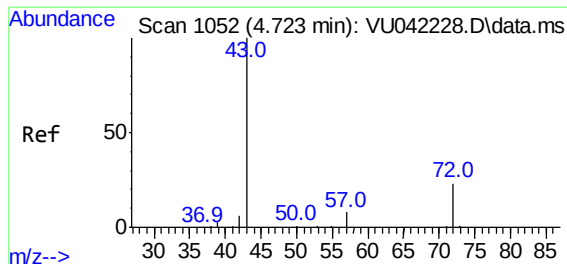
Tgt Ion: 96 Resp: 507
Ion Ratio Lower Upper
96 100
61 1066.2 126.2 234.4#
63 8343.2 77.8 144.4#



#13
Acetone
Concen: 2.55 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.006 min
Lab File: VU042233.D
Acq: 03 Feb 2021 15:02

Tgt Ion: 43 Resp: 4400
Ion Ratio Lower Upper
43 100
58 16.6 0.0 55.8

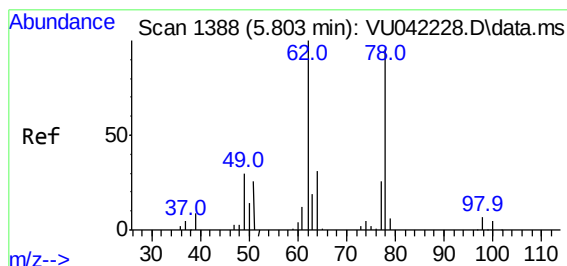
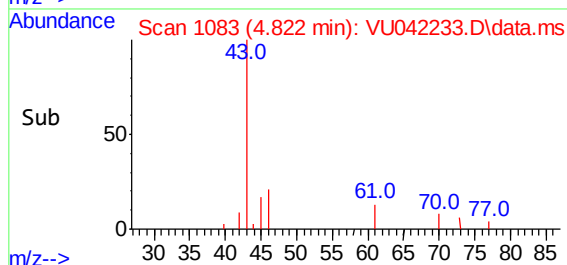
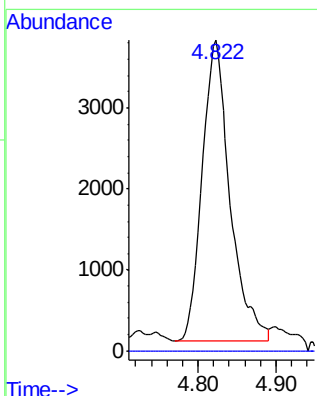
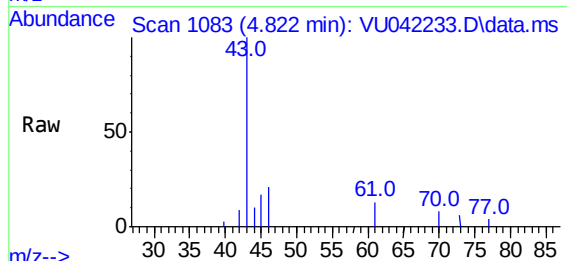




#21
2-Butanone
Concen: 3.21 ug/L
RT: 4.822 min Scan# 1083
Delta R.T. 0.100 min
Lab File: VU042233.D
Acq: 03 Feb 2021 15:02

