

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051721\
 Data File : VU043798.D
 Acq On : 17 May 2021 18:13
 Operator : SY/MD
 Sample : M2396-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 18 03:12:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 15 00:49:19 2021
 Response via : Initial Calibration

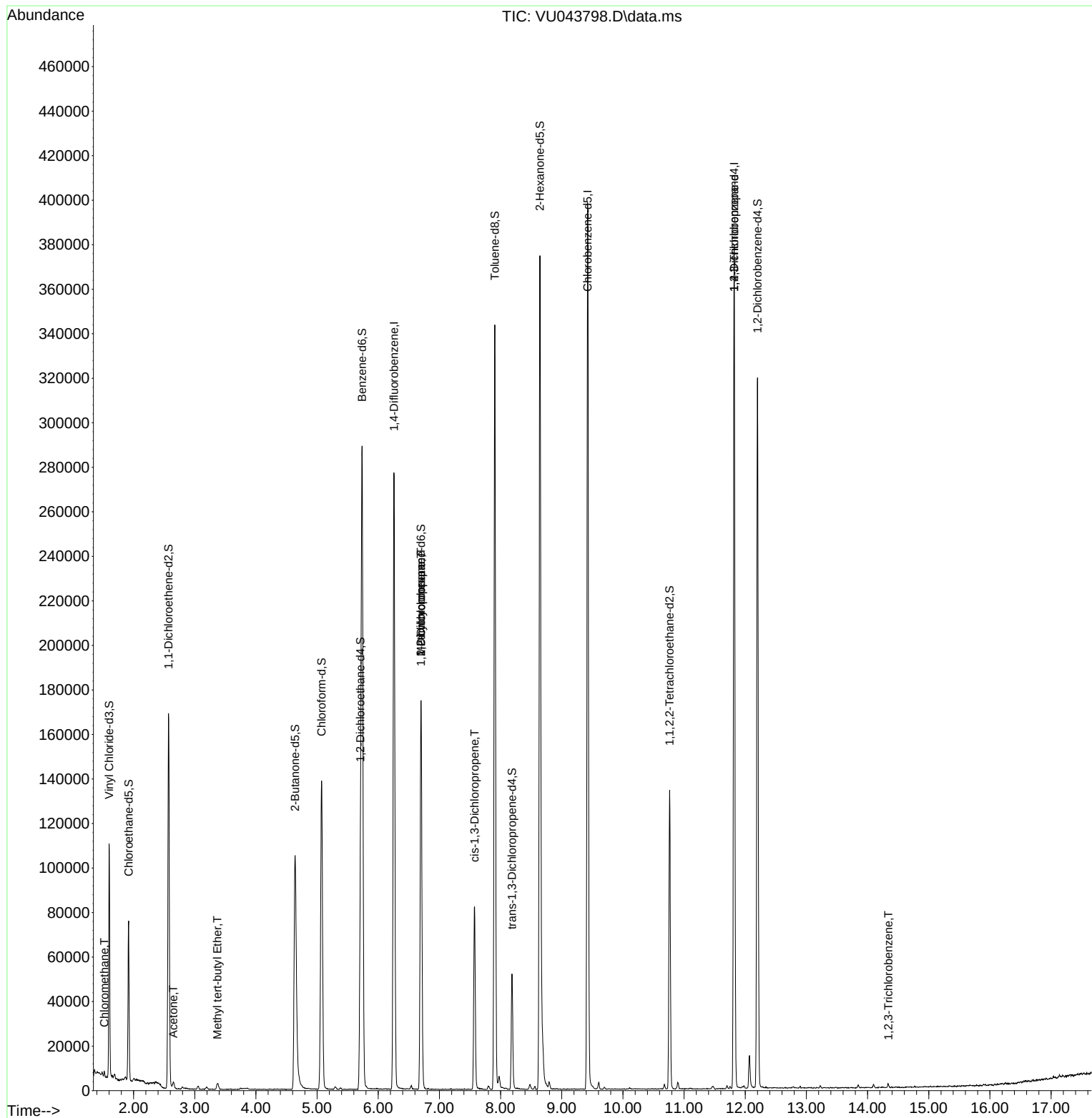
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	231369	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	231444	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	106577	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	74062	4.34	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.80%	
7) Chloroethane-d5	1.919	69	50918	4.27	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.40%	
11) 1,1-Dichloroethene-d2	2.572	65	31262	4.42	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.40%	
20) 2-Butanone-d5	4.639	46	170132	52.45	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.90%	
24) Chloroform-d	5.073	84	130763	4.71	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.20%	
26) 1,2-Dichloroethane-d4	5.710	65	66528	4.68	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.60%	
32) Benzene-d6	5.735	84	276352	4.70	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.00%	
36) 1,2-Dichloropropane-d6	6.700	67	87703	4.68	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.60%	
41) Toluene-d8	7.906	98	232602	4.28	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.60%	
43) trans-1,3-Dichloroprop...	8.185	79	29074	4.18	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.60%	
46) 2-Hexanone-d5	8.642	63	133629	42.66	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	85.32%	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	68137	4.43	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	88.60%	
66) 1,2-Dichlorobenzene-d4	12.201	152	88950	5.01	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.20%	
Target Compounds						
3) Chloromethane	1.523	50	2237	0.11	ug/L	90
13) Acetone	2.649	43	3393	1.65	ug/L	98
17) Methyl tert-butyl Ether	3.369	73	3187	0.09	ug/L	96
35) Methylcyclohexane	6.700	83	19910	0.75	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	8764	0.50	ug/L #	88
39) cis-1,3-Dichloropropene	7.575	75	1959	0.08	ug/L #	63
61) 1,2,3-Trichloropropane	11.819	75	11427	1.12	ug/L #	67
72) 1,2,3-Trichlorobenzene	14.340	180	734	0.04	ug/L #	86

