

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092321\
 Data File : VU044792.D
 Acq On : 23 Sep 2021 18:10
 Operator : SY/MD
 Sample : M3873-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 24 05:39:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 24 05:26:38 2021
 Response via : Initial Calibration

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

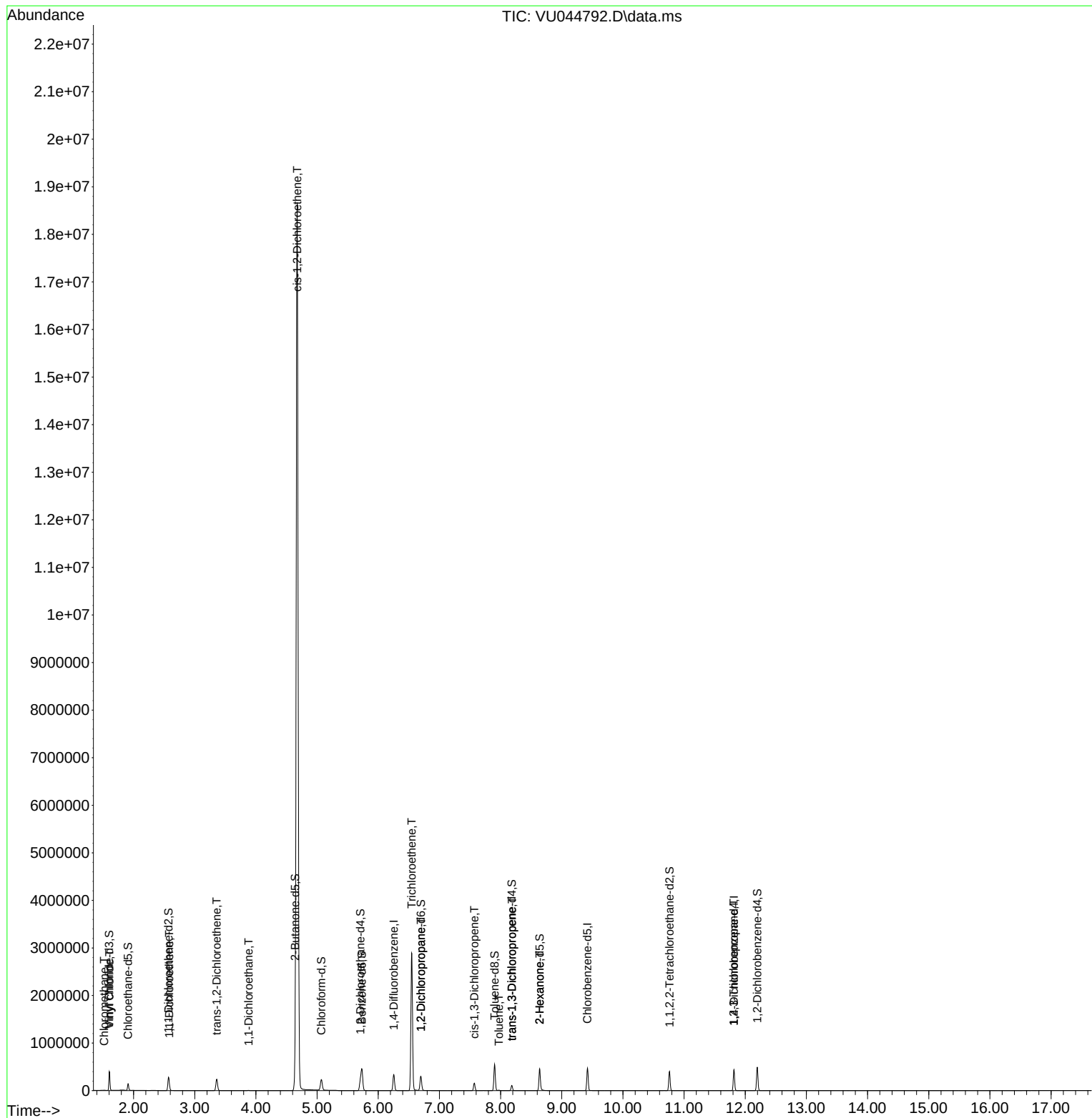
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	256198	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	246417	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	108311	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	129427	46.148	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.300%		
7) Chloroethane-d5	1.909	69	103953	46.774	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.540%		
11) 1,1-Dichloroethene-d2	2.572	63	170323	36.163	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.320%		
21) 2-Butanone-d5	4.642	46	240121	108.296	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	108.300%		
24) Chloroform-d	5.070	84	198400	44.790	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.580%		
26) 1,2-Dichloroethane-d4	5.706	65	142863	47.614	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.220%		
32) Benzene-d6	5.732	84	409763	47.922	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.840%		
36) 1,2-Dichloropropane-d6	6.697	67	136761	49.052	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.100%		
41) Toluene-d8	7.902	98	340459	46.139	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.280%		
43) trans-1,3-Dichloroprop...	8.182	79	57670	46.500	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.000%		
47) 2-Hexanone-d5	8.639	63	156966	101.592	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.590%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	198497	45.721	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.440%		
66) 1,2-Dichlorobenzene-d4	12.198	152	120762	51.232	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.460%		
Target Compounds						Qvalue
3) Chloromethane	1.520	50	2369	0.775	ug/L	99
5) Vinyl chloride	1.607	62	163348	54.527	ug/L	100
12) 1,1-Dichloroethene	2.584	96	13299	6.703	ug/L #	1
17) trans-1,2-Dichloroethene	3.359	96	95590	45.738	ug/L	95
19) 1,1-Dichloroethane	3.880	63	5294	1.218	ug/L	98
20) cis-1,2-Dichloroethene	4.674	96	9086540	3945.585	ug/L	97
34) Trichloroethene	6.546	95	965414	439.781	ug/L	99
37) 1,2-Dichloropropane	6.697	63	15284	6.142	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	3814	1.071	ug/L #	61
42) Toluene	7.973	91	5612	0.604	ug/L	97
44) trans-1,3-Dichloropropene	8.185	75	2665	0.787	ug/L	87
48) 2-Hexanone	8.639	43	19325	5.243	ug/L #	68
60) 1,2,3-Trichloropropane	11.812	75	14539	4.853	ug/L #	66

