

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031221\
 Data File : VU042576.D
 Acq On : 11 Mar 2021 20:19
 Operator : SY/MD
 Sample : M1631-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B54

Quant Time: Mar 12 01:35:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 12 01:30:46 2021
 Response via : Initial Calibration

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

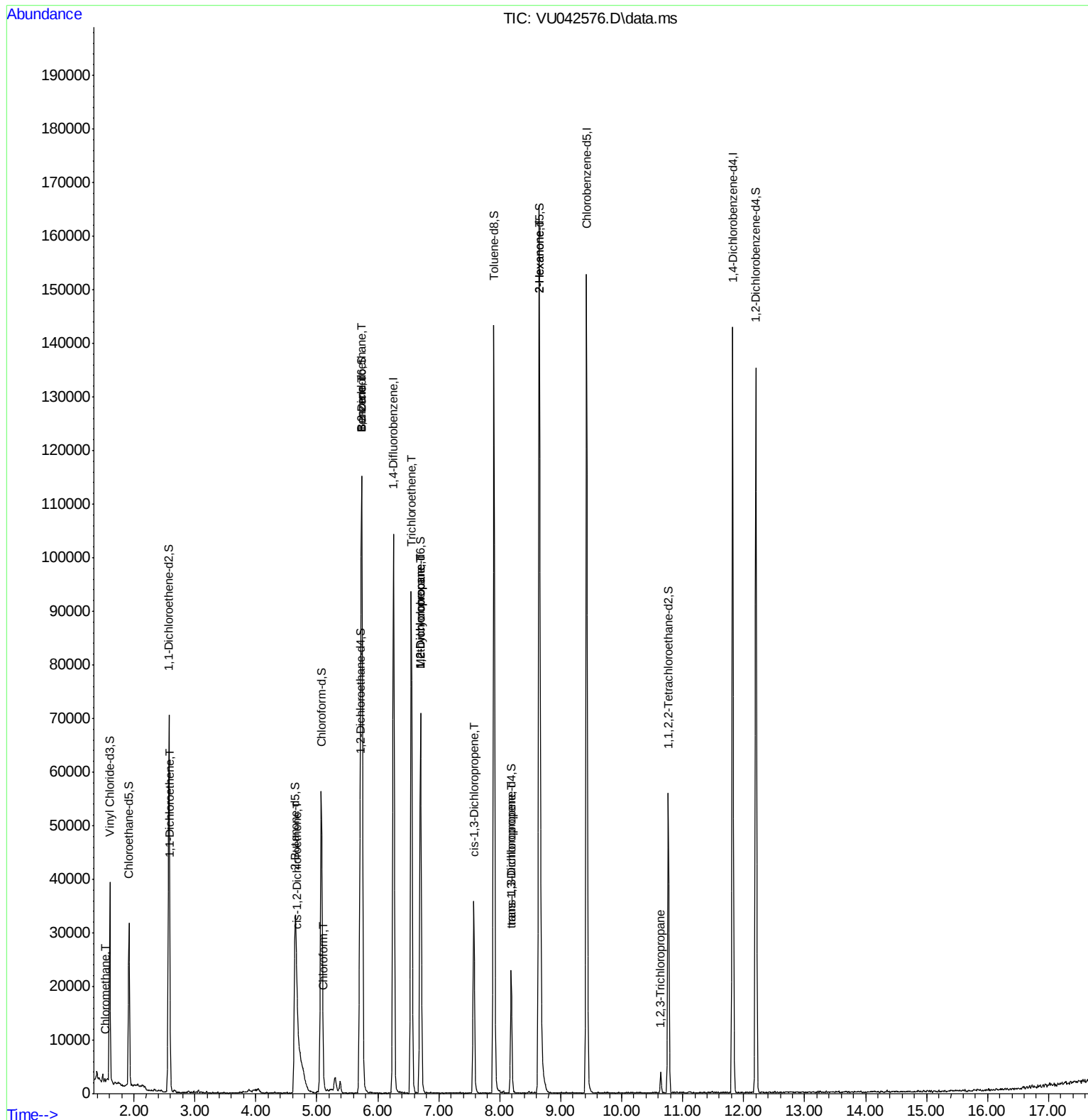
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	80611	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	79624	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	35316	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	25257	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.919	69	20665	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	2.575	63	42750	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	4.649	46	73992	41.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.86%
24) Chloroform-d	5.073	84	49922	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.710	65	34949	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	5.735	84	94722	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.700	67	30371	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.906	98	89842	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloroprop...	8.189	79	11888	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.645	63	60961	43.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.54%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	25012	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	33424	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%
Target Compounds						
3) Chloromethane	1.523	50	353	0.05	ug/L	93
12) 1,1-Dichloroethene	2.588	96	1847	0.33	ug/L #	1
22) cis-1,2-Dichloroethene	4.671	96	631	0.10	ug/L	80
25) Chloroform	5.102	83	1622	0.13	ug/L	83
27) 1,2-Dichloroethane	5.735	62	489	0.05	ug/L #	75
33) Benzene	5.732	78	827	0.03	ug/L	100
34) Trichloroethene	6.549	95	29868	4.32	ug/L	99
35) Methylcyclohexane	6.700	83	7261	0.69	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	3644	0.54	ug/L #	87
39) cis-1,3-Dichloropropene	7.574	75	979	0.10	ug/L #	77
44) trans-1,3-Dichloropropene	8.185	75	647	0.07	ug/L #	70
48) 2-Hexanone	8.645	43	9971	2.30	ug/L #	71
59) 1,2,3-Trichloropropane	10.639	75	746	0.15	ug/L #	42

