

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092421\
 Data File : VU044815.D
 Acq On : 24 Sep 2021 16:57
 Operator : SY/MD
 Sample : M3873-26
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 25 02:40:02 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)

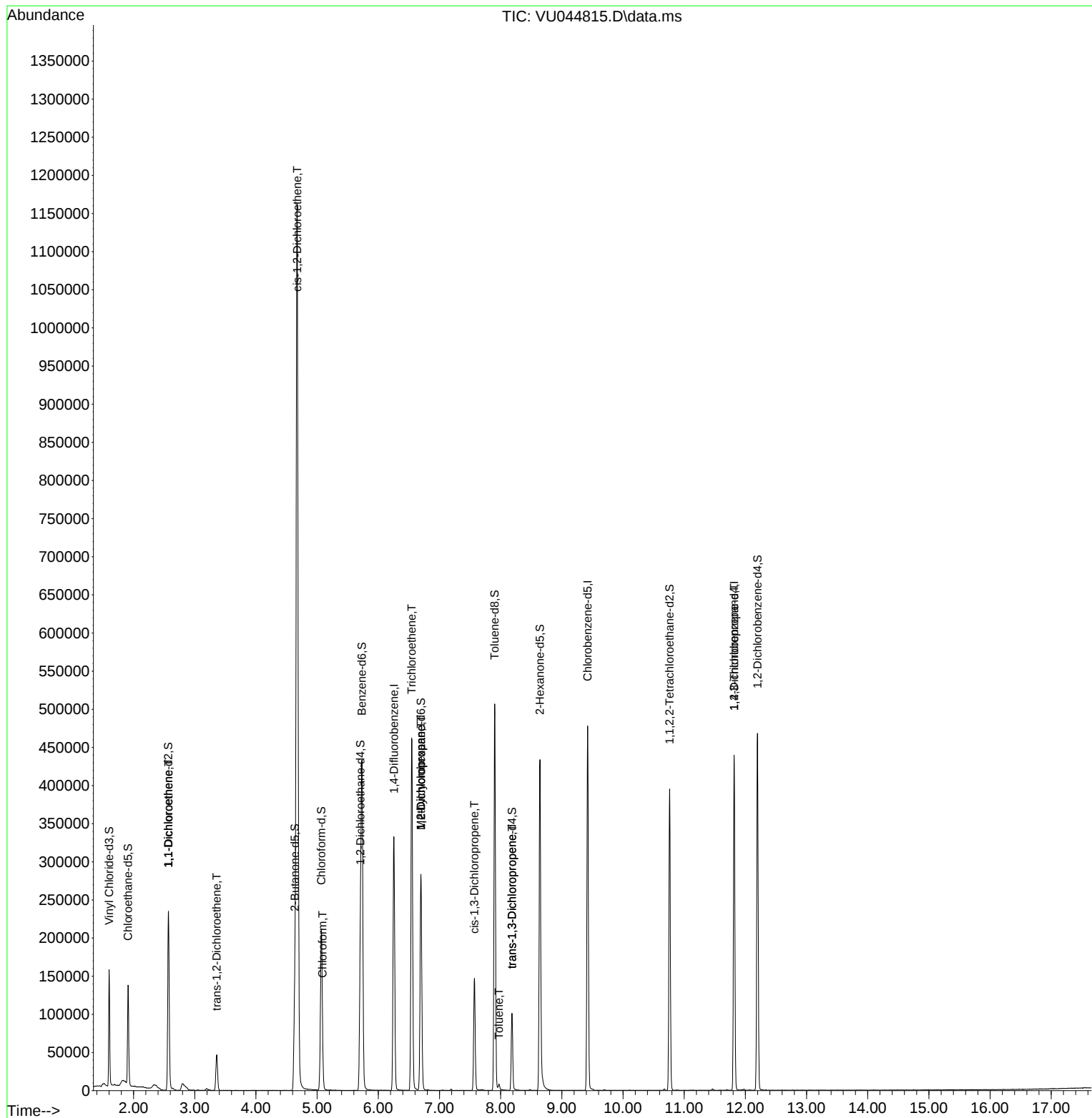
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	254483	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	246491	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	107633	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	105251	37.781	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.560%
7) Chloroethane-d5	1.909	69	96629	43.771	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.540%
11) 1,1-Dichloroethene-d2	2.568	63	143167	30.602	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.200%
21) 2-Butanone-d5	4.636	46	225655	102.458	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.460%
24) Chloroform-d	5.070	84	188431	42.826	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.660%
26) 1,2-Dichloroethane-d4	5.706	65	136637	45.846	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.700%
32) Benzene-d6	5.732	84	383376	44.823	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.640%
36) 1,2-Dichloropropane-d6	6.697	67	130127	46.659	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.320%
41) Toluene-d8	7.903	98	317935	43.073	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.140%
43) trans-1,3-Dichloroprop...	8.185	79	54565	43.983	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.960%
47) 2-Hexanone-d5	8.642	63	148716	96.224	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.220%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	193130	44.471	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.940%
66) 1,2-Dichlorobenzene-d4	12.198	152	114131	48.724	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.440%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.572	96	1666	0.845	ug/L #	1
17) trans-1,2-Dichloroethene	3.359	96	18690	9.003	ug/L	98
20) cis-1,2-Dichloroethene	4.674	96	564472	246.759	ug/L	97
25) Chloroform	5.089	83	4682	1.090	ug/L	83
34) Trichloroethene	6.546	95	155945	71.017	ug/L	99
35) Methylcyclohexane	6.697	83	29586	8.048	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	14359	5.769	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	3443	0.967	ug/L #	59
42) Toluene	7.973	91	5022	0.541	ug/L	91
44) trans-1,3-Dichloropropene	8.185	75	2353	0.695	ug/L #	76
60) 1,2,3-Trichloropropane	11.816	75	14699	4.938	ug/L #	68

