

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031221\
 Data File : VU042592.D
 Acq On : 12 Mar 2021 03:08
 Operator : SY/MD
 Sample : M1654-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BB5

Quant Time: Mar 12 05:42:54 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)

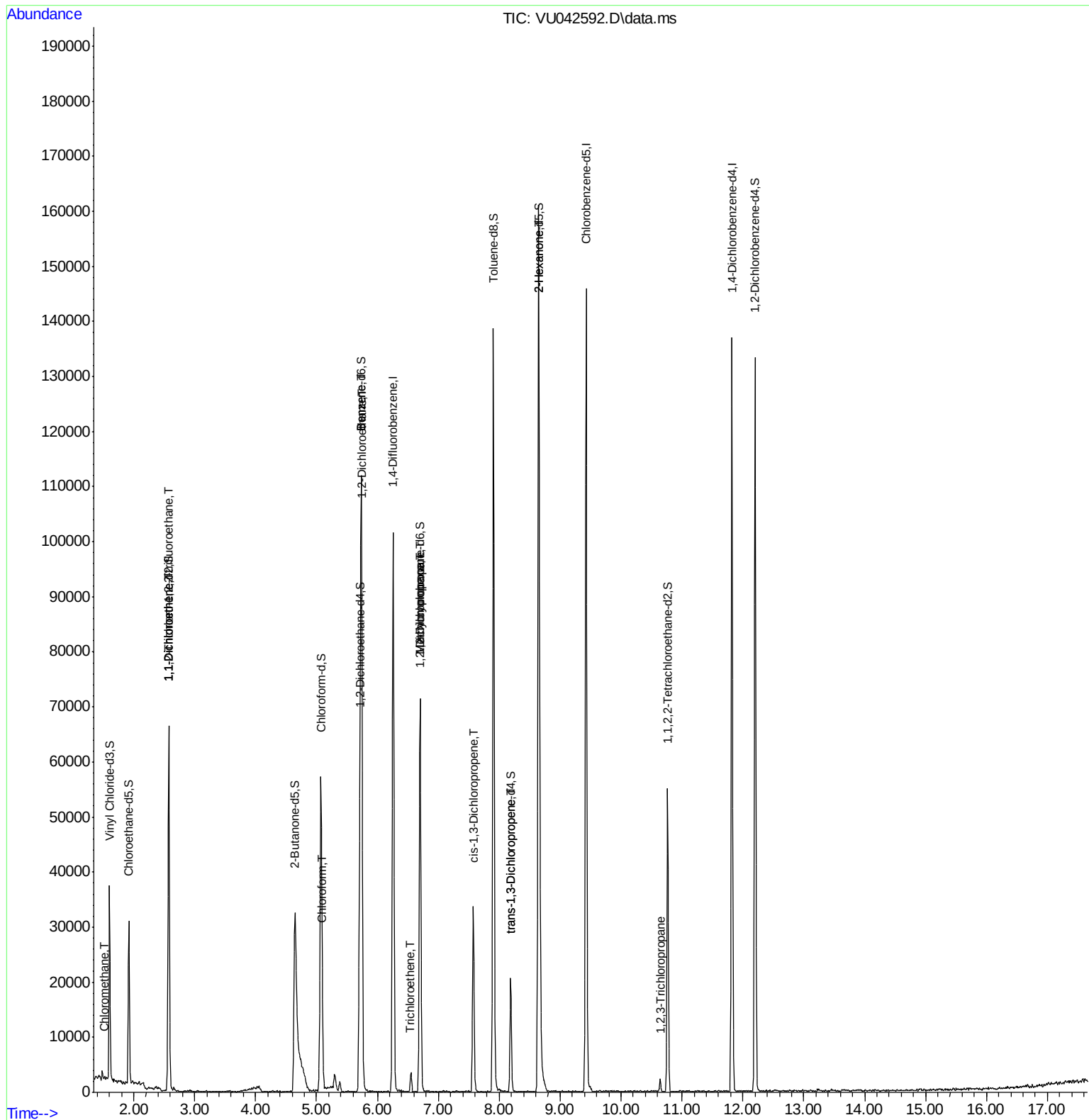
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	78175	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	76113	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	34922	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	24418	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.919	69	19834	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.575	63	40682	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	4.649	46	76196	44.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.06%
24) Chloroform-d	5.073	84	50725	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.713	65	34009	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
32) Benzene-d6	5.735	84	92211	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.700	67	30111	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.906	98	84842	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloroprop...	8.189	79	11142	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.645	63	57487	42.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.38%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	24794	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	12.201	152	32686	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%
Target Compounds						
3) Chloromethane	1.520	50	352	0.05	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	340	0.06	ug/L #	18
12) 1,1-Dichloroethene	2.575	96	312	0.06	ug/L #	1
25) Chloroform	5.096	83	2475	0.21	ug/L	90
27) 1,2-Dichloroethane	5.742	62	654	0.07	ug/L #	75
33) Benzene	5.735	78	677	0.03	ug/L	100
34) Trichloroethene	6.542	95	1113	0.17	ug/L #	67
35) Methylcyclohexane	6.700	83	6975	0.69	ug/L #	15
37) 1,2-Dichloropropane	6.697	63	3781	0.59	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	834	0.09	ug/L #	34
44) trans-1,3-Dichloropropene	8.189	75	512	0.06	ug/L	95
48) 2-Hexanone	8.648	43	9065	2.19	ug/L #	72
59) 1,2,3-Trichloropropane	10.642	75	423	0.09	ug/L #	42