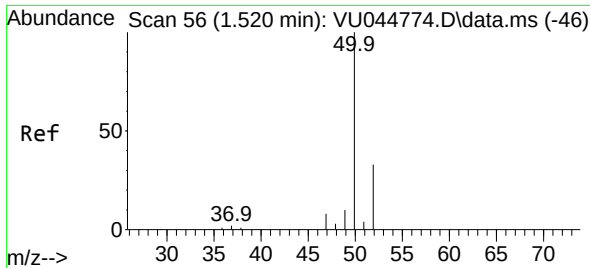
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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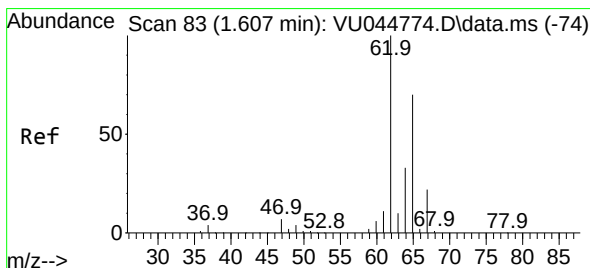
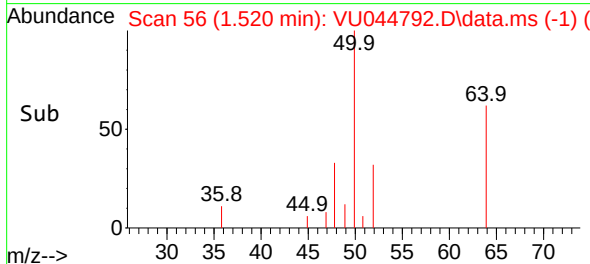
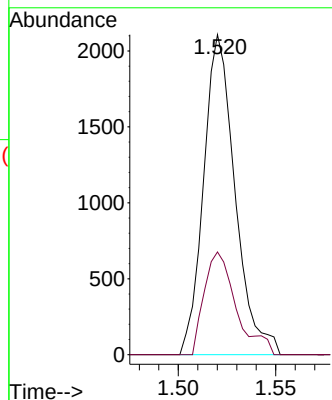
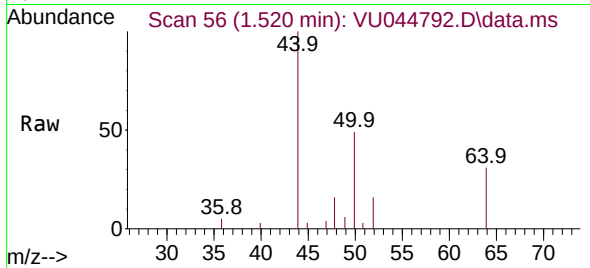




#3
Chloromethane
Concen: 0.775 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU044792.D
Acq: 23 Sep 2021 18:10

