

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031321\
 Data File : VU042608.D
 Acq On : 12 Mar 2021 14:15
 Operator : SY/MD
 Sample : M1674-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BD3

Quant Time: Mar 13 05:28:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 13 05:26:34 2021
 Response via : Initial Calibration

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

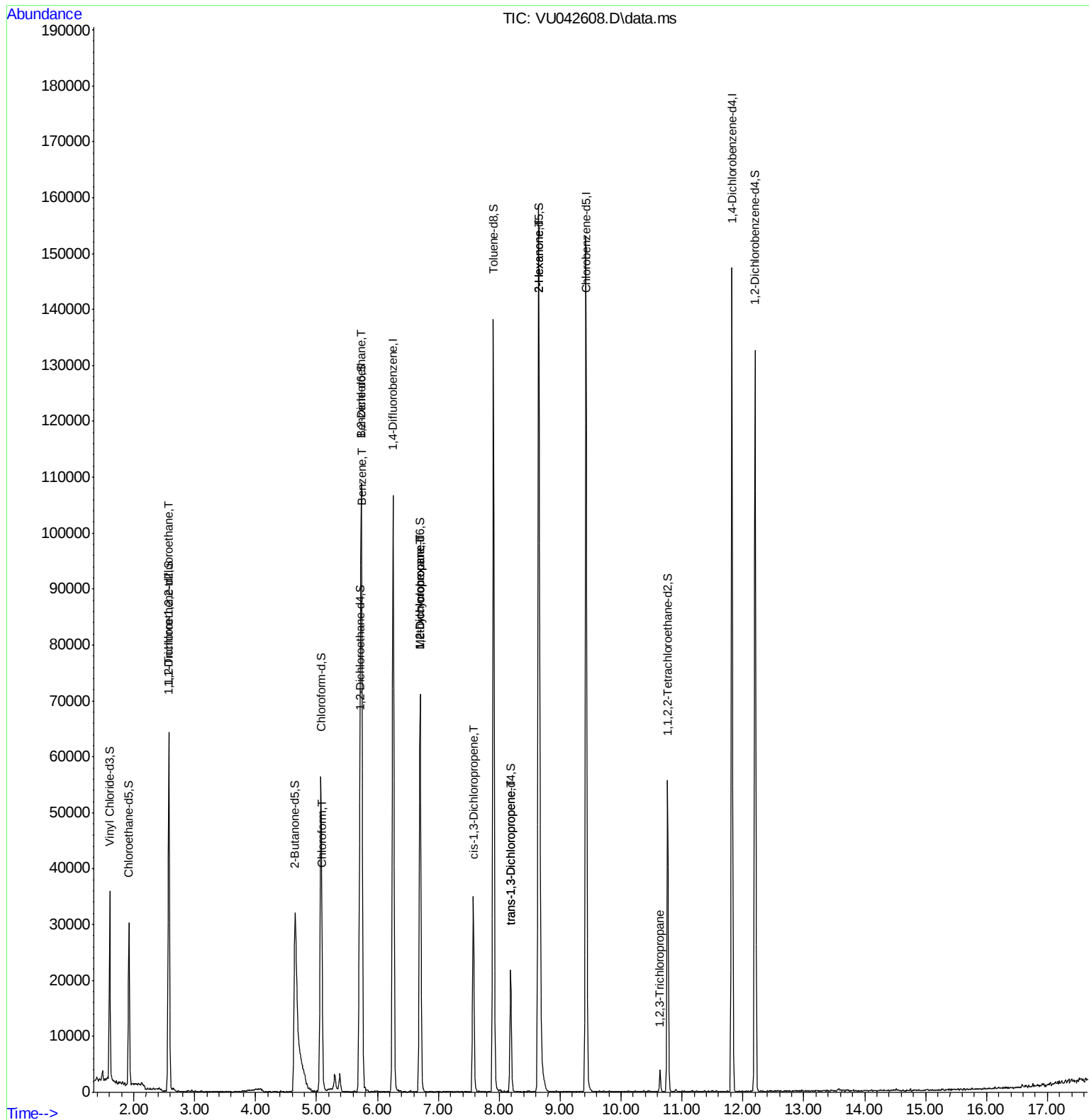
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	82888	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	80454	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	36528	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	23278	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.919	69	19385	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.575	63	39368	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	4.649	46	72029	39.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.40%
24) Chloroform-d	5.073	84	48376	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.713	65	33386	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.736	84	90641	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.700	67	30730	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.906	98	88181	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloroprop...	8.189	79	11718	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	8.645	63	61968	43.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.06%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	25262	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	12.202	152	33722	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	359	0.06	ug/L #	18
25) Chloroform	5.089	83	884	0.07	ug/L	88
27) 1,2-Dichloroethane	5.736	62	671	0.07	ug/L #	75
33) Benzene	5.742	78	626	0.02	ug/L	100
35) Methylcyclohexane	6.700	83	6958	0.66	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	3739	0.55	ug/L #	87
39) cis-1,3-Dichloropropene	7.578	75	1005	0.10	ug/L #	74
44) trans-1,3-Dichloropropene	8.189	75	634	0.07	ug/L #	79
48) 2-Hexanone	8.649	43	9923	2.27	ug/L #	66
59) 1,2,3-Trichloropropane	10.636	75	719	0.14	ug/L #	42