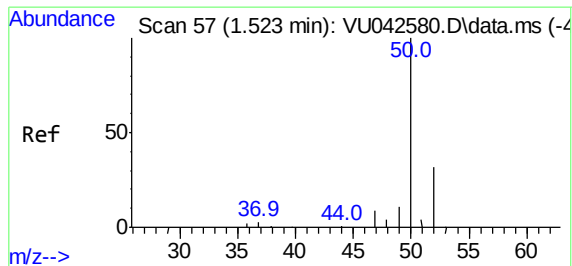
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.05 ug/L

RT: 1.520 min Scan# 56

Delta R.T. -0.003 min

Lab File: VU042592.D

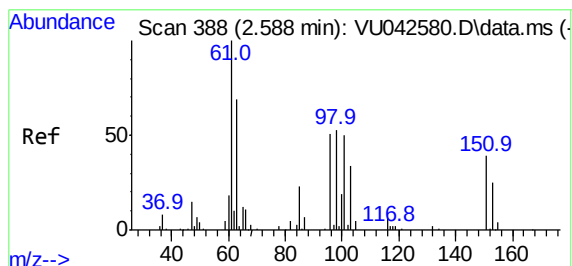
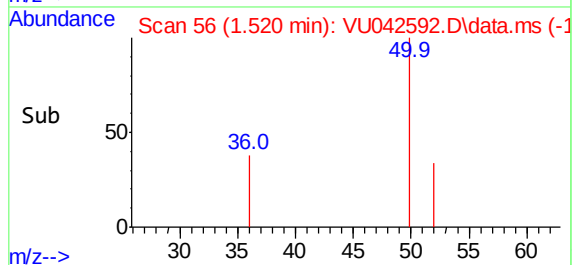
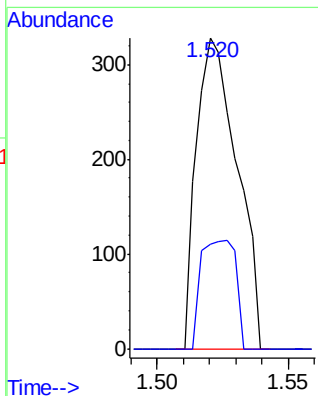
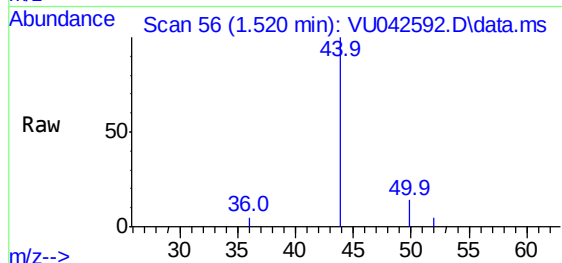
Acq: 12 Mar 2021 03:08

Tgt Ion: 50 Resp: 352

Ion Ratio Lower Upper

50 100

52 33.5 23.0 42.8



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.06 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.013 min