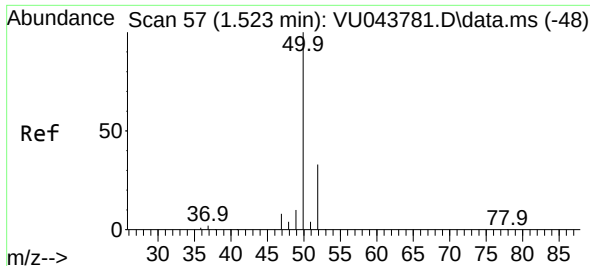
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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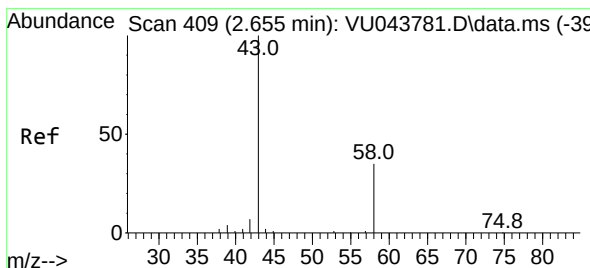
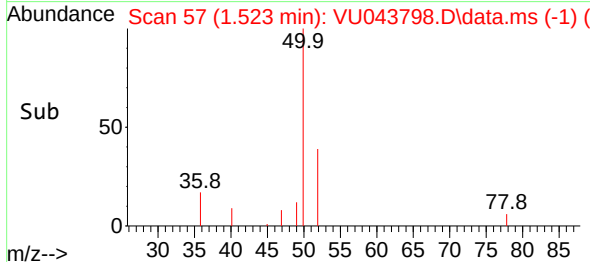
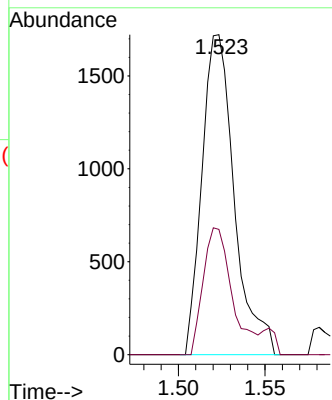
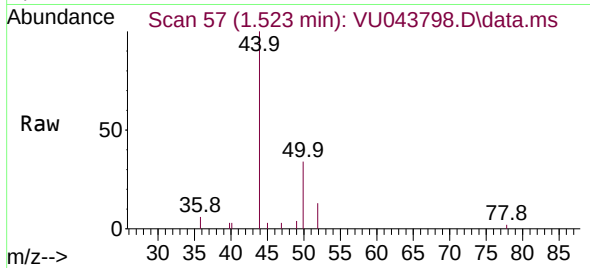