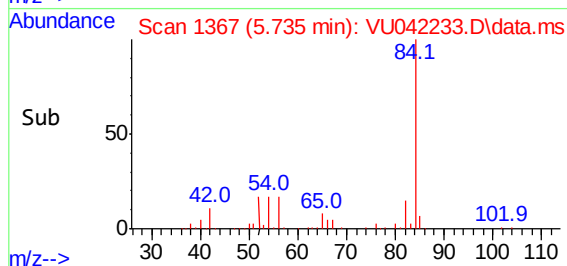
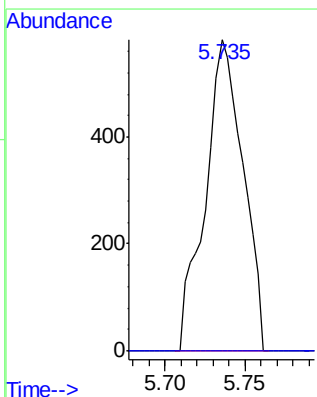
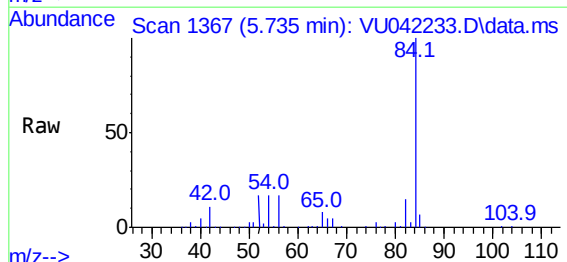
Instrument :
MSVOA_U
ClientSampled :
C0A43

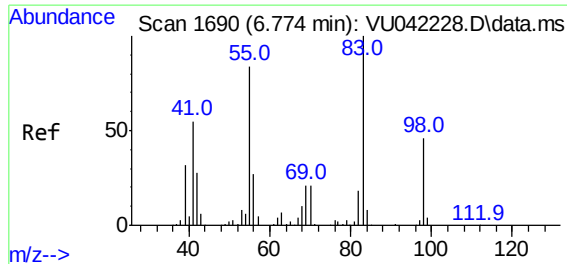
Tgt Ion: 43 Resp: 9287
Ion Ratio Lower Upper
43 100
72 0.0 11.7 35.1#



#27
1,2-Dichloroethane
Concen: 0.09 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.068 min
Lab File: VU042233.D
Acq: 03 Feb 2021 15:02

Tgt Ion: 62 Resp: 936
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

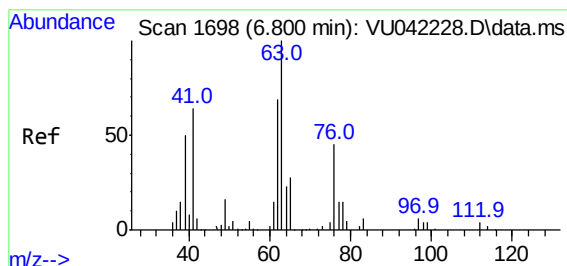
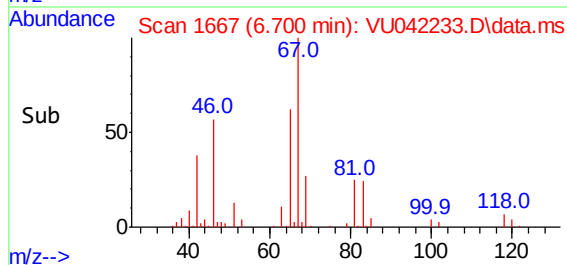
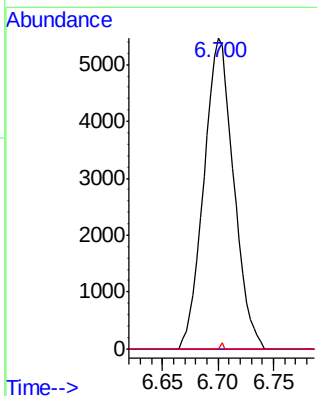
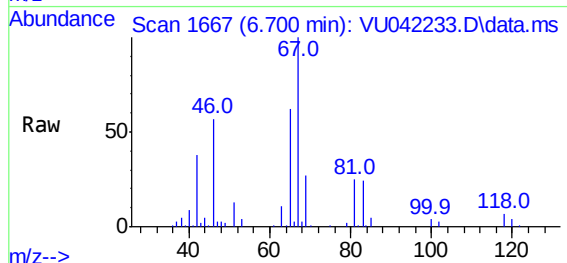