Lab File: VU042592.D

Acq: 12 Mar 2021 03:08

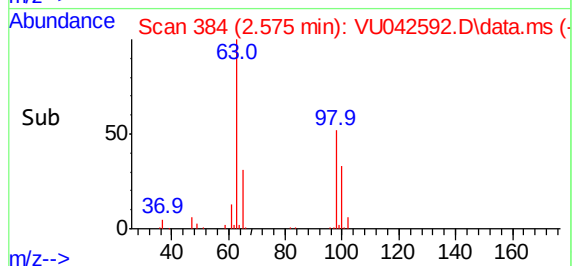
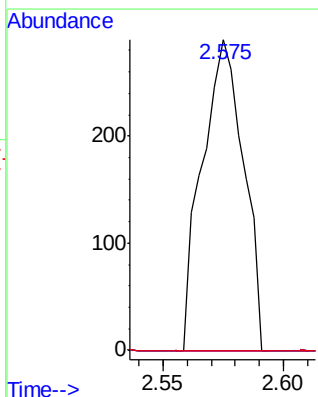
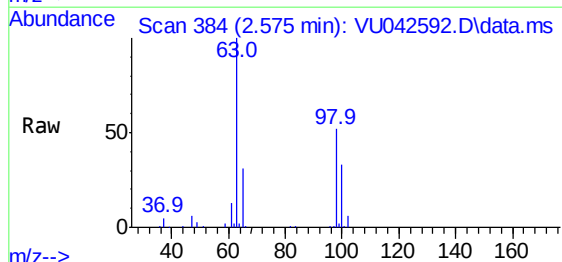
Tgt Ion: 101 Resp: 340

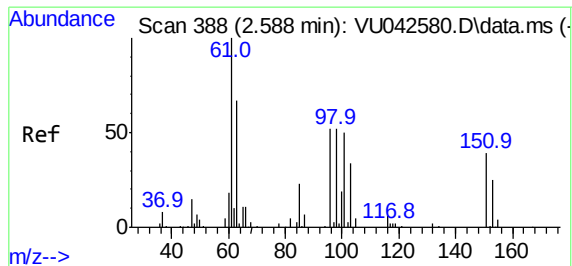
Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

151 0.0 62.7 94.1#

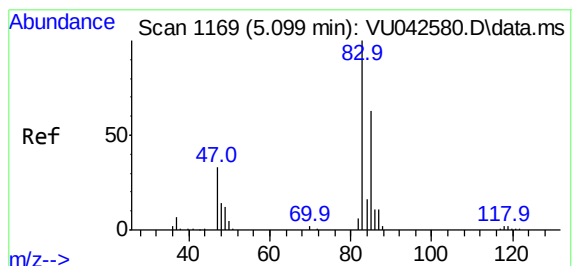
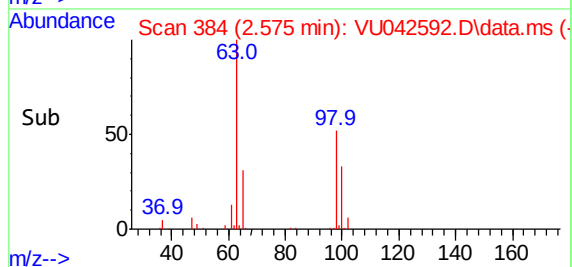
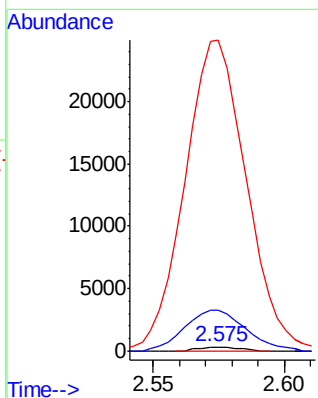
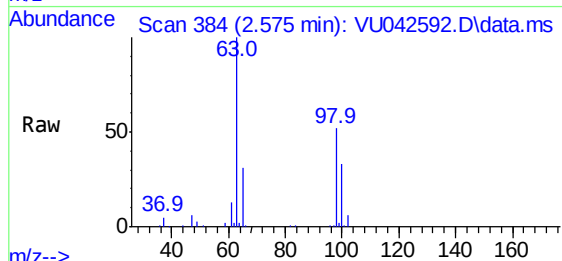




#12
1,1-Dichloroethene
Concen: 0.06 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU042592.D
Acq: 12 Mar 2021 03:08