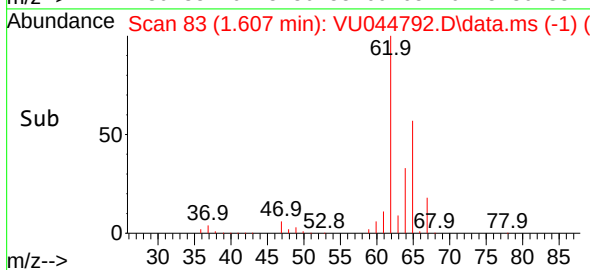
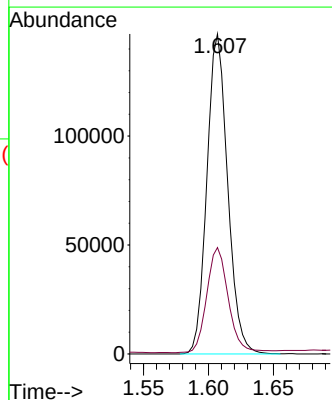
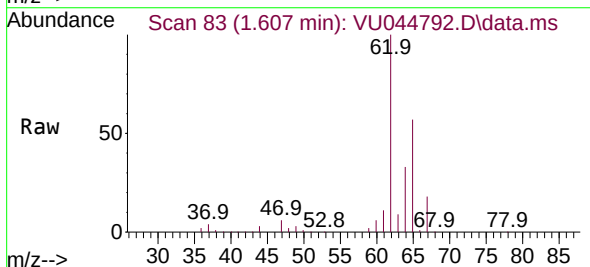
Instrument :
MSVOA_U
ClientSampled :

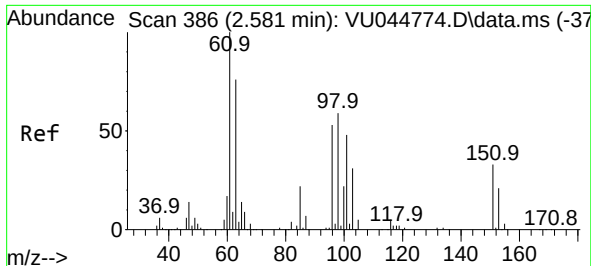
Tgt Ion: 50 Resp: 2369
Ion Ratio Lower Upper
50 100
52 32.1 23.0 42.8



#5
Vinyl chloride
Concen: 54.527 ug/L
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU044792.D
Acq: 23 Sep 2021 18:10

Tgt Ion: 62 Resp: 163348
Ion Ratio Lower Upper
62 100
64 33.2 23.4 43.6





#12

1,1-Dichloroethene

Concen: 6.703 ug/L

RT: 2.584 min Scan# 387

Delta R.T. 0.003 min

Lab File: VU044792.D

Acq: 23 Sep 2021 18:10

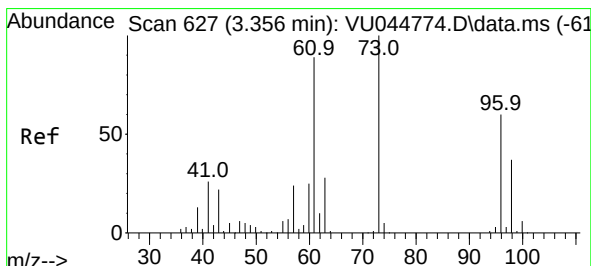
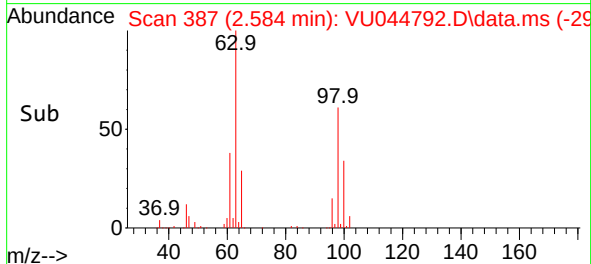
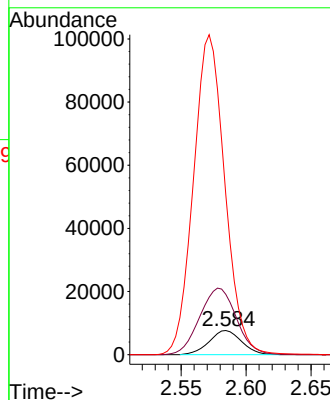
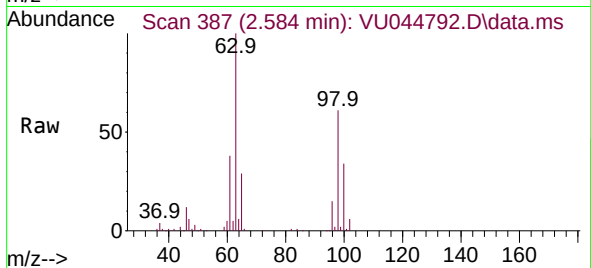
Tgt Ion: 96 Resp: 13299

