

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031321\
 Data File : VU042611.D
 Acq On : 12 Mar 2021 15:27
 Operator : SY/MD
 Sample : M1674-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BE0

Quant Time: Mar 13 05:29:03 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)

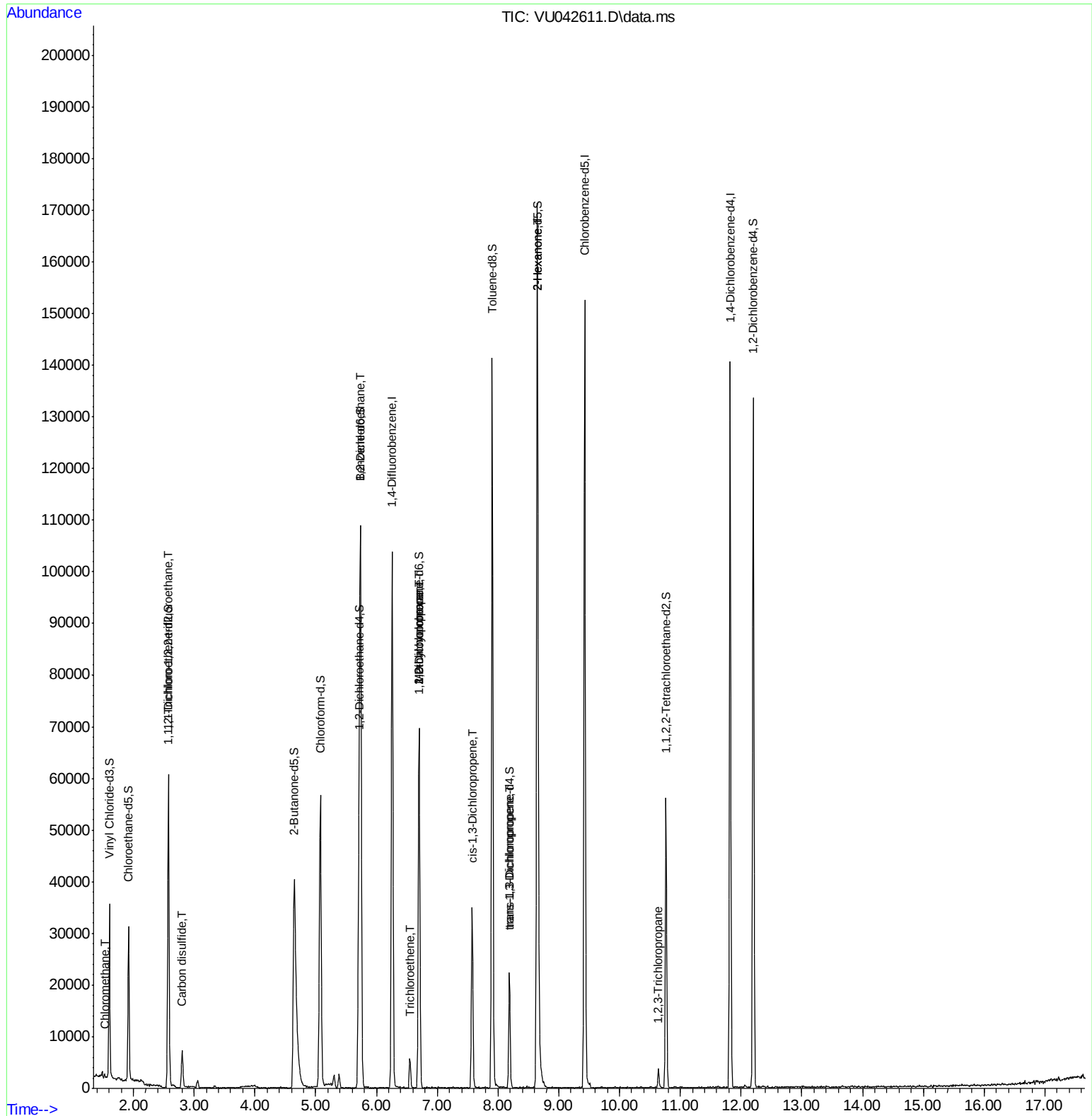
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	80124	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	79329	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	35419	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	22992	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.919	69	19998	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.575	63	37485	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	4.649	46	88703	50.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.16%
24) Chloroform-d	5.073	84	48580	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.713	65	33097	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.735	84	89261	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.700	67	29897	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.906	98	86760	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloroprop...	8.189	79	11624	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.645	63	60246	42.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.84%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	25168	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	12.201	152	33404	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%
Target Compounds						
3) Chloromethane	1.523	50	386	0.05	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	295	0.05	ug/L #	18
14) Carbon disulfide	2.803	76	9573	0.53	ug/L	98
27) 1,2-Dichloroethane	5.735	62	613	0.07	ug/L #	75
34) Trichloroethene	6.552	95	1777	0.26	ug/L	92
35) Methylcyclohexane	6.700	83	6651	0.64	ug/L #	15
37) 1,2-Dichloropropane	6.697	63	3847	0.57	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	983	0.10	ug/L	83
44) trans-1,3-Dichloropropene	8.185	75	499	0.06	ug/L #	77
48) 2-Hexanone	8.649	43	9140	2.12	ug/L #	60
59) 1,2,3-Trichloropropane	10.639	75	866	0.17	ug/L #	42

