

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031221\
 Data File : VU042593.D
 Acq On : 12 Mar 2021 03:32
 Operator : SY/MD
 Sample : M1654-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BB7

Quant Time: Mar 12 05:43:15 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)

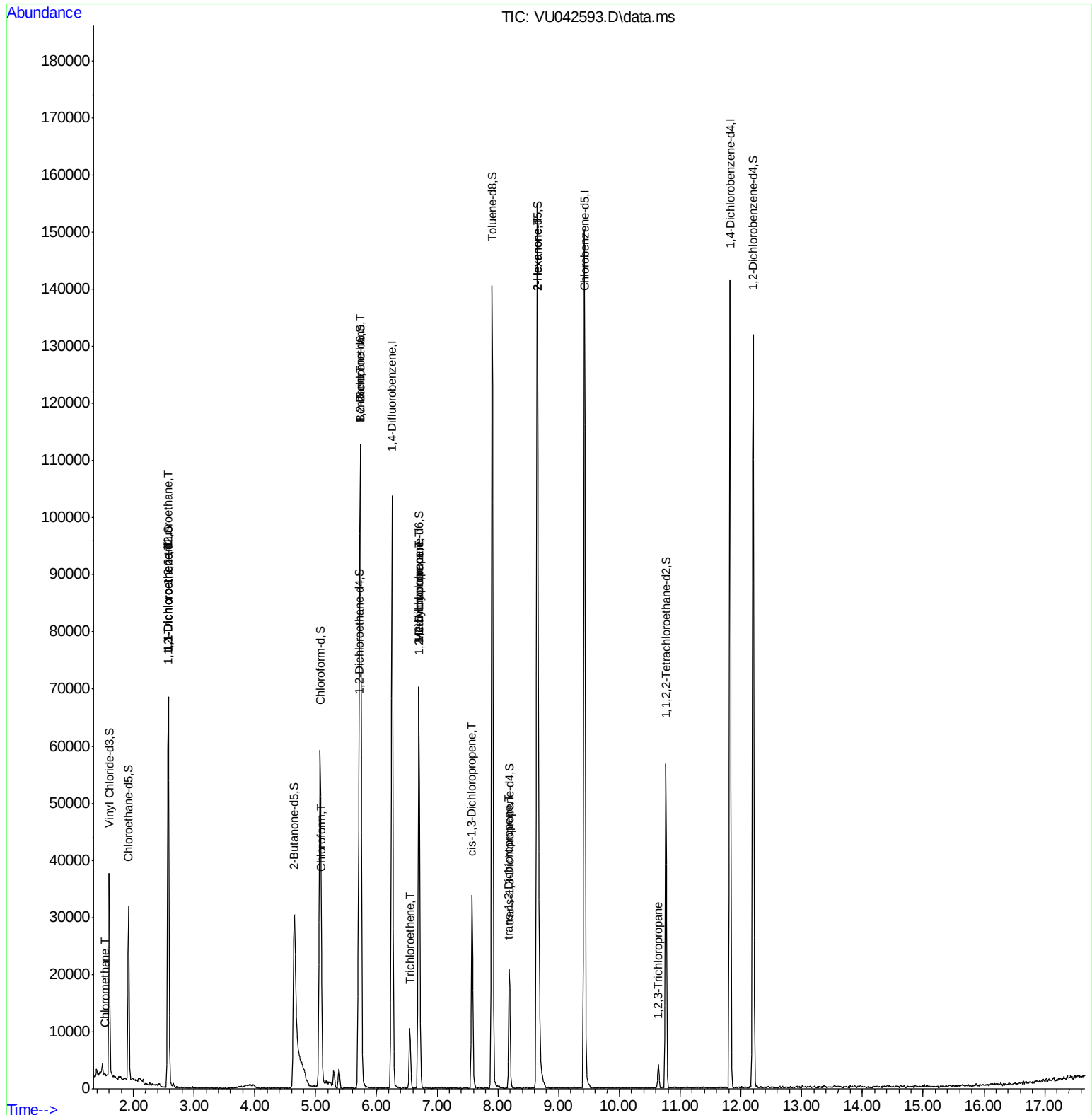
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	80713	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	77741	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	34784	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	24629	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.919	69	20211	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.575	63	42112	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	4.649	46	72029	40.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.54%
24) Chloroform-d	5.073	84	49626	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.713	65	33439	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.735	84	91074	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.700	67	30007	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.906	98	88895	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloroprop...	8.189	79	11190	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
46) 2-Hexanone-d5	8.645	63	58978	42.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.76%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	25788	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	32804	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%
Target Compounds						
3) Chloromethane	1.523	50	504	0.07	ug/L	88
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	409	0.07	ug/L #	18
12) 1,1-Dichloroethene	2.575	96	310	0.05	ug/L #	1
25) Chloroform	5.092	83	1795	0.15	ug/L	93
27) 1,2-Dichloroethane	5.739	62	699	0.08	ug/L #	75
33) Benzene	5.739	78	719	0.03	ug/L	100
34) Trichloroethene	6.552	95	3599	0.53	ug/L	88
35) Methylcyclohexane	6.700	83	7031	0.69	ug/L #	14
37) 1,2-Dichloropropane	6.697	63	3645	0.56	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1009	0.11	ug/L #	64
44) trans-1,3-Dichloropropene	8.182	75	536	0.06	ug/L	94
48) 2-Hexanone	8.645	43	10068	2.38	ug/L #	71
59) 1,2,3-Trichloropropane	10.639	75	951	0.19	ug/L #	42

