

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031221\
 Data File : VU042571.D
 Acq On : 11 Mar 2021 18:18
 Operator : SY/MD
 Sample : M1631-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B49

Quant Time: Mar 12 01:33:32 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	6.256	114	81431	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	80389	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	36577	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	25222	4.65	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.00%	
7) Chloroethane-d5	1.919	69	21076	5.13	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.60%	
11) 1,1-Dichloroethene-d2	2.575	63	43161	3.52	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.40%	
20) 2-Butanone-d5	4.649	46	80943	45.41	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	90.82%	
24) Chloroform-d	5.076	84	51116	4.76	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.20%	
26) 1,2-Dichloroethane-d4	5.713	65	34589	5.24	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.80%	
32) Benzene-d6	5.739	84	93092	4.72	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.40%	
36) 1,2-Dichloropropane-d6	6.700	67	30818	4.85	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.00%	
41) Toluene-d8	7.906	98	91400	4.75	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.00%	
43) trans-1,3-Dichloroprop...	8.189	79	12387	4.17	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.40%	
46) 2-Hexanone-d5	8.645	63	63114	44.37	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	88.74%	
57) 1,1,2,2-Tetrachloroeth...	10.764	84	26637	4.70	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.00%	
64) 1,2-Dichlorobenzene-d4	12.201	152	34455	5.20	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.00%	

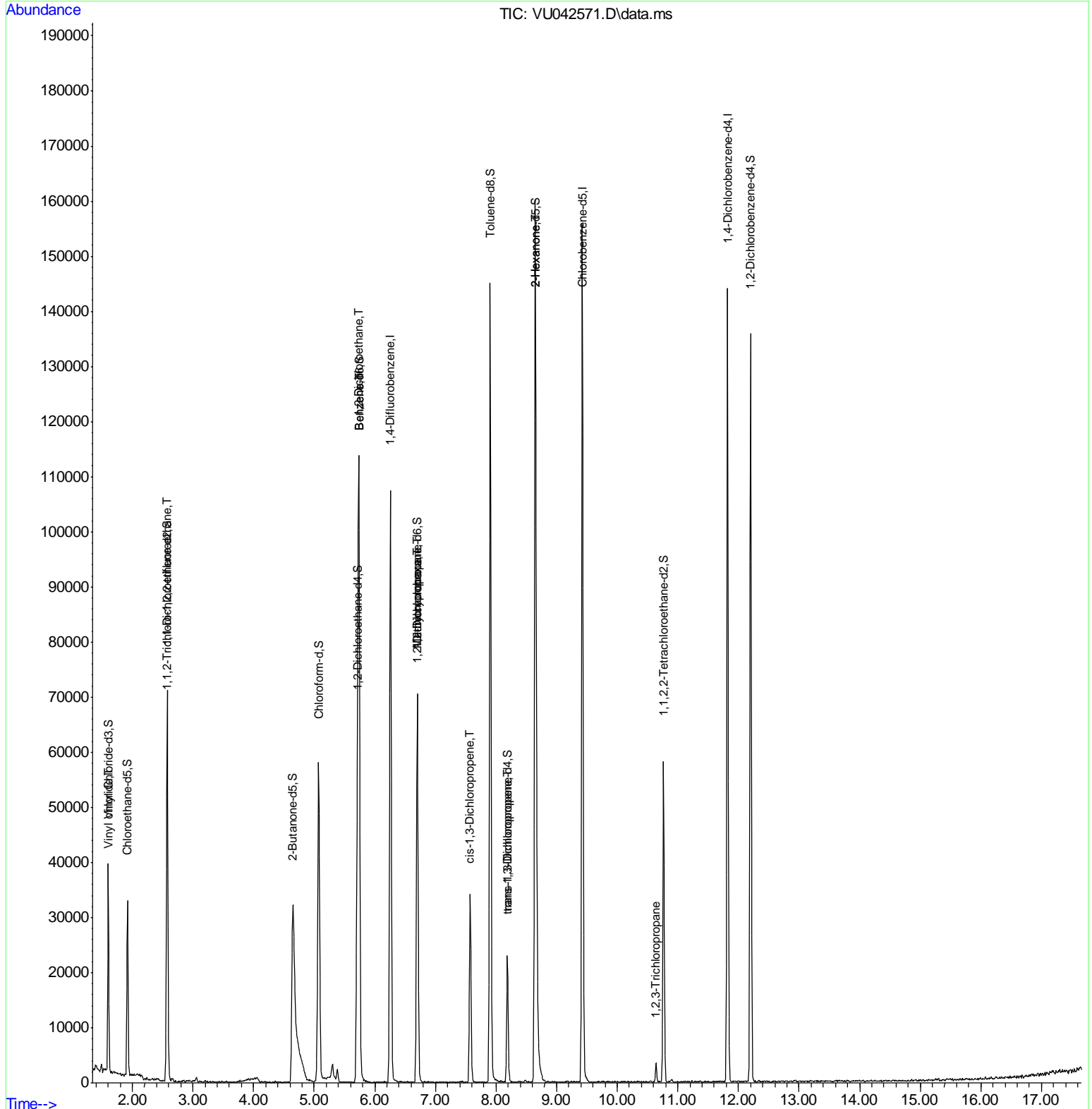
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	411	0.06	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	327	0.05	ug/L #	18
27) 1,2-Dichloroethane	5.732	62	592	0.06	ug/L #	75
33) Benzene	5.739	78	893	0.04	ug/L	100
35) Methylcyclohexane	6.700	83	6883	0.65	ug/L #	14
37) 1,2-Dichloropropane	6.703	63	3799	0.56	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	894	0.09	ug/L #	57
44) trans-1,3-Dichloropropene	8.185	75	491	0.05	ug/L #	65
48) 2-Hexanone	8.648	43	8954	2.05	ug/L #	70
59) 1,2,3-Trichloropropane	10.639	75	742	0.15	ug/L #	42