#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU043798.D
Acq: 17 May 2021 18:13

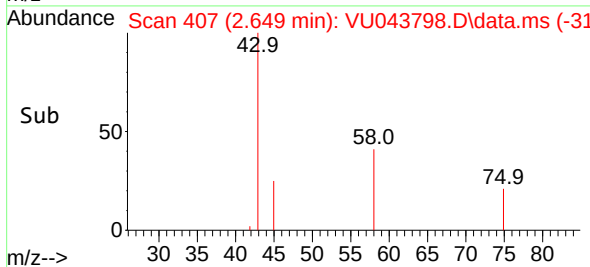
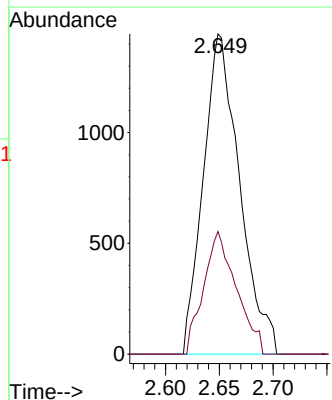
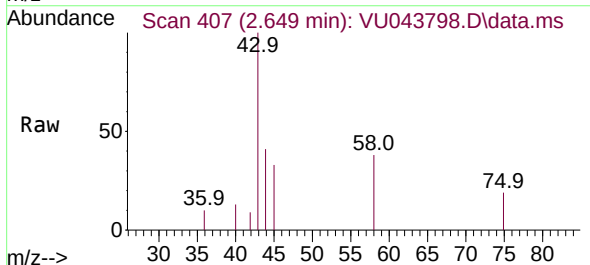
Instrument :
MSVOA_U
ClientSampled :

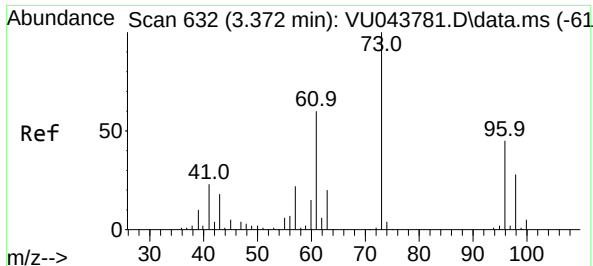
Tgt Ion: 50 Resp: 2237
Ion Ratio Lower Upper
50 100
52 39.1 23.2 43.2



#13
Acetone
Concen: 1.65 ug/L
RT: 2.649 min Scan# 407
Delta R.T. -0.003 min
Lab File: VU043798.D
Acq: 17 May 2021 18:13