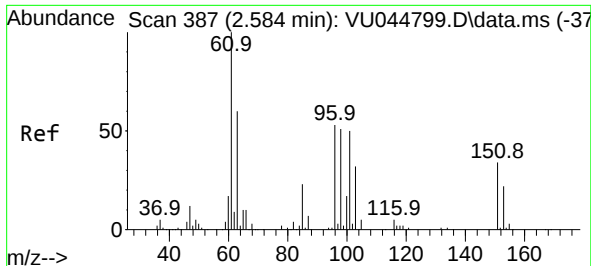
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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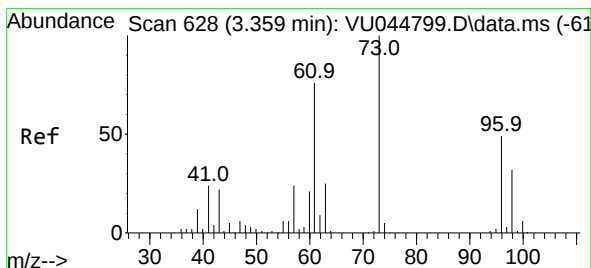
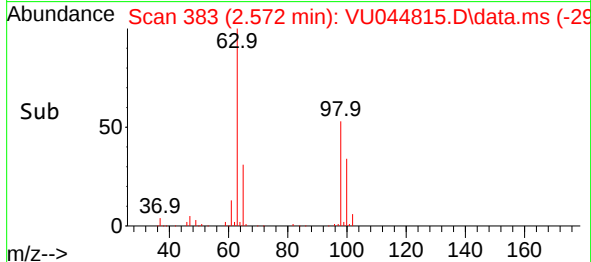
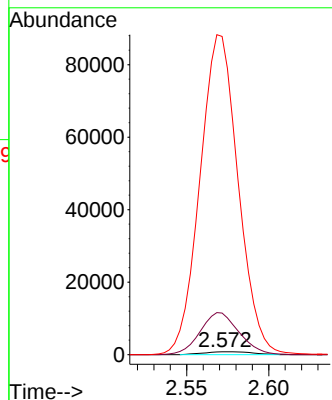
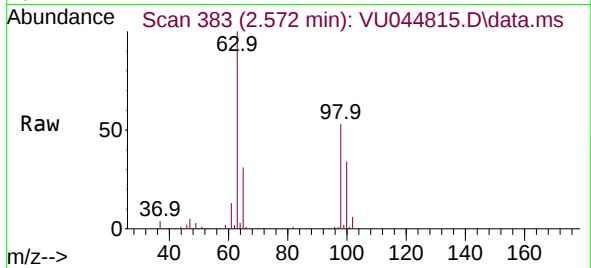




