

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031221\
 Data File : VU042591.D
 Acq On : 12 Mar 2021 02:44
 Operator : SY/MD
 Sample : M1654-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B98

Quant Time: Mar 12 05:42:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 12 02:42:43 2021
 Response via : Initial Calibration

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

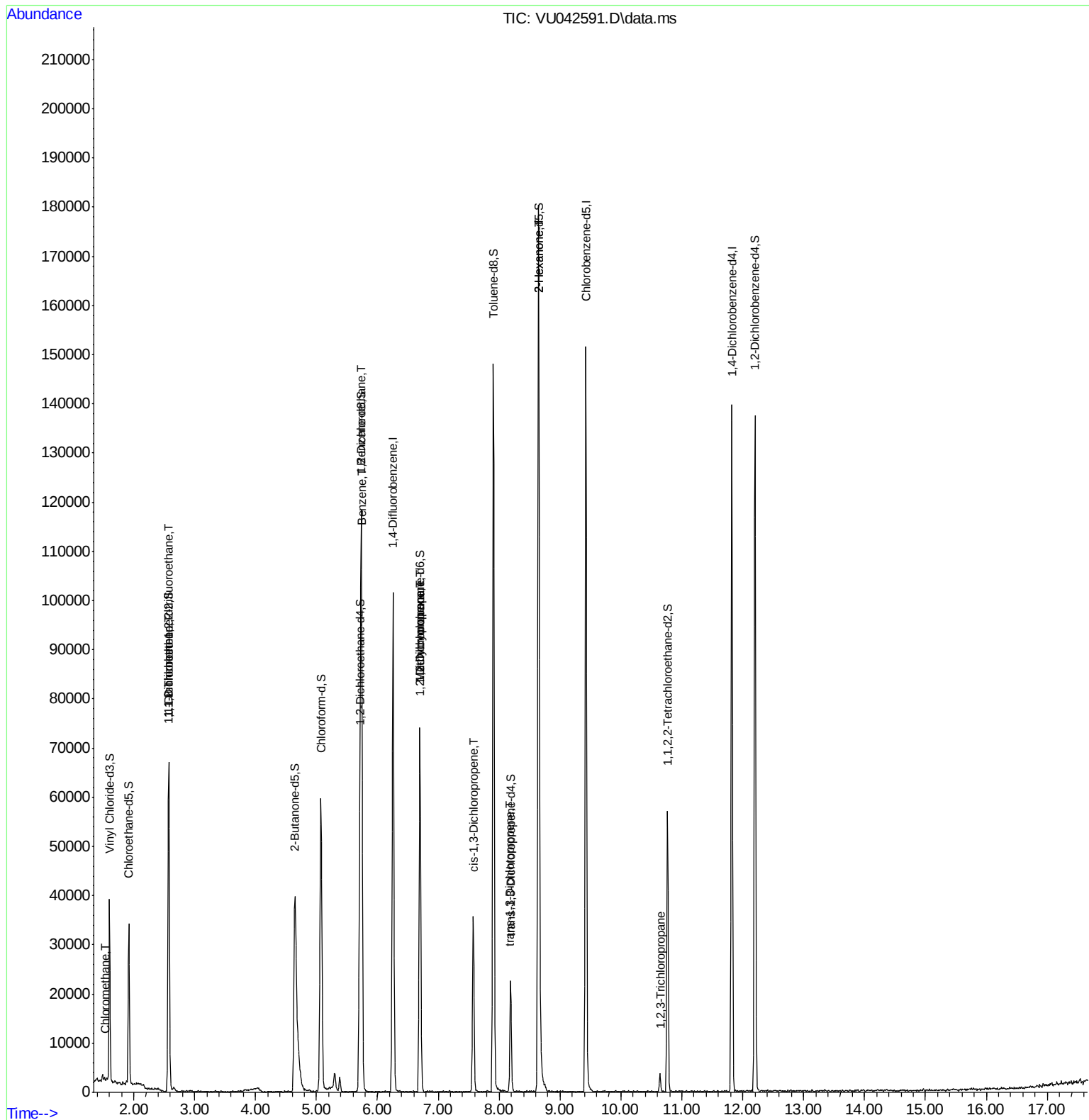
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	79395	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	75995	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	35295	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	25664	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.919	69	22439	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.00%
11) 1,1-Dichloroethene-d2	2.575	63	41094	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	4.645	46	89272	51.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.74%
24) Chloroform-d	5.073	84	53308	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.713	65	35384	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.80%
32) Benzene-d6	5.735	84	98007	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
36) 1,2-Dichloropropane-d6	6.700	67	31706	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	7.906	98	91302	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloroprop...	8.189	79	11888	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.645	63	61121	45.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.92%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	25941	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	12.201	152	35172	5.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.00%
Target Compounds						
3) Chloromethane	1.523	50	527	0.08	ug/L	85
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	417	0.07	ug/L #	18
12) 1,1-Dichloroethene	2.572	96	309	0.06	ug/L #	1
27) 1,2-Dichloroethane	5.732	62	561	0.06	ug/L #	75
33) Benzene	5.742	78	676	0.03	ug/L	100
35) Methylcyclohexane	6.700	83	6979	0.70	ug/L #	14
37) 1,2-Dichloropropane	6.697	63	4052	0.63	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	1050	0.11	ug/L #	68
44) trans-1,3-Dichloropropene	8.182	75	352	0.04	ug/L	94
48) 2-Hexanone	8.645	43	10263	2.49	ug/L #	69
59) 1,2,3-Trichloropropane	10.642	75	762	0.16	ug/L #	42