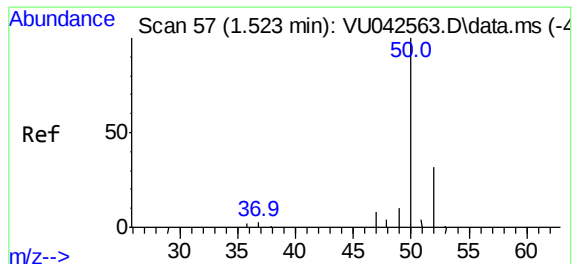
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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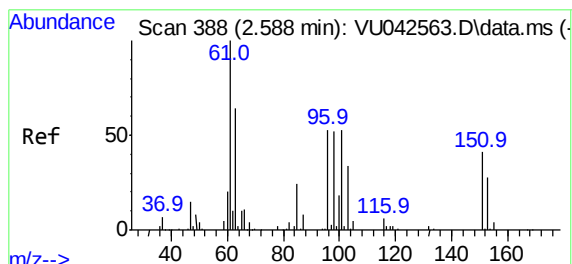
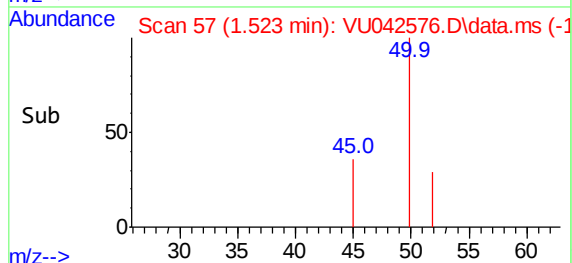
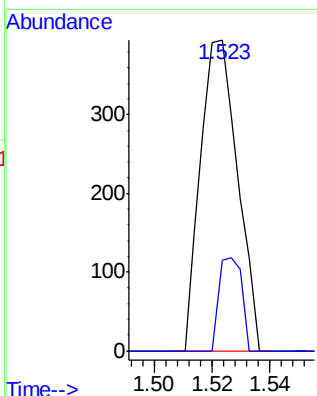
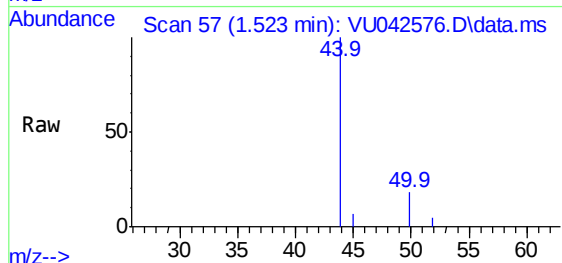




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042576.D
Acq: 11 Mar 2021 20:19