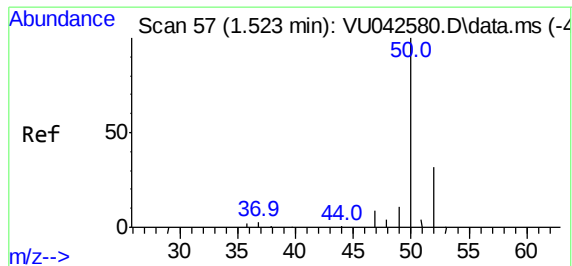
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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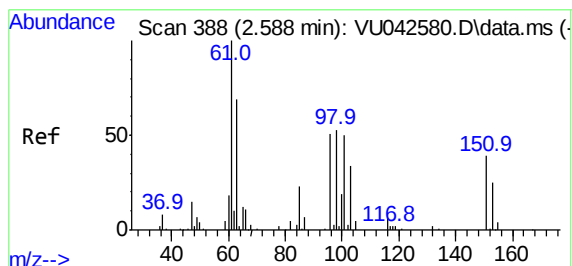
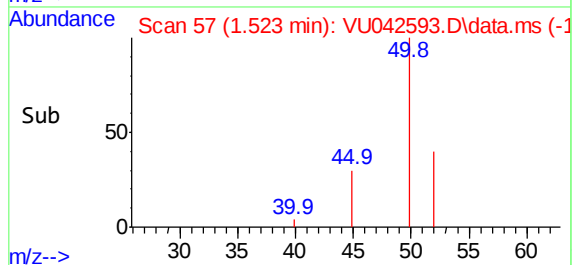
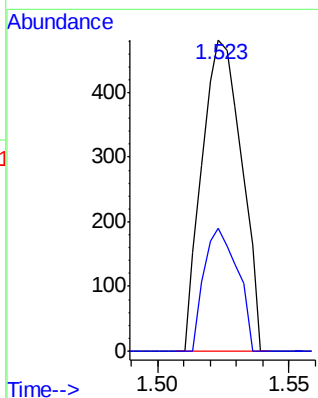
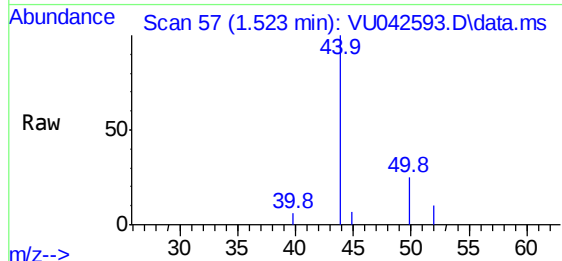




#3
Chloromethane
Concen: 0.07 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042593.D
Acq: 12 Mar 2021 03:32