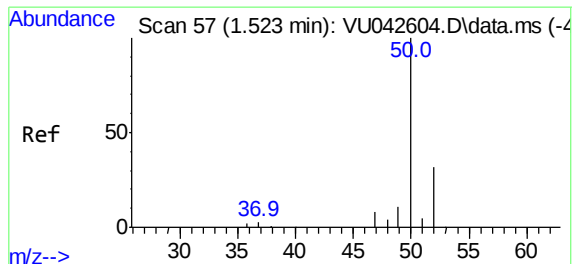
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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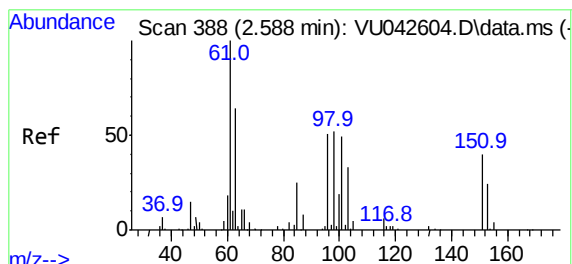
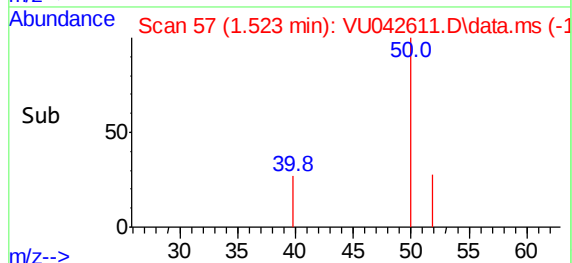
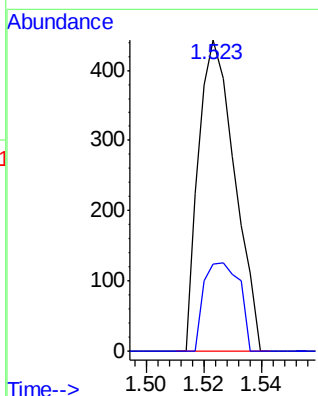
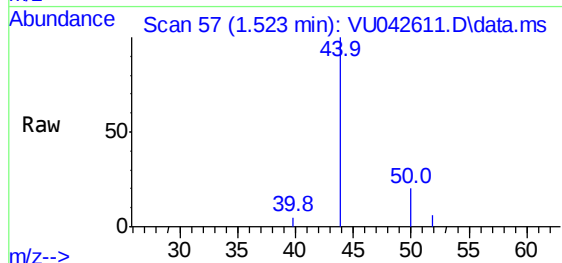




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042611.D
Acq: 12 Mar 2021 15:27

