

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092421\
 Data File : VU044817.D
 Acq On : 24 Sep 2021 17:44
 Operator : SY/MD
 Sample : M3873-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 25 02:40:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 25 02:36:00 2021
 Response via : Initial Calibration

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

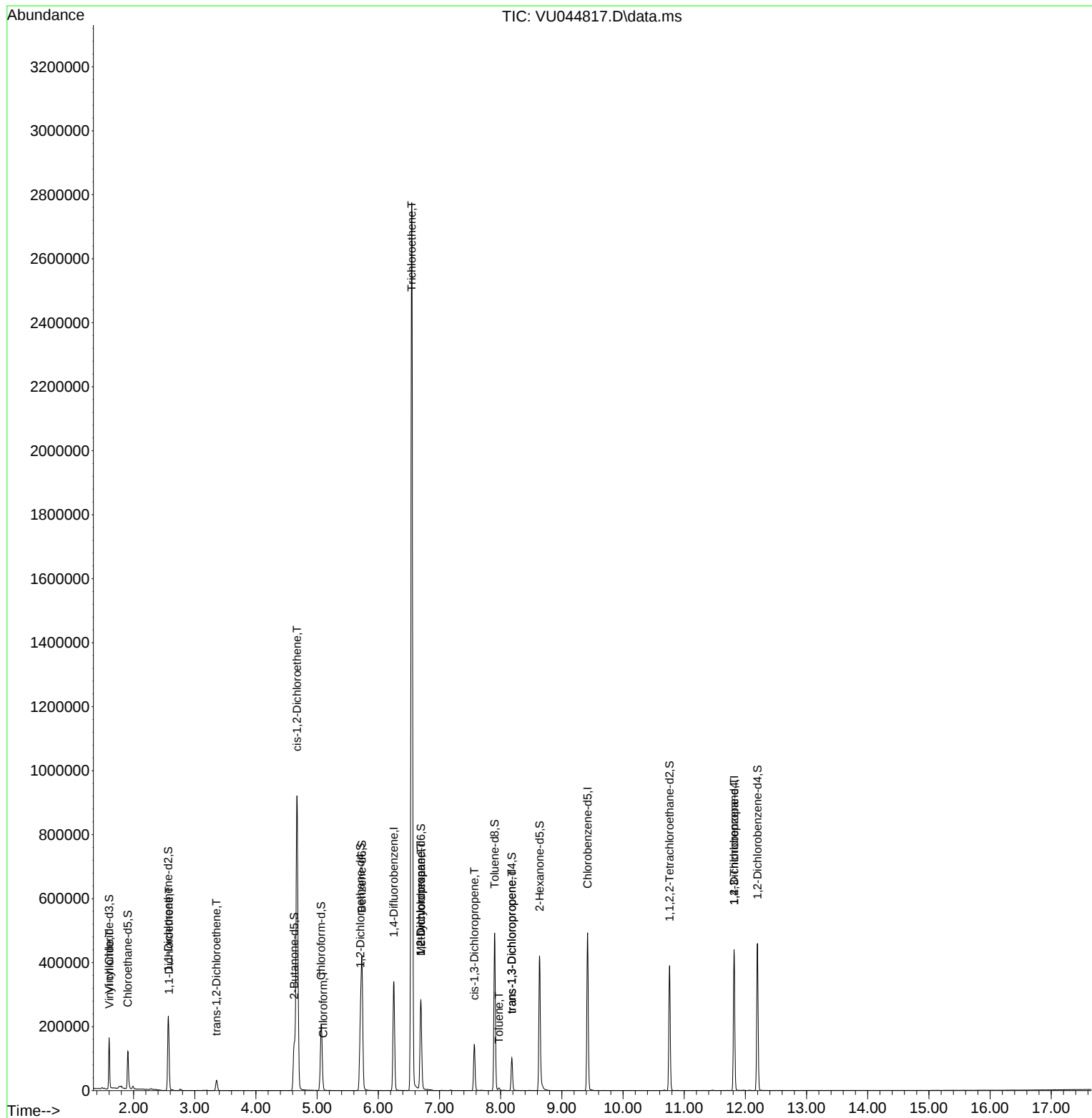
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	256178	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	249830	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	107880	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	103485	36.901	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.800%
7) Chloroethane-d5	1.906	69	91023	40.959	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.920%
11) 1,1-Dichloroethene-d2	2.568	63	137653	29.228	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.460%#
21) 2-Butanone-d5	4.623	46	212854	96.006	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.010%
24) Chloroform-d	5.067	84	185003	41.768	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.540%
26) 1,2-Dichloroethane-d4	5.706	65	133271	44.421	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.840%
32) Benzene-d6	5.732	84	372533	42.973	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.940%
36) 1,2-Dichloropropane-d6	6.697	67	125438	44.376	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.760%
41) Toluene-d8	7.902	98	307581	41.114	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.220%
43) trans-1,3-Dichloroprop...	8.182	79	52520	41.769	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.540%
47) 2-Hexanone-d5	8.636	63	145873	93.123	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.120%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	192048	43.631	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.260%
66) 1,2-Dichlorobenzene-d4	12.198	152	110996	47.277	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.560%
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	3594	1.200	ug/L #	1
12) 1,1-Dichloroethene	2.578	96	2757	1.390	ug/L #	1
17) trans-1,2-Dichloroethene	3.356	96	12788	6.119	ug/L	97
20) cis-1,2-Dichloroethene	4.671	96	453149	196.783	ug/L	96
25) Chloroform	5.099	83	2602	0.602	ug/L	95
34) Trichloroethene	6.546	95	933114	419.260	ug/L	99
35) Methylcyclohexane	6.697	83	29031	7.791	ug/L #	16
37) 1,2-Dichloropropane	6.694	63	14085	5.583	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	3360	0.931	ug/L #	75
42) Toluene	7.973	91	4772	0.507	ug/L	95
44) trans-1,3-Dichloropropene	8.182	75	2266	0.660	ug/L	91
60) 1,2,3-Trichloropropane	11.816	75	14377	4.818	ug/L #	66