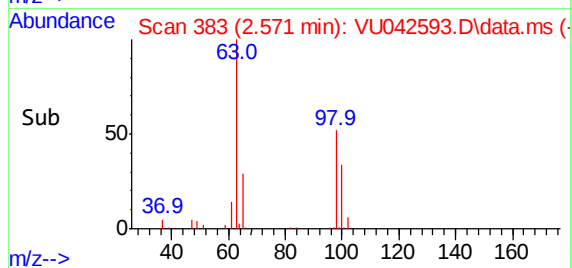
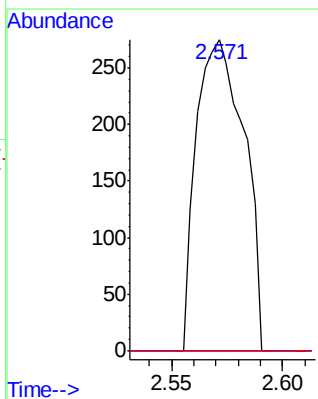
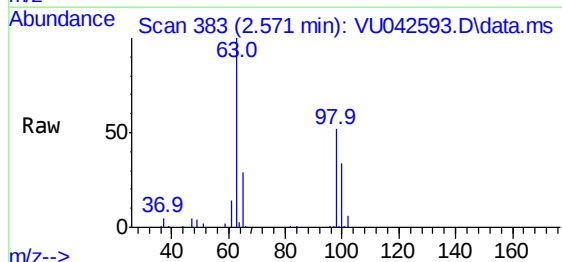
Instrument :
MSVOA_U
ClientSampleId :
C0BB7

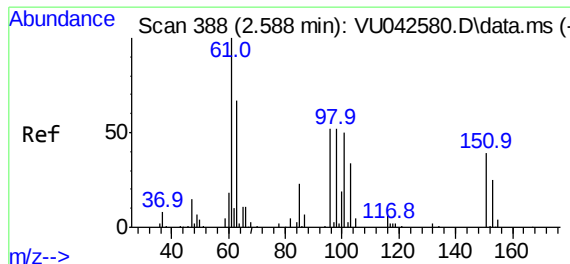
Tgt Ion: 50 Resp: 504
Ion Ratio Lower Upper
50 100
52 39.5 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.07 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU042593.D
Acq: 12 Mar 2021 03:32

Tgt Ion:101 Resp: 409
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

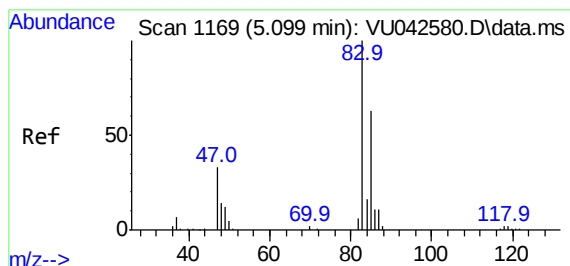
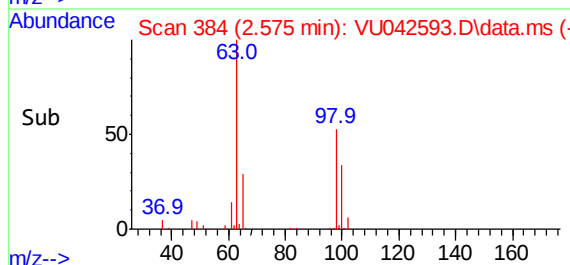
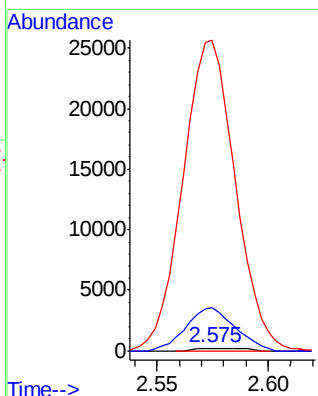
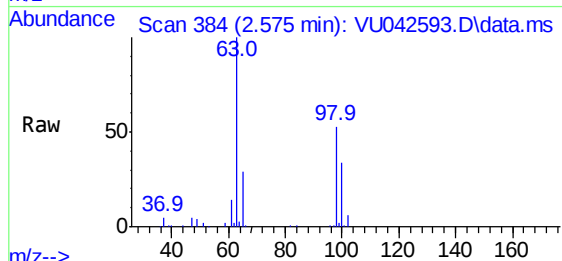




#12
1,1-Dichloroethene
Concen: 0.05 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU042593.D
Acq: 12 Mar 2021 03:32