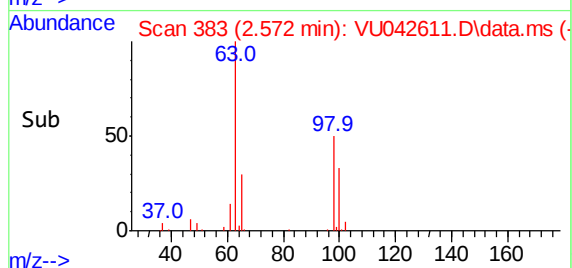
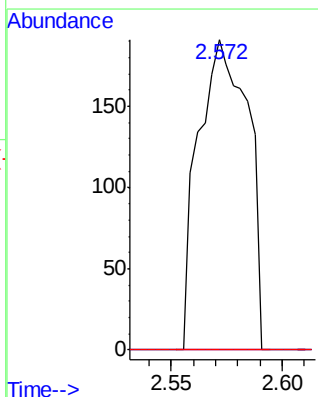
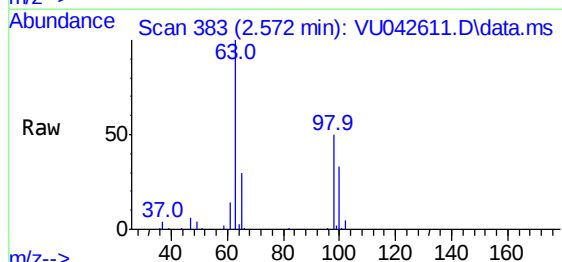
Instrument :
MSVOA_U
ClientSampleId :
C0BE0

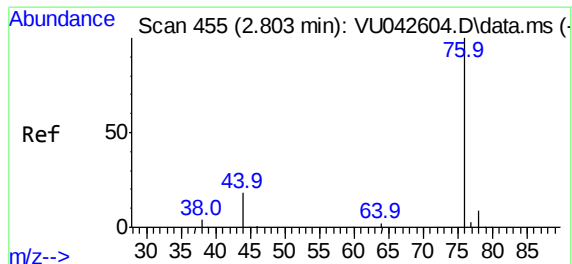
Tgt Ion: 50 Resp: 386
Ion Ratio Lower Upper
50 100
52 28.0 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU042611.D
Acq: 12 Mar 2021 15:27

Tgt Ion:101 Resp: 295
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

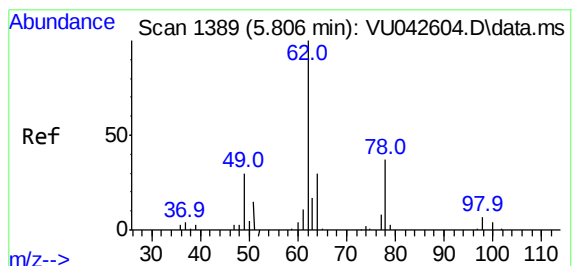
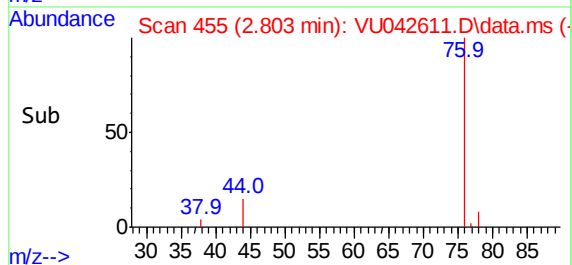
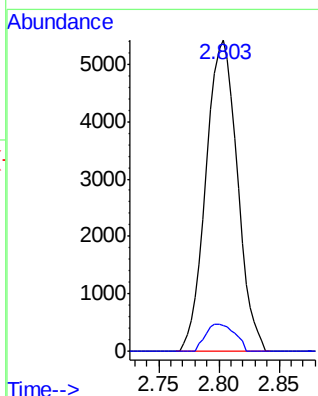
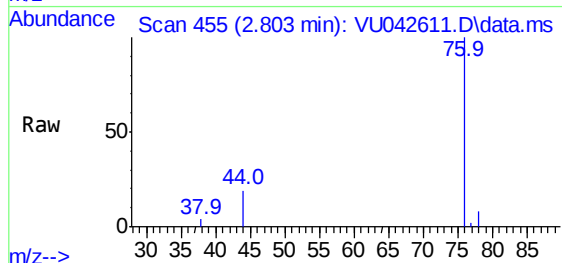




#14
Carbon disulfide
Concen: 0.53 ug/L
RT: 2.803 min Scan# 455
Delta R.T. -0.000 min
Lab File: VU042611.D
Acq: 12 Mar 2021 15:27