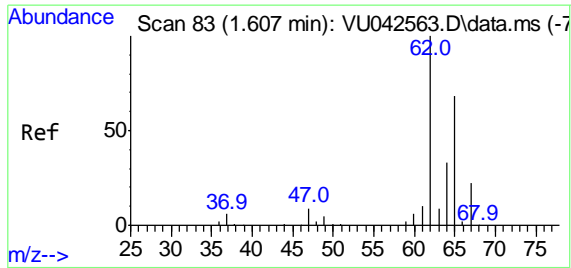
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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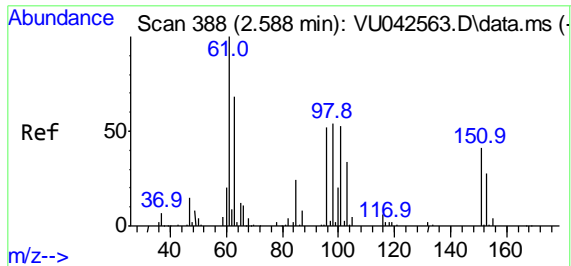
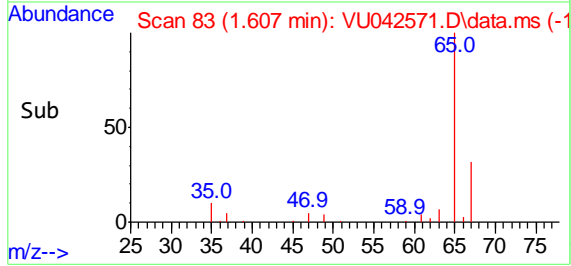
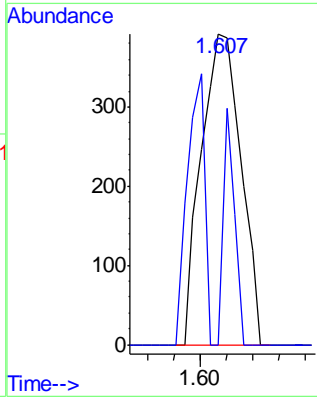
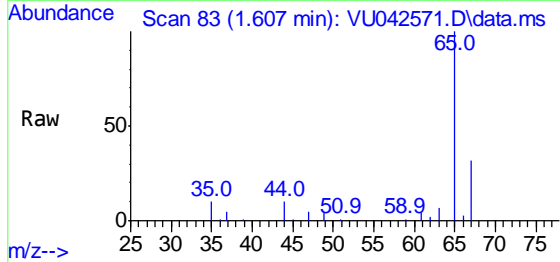