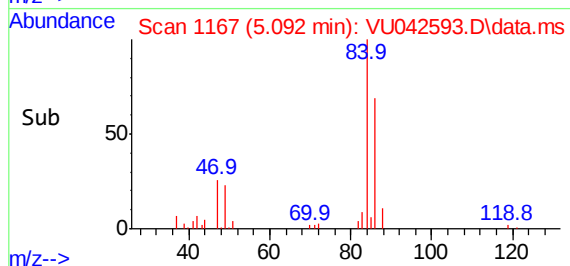
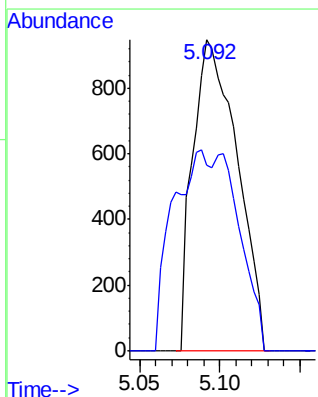
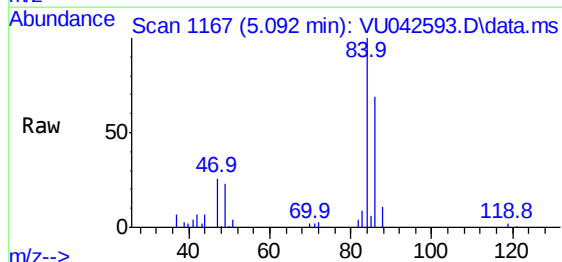
Instrument :
MSVOA_U
ClientSampled :
C0BB7

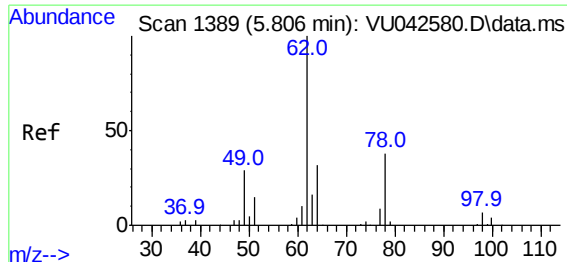
Tgt Ion: 96 Resp: 310
Ion Ratio Lower Upper
96 100
61 1519.0 126.2 234.4#
63 11058.6 77.8 144.4#



#25
Chloroform
Concen: 0.15 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VU042593.D
Acq: 12 Mar 2021 03:32

Tgt Ion: 83 Resp: 1795
Ion Ratio Lower Upper
83 100
85 59.5 45.7 84.9

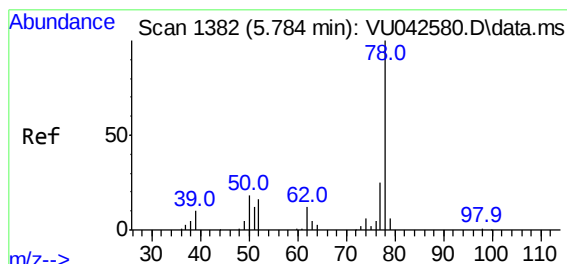
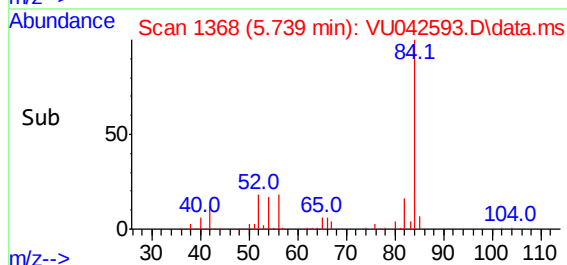
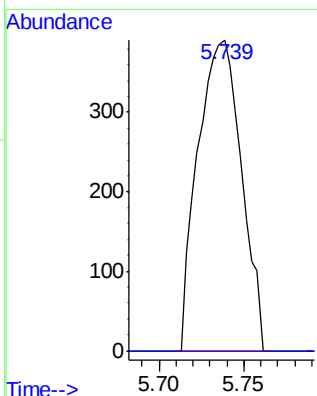
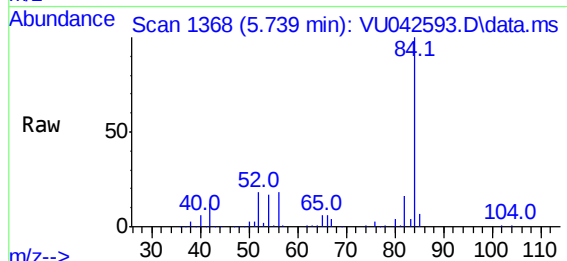