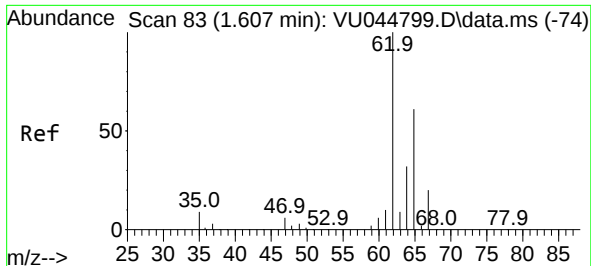
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 25 02:36:00 2021
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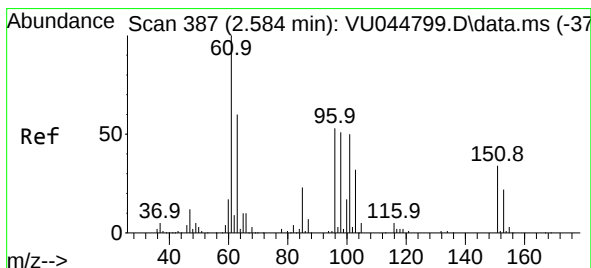
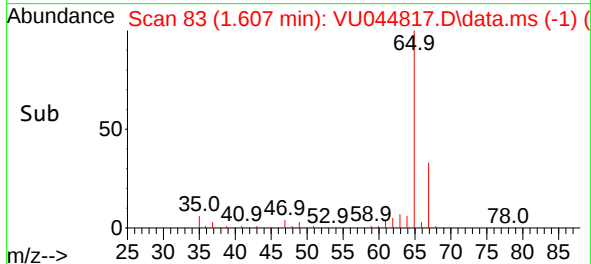
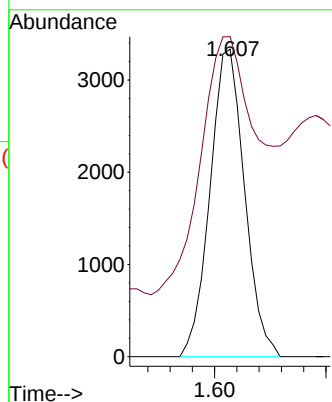
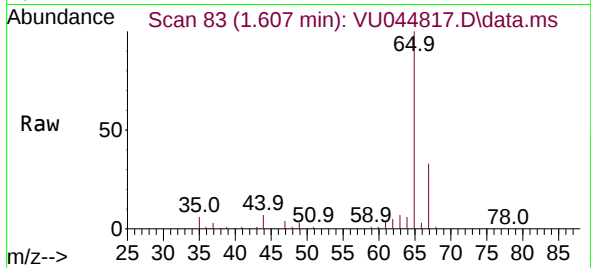