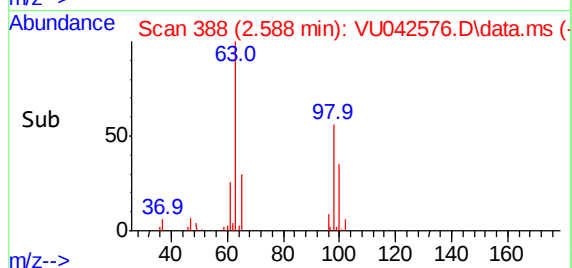
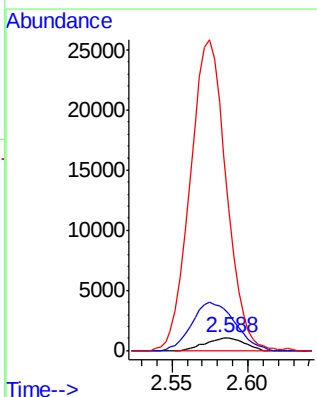
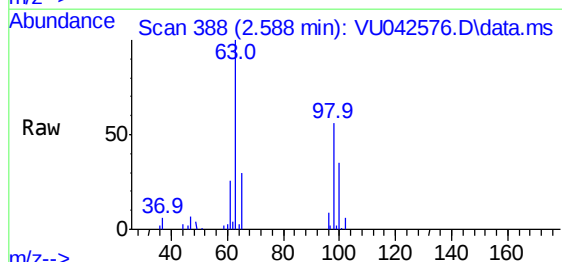
Instrument :
MSVOA_U
ClientSampleId :
C0B54

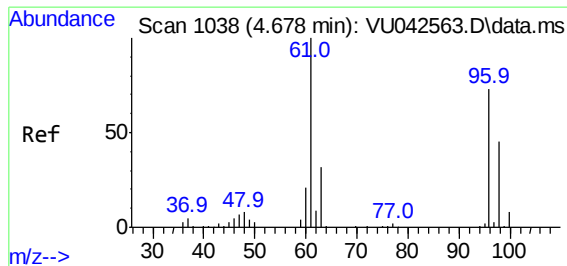
Tgt Ion: 50 Resp: 353
Ion Ratio Lower Upper
50 100
52 29.1 23.0 42.8



#12
1,1-Dichloroethene
Concen: 0.33 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU042576.D
Acq: 11 Mar 2021 20:19

Tgt Ion: 96 Resp: 1847
Ion Ratio Lower Upper
96 100
61 284.7 126.2 234.4#
63 1096.4 77.8 144.4#



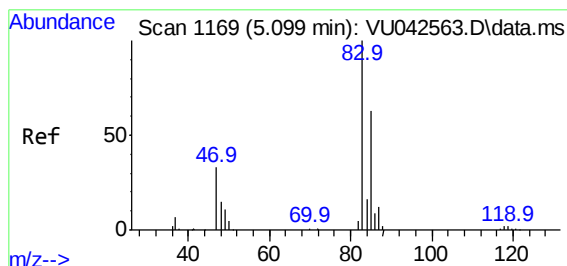
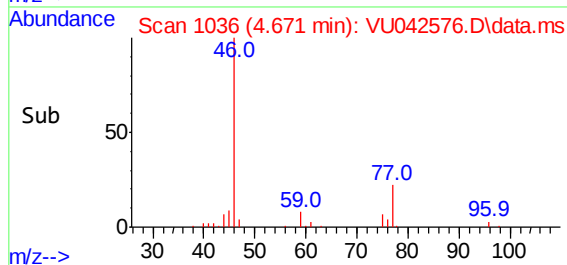
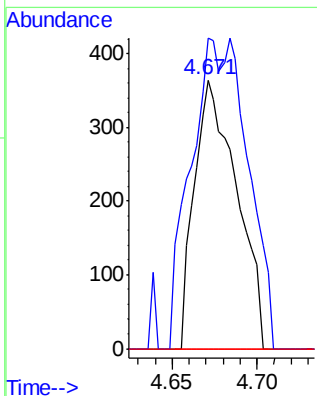
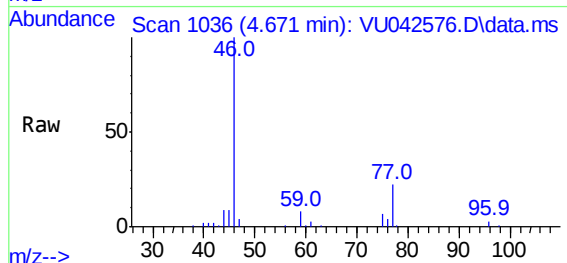


#22
cis-1,2-Dichloroethene
Concen: 0.10 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VU042576.D
Acq: 11 Mar 2021 20:19