#12
1,1-Dichloroethene
Concen: 0.845 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU044815.D
Acq: 24 Sep 2021 16:57

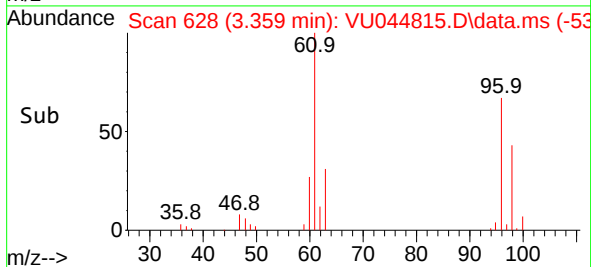
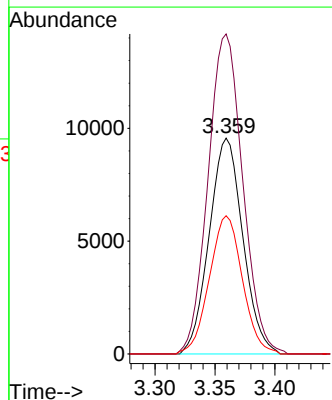
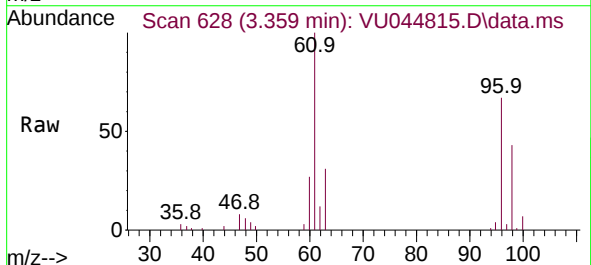
Instrument :
MSVOA_U
ClientSampleId :

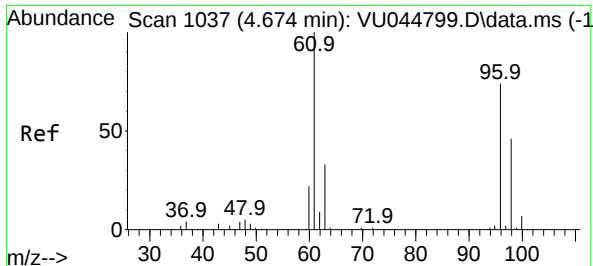
Tgt Ion: 96 Resp: 1666
Ion Ratio Lower Upper
96 100
61 1404.2 131.3 243.9#
63 10747.6 102.5 190.3#



#17
trans-1,2-Dichloroethene
Concen: 9.003 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU044815.D
Acq: 24 Sep 2021 16:57

Tgt Ion: 96 Resp: 18690
Ion Ratio Lower Upper
96 100
61 148.2 105.1 195.3
98 64.0 43.0 79.8