#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.068 min
Lab File: VU042593.D
Acq: 12 Mar 2021 03:32

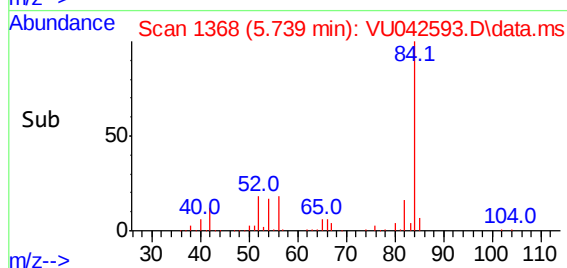
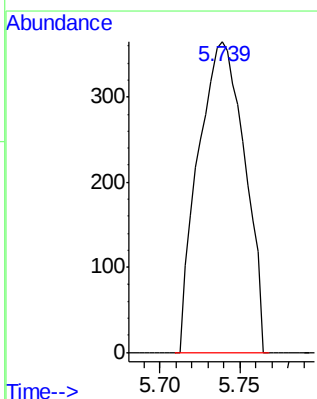
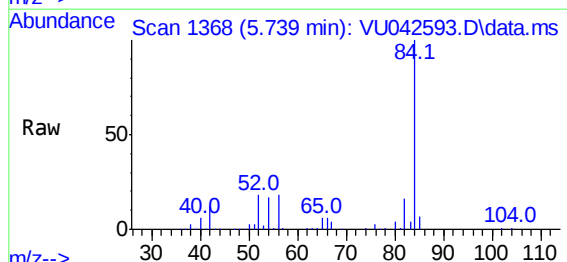
Instrument :
MSVOA_U
ClientSampled :
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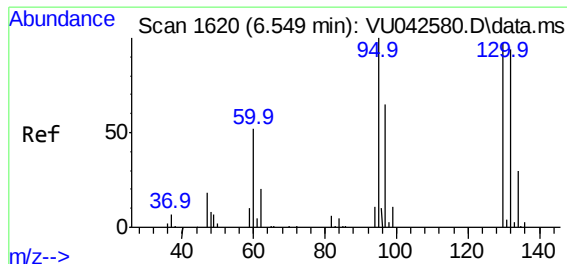
Tgt Ion: 62 Resp: 699
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#33
Benzene
Concen: 0.03 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.045 min
Lab File: VU042593.D
Acq: 12 Mar 2021 03:32

Tgt Ion: 78 Resp: 719

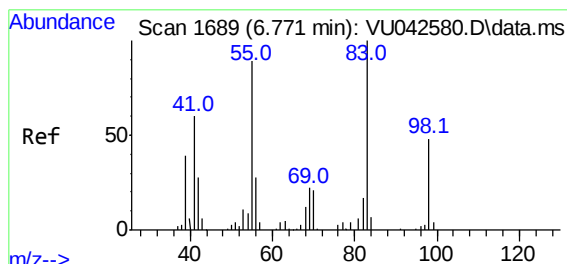
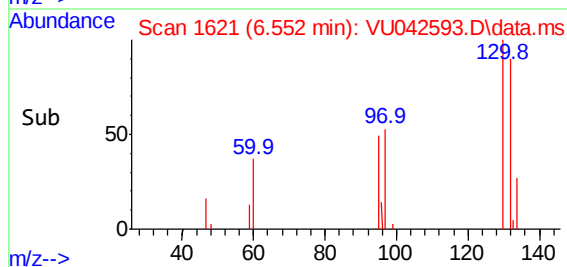
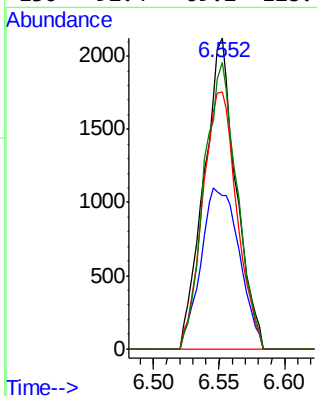
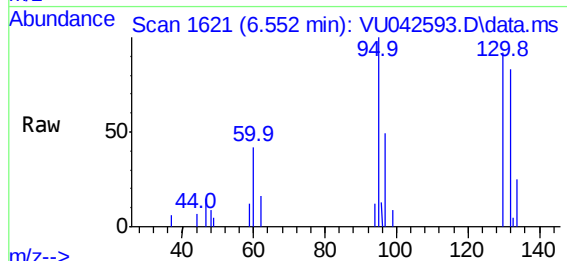