Instrument :
MSVOA_U
ClientSampleId :
C0B54

Tgt Ion: 96 Resp: 631

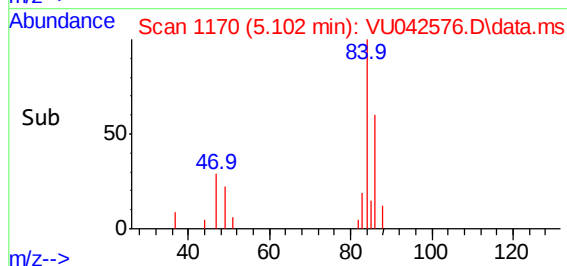
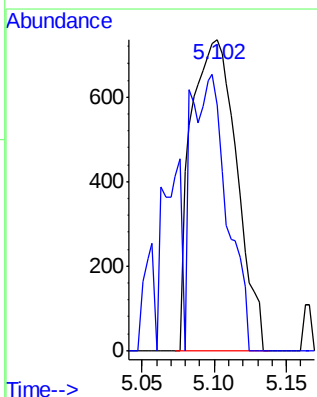
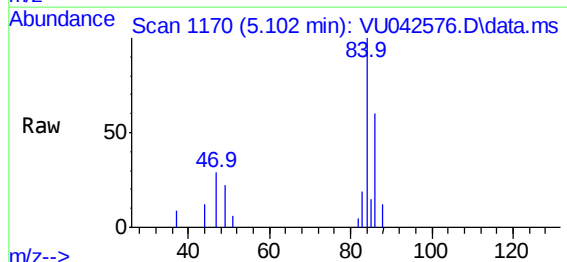
Ion	Ratio	Lower	Upper
96	100		
61	115.7	97.8	181.6
68	0.0	0.0	0.0

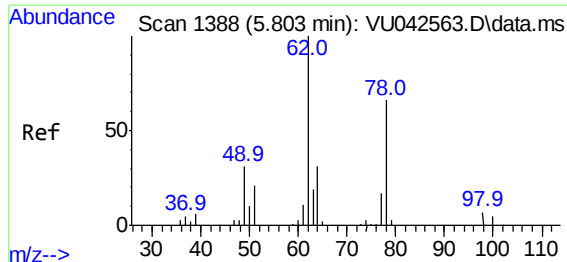


#25
Chloroform
Concen: 0.13 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VU042576.D
Acq: 11 Mar 2021 20:19

Tgt Ion: 83 Resp: 1622

Ion	Ratio	Lower	Upper
83	100		
85	78.8	45.7	84.9

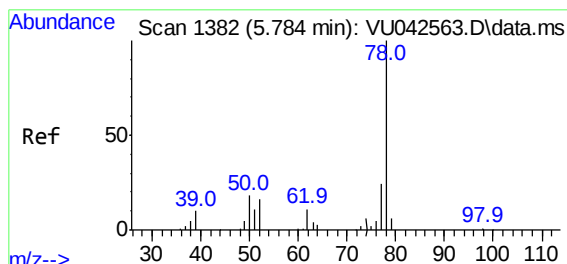
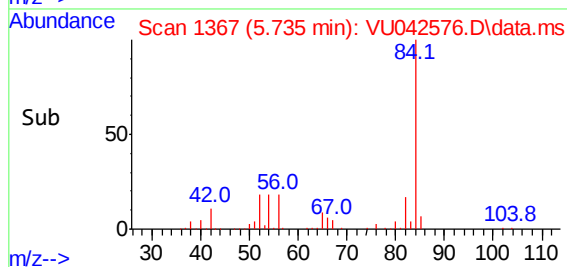
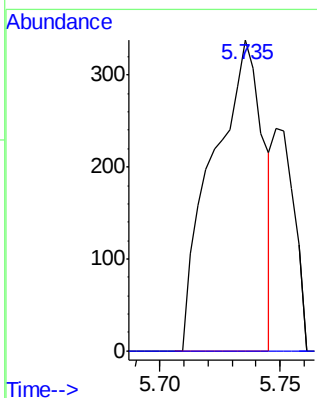
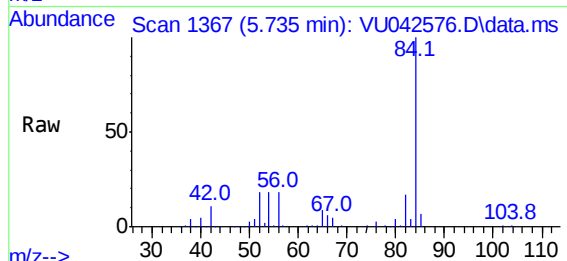