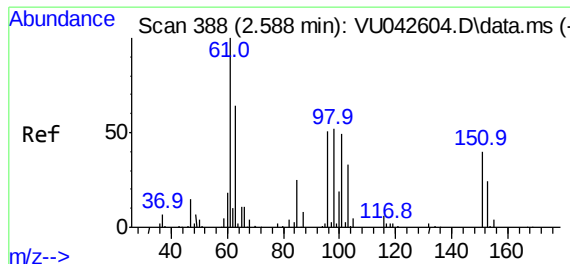
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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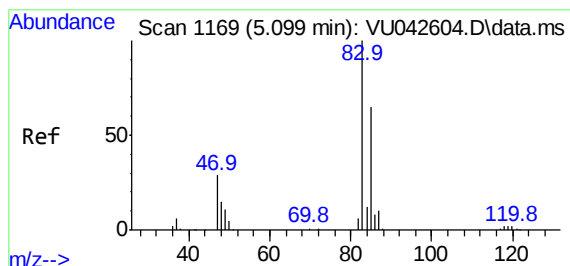
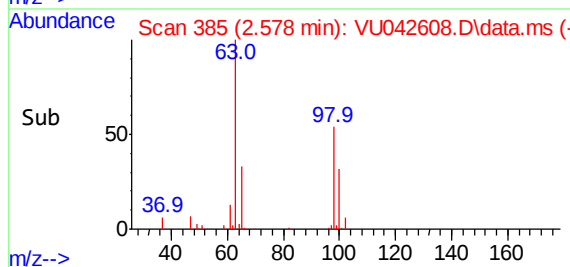
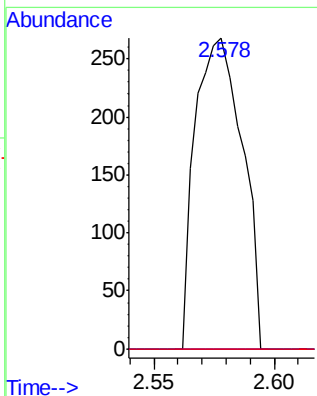
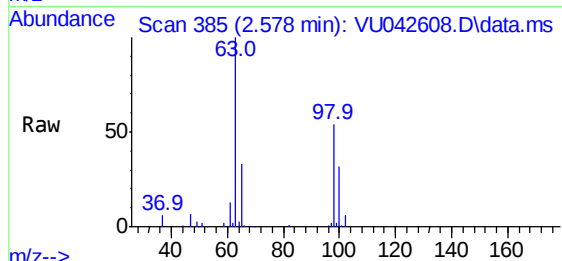