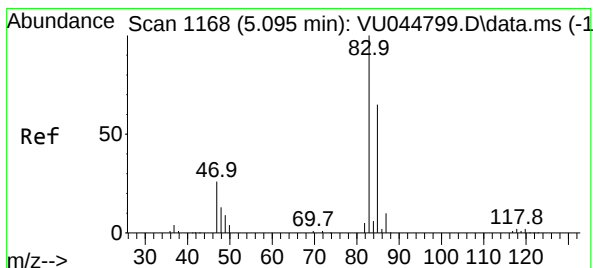
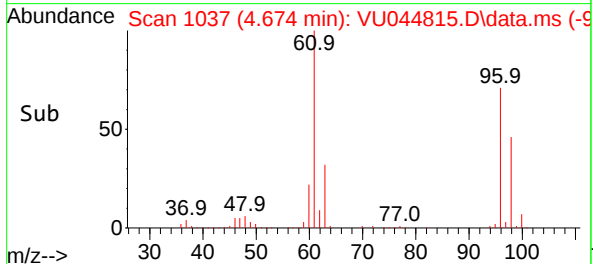
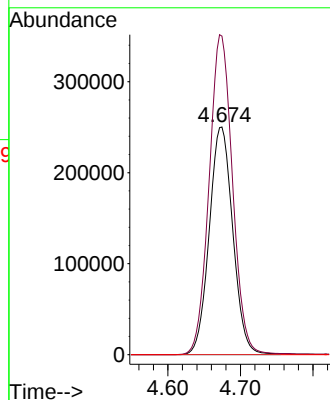
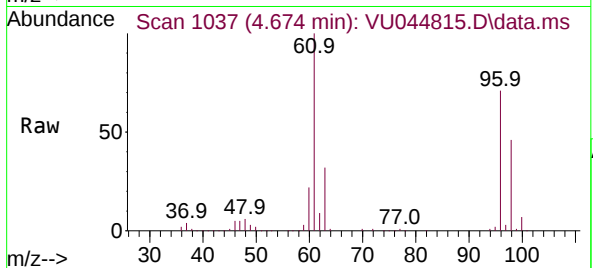


#20

cis-1,2-Dichloroethene
Concen: 246.759 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU044815.D
Acq: 24 Sep 2021 16:57

Instrument :
MSVOA_U
ClientSampled :

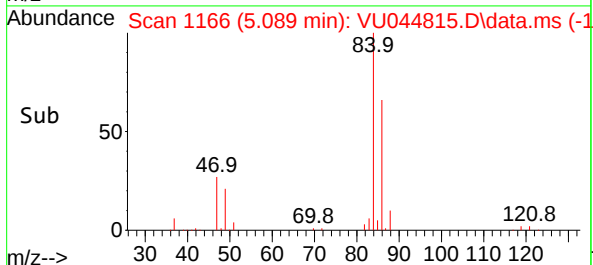
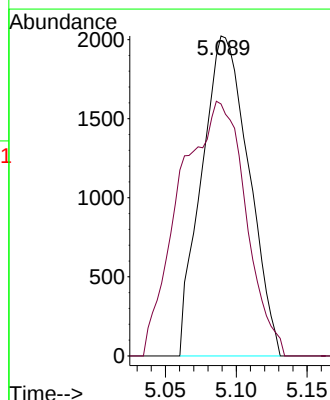
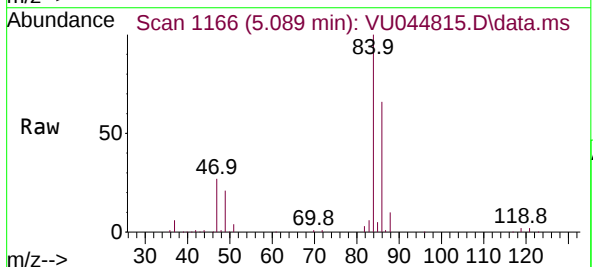
Tgt Ion: 96 Resp: 564472
Ion Ratio Lower Upper
96 100
61 139.9 100.2 186.0
68 0.0 0.0 0.0