#27
1,2-Dichloroethane
Concen: 0.05 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.068 min
Lab File: VU042576.D
Acq: 11 Mar 2021 20:19

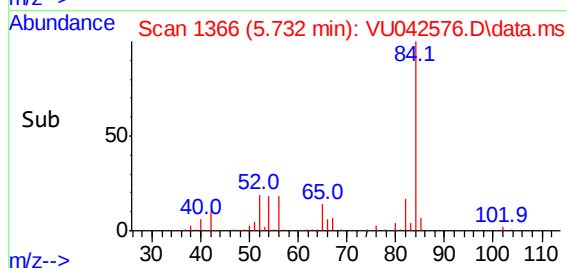
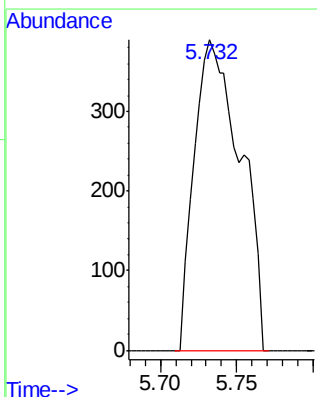
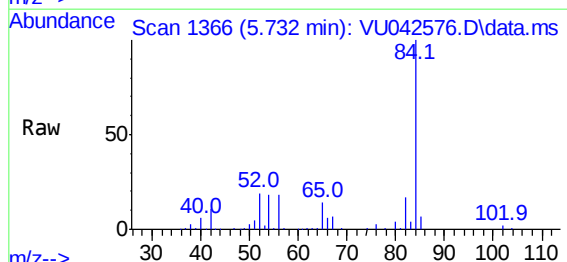
Instrument :
MSVOA_U
ClientSampleId :
C0B54

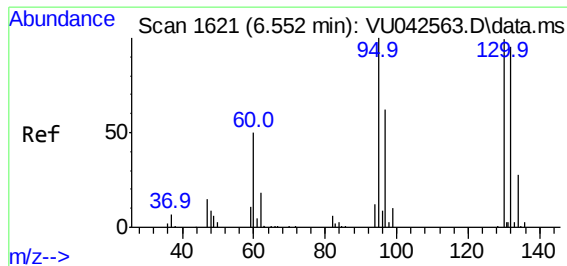
Tgt Ion: 62 Resp: 489
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#33
Benzene
Concen: 0.03 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.052 min
Lab File: VU042576.D
Acq: 11 Mar 2021 20:19

Tgt Ion: 78 Resp: 827

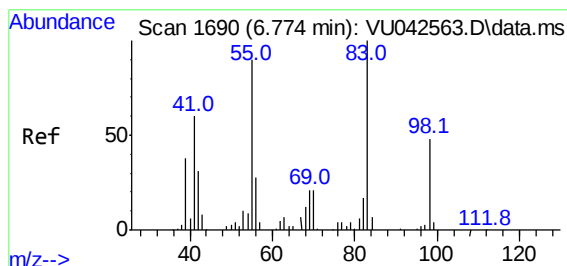
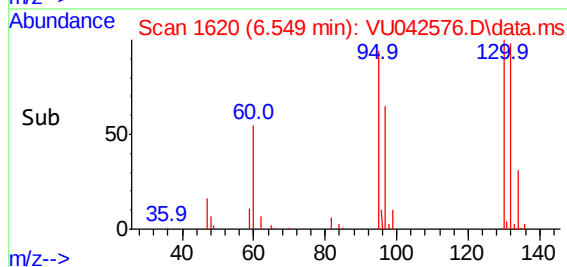
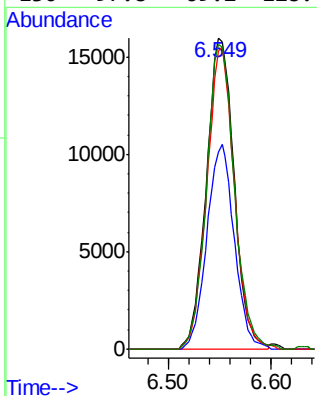
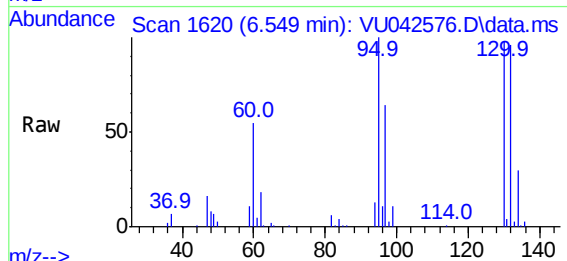