Tgt Ion: 43 Resp: 3393
Ion Ratio Lower Upper
43 100
58 34.5 0.0 71.6



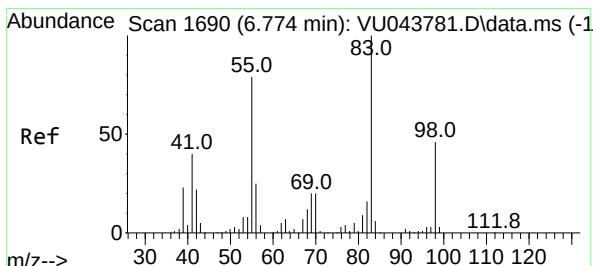
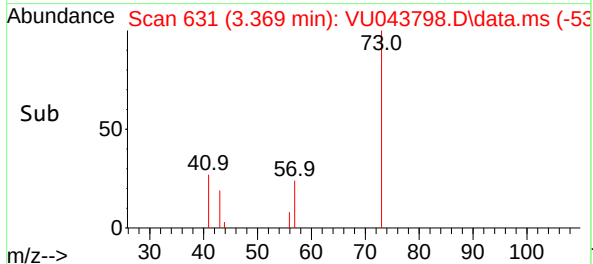
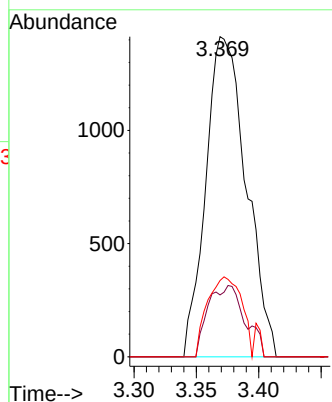
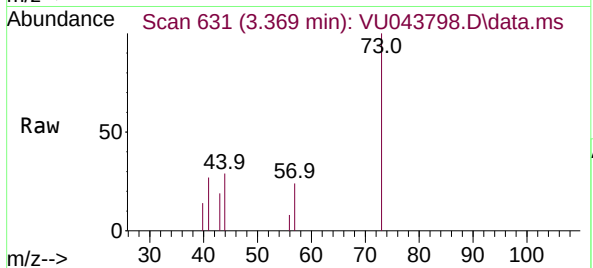


#17

Methyl tert-butyl Ether
Concen: 0.09 ug/L
RT: 3.369 min Scan# 631
Delta R.T. -0.003 min
Lab File: VU043798.D
Acq: 17 May 2021 18:13

Instrument :
MSVOA_U
ClientSampled :

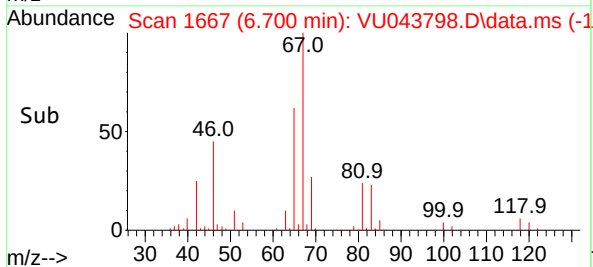
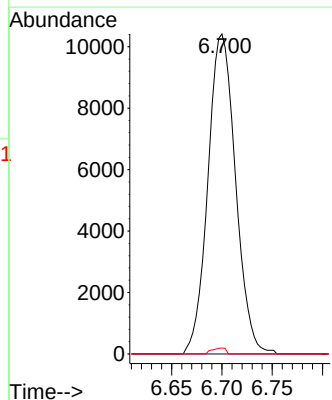
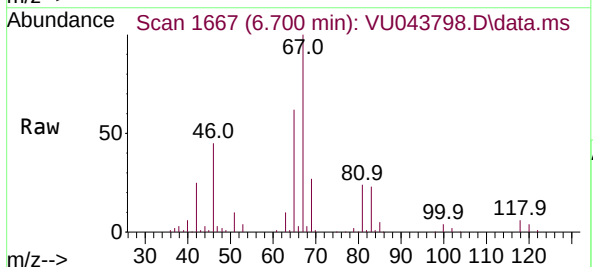
Tgt Ion: 73	Resp:	3187
Ion Ratio	Lower	Upper
73	100	
43	20.3	15.0 22.4
57	21.1	18.6 27.8

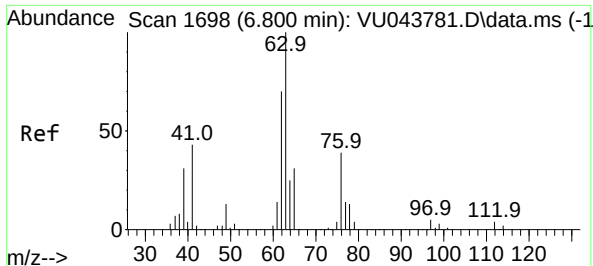


#35

Methylcyclohexane
Concen: 0.75 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043798.D
Acq: 17 May 2021 18:13