#5
 Vinyl chloride
 Concen: 1.200 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU044817.D
 Acq: 24 Sep 2021 17:44

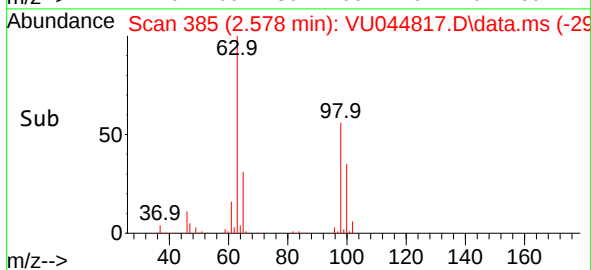
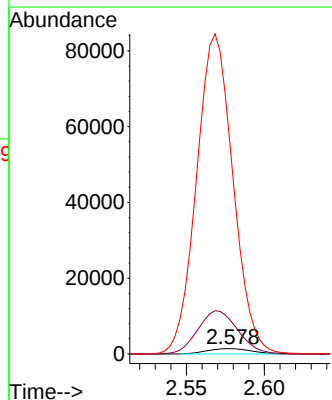
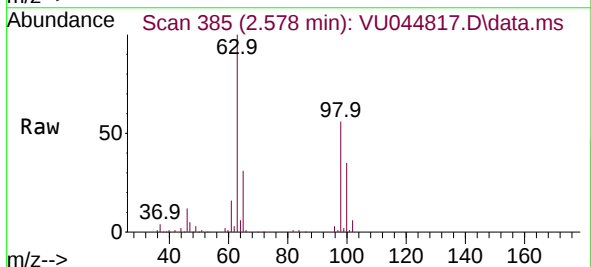
Instrument :
 MSVOA_U
 ClientSampleId :

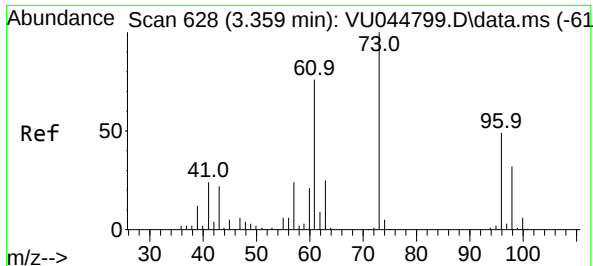
Tgt Ion: 62 Resp: 3594
 Ion Ratio Lower Upper
 62 100
 64 104.0 23.4 43.6#



#12
 1,1-Dichloroethene
 Concen: 1.390 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.006 min
 Lab File: VU044817.D
 Acq: 24 Sep 2021 17:44

Tgt Ion: 96 Resp: 2757
 Ion Ratio Lower Upper
 96 100
 61 632.5 131.3 243.9#
 63 3883.7 102.5 190.3#