Ion Ratio Lower Upper

96 100

61 249.7 131.3 243.9#

63 661.9 102.5 190.3#



#17

trans-1,2-Dichloroethene

Concen: 45.738 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.003 min

Lab File: VU044792.D

Acq: 23 Sep 2021 18:10

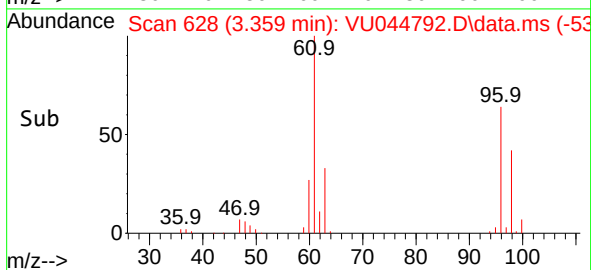
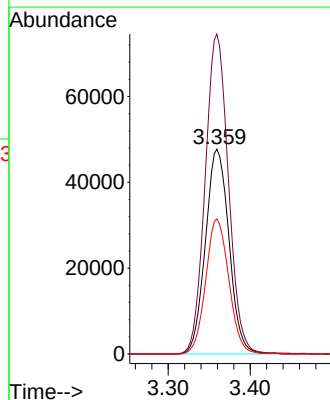
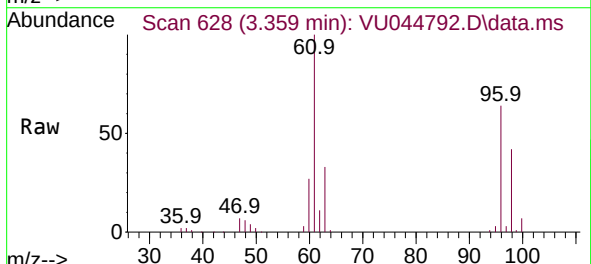
Tgt Ion: 96 Resp: 95590

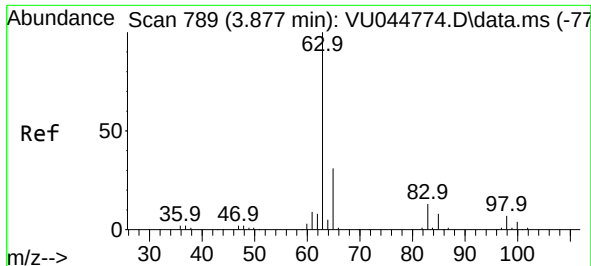
Ion Ratio Lower Upper

96 100

61 156.3 105.1 195.3

98 65.9 43.0 79.8





#19

1,1-Dichloroethane

Concen: 1.218 ug/L

RT: 3.880 min Scan# 790

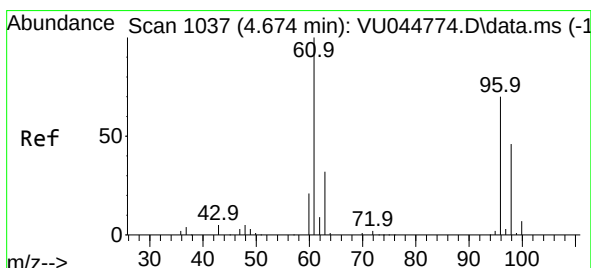
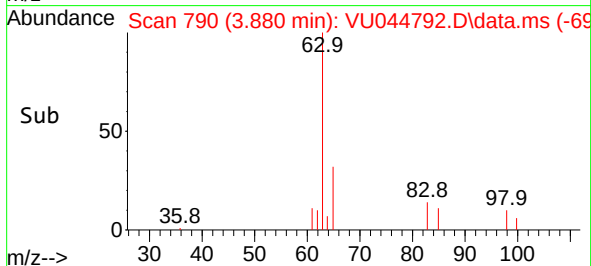
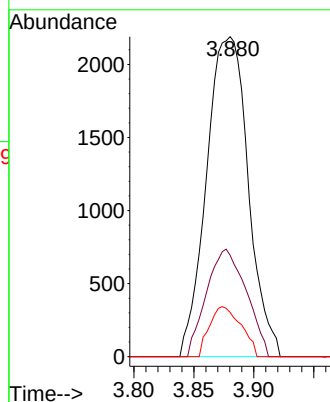
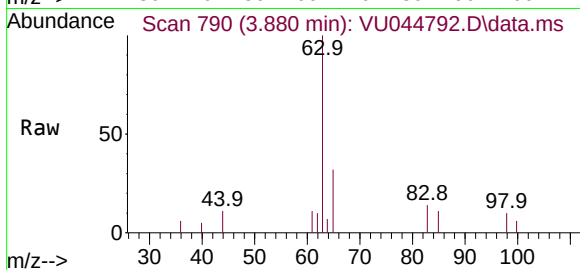
Delta R.T. 0.003 min