#5
 Vinyl chloride
 Concen: 0.06 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU042571.D
 Acq: 11 Mar 2021 18:18

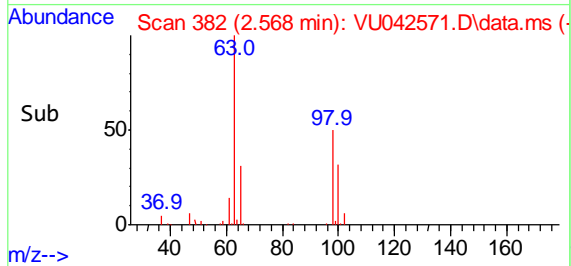
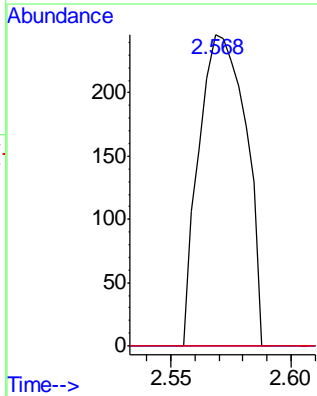
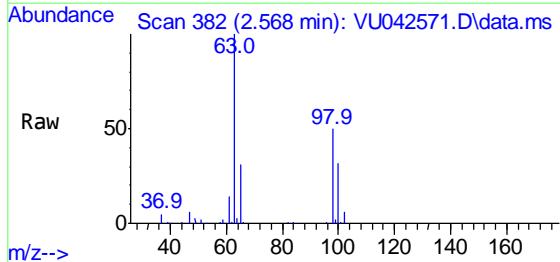
Instrument :
 MSVOA_U
 ClientSampled :
 C0B49

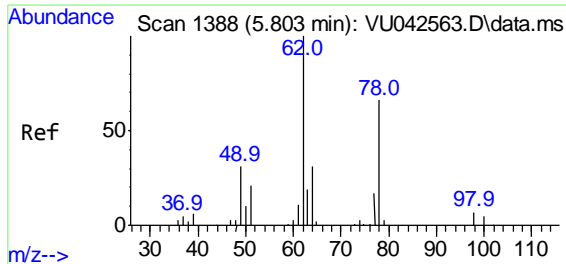
Tgt Ion: 62 Resp: 411
 Ion Ratio Lower Upper
 62 100
 64 0.0 22.7 42.1#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.05 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.019 min
 Lab File: VU042571.D
 Acq: 11 Mar 2021 18:18

Tgt Ion:101 Resp: 327
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 62.7 94.1#

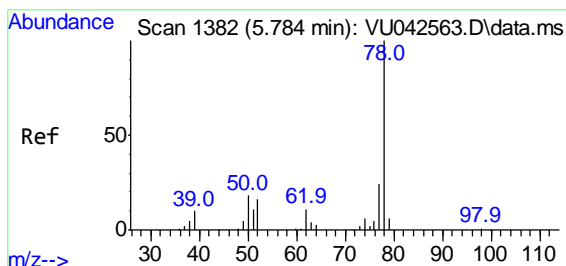
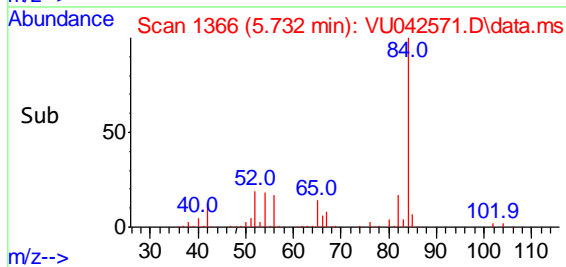
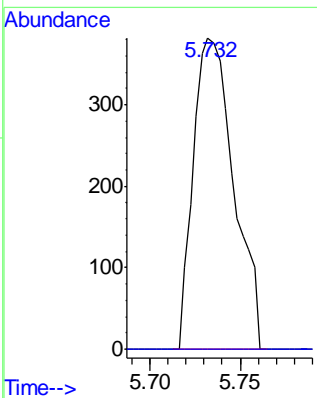
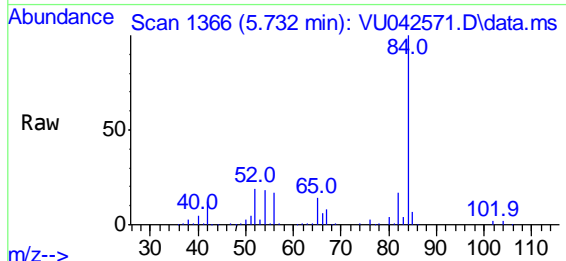