Tgt Ion: 83	Resp:	19910
Ion Ratio	Lower	Upper
83	100	
55	0.0	64.8 97.2#
98	0.9	35.9 53.9#



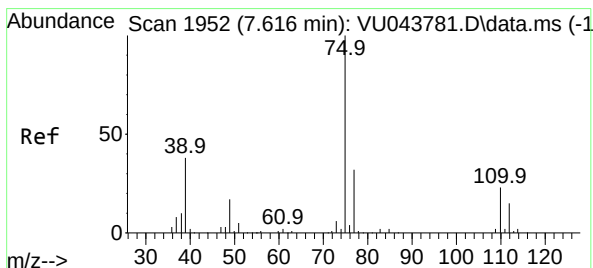
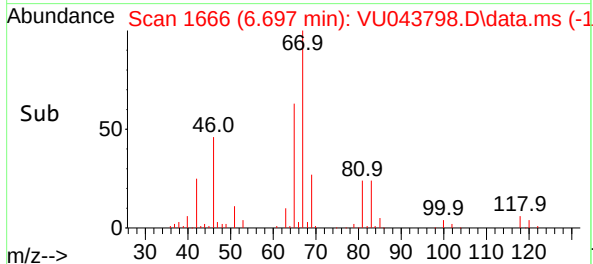
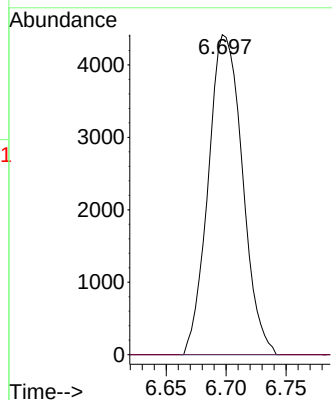
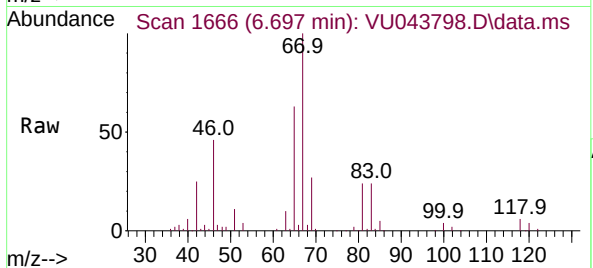


#37

1,2-Dichloropropane
Concen: 0.50 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU043798.D
Acq: 17 May 2021 18:13

Instrument :
MSVOA_U
ClientSampled :

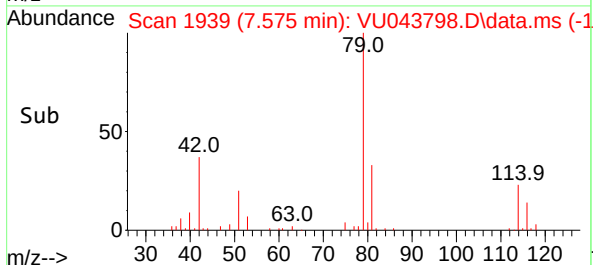
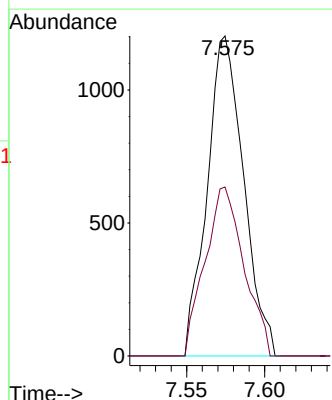
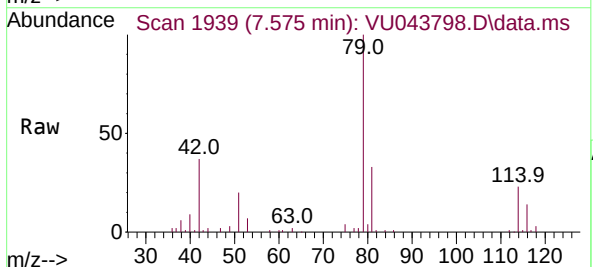
Tgt Ion: 63 Resp: 8764
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