Lab File: VU044792.D

Acq: 23 Sep 2021 18:10

Tgt Ion: 63 Resp: 5294

Ion	Ratio	Lower	Upper
63	100		
65	29.6	22.0	40.8
83	12.9	9.0	16.6



#20

cis-1,2-Dichloroethene

Concen: 3945.585 ug/L

RT: 4.674 min Scan# 1037

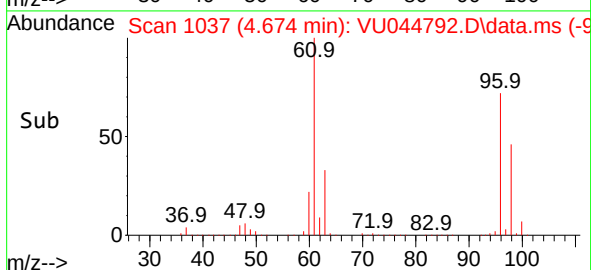
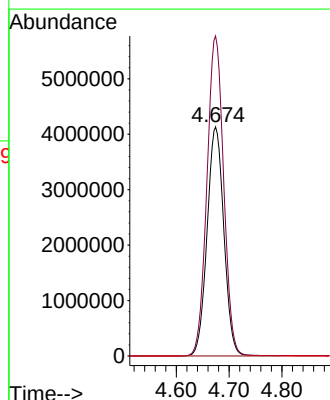
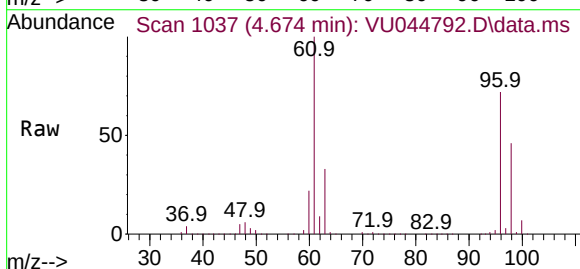
Delta R.T. -0.000 min

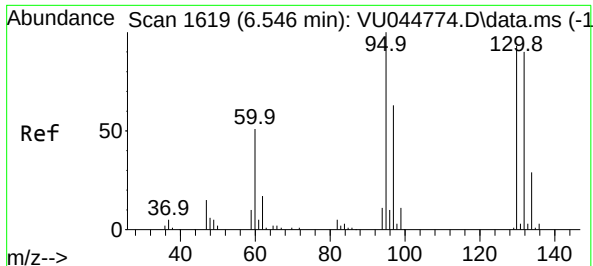
Lab File: VU044792.D

Acq: 23 Sep 2021 18:10

Tgt Ion: 96 Resp: 9086540

Ion	Ratio	Lower	Upper
96	100		
61	139.7	100.2	186.0
68	0.0	0.0	0.0





#34

Trichloroethene

Concen: 439.781 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VU044792.D

Acq: 23 Sep 2021 18:10

Tgt Ion: 95 Resp: 965414

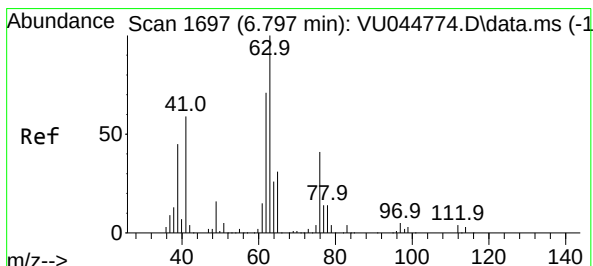
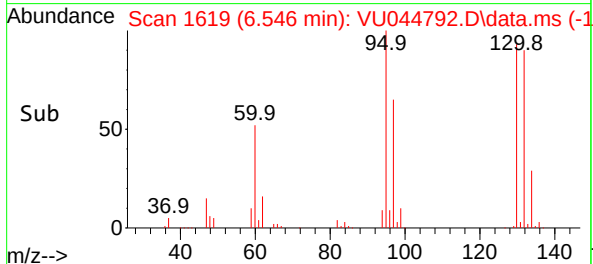
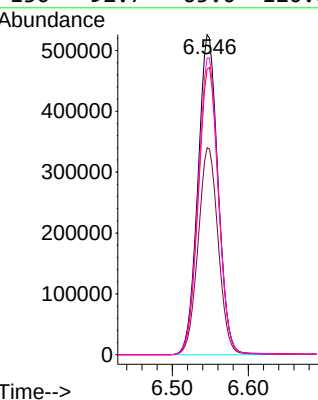
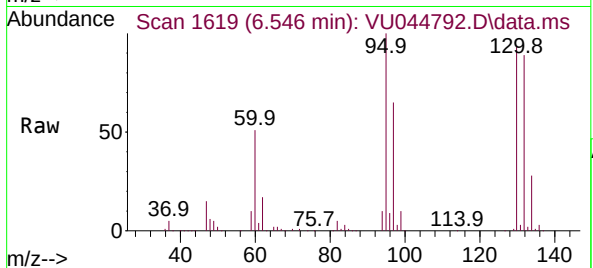
Ion Ratio Lower Upper