#34
Trichloroethene
Concen: 4.32 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU042576.D
Acq: 11 Mar 2021 20:19

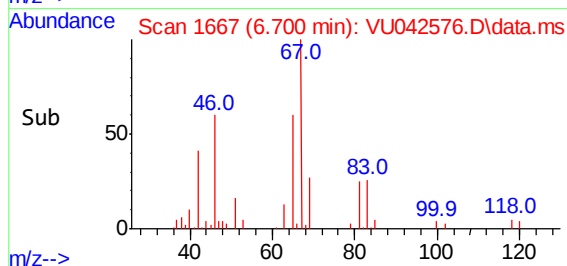
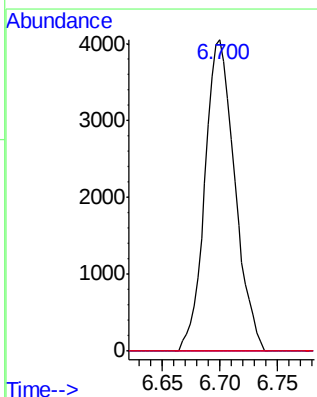
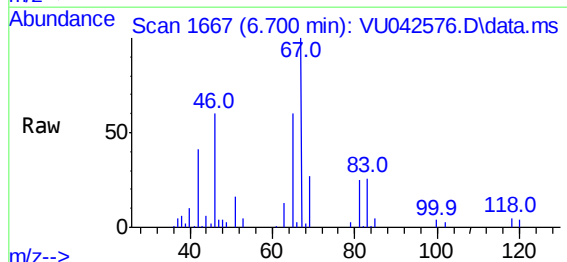
Instrument :
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ClientSampleId :
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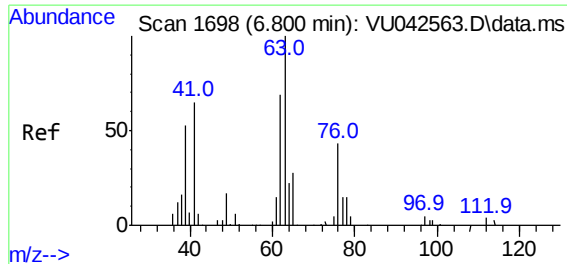
Tgt Ion: 95 Resp: 29868
Ion Ratio Lower Upper
95 100
97 63.5 44.4 82.4
132 96.1 68.0 126.4
130 97.8 69.2 128.4



#35
Methylcyclohexane
Concen: 0.69 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042576.D
Acq: 11 Mar 2021 20:19

Tgt Ion: 83 Resp: 7261
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 1.3 39.7 59.5#

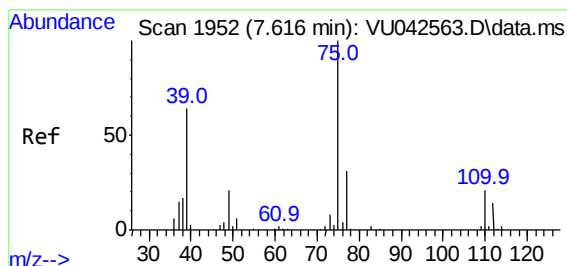
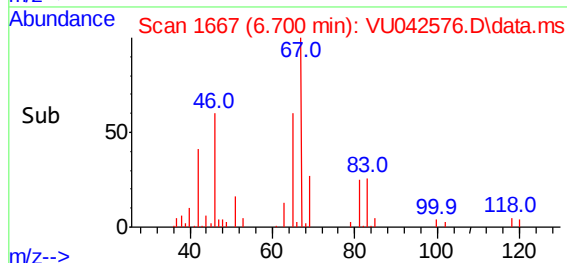
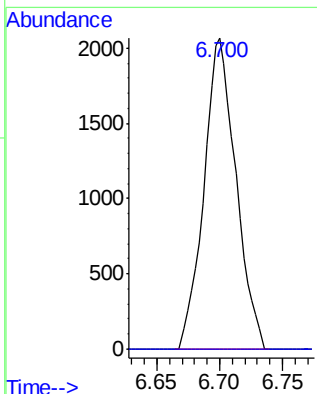
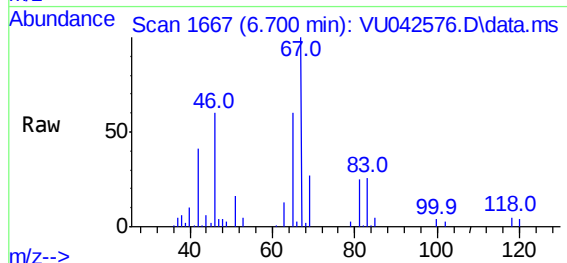