#27
 1,2-Dichloroethane
 Concen: 0.06 ug/L
 RT: 5.732 min Scan# 1366
 Delta R.T. -0.071 min
 Lab File: VU042571.D
 Acq: 11 Mar 2021 18:18

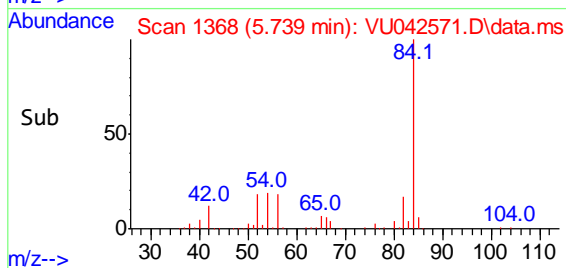
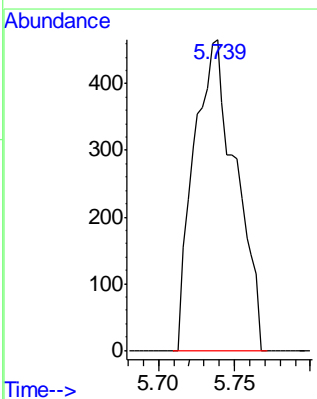
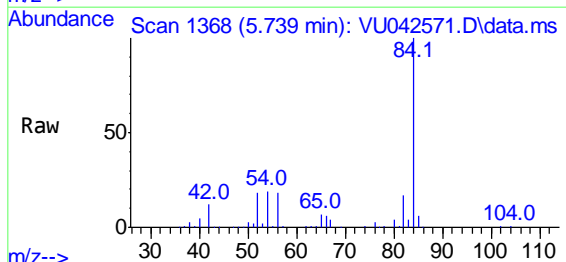
Instrument :
 MSVOA_U
 ClientSampled :
 C0B49

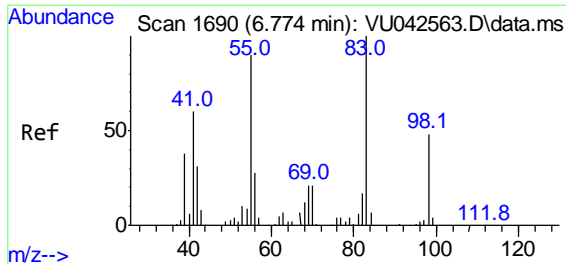
Tgt Ion: 62 Resp: 592
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.3 10.9#



#33
 Benzene
 Concen: 0.04 ug/L
 RT: 5.739 min Scan# 1368
 Delta R.T. -0.045 min
 Lab File: VU042571.D
 Acq: 11 Mar 2021 18:18