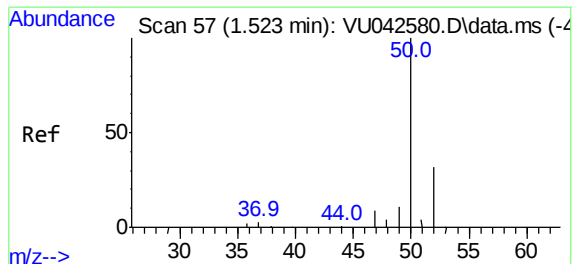
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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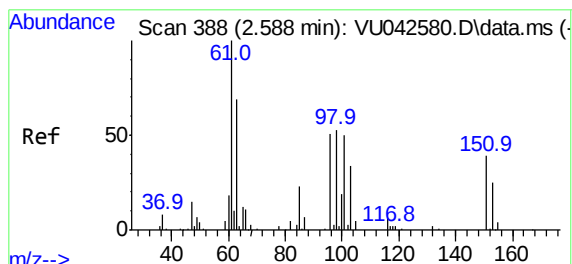
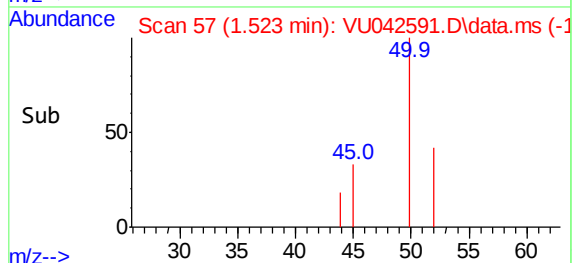
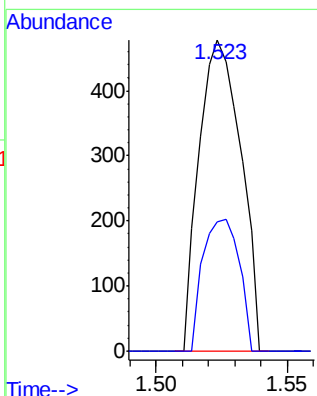
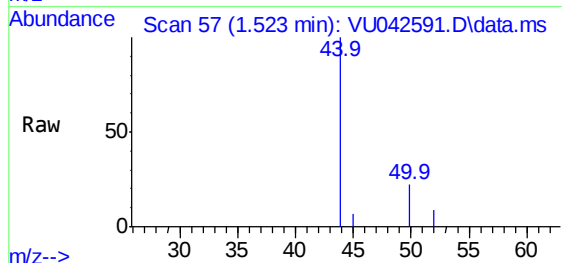




#3
Chloromethane
Concen: 0.08 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042591.D
Acq: 12 Mar 2021 02:44