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.06 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.010 min
 Lab File: VU042608.D
 Acq: 12 Mar 2021 14:15

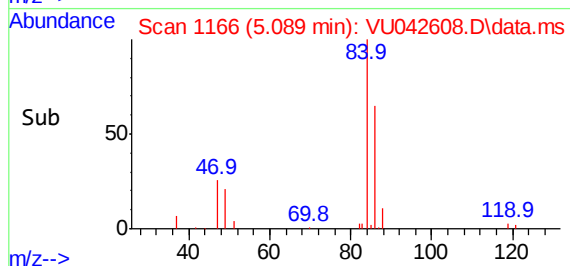
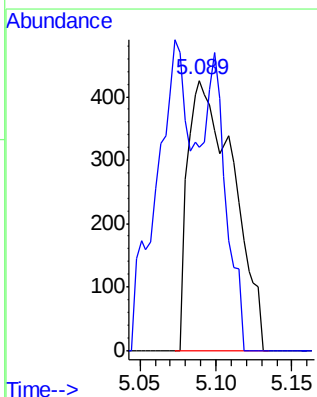
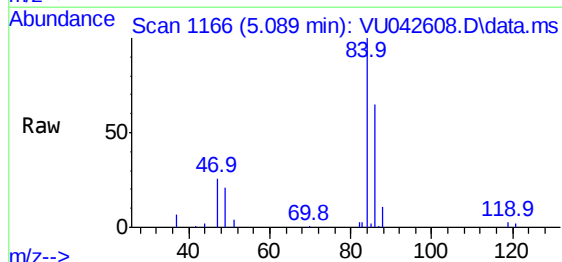
Instrument :
 MSVOA_U
 ClientSampleId :
 C0BD3

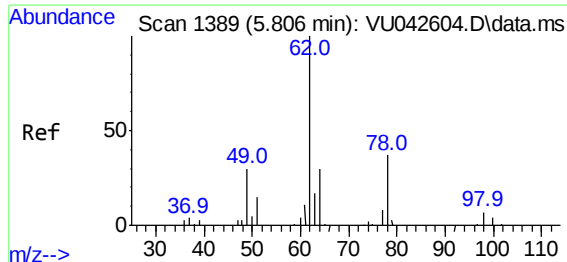
Tgt Ion:101 Resp: 359
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 62.7 94.1#



#25
 Chloroform
 Concen: 0.07 ug/L
 RT: 5.089 min Scan# 1166
 Delta R.T. -0.010 min
 Lab File: VU042608.D
 Acq: 12 Mar 2021 14:15