#37
1,2-Dichloropropane
Concen: 0.54 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042576.D
Acq: 11 Mar 2021 20:19

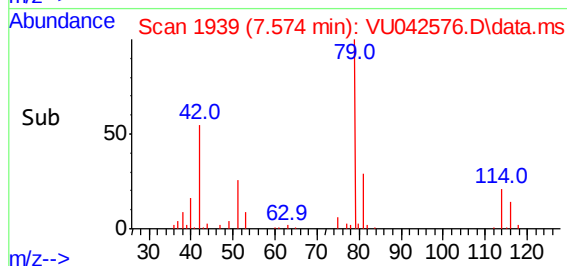
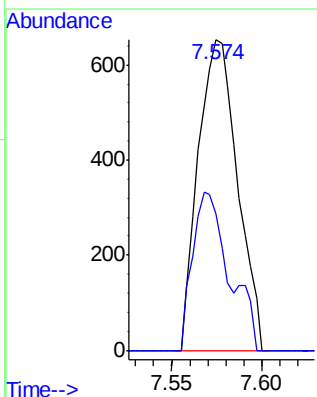
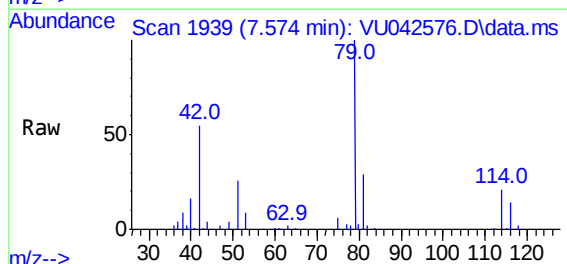
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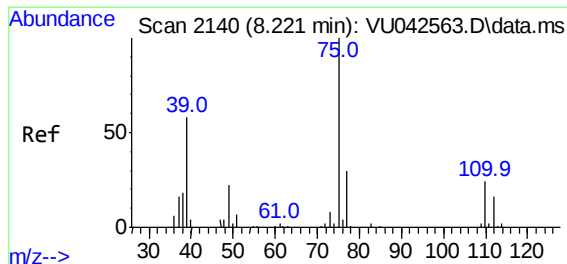
Tgt Ion: 63 Resp: 3644
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042576.D
Acq: 11 Mar 2021 20:19

Tgt Ion: 75 Resp: 979
Ion Ratio Lower Upper
75 100
77 44.0 22.0 40.8#

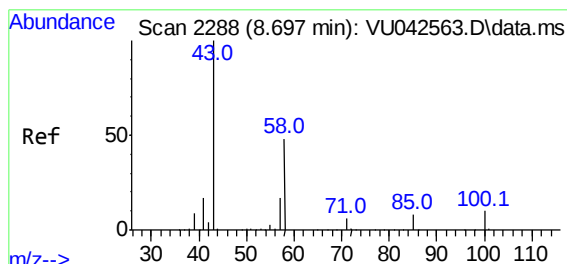
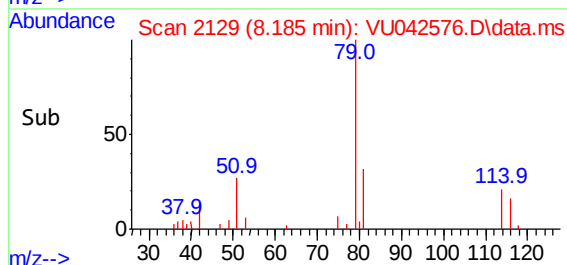
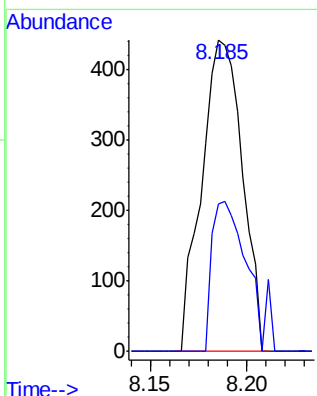
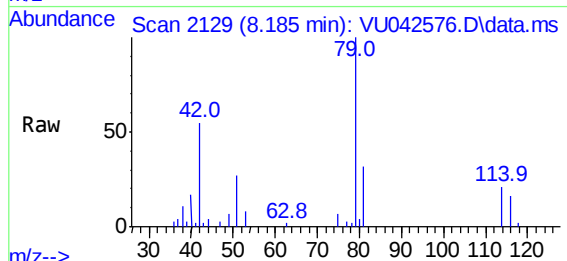