#35
Methylcyclohexane
Concen: 0.75 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042233.D
Acq: 03 Feb 2021 15:02

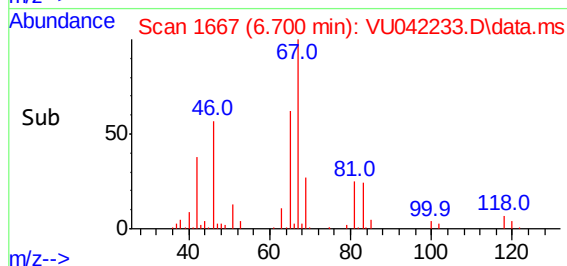
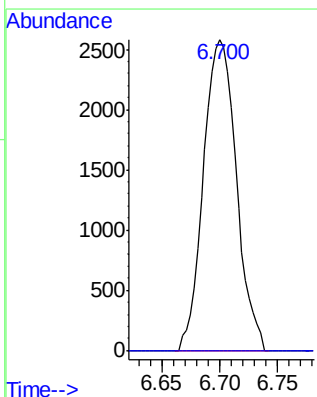
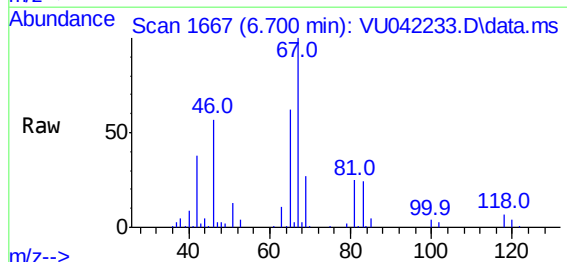
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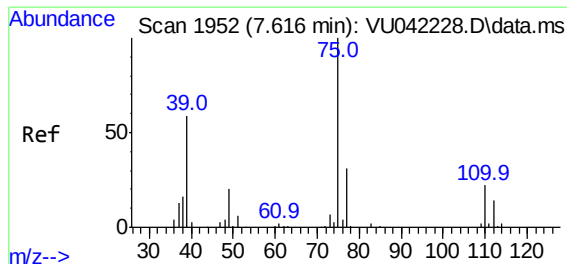
Tgt Ion: 83 Resp: 10182
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.2 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.65 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042233.D
Acq: 03 Feb 2021 15:02

Tgt Ion: 63 Resp: 5107
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

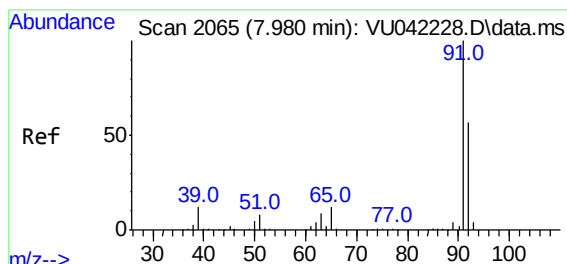
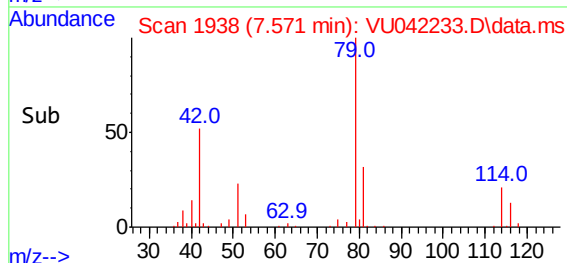
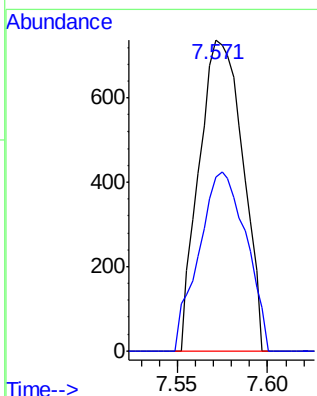
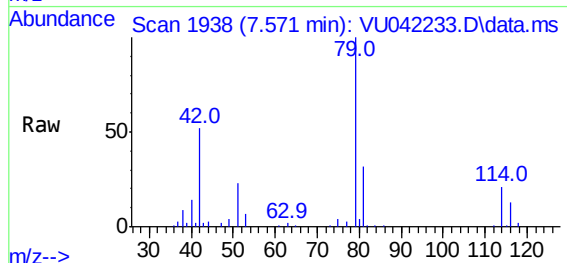