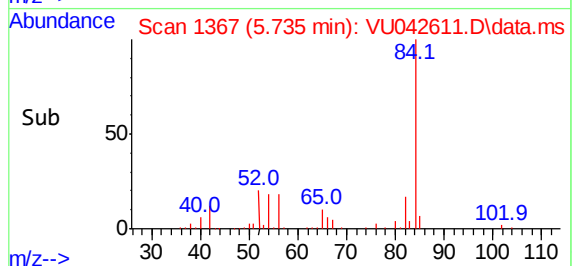
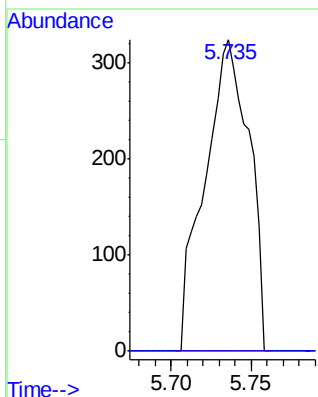
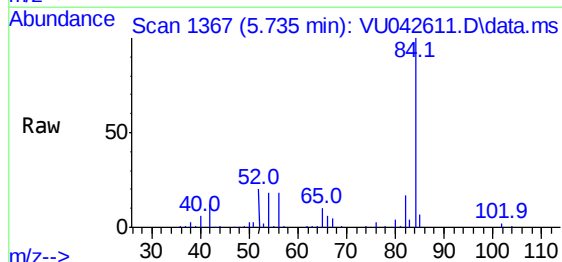
Instrument :
MSVOA_U
ClientSampleId :
C0BE0

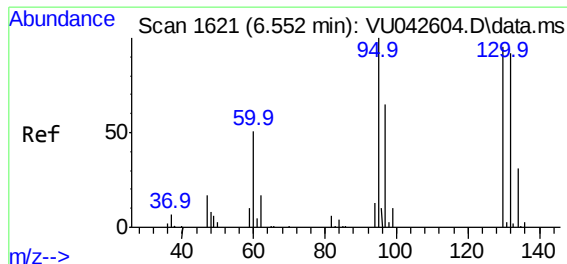
Tgt Ion: 76 Resp: 9573
Ion Ratio Lower Upper
76 100
78 8.2 7.3 10.9



#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.071 min
Lab File: VU042611.D
Acq: 12 Mar 2021 15:27

Tgt Ion: 62 Resp: 613
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



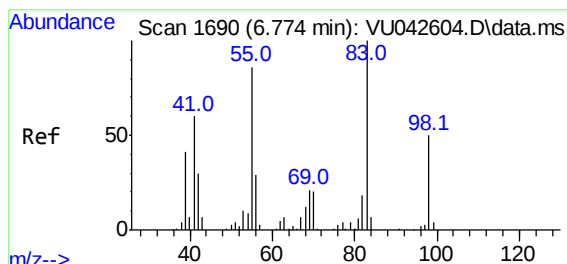
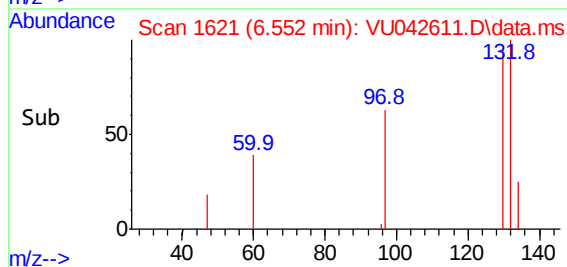
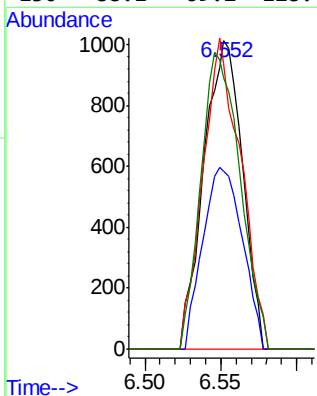
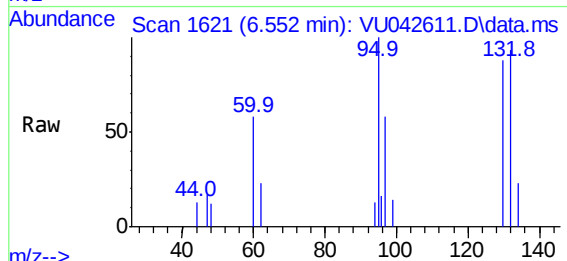