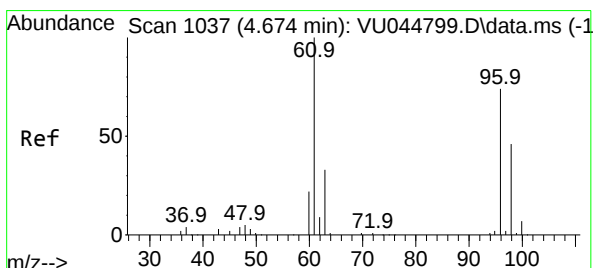
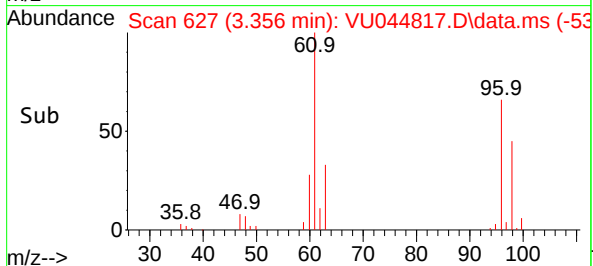
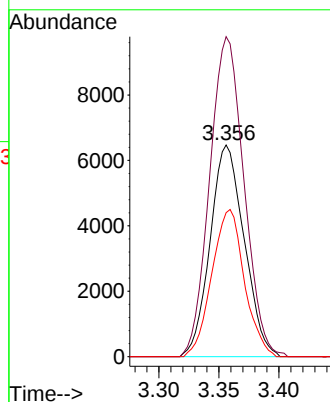
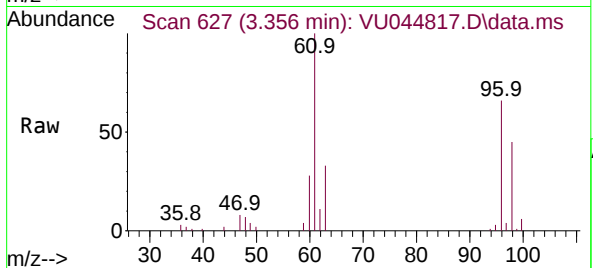




#17
trans-1,2-Dichloroethene
Concen: 6.119 ug/L
RT: 3.356 min Scan# 627
Delta R.T. -0.003 min
Lab File: VU044817.D
Acq: 24 Sep 2021 17:44

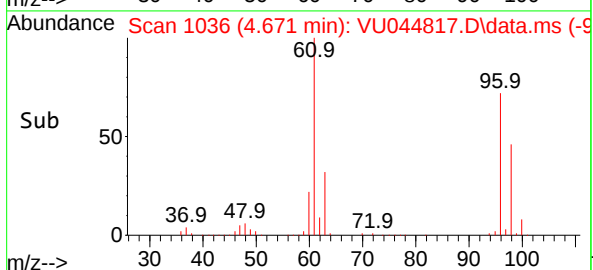
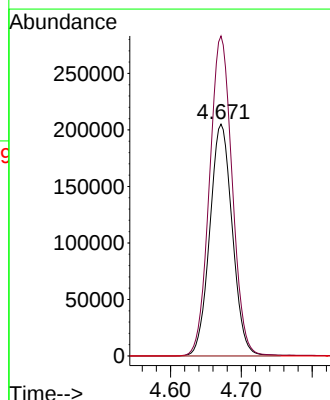
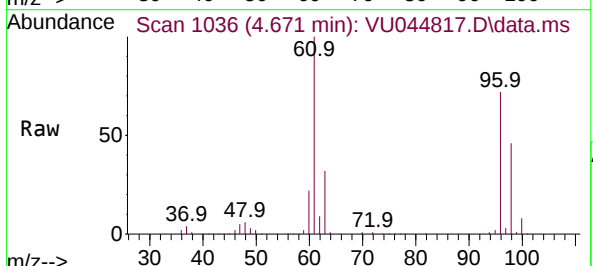
Instrument :
MSVOA_U
ClientSampleId :

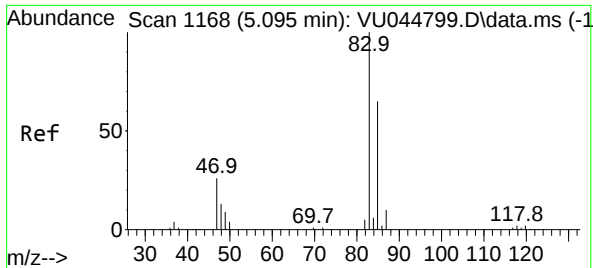
Tgt Ion: 96 Resp: 12788
Ion Ratio Lower Upper
96 100
61 151.1 105.1 195.3
98 68.0 43.0 79.8



#20
cis-1,2-Dichloroethene
Concen: 196.783 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU044817.D
Acq: 24 Sep 2021 17:44

Tgt Ion: 96 Resp: 453149
Ion Ratio Lower Upper
96 100
61 138.0 100.2 186.0
68 0.0 0.0 0.0