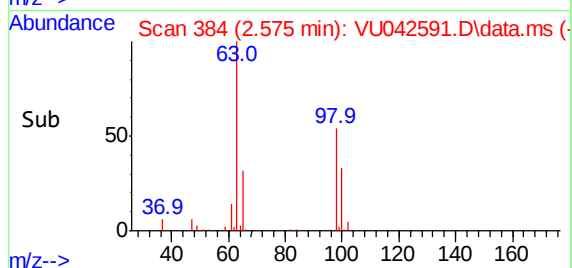
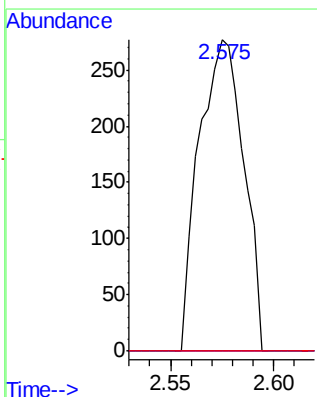
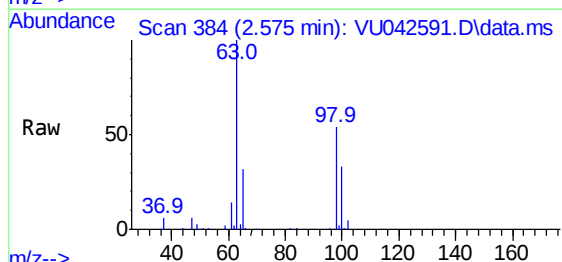
Instrument :
MSVOA_U
ClientSampleId :
C0B98

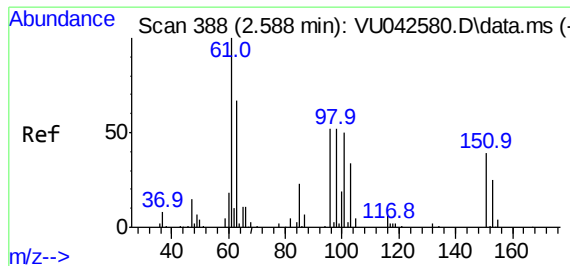
Tgt Ion: 50 Resp: 527
Ion Ratio Lower Upper
50 100
52 41.6 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.07 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU042591.D
Acq: 12 Mar 2021 02:44

Tgt Ion: 101 Resp: 417
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

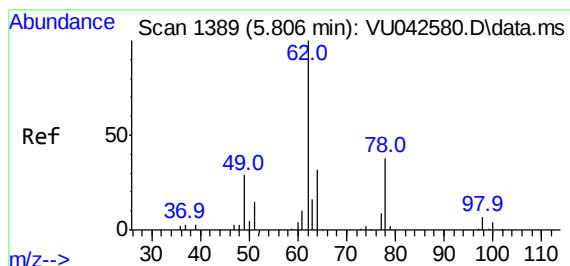
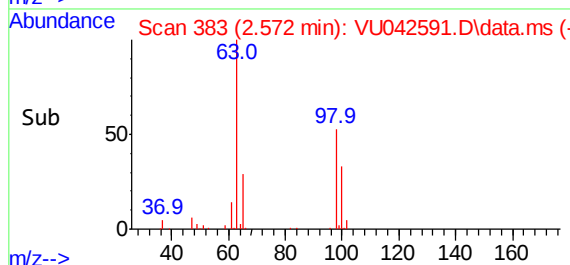
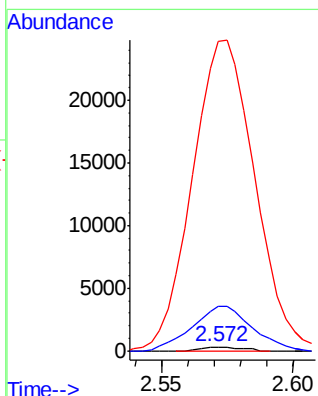
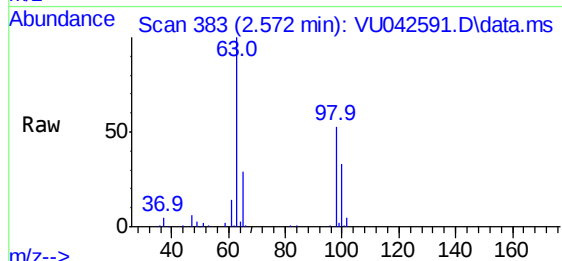




#12
1,1-Dichloroethene
Concen: 0.06 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU042591.D
Acq: 12 Mar 2021 02:44