Tgt Ion: 78 Resp: 893



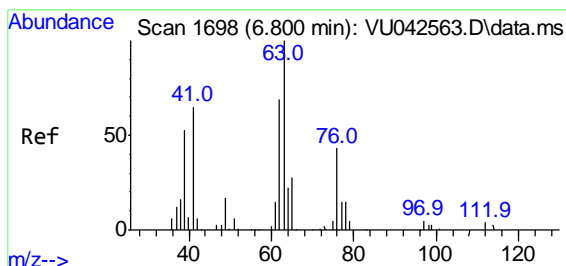
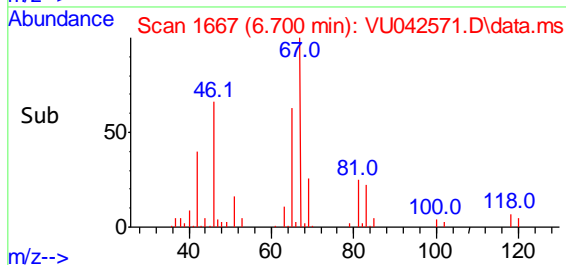
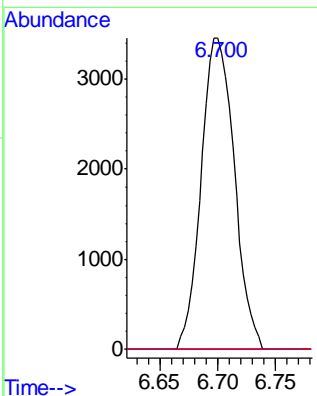
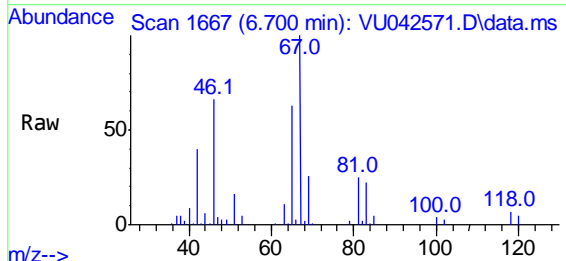


#35
 Methylcyclohexane
 Concen: 0.65 ug/L
 RT: 6.700 min Scan# 1667
 Delta R.T. -0.074 min
 Lab File: VU042571.D
 Acq: 11 Mar 2021 18:18

Instrument :
 MSVOA_U
 ClientSampled :
 C0B49

Tgt Ion: 83 Resp: 6883

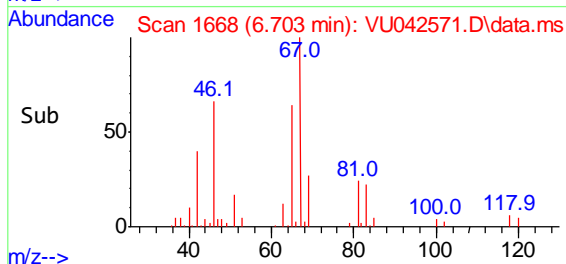
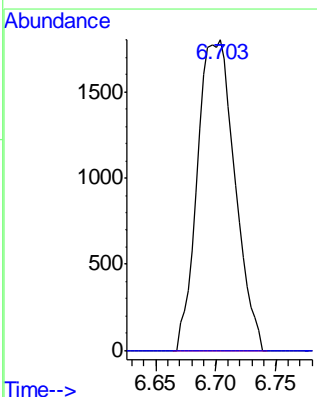
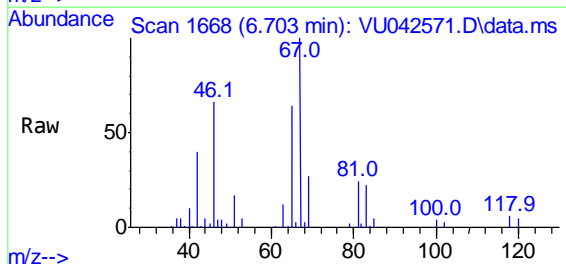
Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.2	102.4#
98	0.0	39.7	59.5#

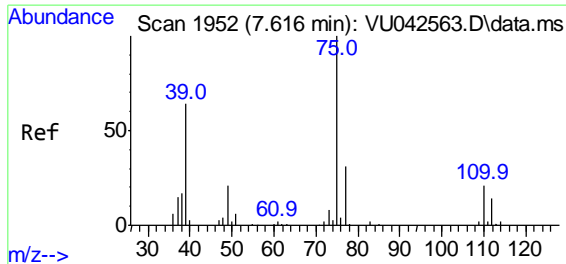


#37
 1,2-Dichloropropane
 Concen: 0.56 ug/L
 RT: 6.703 min Scan# 1668
 Delta R.T. -0.097 min
 Lab File: VU042571.D
 Acq: 11 Mar 2021 18:18