#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042233.D
Acq: 03 Feb 2021 15:02

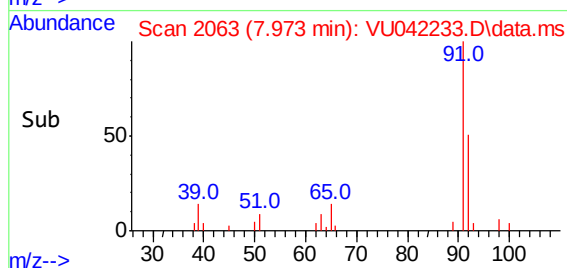
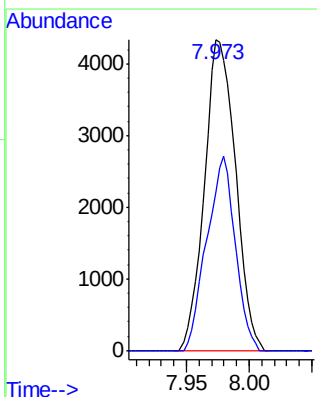
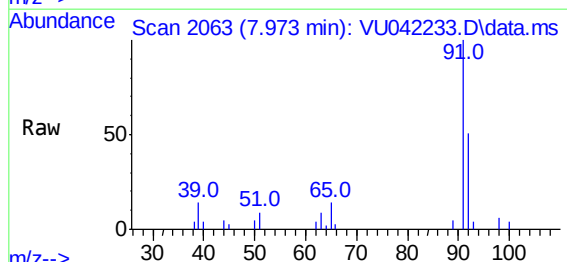
Instrument :
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ClientSampleId :
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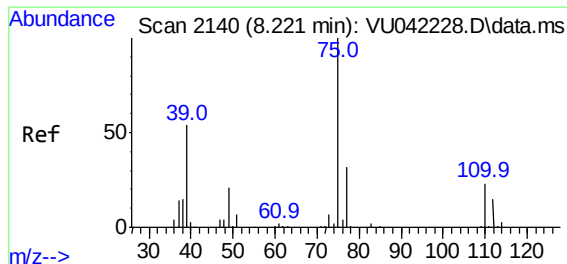
Tgt Ion: 75 Resp: 1231
Ion Ratio Lower Upper
75 100
77 55.9 22.0 40.8#



#42
Toluene
Concen: 0.23 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.006 min
Lab File: VU042233.D
Acq: 03 Feb 2021 15:02