#34
Trichloroethene
Concen: 0.53 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU042593.D
Acq: 12 Mar 2021 03:32

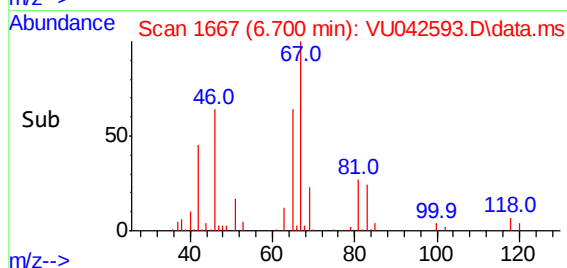
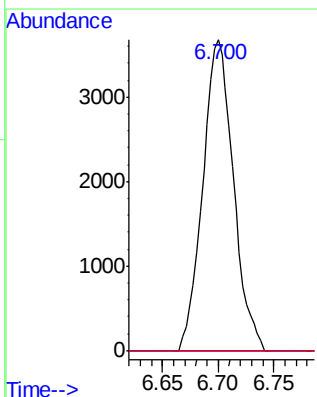
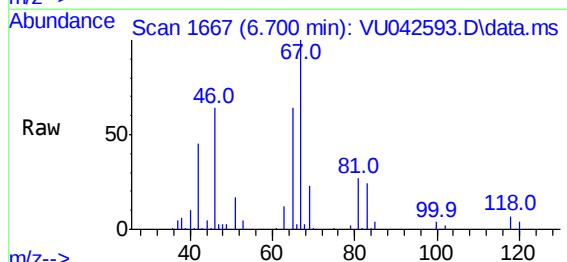
Instrument :
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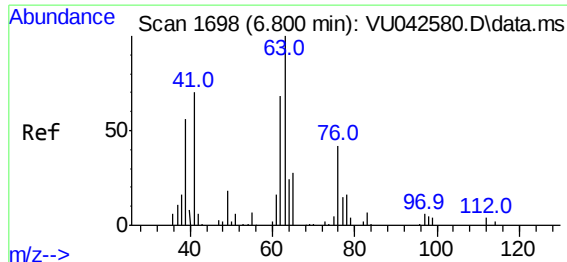
Tgt Ion: 95 Resp: 3599
Ion Ratio Lower Upper
95 100
97 49.2 44.4 82.4
132 82.8 68.0 126.4
130 92.4 69.2 128.4



#35
Methylcyclohexane
Concen: 0.69 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042593.D
Acq: 12 Mar 2021 03:32

Tgt Ion: 83 Resp: 7031
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#

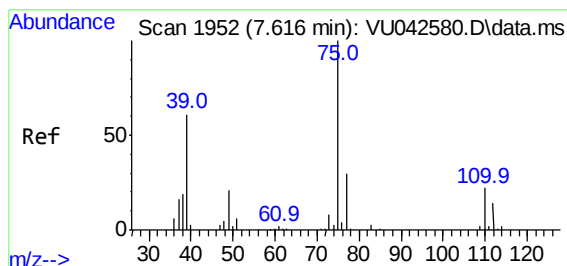
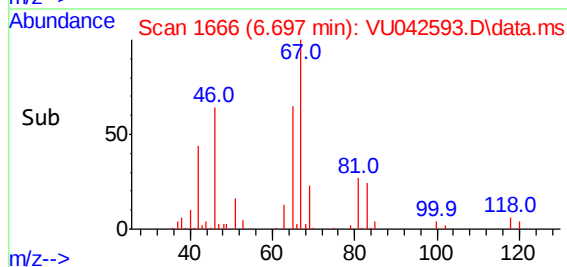
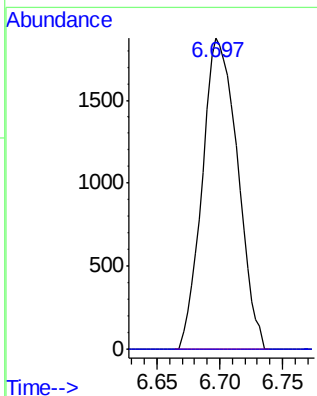
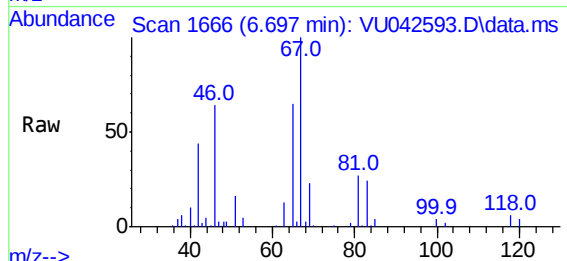