Tgt Ion: 83 Resp: 884
 Ion Ratio Lower Upper
 83 100
 85 75.1 45.7 84.9

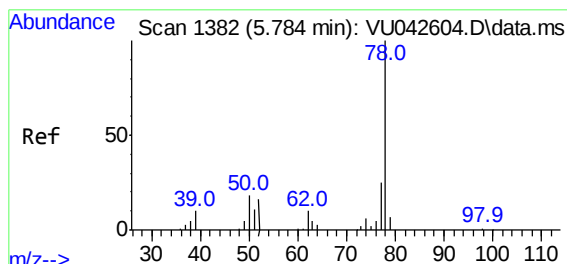
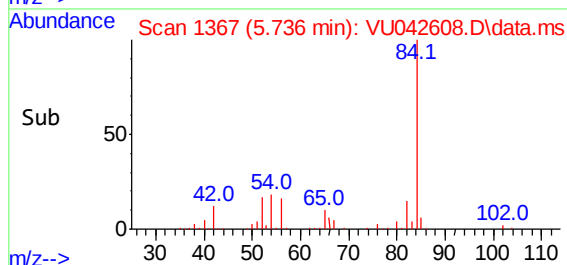
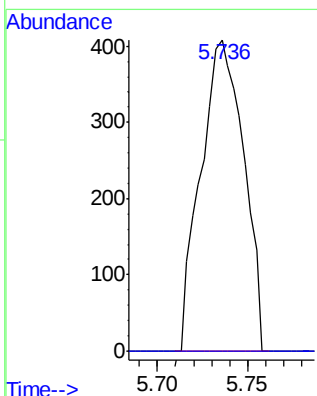
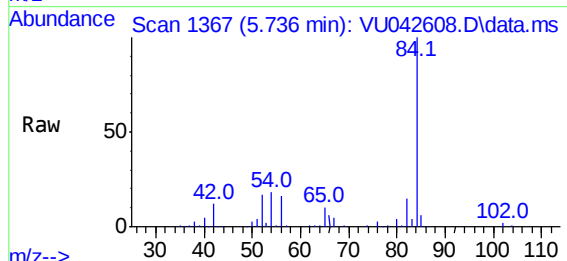




#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.736 min Scan# 1367
Delta R.T. -0.071 min
Lab File: VU042608.D
Acq: 12 Mar 2021 14:15

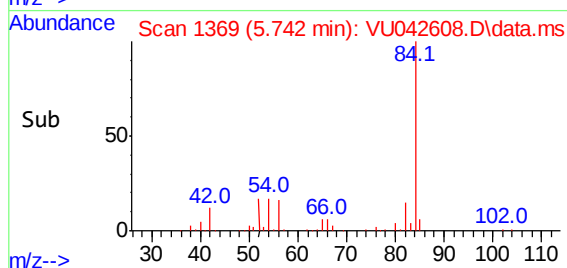
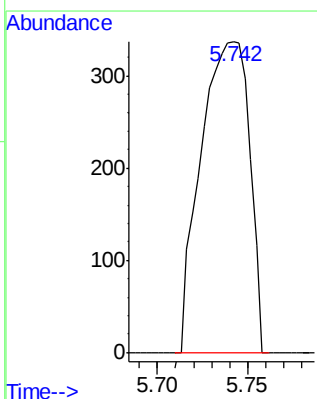
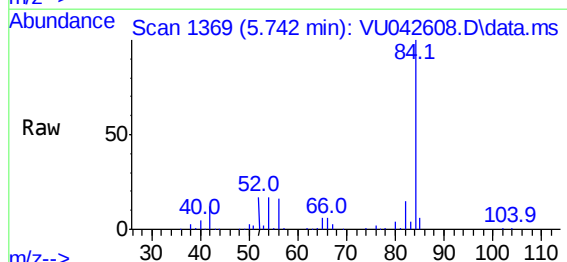
Instrument :
MSVOA_U
ClientSampled :
C0BD3

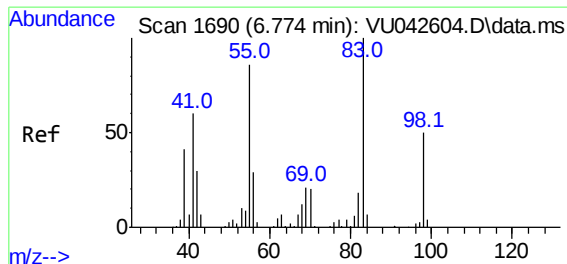
Tgt Ion: 62 Resp: 671
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#33
Benzene
Concen: 0.02 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.042 min
Lab File: VU042608.D
Acq: 12 Mar 2021 14:15