95 100

97 64.7 44.4 82.4

132 89.2 62.9 116.9

130 92.7 65.0 120.8



#37

1,2-Dichloropropane

Concen: 6.142 ug/L

RT: 6.697 min Scan# 1666

Delta R.T. -0.100 min

Lab File: VU044792.D

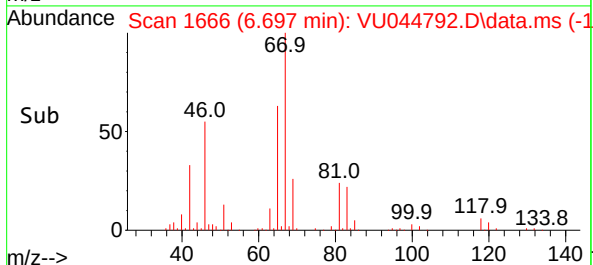
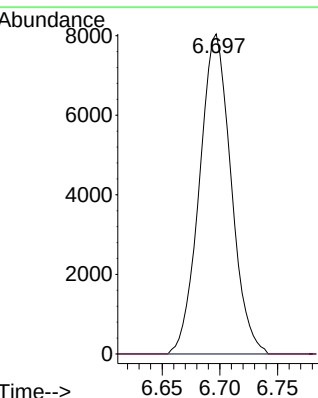
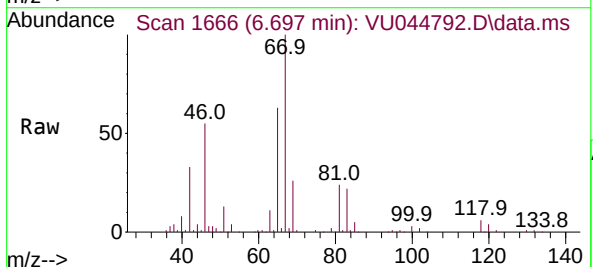
Acq: 23 Sep 2021 18:10

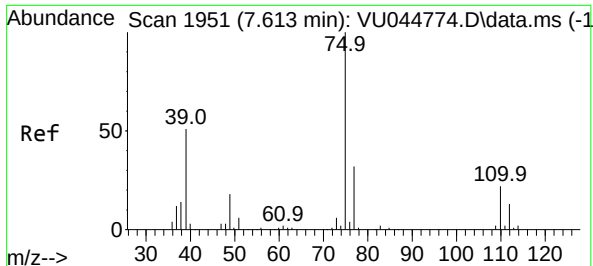
Tgt Ion: 63 Resp: 15284

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



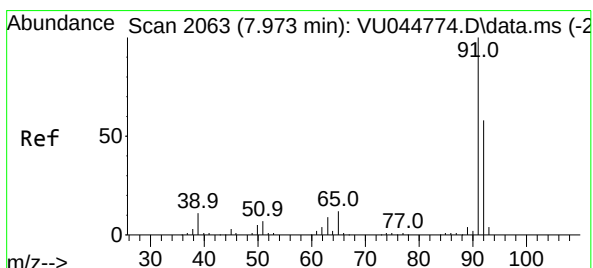
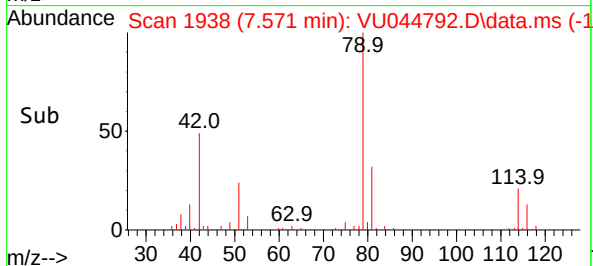
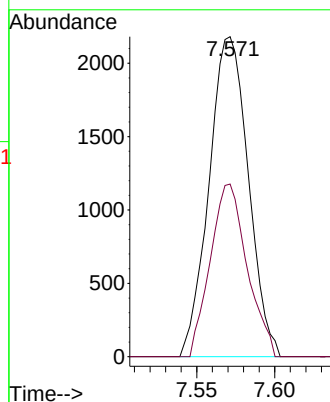
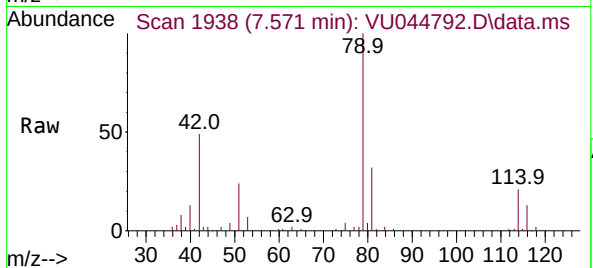