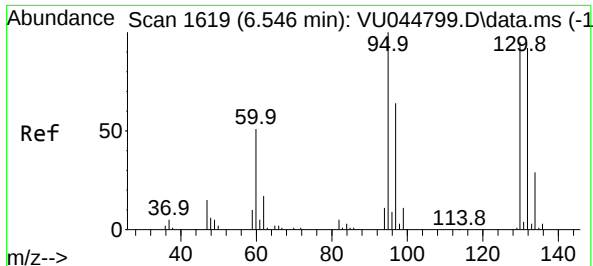


#25

Chloroform
Concen: 1.090 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.006 min
Lab File: VU044815.D
Acq: 24 Sep 2021 16:57

Tgt Ion: 83 Resp: 4682
Ion Ratio Lower Upper
83 100
85 78.7 45.6 84.6





#34

Trichloroethene

Concen: 71.017 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU044815.D

Acq: 24 Sep 2021 16:57

Tgt Ion: 95 Resp: 155945

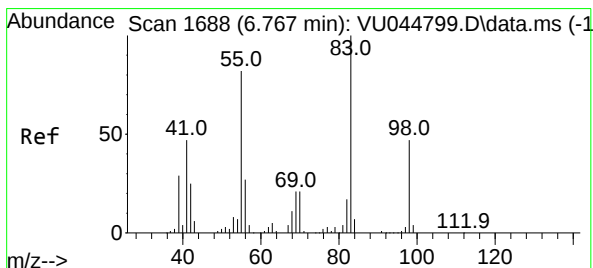
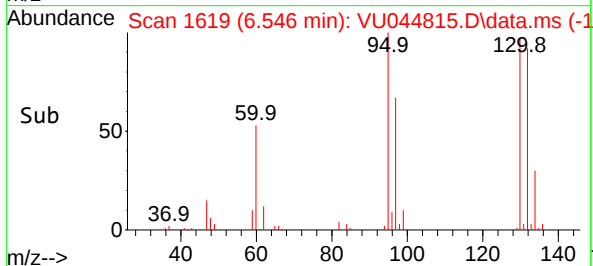
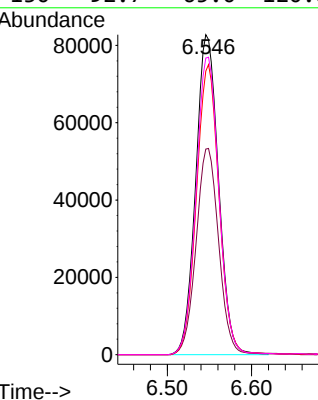
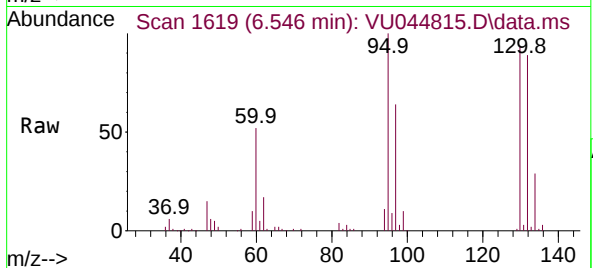
Ion Ratio Lower Upper