Tgt Ion: 91 Resp: 7466
Ion Ratio Lower Upper
91 100
92 51.2 41.2 76.6



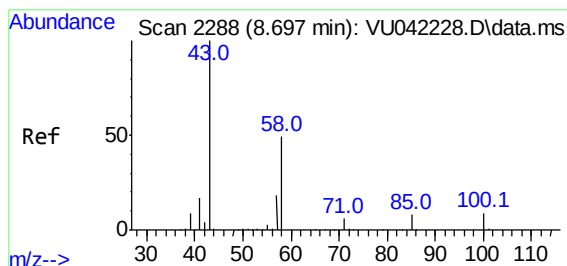
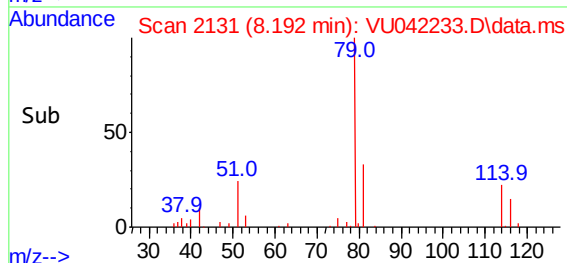
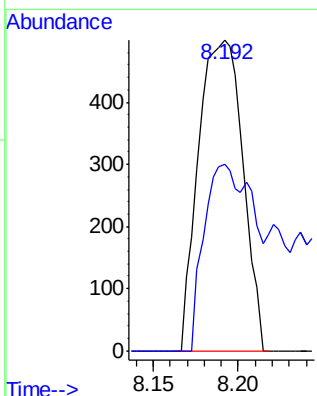
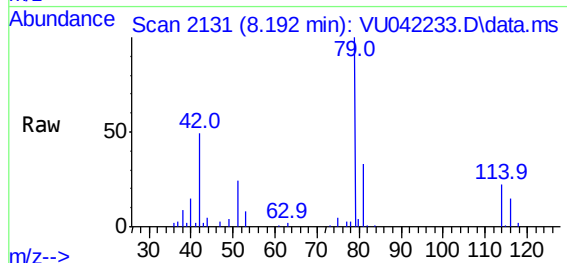


#44

trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 8.192 min Scan# 2131
Delta R.T. -0.029 min
Lab File: VU042233.D
Acq: 03 Feb 2021 15:02

Instrument :
MSVOA_U
ClientSampled :
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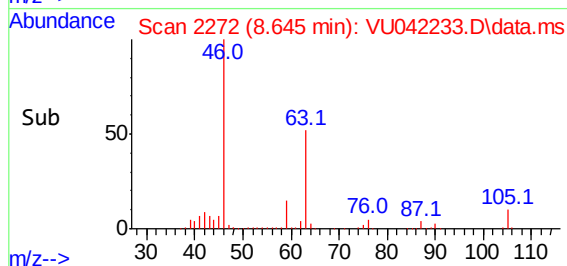
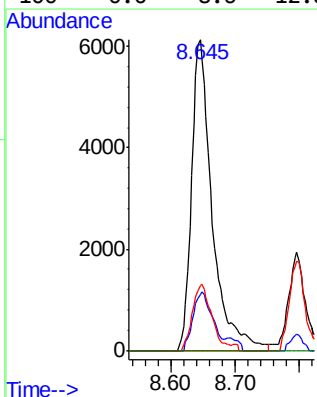
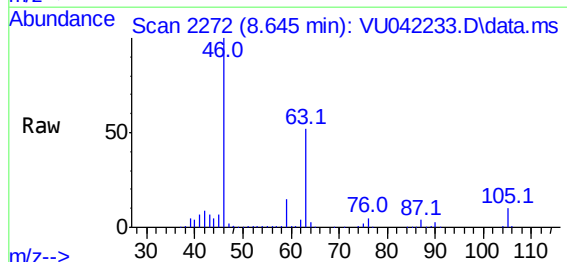
Tgt Ion: 75 Resp: 908
Ion Ratio Lower Upper
75 100
77 60.2 21.8 40.4#

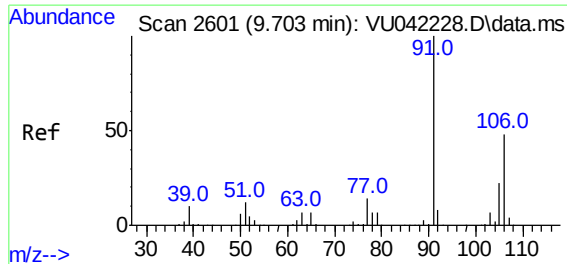


#48

2-Hexanone
Concen: 2.91 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU042233.D
Acq: 03 Feb 2021 15:02