#44
trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.035 min
Lab File: VU042576.D
Acq: 11 Mar 2021 20:19

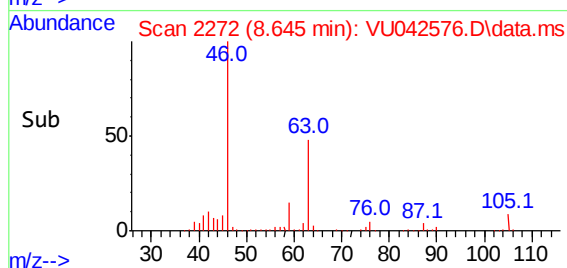
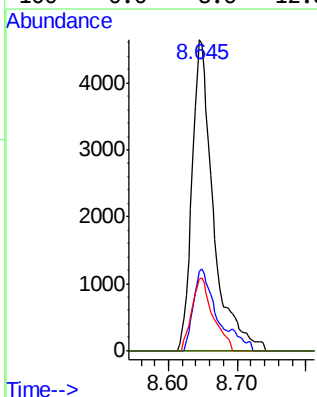
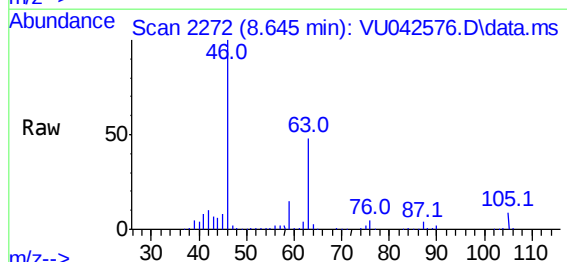
Instrument :
MSVOA_U
ClientSampled :
C0B54

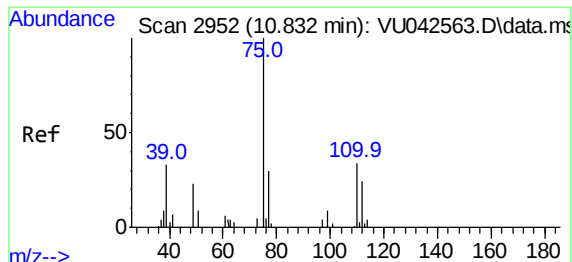
Tgt Ion: 75 Resp: 647
Ion Ratio Lower Upper
75 100
77 47.4 21.8 40.4#



#48
2-Hexanone
Concen: 2.30 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.052 min
Lab File: VU042576.D
Acq: 11 Mar 2021 20:19

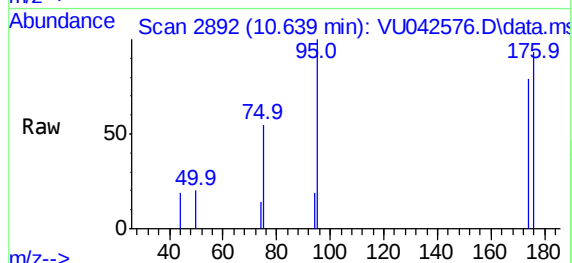
Tgt Ion: 43 Resp: 9971
Ion Ratio Lower Upper
43 100
58 25.6 40.6 61.0#
57 23.0 14.9 22.3#
100 0.0 8.6 12.8#





#59
 1,2,3-Trichloropropane
 Concen: 0.15 ug/L
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU042576.D
 Acq: 11 Mar 2021 20:19

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B54



Tgt Ion: 75 Resp: 746
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.0 39.0#