#34
Trichloroethene
Concen: 0.26 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU042611.D
Acq: 12 Mar 2021 15:27

Instrument :
MSVOA_U
ClientSampleId :
C0BE0

Tgt Ion: 95 Resp: 1777

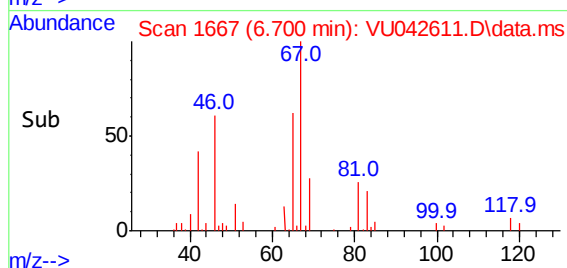
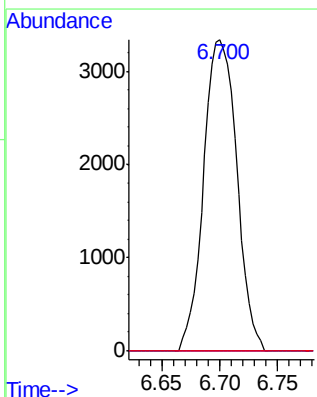
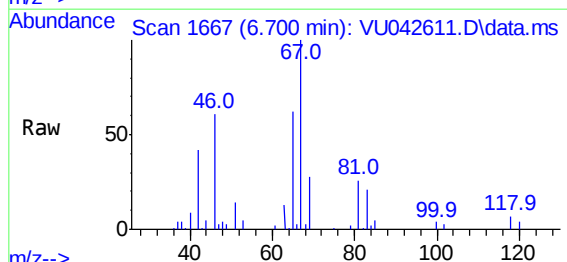
Ion	Ratio	Lower	Upper
95	100		
97	57.9	44.4	82.4
132	92.6	68.0	126.4
130	88.1	69.2	128.4

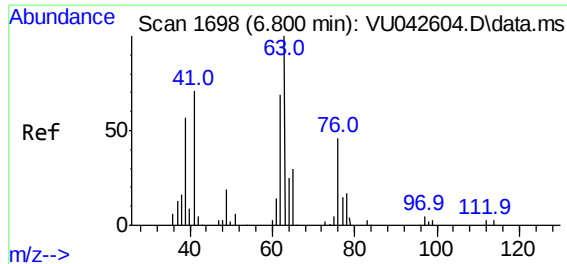


#35
Methylcyclohexane
Concen: 0.64 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042611.D
Acq: 12 Mar 2021 15:27

Tgt Ion: 83 Resp: 6651

Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.2	102.4#
98	0.3	39.7	59.5#

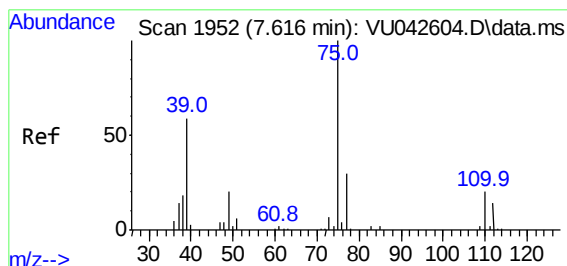
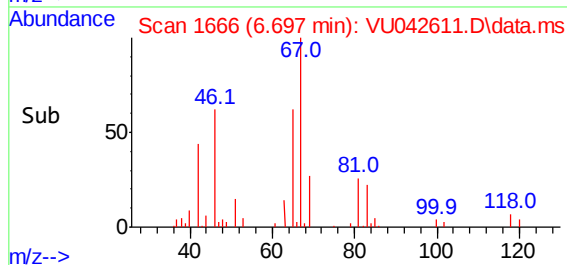
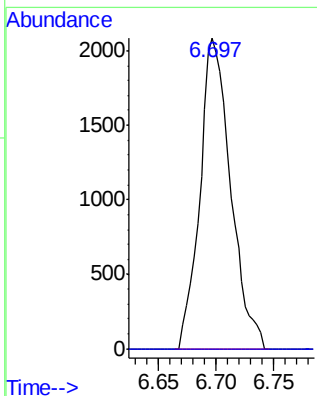
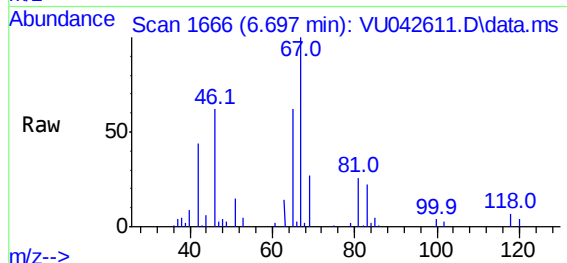