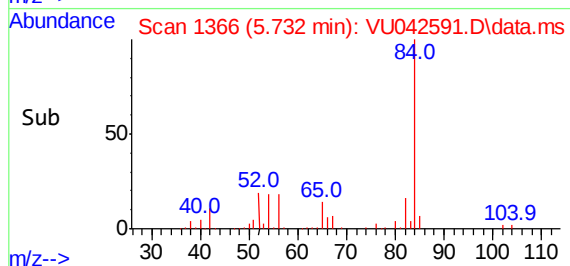
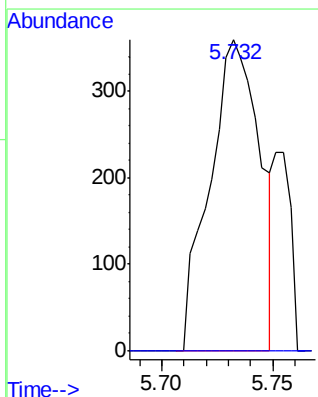
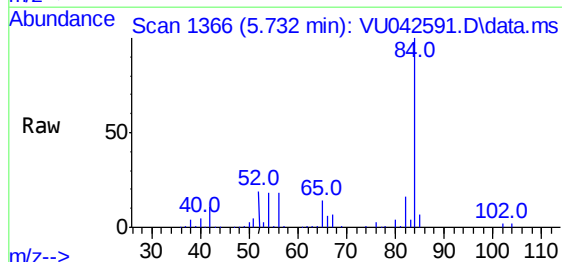
Instrument :
MSVOA_U
ClientSampleId :
C0B98

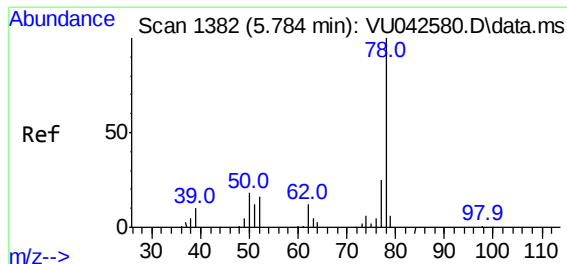
Tgt Ion: 96 Resp: 309
Ion Ratio Lower Upper
96 100
61 1261.6 126.2 234.4#
63 8794.3 77.8 144.4#



#27
1,2-Dichloroethane
Concen: 0.06 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.074 min
Lab File: VU042591.D
Acq: 12 Mar 2021 02:44

Tgt Ion: 62 Resp: 561
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

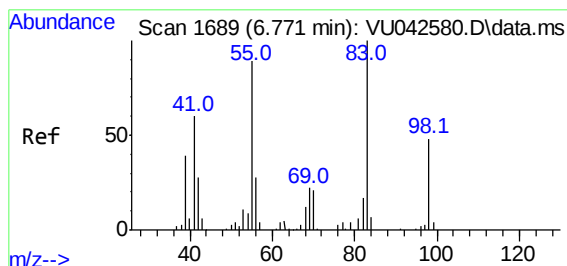
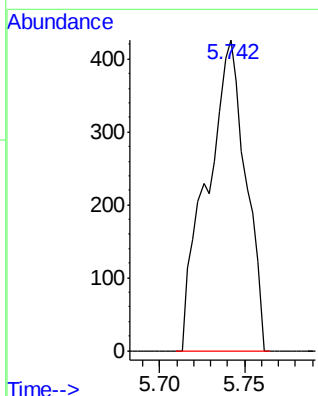
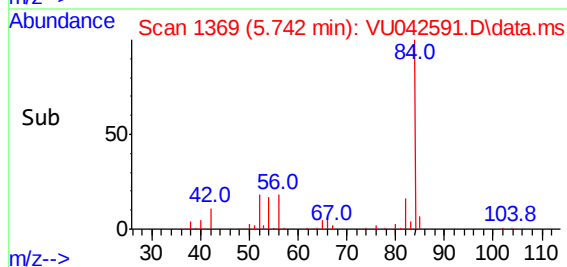
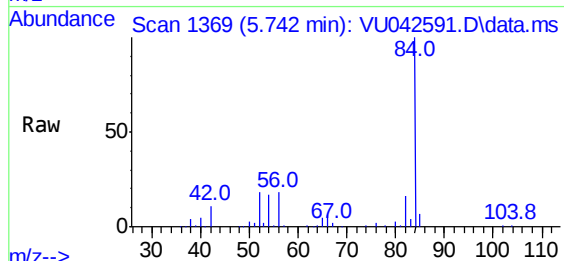