95 100

97 64.3 44.4 82.4

132 88.6 62.9 116.9

130 92.7 65.0 120.8



#35

Methylcyclohexane

Concen: 8.048 ug/L

RT: 6.697 min Scan# 1666

Delta R.T. -0.071 min

Lab File: VU044815.D

Acq: 24 Sep 2021 16:57

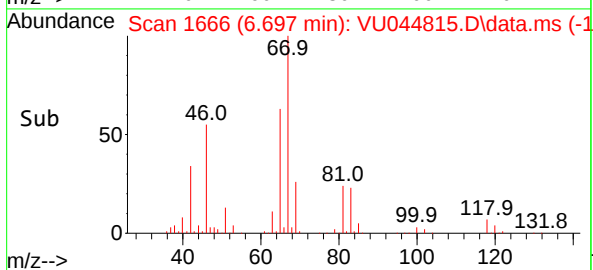
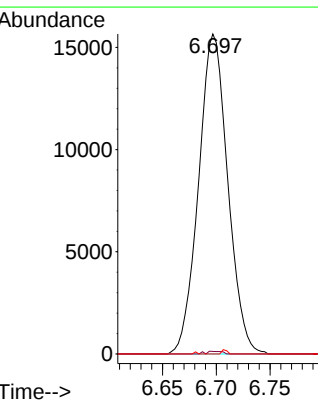
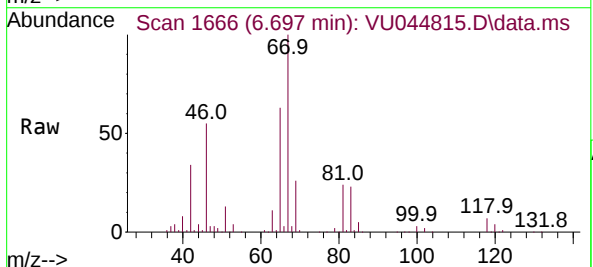
Tgt Ion: 83 Resp: 29586

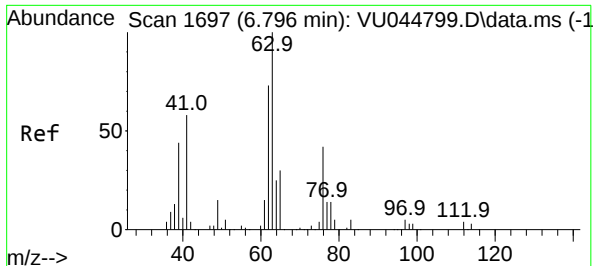
Ion Ratio Lower Upper

83 100

55 0.4 65.8 98.6#

98 0.2 37.1 55.7#



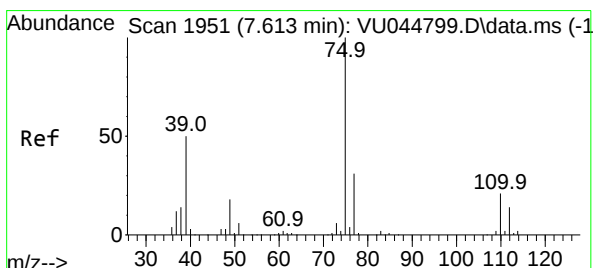
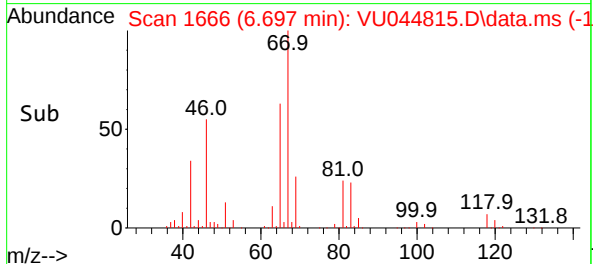
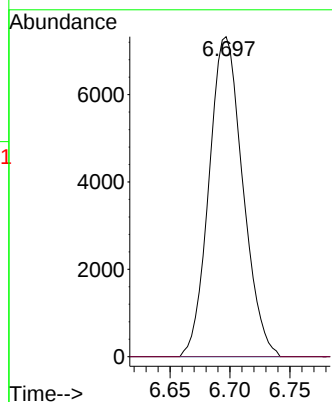
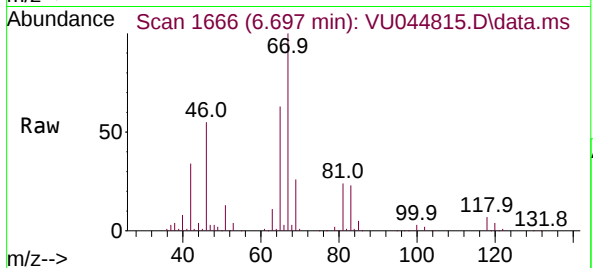


#37

1,2-Dichloropropane
Concen: 5.769 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU044815.D
Acq: 24 Sep 2021 16:57

Instrument :
MSVOA_U
ClientSampled :