Tgt Ion: 43 Resp: 13645
Ion Ratio Lower Upper
43 100
58 17.9 40.6 61.0#
57 19.8 14.9 22.3
100 0.0 8.6 12.8#

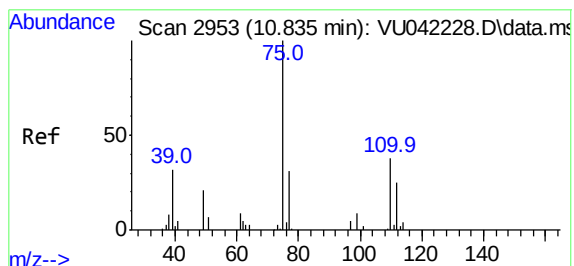
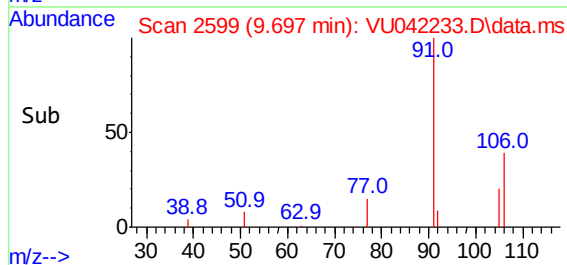
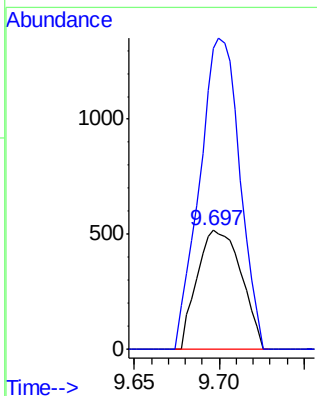
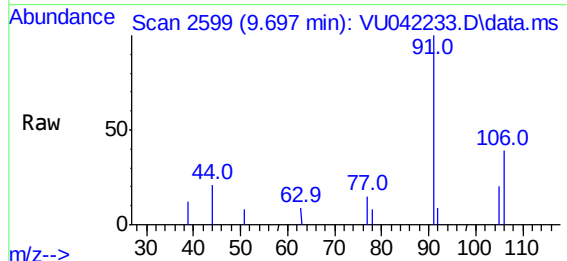




#53
m,p-Xylene
Concen: 0.07 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.006 min
Lab File: VU042233.D
Acq: 03 Feb 2021 15:02

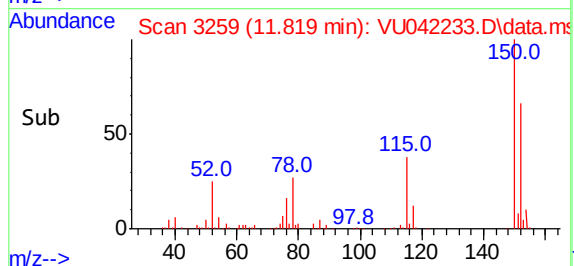
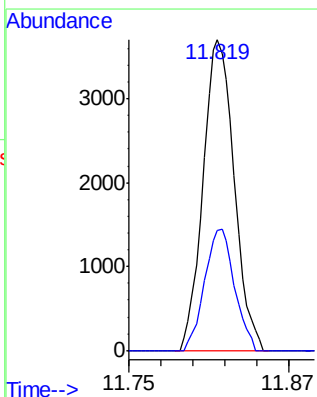
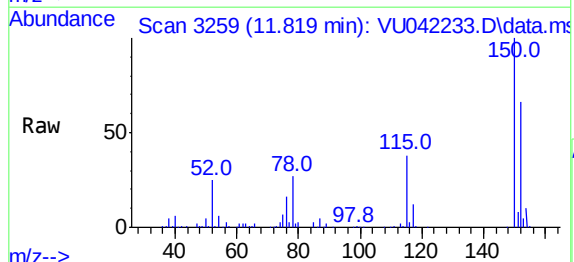
Instrument :
MSVOA_U
ClientSampled :
C0A43