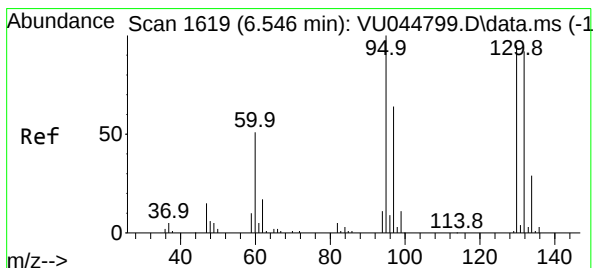
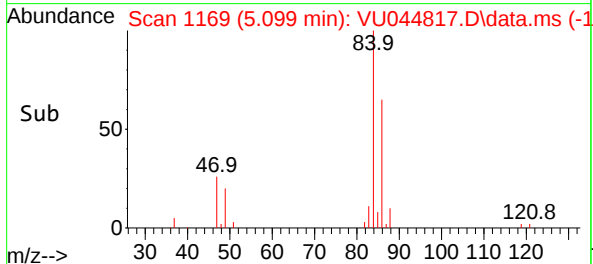
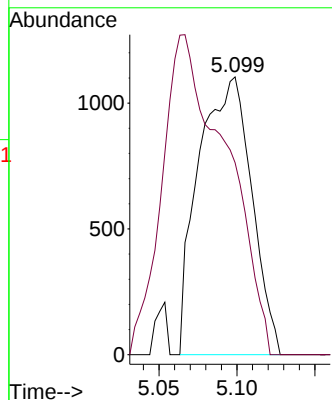
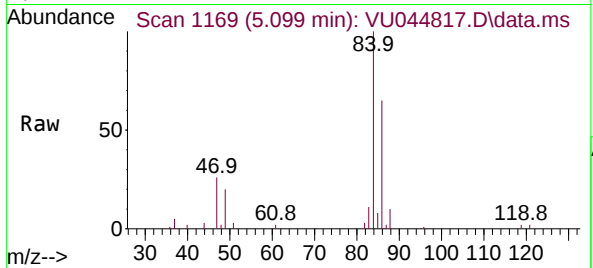




#25
Chloroform
Concen: 0.602 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.003 min
Lab File: VU044817.D
Acq: 24 Sep 2021 17:44

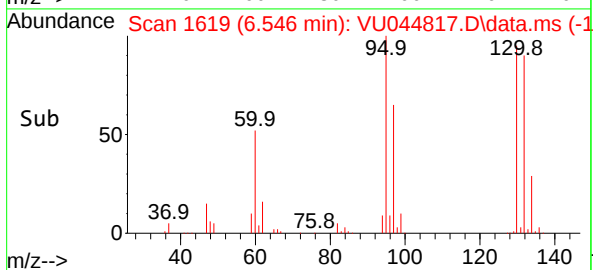
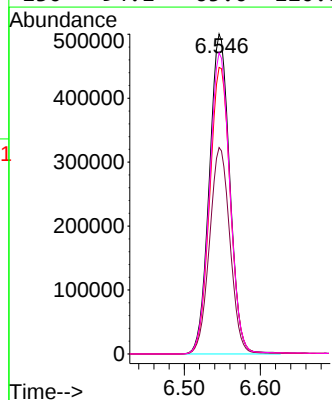
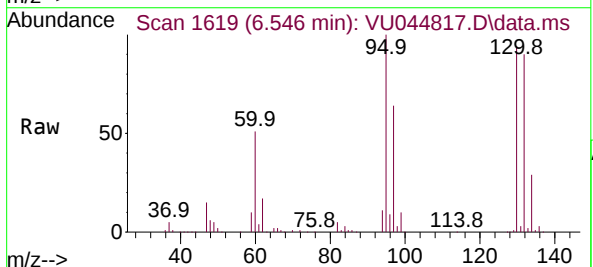
Instrument :
MSVOA_U
ClientSampleId :

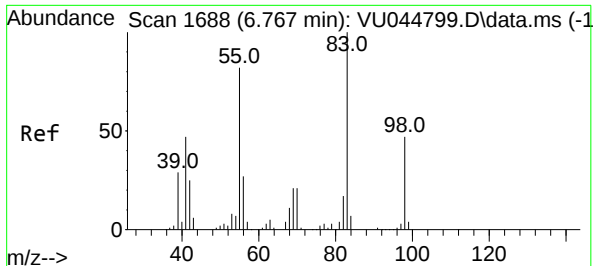
Tgt Ion: 83 Resp: 2602
Ion Ratio Lower Upper
83 100
85 69.1 45.6 84.6