#37
1,2-Dichloropropane
Concen: 0.56 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042593.D
Acq: 12 Mar 2021 03:32

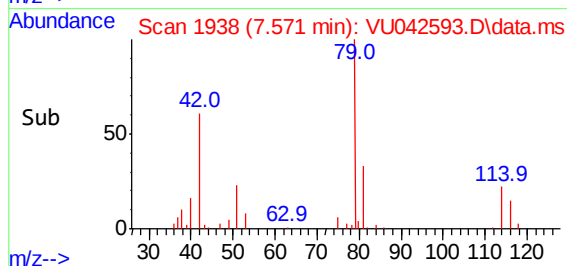
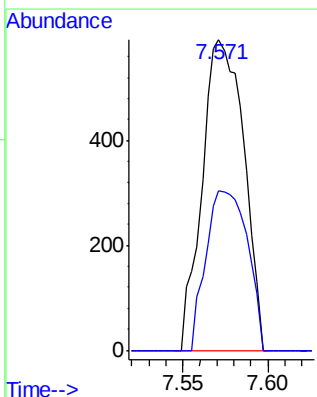
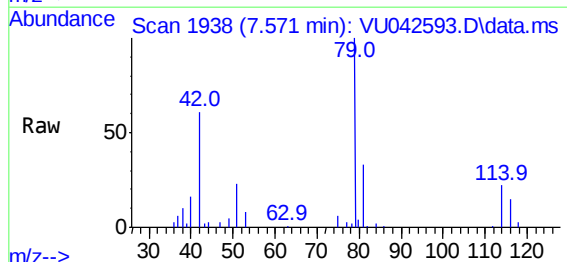
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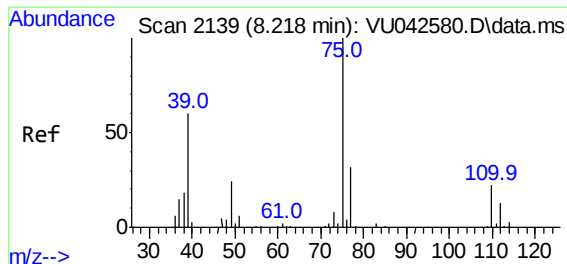
Tgt Ion: 63 Resp: 3645
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042593.D
Acq: 12 Mar 2021 03:32

Tgt Ion: 75 Resp: 1009
Ion Ratio Lower Upper
75 100
77 51.4 22.0 40.8#



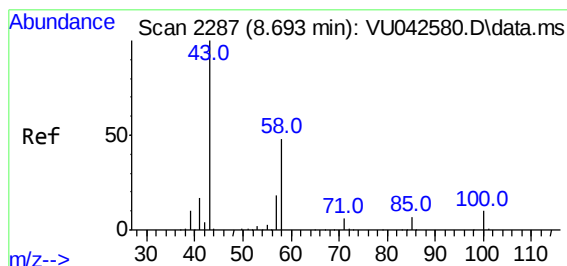
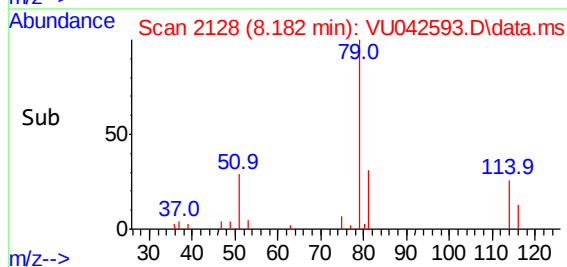
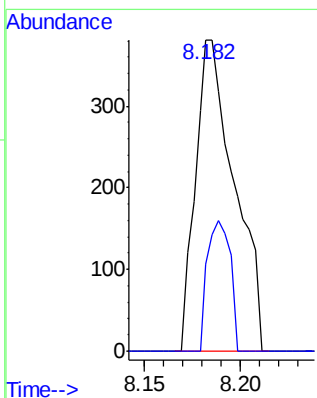
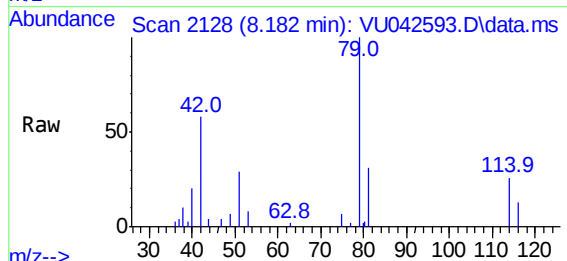