#37
1,2-Dichloropropane
Concen: 0.57 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042611.D
Acq: 12 Mar 2021 15:27

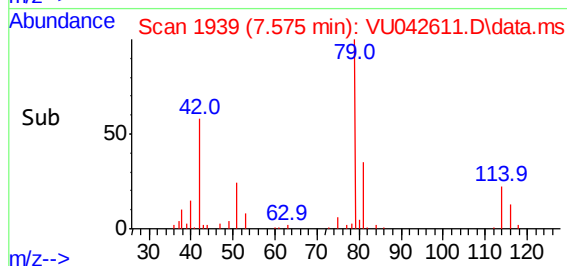
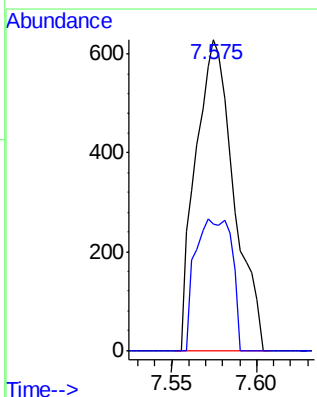
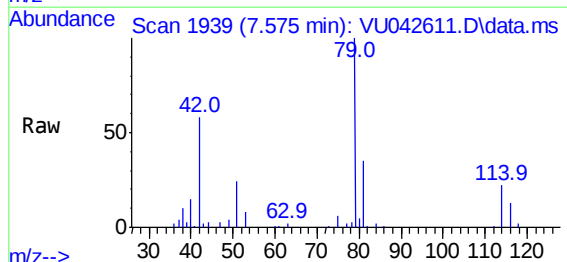
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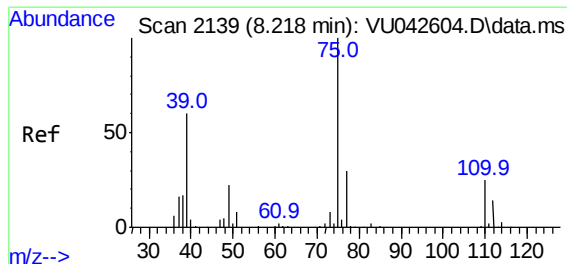
Tgt Ion: 63 Resp: 3847
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042611.D
Acq: 12 Mar 2021 15:27

Tgt Ion: 75 Resp: 983
Ion Ratio Lower Upper
75 100
77 40.7 22.0 40.8

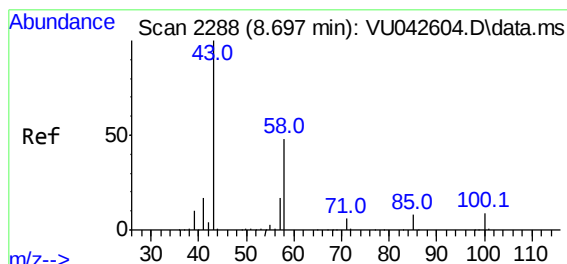
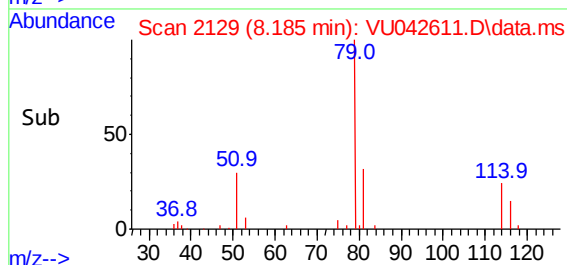
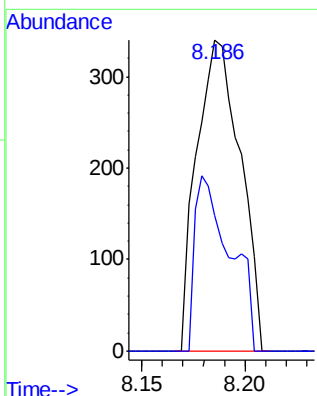
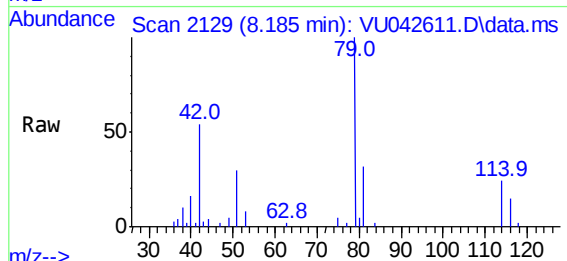