Tgt Ion: 78 Resp: 626

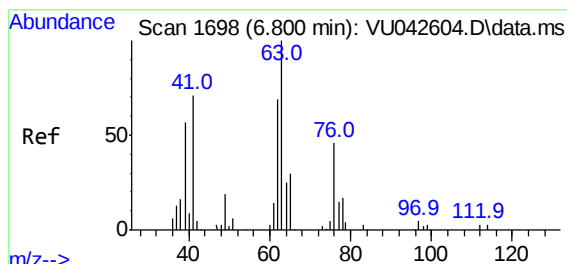
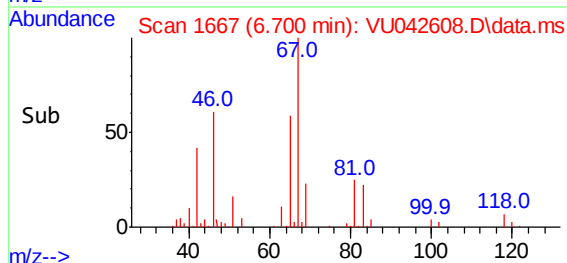
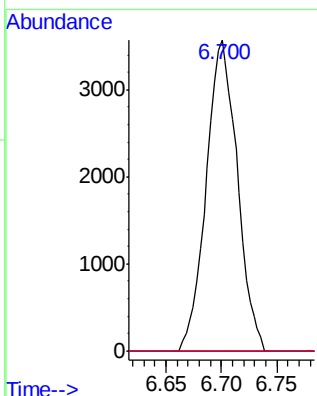
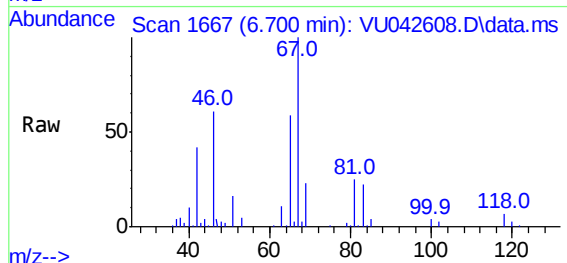




#35
Methylcyclohexane
Concen: 0.66 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042608.D
Acq: 12 Mar 2021 14:15

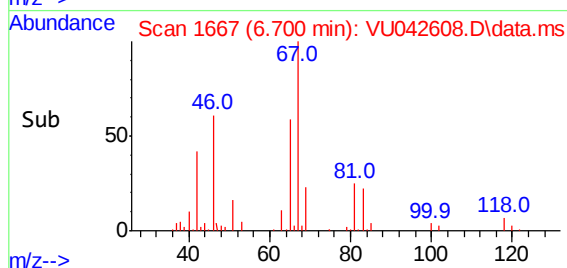
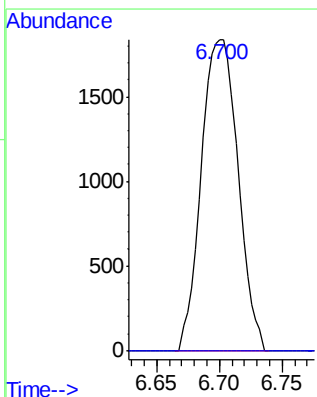
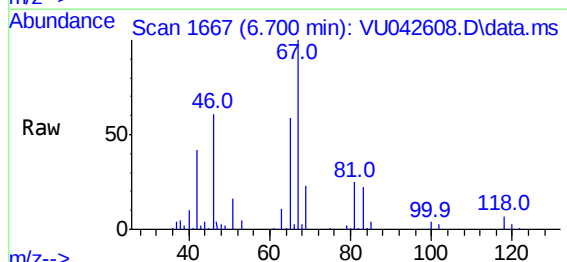
Instrument :
MSVOA_U
ClientSampled :
C0BD3

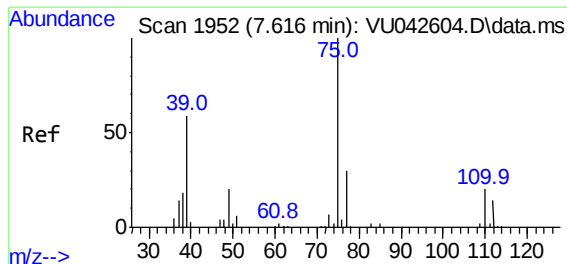
Tgt Ion: 83 Resp: 6958
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.55 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042608.D
Acq: 12 Mar 2021 14:15