#34
Trichloroethene
Concen: 419.260 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU044817.D
Acq: 24 Sep 2021 17:44

Tgt Ion: 95 Resp: 933114
Ion Ratio Lower Upper
95 100
97 64.5 44.4 82.4
132 89.6 62.9 116.9
130 94.1 65.0 120.8

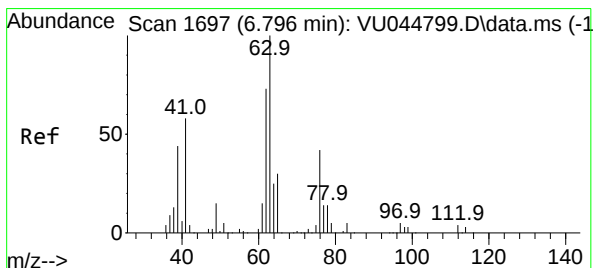
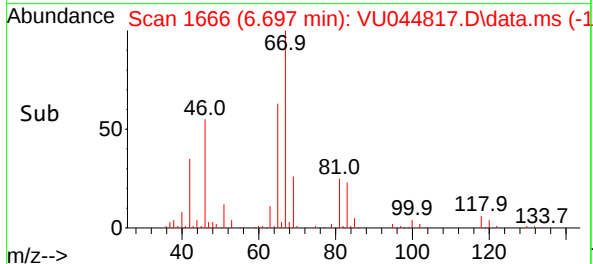
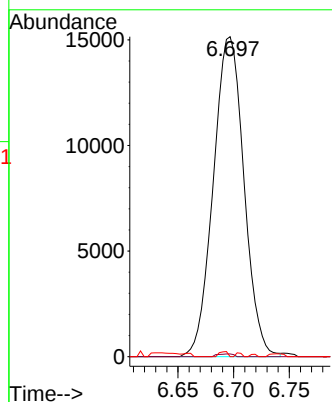
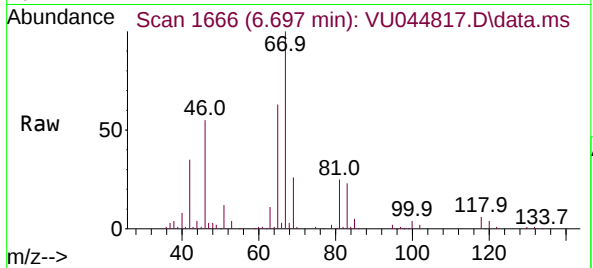




#35
Methylcyclohexane
Concen: 7.791 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.071 min
Lab File: VU044817.D
Acq: 24 Sep 2021 17:44

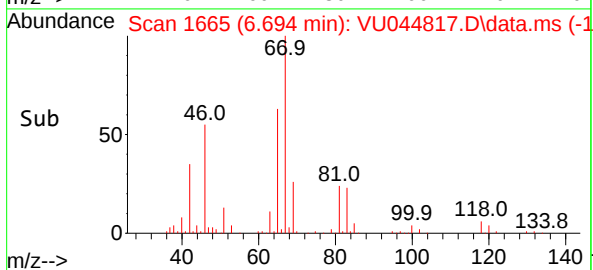
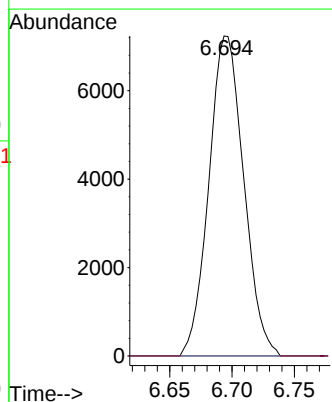
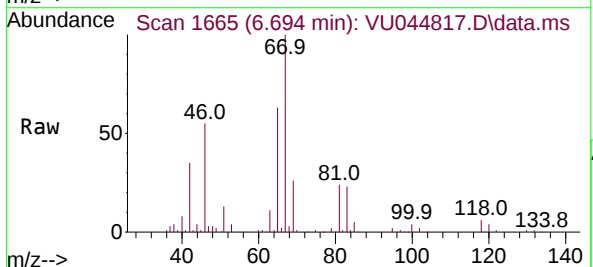
Instrument :
MSVOA_U
ClientSampleId :