#33
Benzene
Concen: 0.03 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.042 min
Lab File: VU042591.D
Acq: 12 Mar 2021 02:44

Instrument :
MSVOA_U
ClientSampleId :
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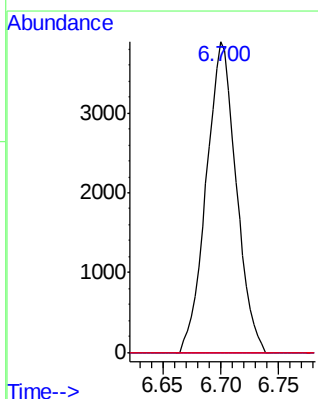
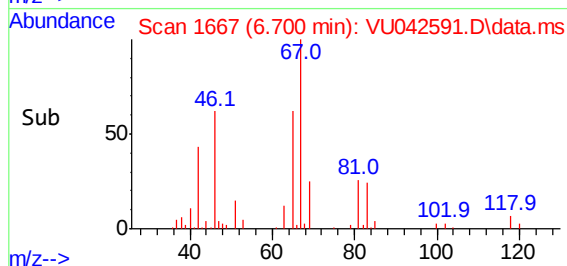
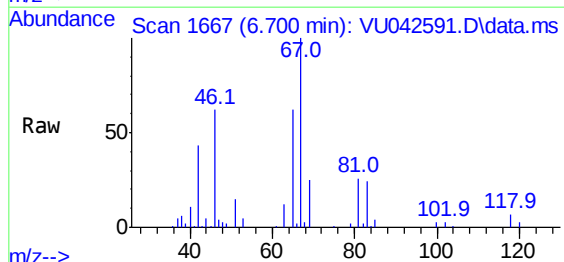
Tgt Ion: 78 Resp: 676

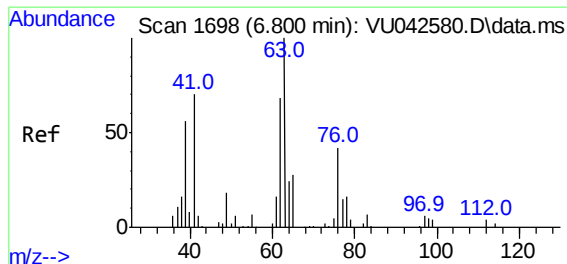


#35
Methylcyclohexane
Concen: 0.70 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042591.D
Acq: 12 Mar 2021 02:44

Tgt Ion: 83 Resp: 6979

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

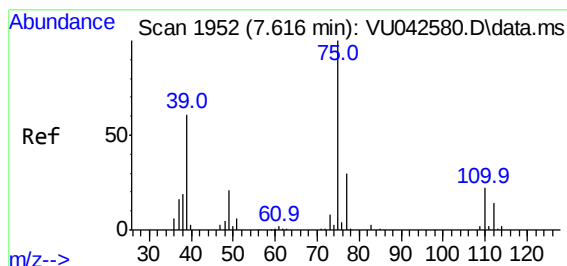
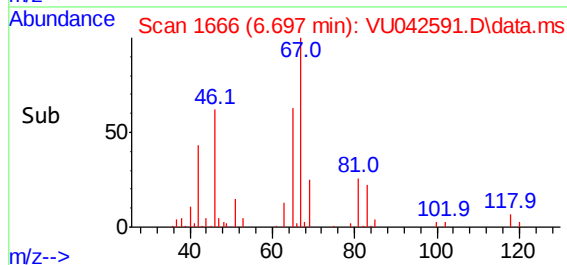
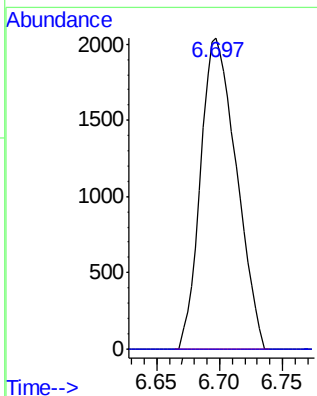
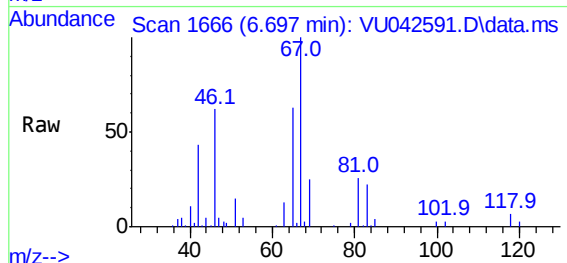