Tgt Ion: 63 Resp: 3739
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

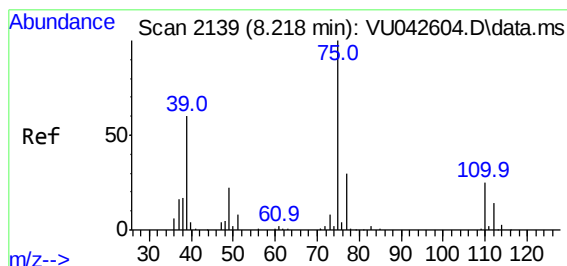
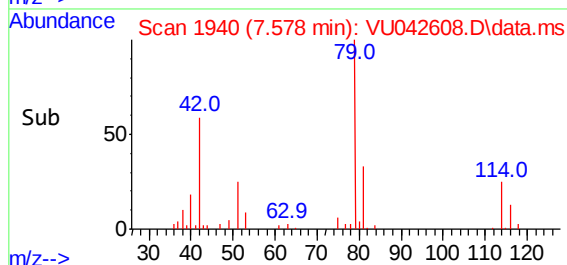
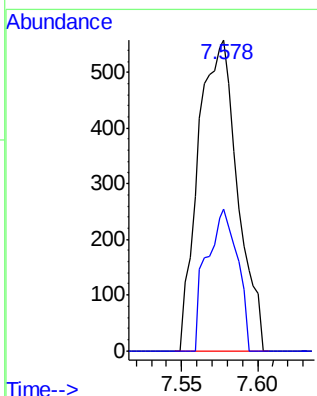
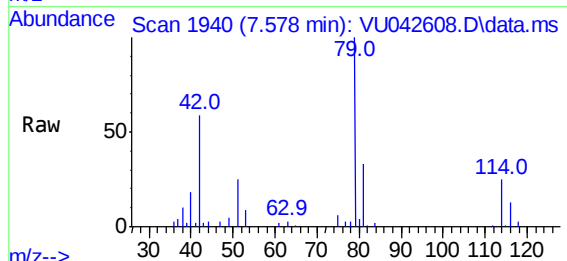




#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.038 min
Lab File: VU042608.D
Acq: 12 Mar 2021 14:15

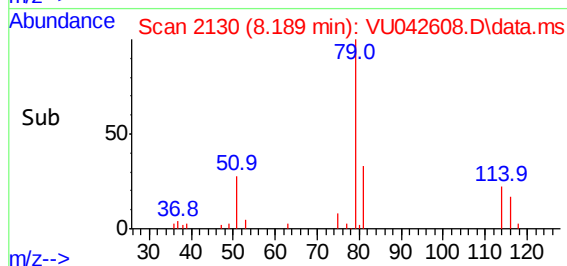
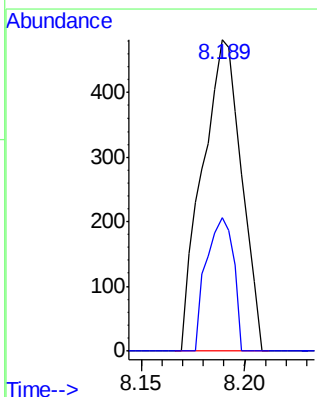
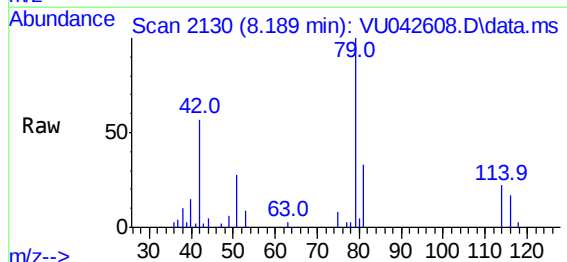
Instrument :
MSVOA_U
ClientSampled :
C0BD3