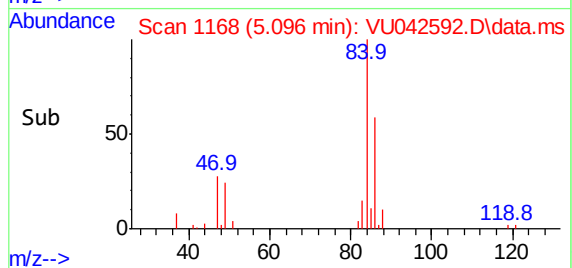
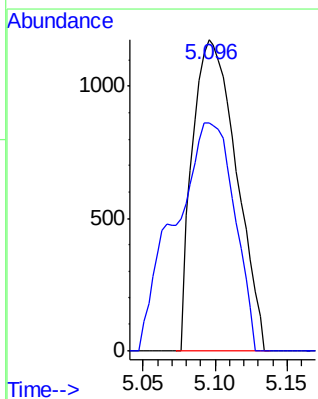
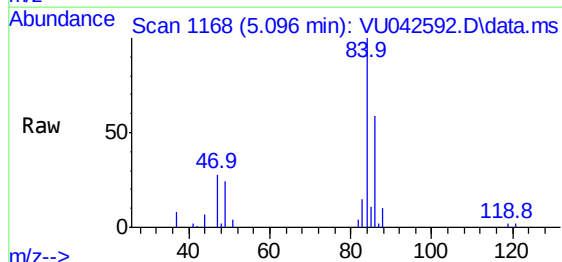
Instrument :
MSVOA_U
ClientSampleId :
C0BB5

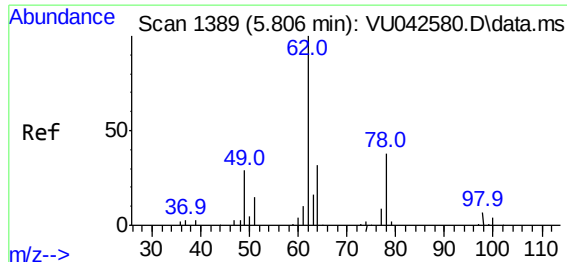
Tgt Ion: 96 Resp: 312
Ion Ratio Lower Upper
96 100
61 1132.9 126.2 234.4#
63 8718.9 77.8 144.4#



#25
Chloroform
Concen: 0.21 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU042592.D
Acq: 12 Mar 2021 03:08

Tgt Ion: 83 Resp: 2475
Ion Ratio Lower Upper
83 100
85 73.1 45.7 84.9

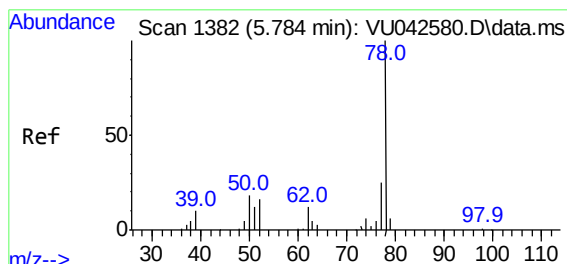
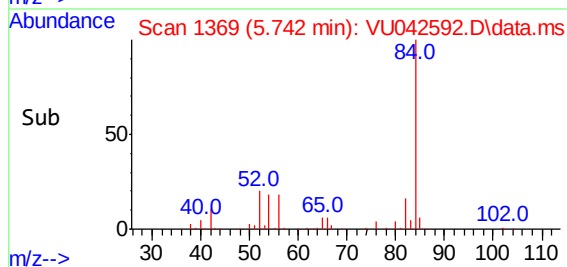
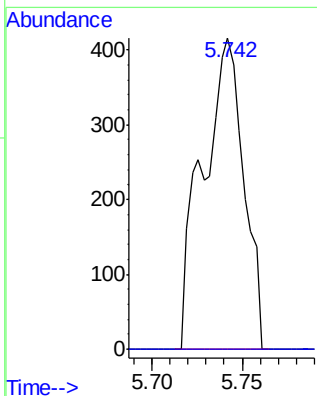
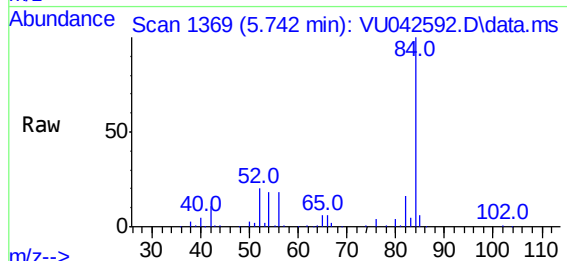