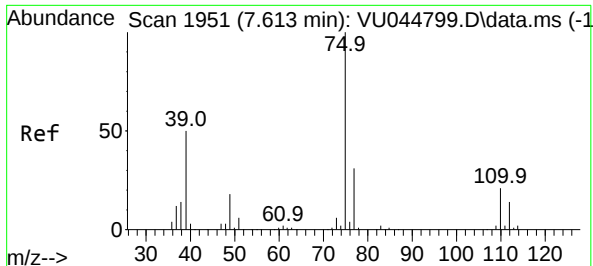
Tgt Ion: 83 Resp: 29031
Ion Ratio Lower Upper
83 100
55 0.0 65.8 98.6#
98 0.4 37.1 55.7#



#37
1,2-Dichloropropane
Concen: 5.583 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU044817.D
Acq: 24 Sep 2021 17:44

Tgt Ion: 63 Resp: 14085
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



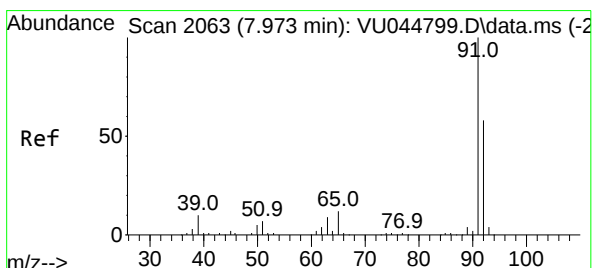
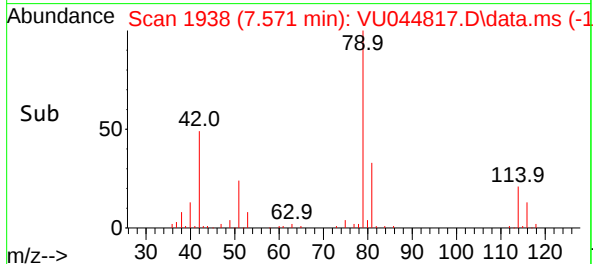
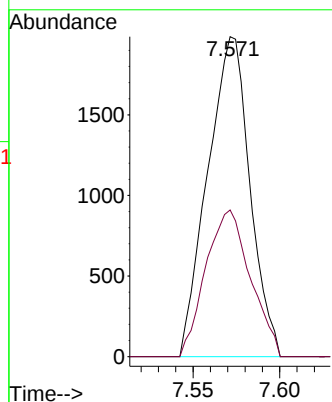
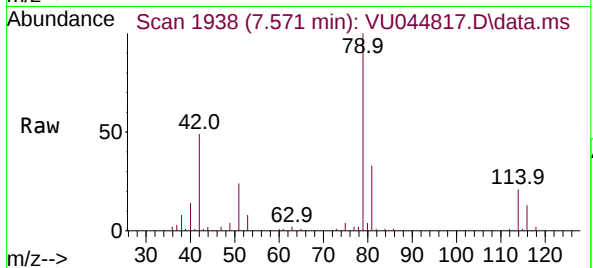


#39

cis-1,3-Dichloropropene
Concen: 0.931 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU044817.D
Acq: 24 Sep 2021 17:44

Instrument :
MSVOA_U
ClientSampled :

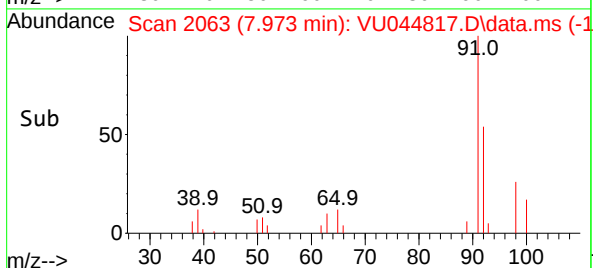
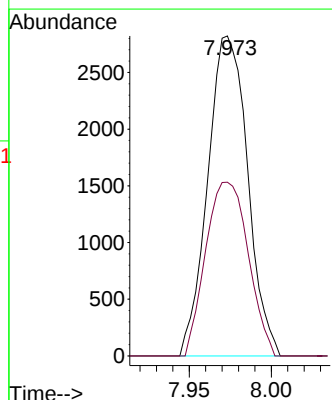
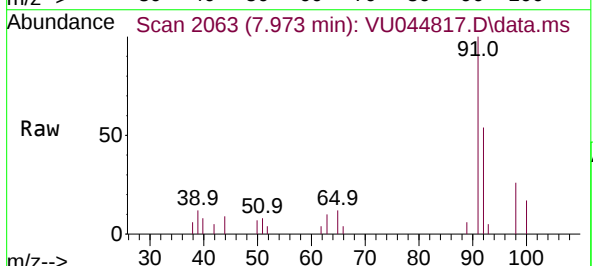
Tgt Ion: 75 Resp: 3360
Ion Ratio Lower Upper
75 100
77 45.8 22.4 41.6#