#39

cis-1,3-Dichloropropene
 Concen: 1.071 ug/L
 RT: 7.571 min Scan# 1938
 Delta R.T. -0.042 min
 Lab File: VU044792.D
 Acq: 23 Sep 2021 18:10

Instrument :
 MSVOA_U
 ClientSampled :

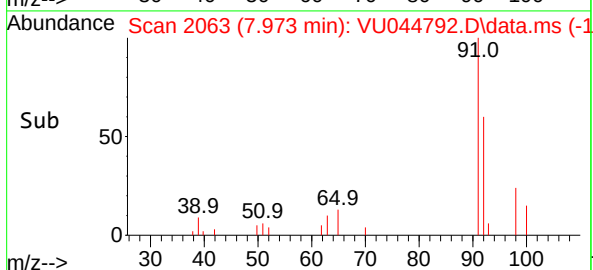
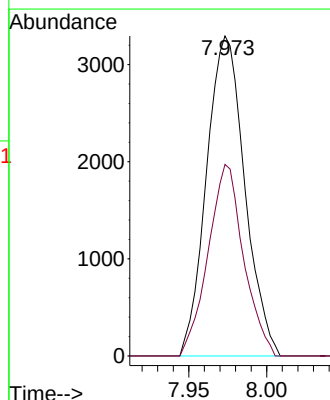
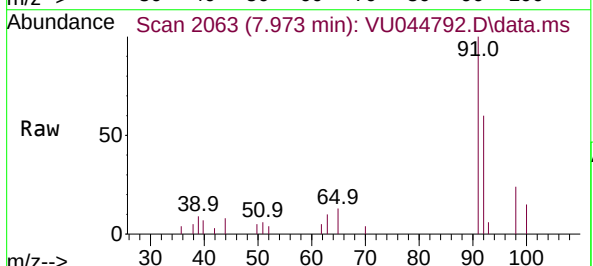
Tgt Ion: 75 Resp: 3814
 Ion Ratio Lower Upper
 75 100
 77 54.0 22.4 41.6#

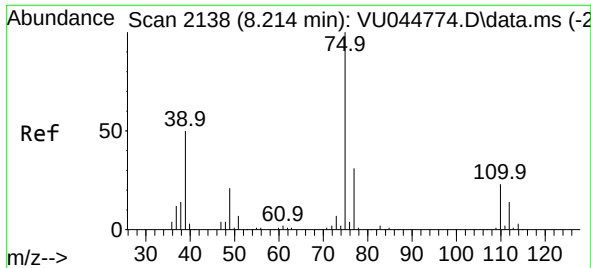


#42

Toluene
 Concen: 0.604 ug/L
 RT: 7.973 min Scan# 2063
 Delta R.T. -0.000 min
 Lab File: VU044792.D
 Acq: 23 Sep 2021 18:10

Tgt Ion: 91 Resp: 5612
 Ion Ratio Lower Upper
 91 100
 92 59.8 40.5 75.1

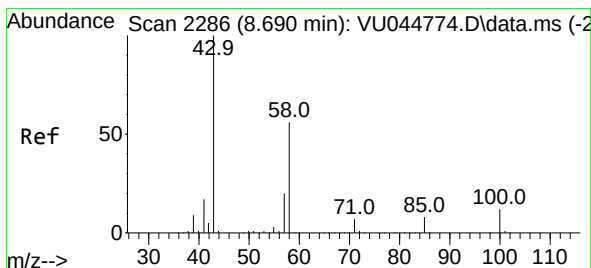
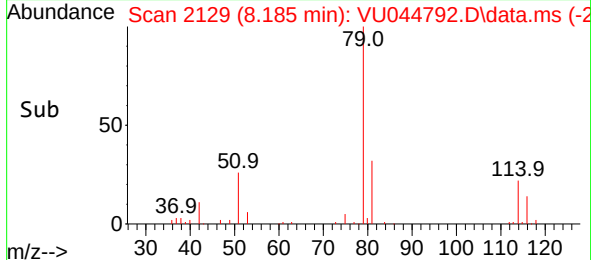
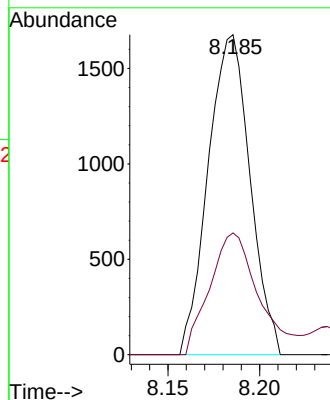
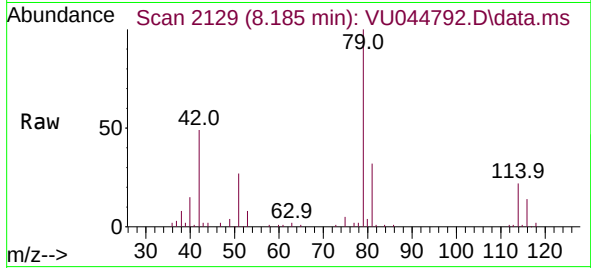