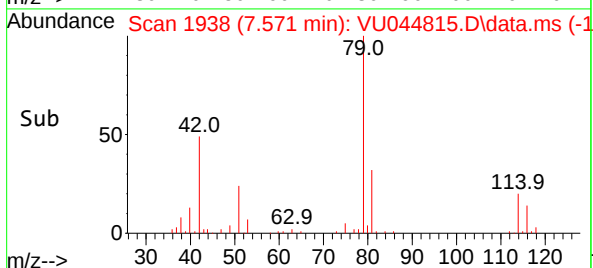
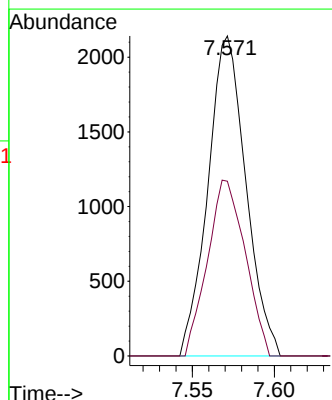
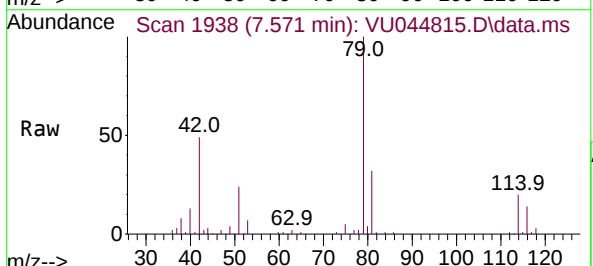
Tgt Ion: 63 Resp: 14359
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

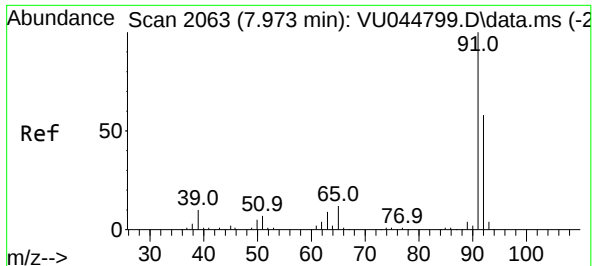


#39

cis-1,3-Dichloropropene
Concen: 0.967 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU044815.D
Acq: 24 Sep 2021 16:57

Tgt Ion: 75 Resp: 3443
Ion Ratio Lower Upper
75 100
77 54.6 22.4 41.6#

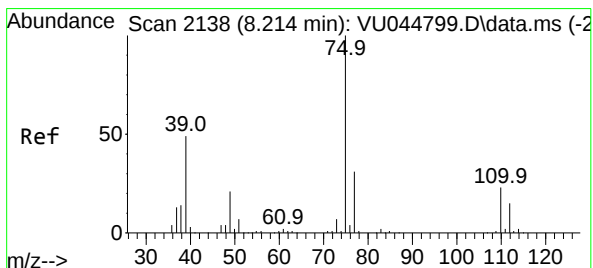
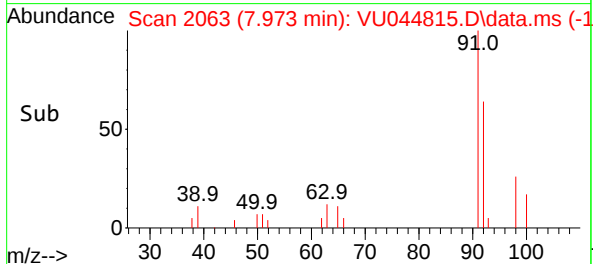
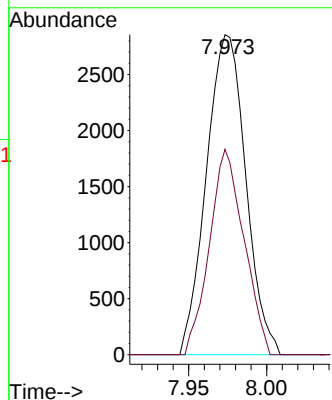
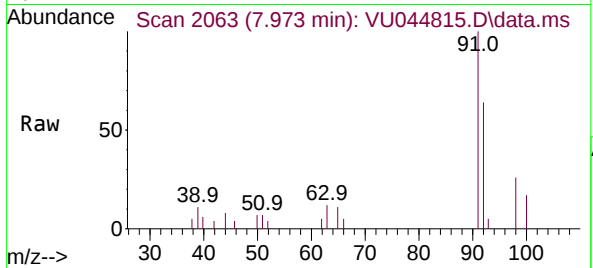