#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.064 min
Lab File: VU042592.D
Acq: 12 Mar 2021 03:08

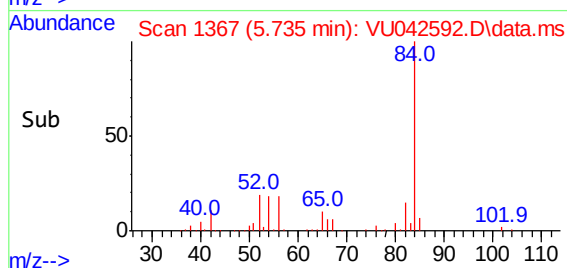
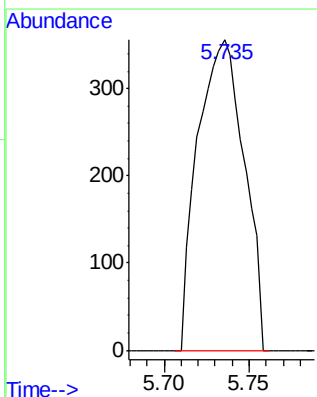
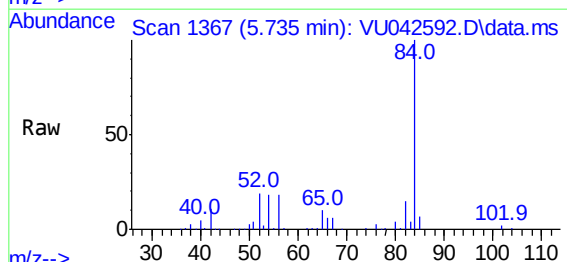
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ClientSampleId :
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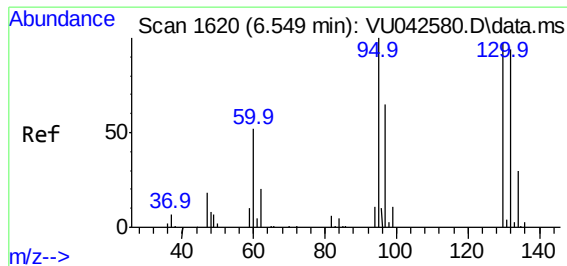
Tgt Ion: 62 Resp: 654
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#33
Benzene
Concen: 0.03 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.048 min
Lab File: VU042592.D
Acq: 12 Mar 2021 03:08

Tgt Ion: 78 Resp: 677

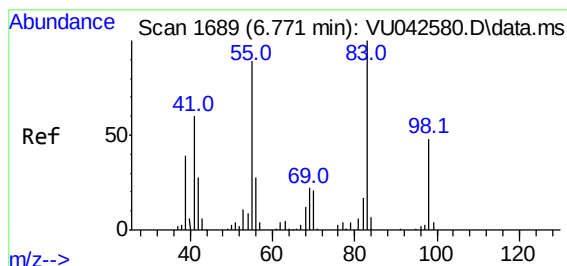
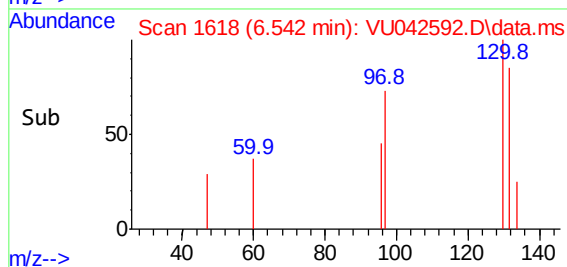
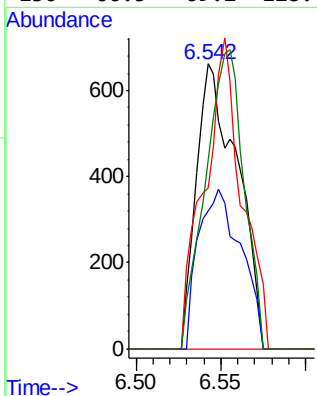
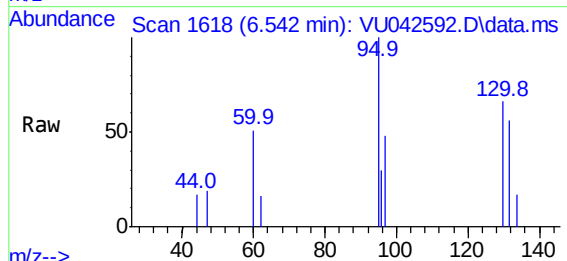