#37
1,2-Dichloropropane
Concen: 0.63 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042591.D
Acq: 12 Mar 2021 02:44

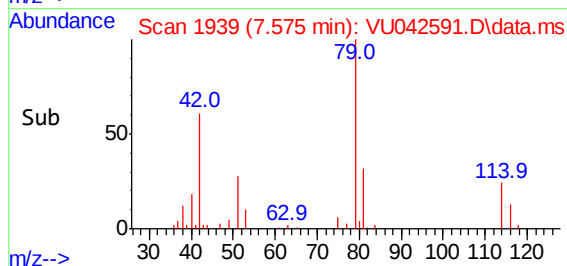
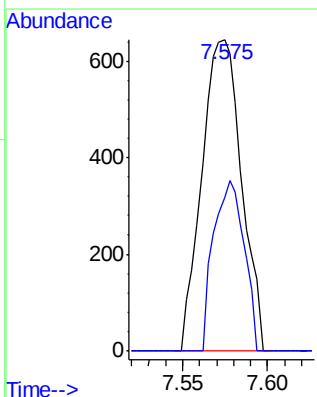
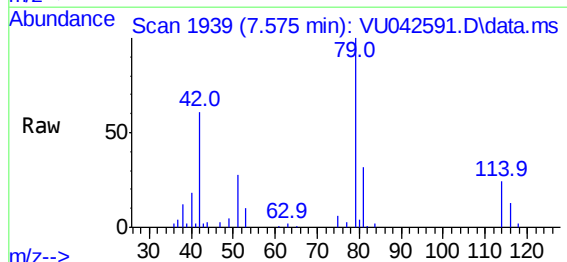
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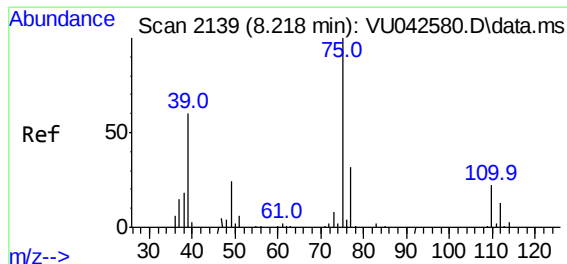
Tgt Ion: 63 Resp: 4052
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042591.D
Acq: 12 Mar 2021 02:44

Tgt Ion: 75 Resp: 1050
Ion Ratio Lower Upper
75 100
77 49.3 22.0 40.8#

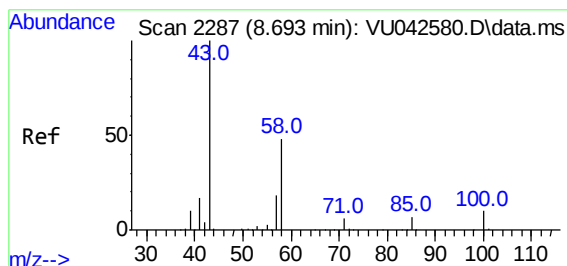
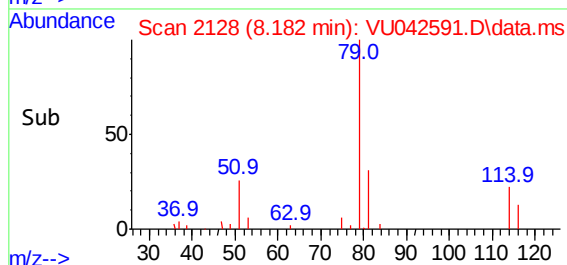
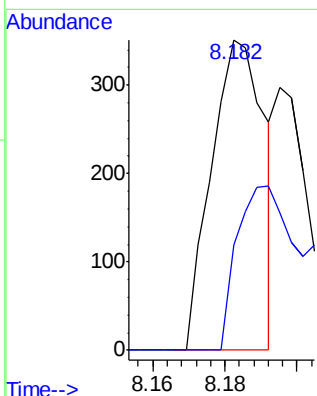
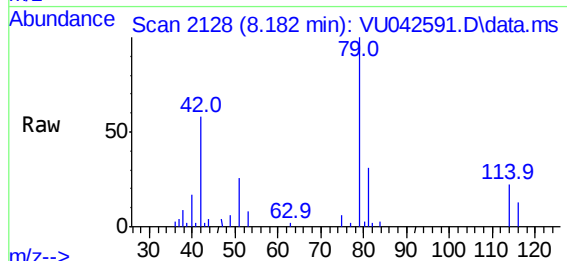