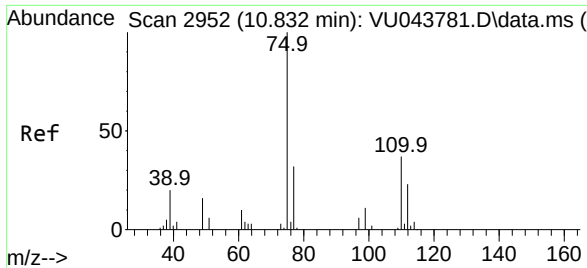


#39

cis-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.039 min
Lab File: VU043798.D
Acq: 17 May 2021 18:13

Tgt Ion: 75 Resp: 1959
Ion Ratio Lower Upper
75 100
77 52.8 22.5 41.7#

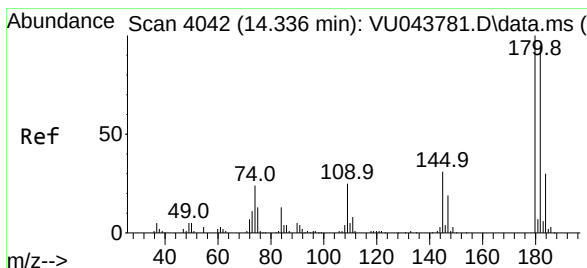
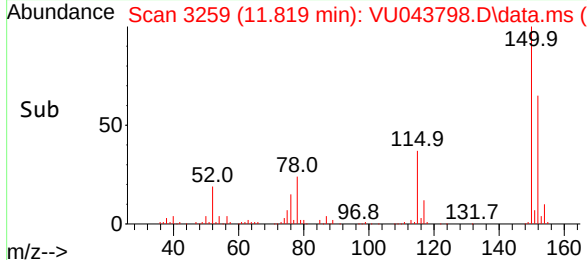
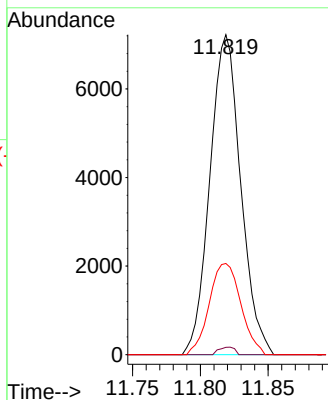
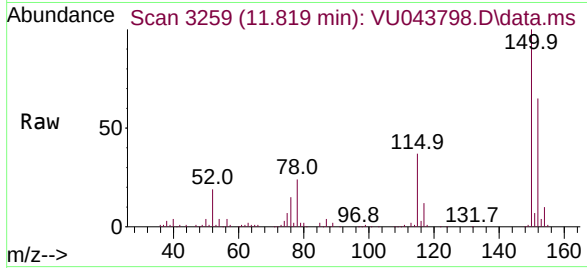




#61
1,2,3-Trichloropropane
Concen: 1.12 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.990 min
Lab File: VU043798.D
Acq: 17 May 2021 18:13

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 11427
Ion Ratio Lower Upper
75 100
110 1.2 27.9 41.9#
77 29.2 25.9 38.9



#72
1,2,3-Trichlorobenzene
Concen: 0.04 ug/L
RT: 14.340 min Scan# 4043
Delta R.T. 0.003 min
Lab File: VU043798.D
Acq: 17 May 2021 18:13

Tgt Ion:180 Resp: 734
Ion Ratio Lower Upper
180 100
182 87.2 77.0 115.4
145 14.6 24.6 36.8#