#34
Trichloroethene
Concen: 0.17 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.006 min
Lab File: VU042592.D
Acq: 12 Mar 2021 03:08

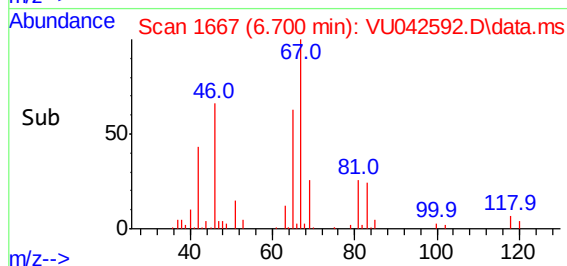
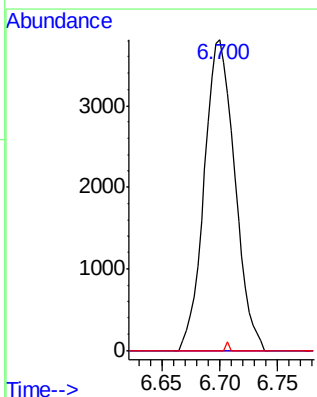
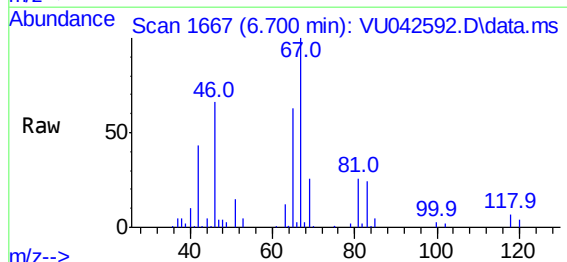
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ClientSampleId :
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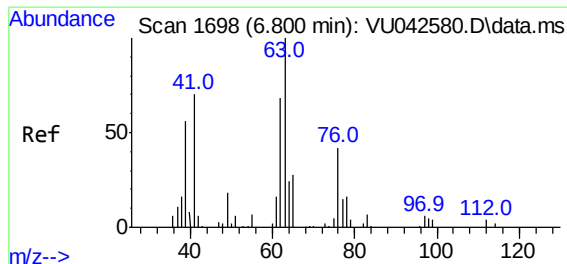
Tgt Ion: 95 Resp: 1113
Ion Ratio Lower Upper
95 100
97 48.5 44.4 82.4
132 56.5 68.0 126.4#
130 66.5 69.2 128.4#



#35
Methylcyclohexane
Concen: 0.69 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042592.D
Acq: 12 Mar 2021 03:08

Tgt Ion: 83 Resp: 6975
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.3 39.7 59.5#

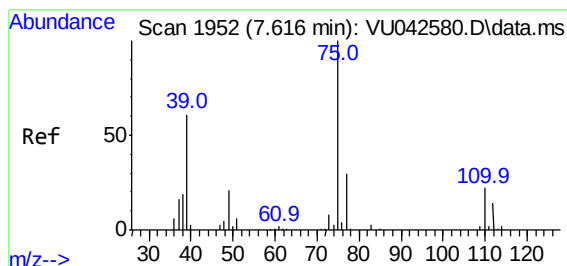
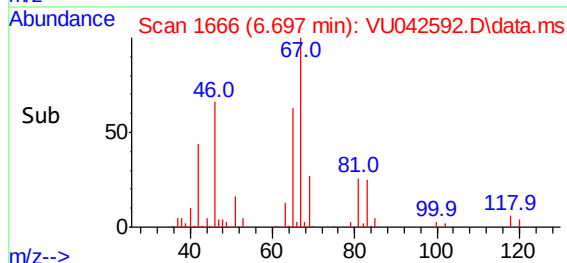
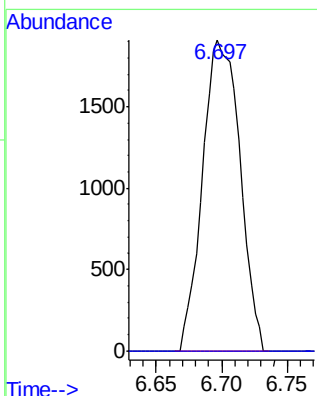
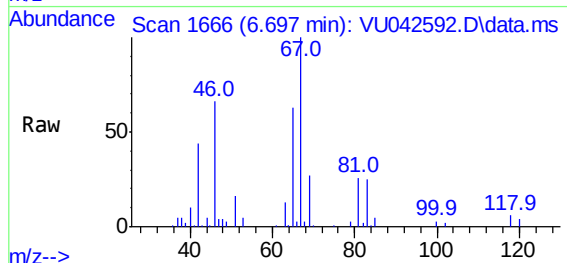