#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.032 min
Lab File: VU042611.D
Acq: 12 Mar 2021 15:27

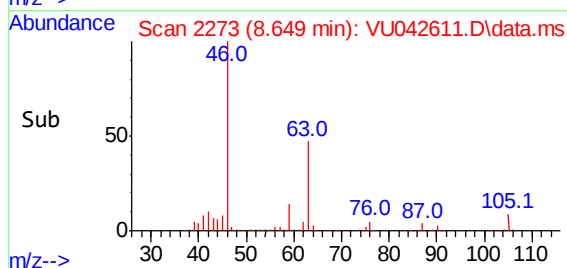
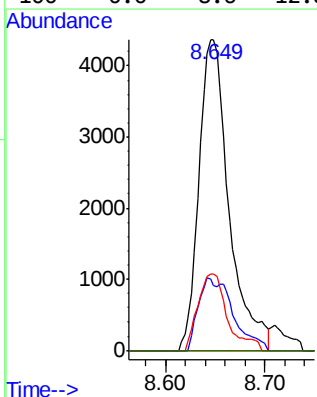
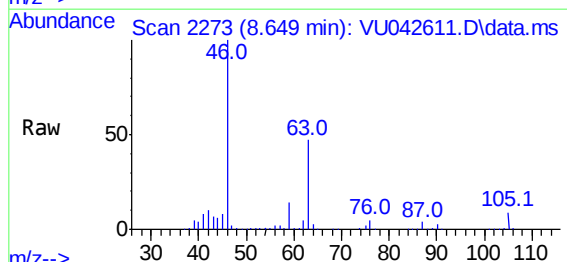
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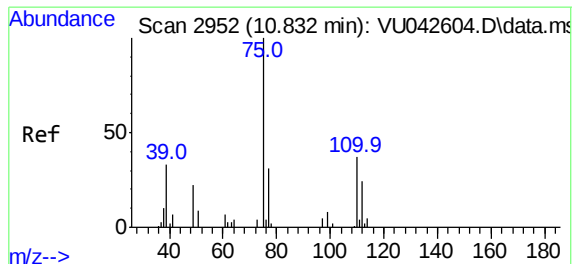
Tgt Ion: 75 Resp: 499
Ion Ratio Lower Upper
75 100
77 43.5 21.8 40.4#



#48
2-Hexanone
Concen: 2.12 ug/L
RT: 8.649 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU042611.D
Acq: 12 Mar 2021 15:27

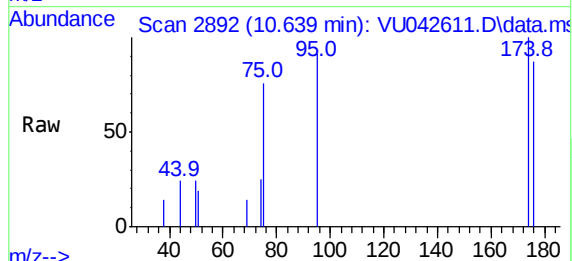
Tgt Ion: 43 Resp: 9140
Ion Ratio Lower Upper
43 100
58 14.2 40.6 61.0#
57 24.0 14.9 22.3#
100 0.0 8.6 12.8#





#59
 1,2,3-Trichloropropane
 Concen: 0.17 ug/L
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU042611.D
 Acq: 12 Mar 2021 15:27

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BE0



Tgt Ion: 75 Resp: 866
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.0 39.0#