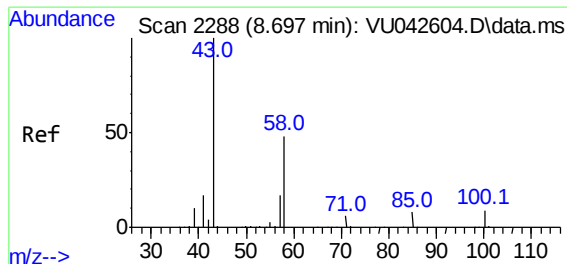
Tgt Ion: 75 Resp: 1005
Ion Ratio Lower Upper
75 100
77 45.7 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042608.D
Acq: 12 Mar 2021 14:15

Tgt Ion: 75 Resp: 634
Ion Ratio Lower Upper
75 100
77 42.7 21.8 40.4#



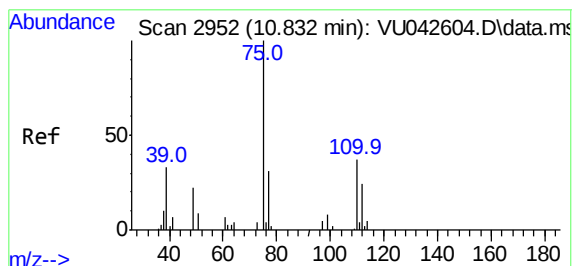
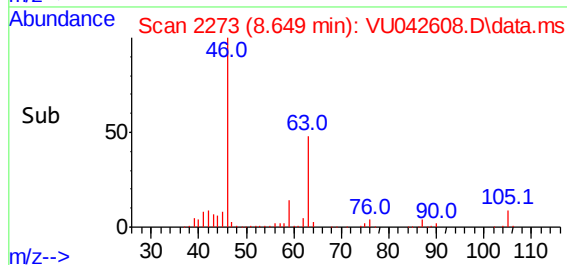
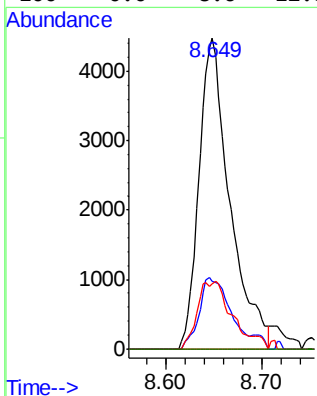
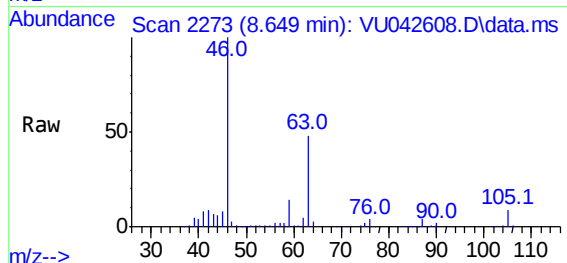


#48
2-Hexanone
Concen: 2.27 ug/L
RT: 8.649 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU042608.D
Acq: 12 Mar 2021 14:15

Instrument :
MSVOA_U
ClientSampleId :
C0BD3

Tgt Ion: 43 Resp: 9923

Ion	Ratio	Lower	Upper
43	100		
58	23.0	40.6	61.0#
57	9.4	14.9	22.3#
100	0.0	8.6	12.8#



#59
1,2,3-Trichloropropane
Concen: 0.14 ug/L
RT: 10.636 min Scan# 2891
Delta R.T. -0.196 min
Lab File: VU042608.D
Acq: 12 Mar 2021 14:15

Tgt Ion: 75 Resp: 719

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.0	39.0#