#44

trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.035 min
Lab File: VU042593.D
Acq: 12 Mar 2021 03:32

Instrument :
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ClientSampled :
C0BB7

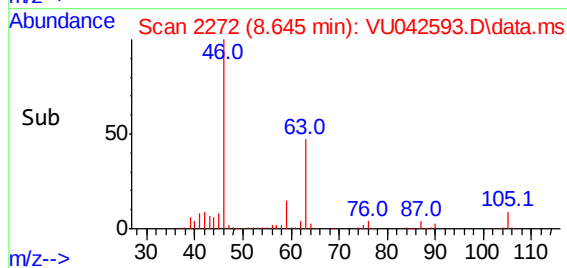
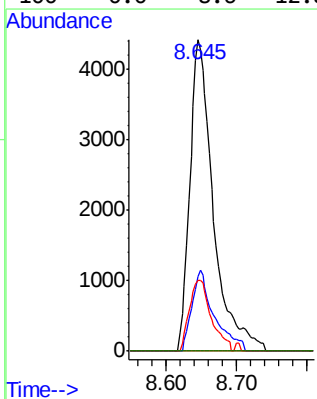
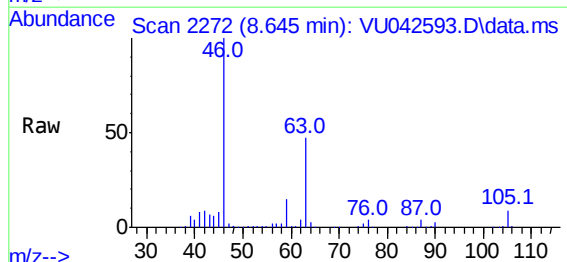
Tgt Ion: 75 Resp: 536
Ion Ratio Lower Upper
75 100
77 27.8 21.8 40.4

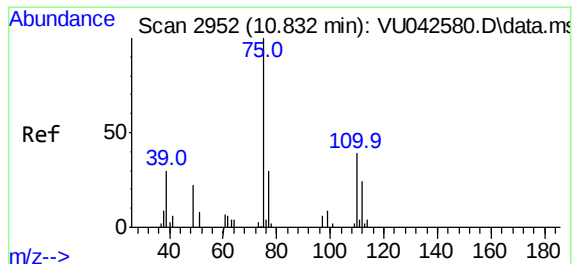


#48

2-Hexanone
Concen: 2.38 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU042593.D
Acq: 12 Mar 2021 03:32

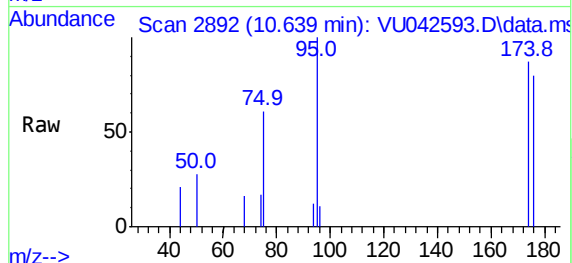
Tgt Ion: 43 Resp: 10068
Ion Ratio Lower Upper
43 100
58 24.4 40.6 61.0#
57 21.1 14.9 22.3
100 0.0 8.6 12.8#





#59
 1,2,3-Trichloropropane
 Concen: 0.19 ug/L
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU042593.D
 Acq: 12 Mar 2021 03:32

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BB7



Tgt Ion: 75 Resp: 951
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.0 39.0#