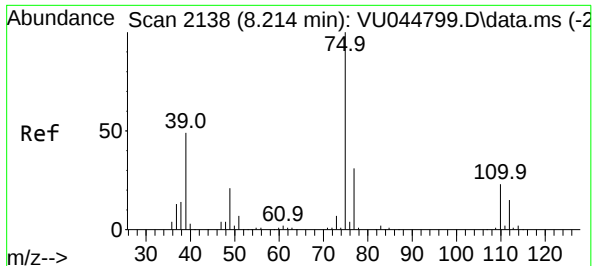


#42

Toluene
Concen: 0.507 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU044817.D
Acq: 24 Sep 2021 17:44

Tgt Ion: 91 Resp: 4772
Ion Ratio Lower Upper
91 100
92 54.3 40.5 75.1

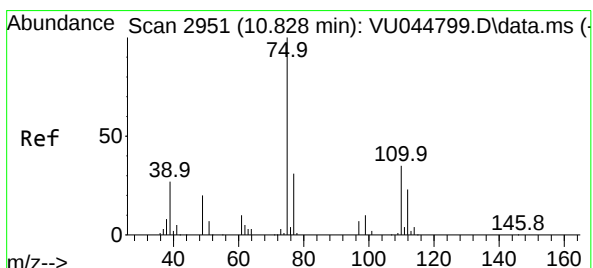
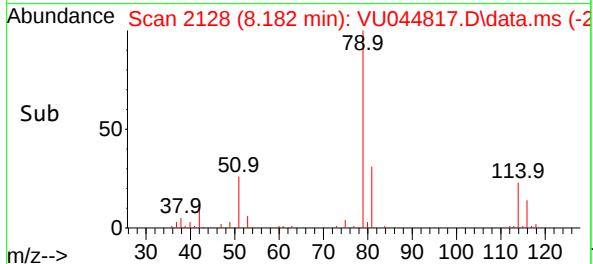
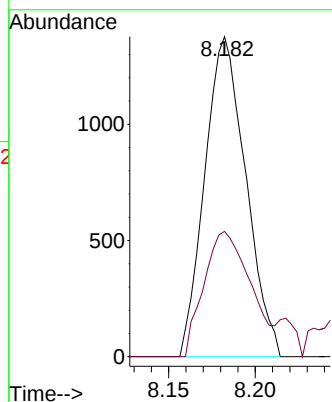
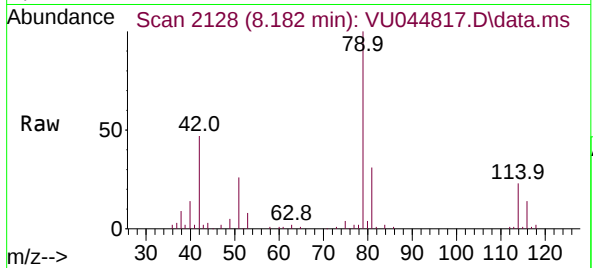




#44
trans-1,3-Dichloropropene
Concen: 0.660 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU044817.D
Acq: 24 Sep 2021 17:44

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 2266
Ion Ratio Lower Upper
75 100
77 36.1 21.7 40.3



#60
1,2,3-Trichloropropane
Concen: 4.818 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU044817.D
Acq: 24 Sep 2021 17:44

Tgt Ion: 75 Resp: 14377
Ion Ratio Lower Upper
75 100
77 35.4 25.5 38.3
110 2.1 29.0 43.4#