#44
trans-1,3-Dichloropropene
Concen: 0.04 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.035 min
Lab File: VU042591.D
Acq: 12 Mar 2021 02:44

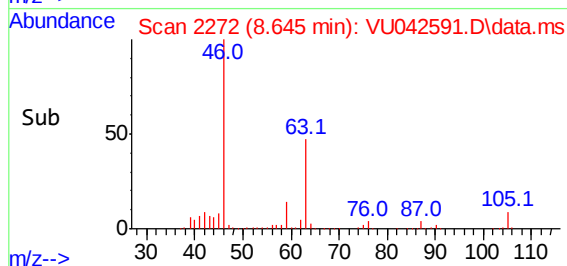
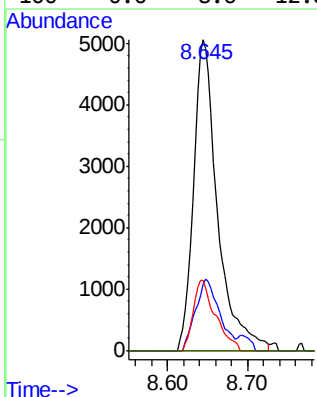
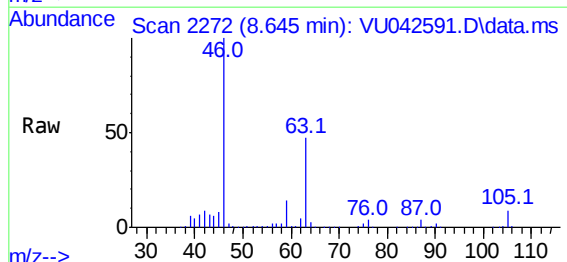
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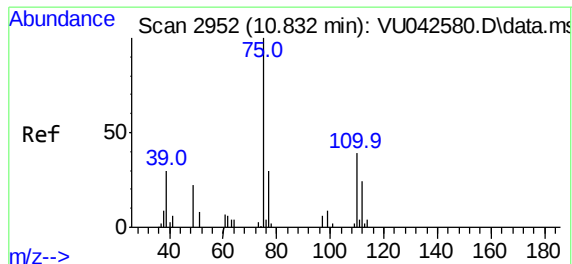
Tgt Ion: 75 Resp: 352
Ion Ratio Lower Upper
75 100
77 34.2 21.8 40.4



#48
2-Hexanone
Concen: 2.49 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU042591.D
Acq: 12 Mar 2021 02:44

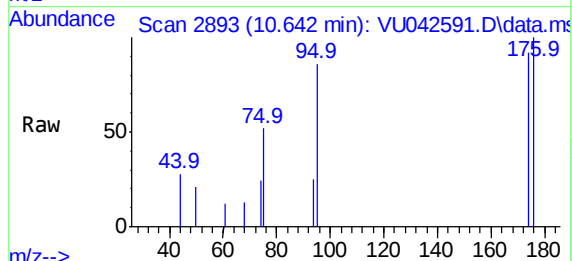
Tgt Ion: 43 Resp: 10263
Ion Ratio Lower Upper
43 100
58 22.7 40.6 61.0#
57 20.8 14.9 22.3
100 0.0 8.6 12.8#





#59
 1,2,3-Trichloropropane
 Concen: 0.16 ug/L
 RT: 10.642 min Scan# 2893
 Delta R.T. -0.190 min
 Lab File: VU042591.D
 Acq: 12 Mar 2021 02:44

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion: 75 Resp: 762
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.0 39.0#