#37
1,2-Dichloropropane
Concen: 0.59 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042592.D
Acq: 12 Mar 2021 03:08

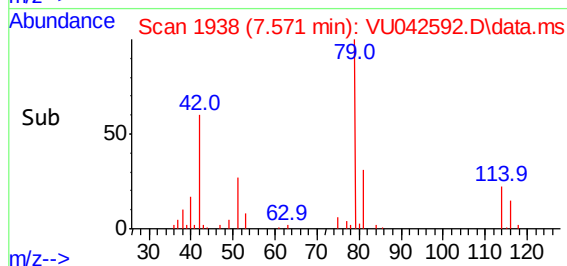
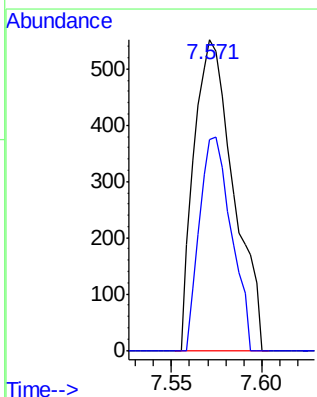
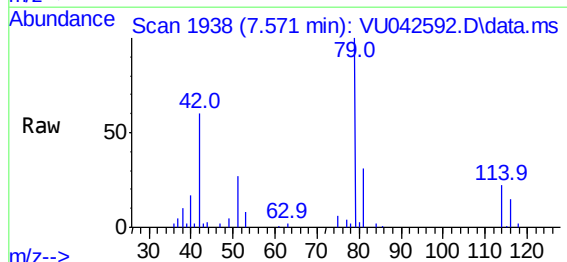
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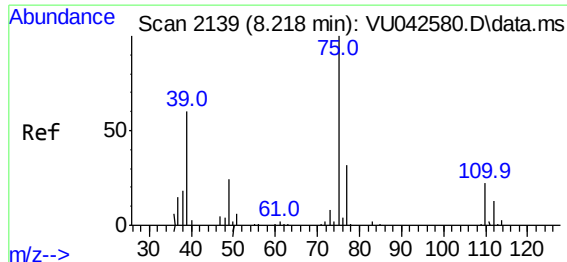
Tgt Ion: 63 Resp: 3781
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042592.D
Acq: 12 Mar 2021 03:08

Tgt Ion: 75 Resp: 834
Ion Ratio Lower Upper
75 100
77 67.9 22.0 40.8#



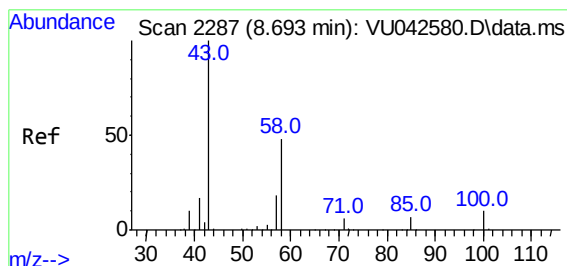
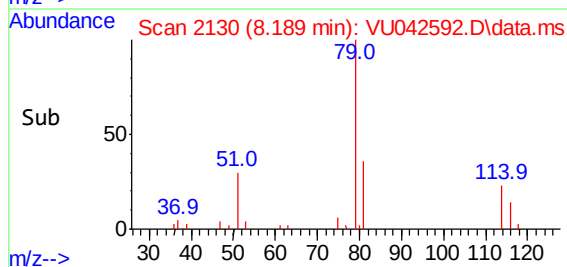
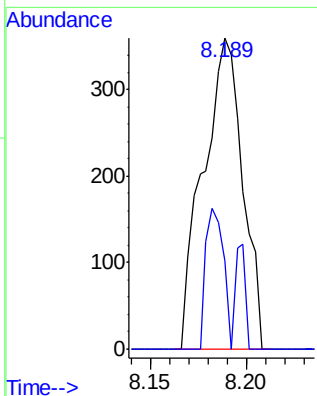
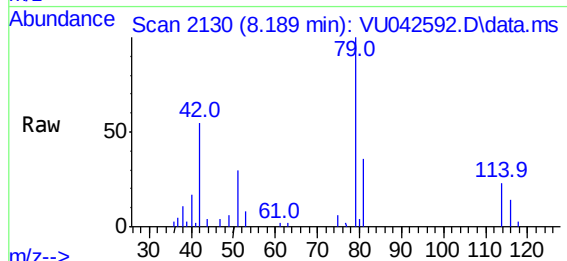