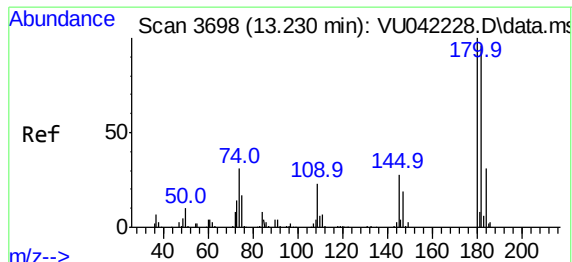
Tgt Ion:106 Resp: 932
Ion Ratio Lower Upper
106 100
91 254.6 145.1 269.5



#59
1,2,3-Trichloropropane
Concen: 1.09 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.984 min
Lab File: VU042233.D
Acq: 03 Feb 2021 15:02

Tgt Ion: 75 Resp: 6074
Ion Ratio Lower Upper
75 100
77 37.4 26.0 39.0

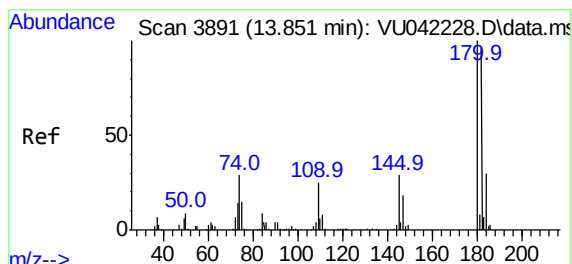
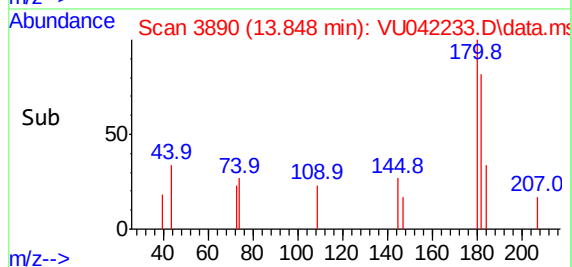
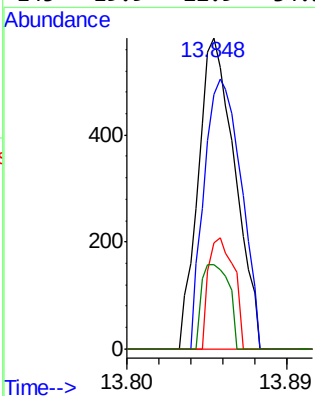
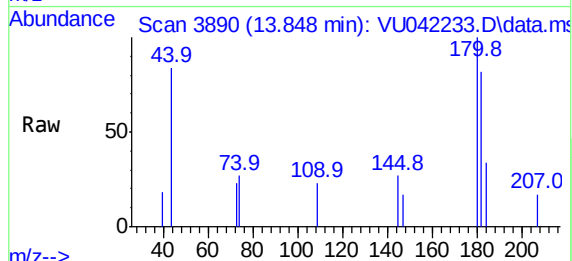




#67
1,3,5-Trichlorobenzene
Concen: 0.06 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.617 min
Lab File: VU042233.D
Acq: 03 Feb 2021 15:02

Instrument :
MSVOA_U
ClientSampleId :
C0A43

Tgt Ion:180 Resp: 815
Ion Ratio Lower Upper
180 100
182 87.4 76.4 114.6
184 24.4 23.9 35.9
145 19.9 22.9 34.3#



#68
1,2,4-trichlorobenzene
Concen: 0.08 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. -0.003 min
Lab File: VU042233.D
Acq: 03 Feb 2021 15:02

Tgt Ion:180 Resp: 815
Ion Ratio Lower Upper
180 100
182 87.4 76.3 114.5
145 19.9 23.7 35.5#