Tgt Ion: 63 Resp: 3799

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#

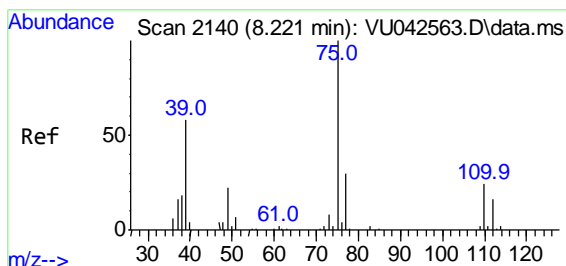
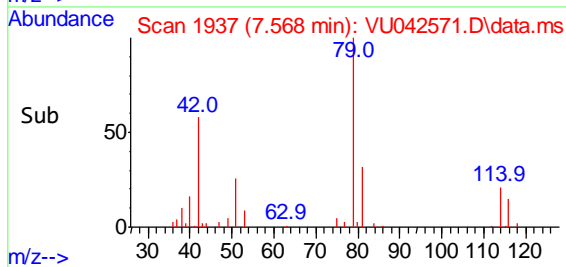
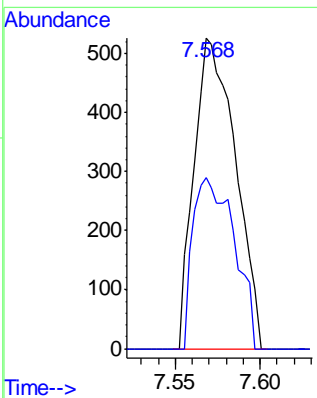
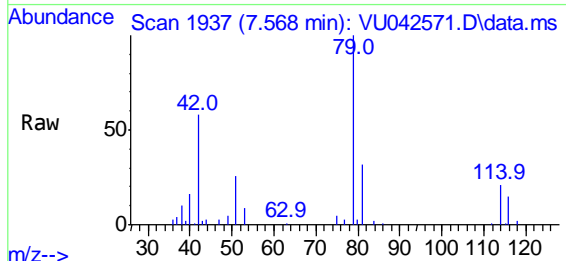




#39
 cis-1,3-Dichloropropene
 Concen: 0.09 ug/L
 RT: 7.568 min Scan# 1937
 Delta R.T. -0.048 min
 Lab File: VU042571.D
 Acq: 11 Mar 2021 18:18

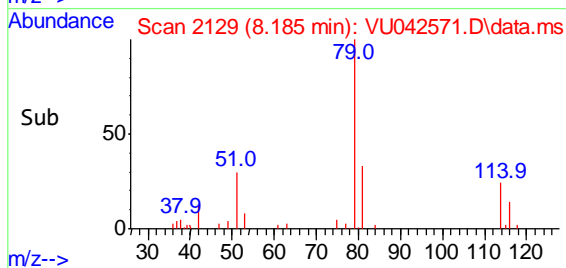
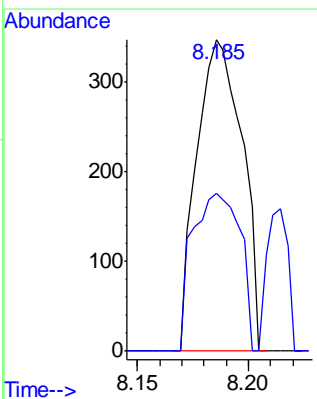
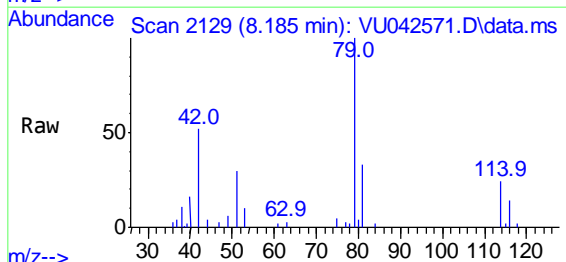
Instrument :
 MSVOA_U
 ClientSampled :
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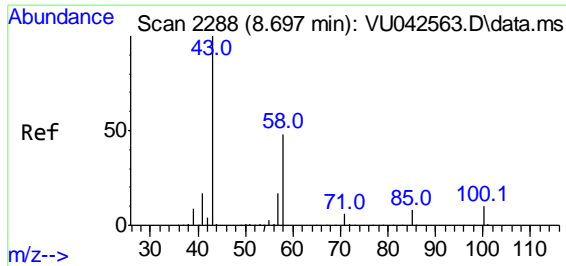
Tgt Ion: 75 Resp: 894
 Ion Ratio Lower Upper
 75 100
 77 54.9 22.0 40.8#