#42
Toluene
Concen: 0.541 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU044815.D
Acq: 24 Sep 2021 16:57

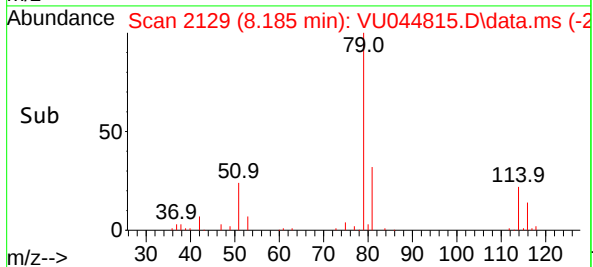
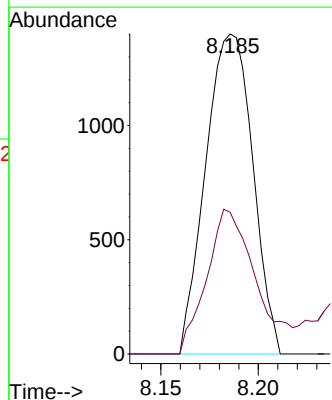
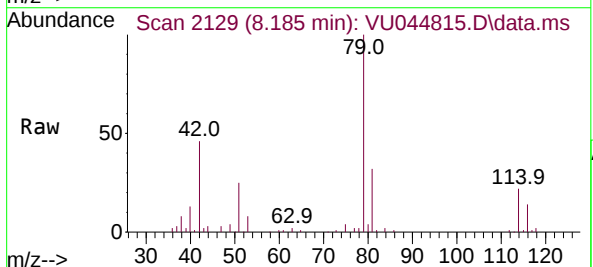
Instrument :
MSVOA_U
ClientSampleId :

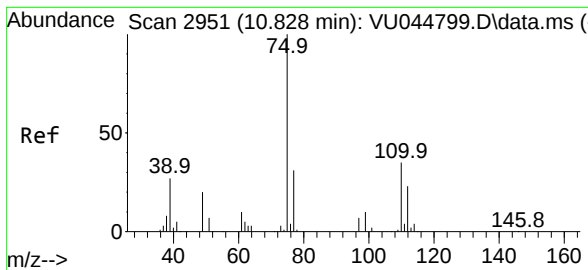
Tgt Ion: 91 Resp: 5022
Ion Ratio Lower Upper
91 100
92 64.1 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.695 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU044815.D
Acq: 24 Sep 2021 16:57

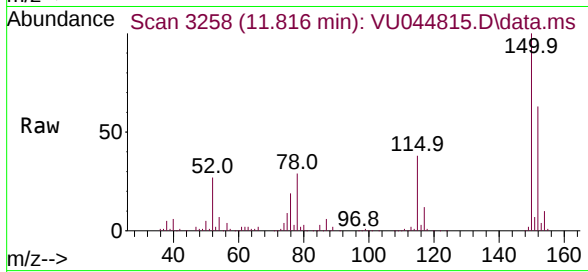
Tgt Ion: 75 Resp: 2353
Ion Ratio Lower Upper
75 100
77 44.3 21.7 40.3#





#60
 1,2,3-Trichloropropane
 Concen: 4.938 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.987 min
 Lab File: VU044815.D
 Acq: 24 Sep 2021 16:57

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	14699
Ion	Ratio	Lower	Upper
75	100		
77	32.9	25.5	38.3
110	1.9	29.0	43.4#