#44
trans-1,3-Dichloropropene
Concen: 0.787 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU044792.D
Acq: 23 Sep 2021 18:10

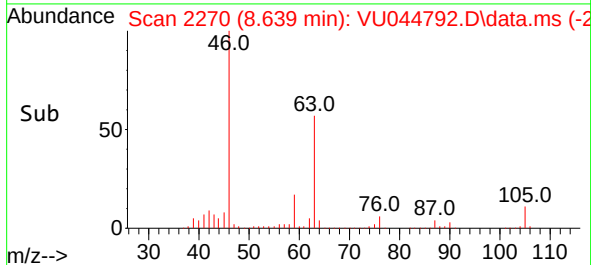
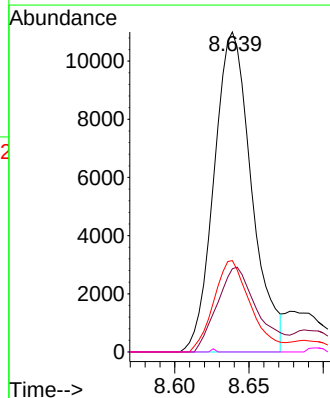
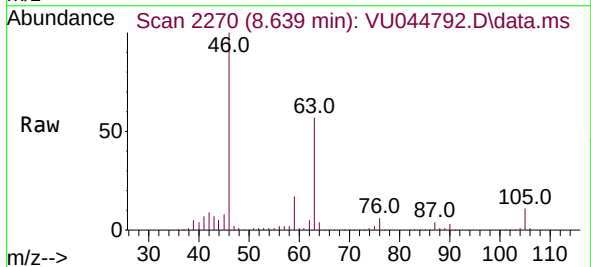
Instrument :
MSVOA_U
ClientSampled :

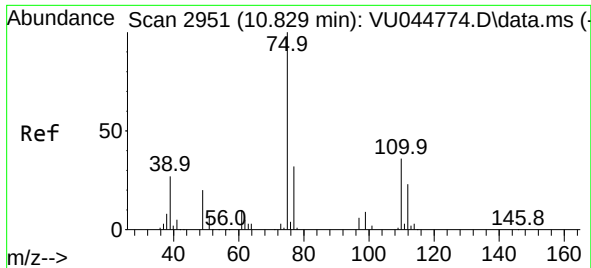
Tgt Ion: 75 Resp: 2665
Ion Ratio Lower Upper
75 100
77 38.0 21.7 40.3



#48
2-Hexanone
Concen: 5.243 ug/L
RT: 8.639 min Scan# 2270
Delta R.T. -0.052 min
Lab File: VU044792.D
Acq: 23 Sep 2021 18:10

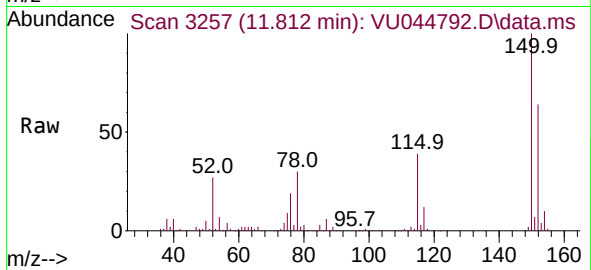
Tgt Ion: 43 Resp: 19325
Ion Ratio Lower Upper
43 100
58 29.1 44.9 67.3#
57 28.3 15.5 23.3#
100 0.0 9.4 14.0#





#60
 1,2,3-Trichloropropane
 Concen: 4.853 ug/L
 RT: 11.812 min Scan# 3257
 Delta R.T. 0.984 min
 Lab File: VU044792.D
 Acq: 23 Sep 2021 18:10

Instrument :
 MSVOA_U
 ClientSampled :



Tgt Ion:	75	Resp:	14539
Ion	Ratio	Lower	Upper
75	100		
77	35.4	25.5	38.3
110	2.3	29.0	43.4#