#44
 trans-1,3-Dichloropropene
 Concen: 0.05 ug/L
 RT: 8.185 min Scan# 2129
 Delta R.T. -0.035 min
 Lab File: VU042571.D
 Acq: 11 Mar 2021 18:18

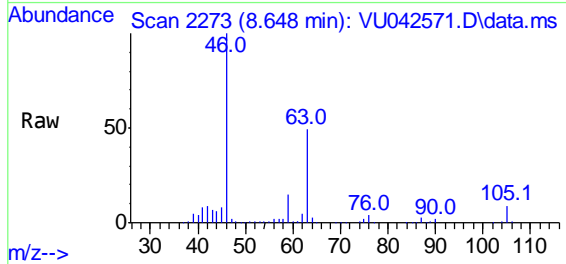
Tgt Ion: 75 Resp: 491
 Ion Ratio Lower Upper
 75 100
 77 50.4 21.8 40.4#





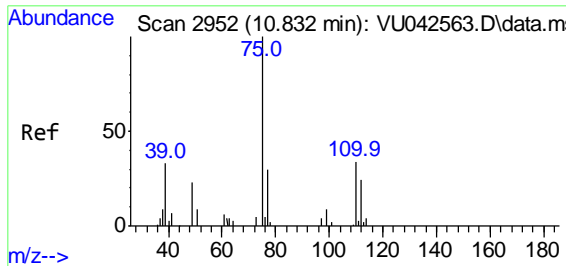
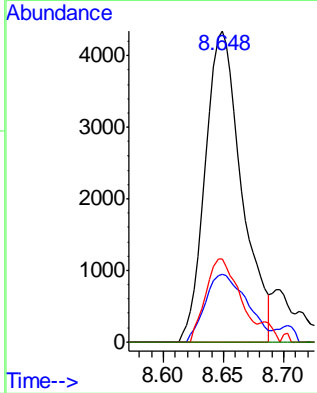
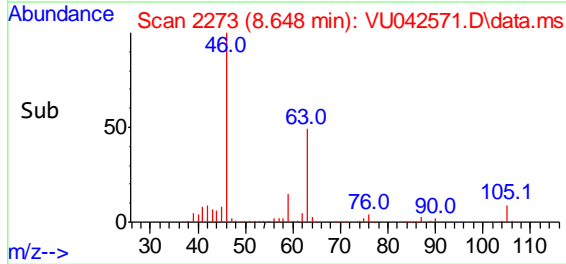
#48
 2-Hexanone
 Concen: 2.05 ug/L
 RT: 8.648 min Scan# 2273
 Delta R.T. -0.048 min
 Lab File: VU042571.D
 Acq: 11 Mar 2021 18:18

Instrument :
 MSVOA_U
 ClientSampled :
 C0B49

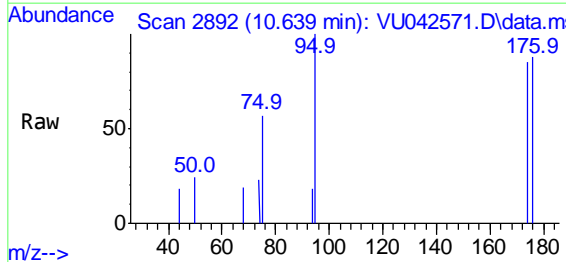


Tgt Ion: 43 Resp: 8954

Ion	Ratio	Lower	Upper
43	100		
58	25.2	40.6	61.0#
57	24.5	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: VU042571.D
 Acq: 11 Mar 2021 18:18



Tgt Ion: 75 Resp: 742

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.0	39.0#