#44

trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042592.D
Acq: 12 Mar 2021 03:08

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MSVOA_U
ClientSampled :
C0BB5

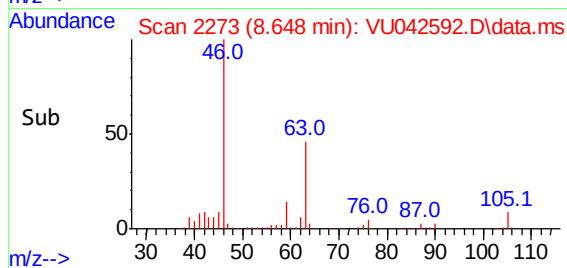
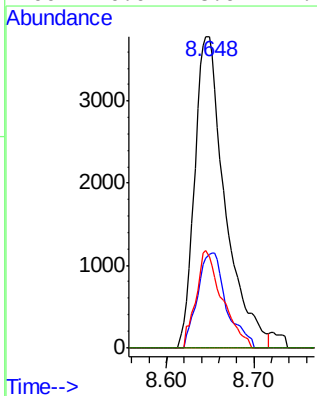
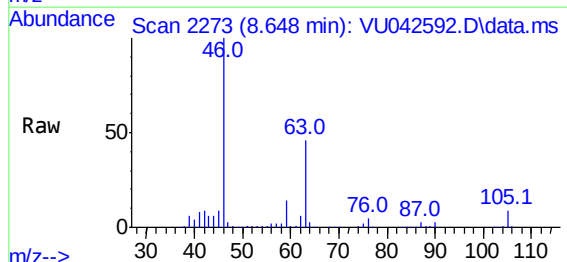
Tgt Ion: 75 Resp: 512
Ion Ratio Lower Upper
75 100
77 28.3 21.8 40.4

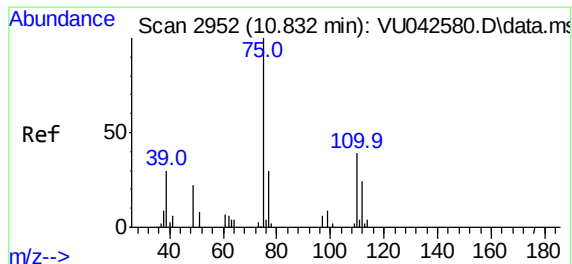


#48

2-Hexanone
Concen: 2.19 ug/L
RT: 8.648 min Scan# 2273
Delta R.T. -0.045 min
Lab File: VU042592.D
Acq: 12 Mar 2021 03:08

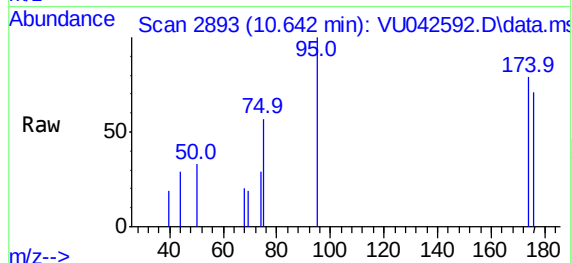
Tgt Ion: 43 Resp: 9065
Ion Ratio Lower Upper
43 100
58 28.7 40.6 61.0#
57 26.9 14.9 22.3#
100 0.0 8.6 12.8#





#59
 1,2,3-Trichloropropane
 Concen: 0.09 ug/L
 RT: 10.642 min Scan# 2893
 Delta R.T. -0.190 min
 Lab File: VU042592.D
 Acq: 12 Mar 2021 03:08

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BB5



Tgt Ion: 75 Resp: 423
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.0 39.0#

