

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092421\
 Data File : VU044807.D
 Acq On : 24 Sep 2021 13:15
 Operator : SY/MD
 Sample : M3873-05DL 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 25 02:38:27 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)

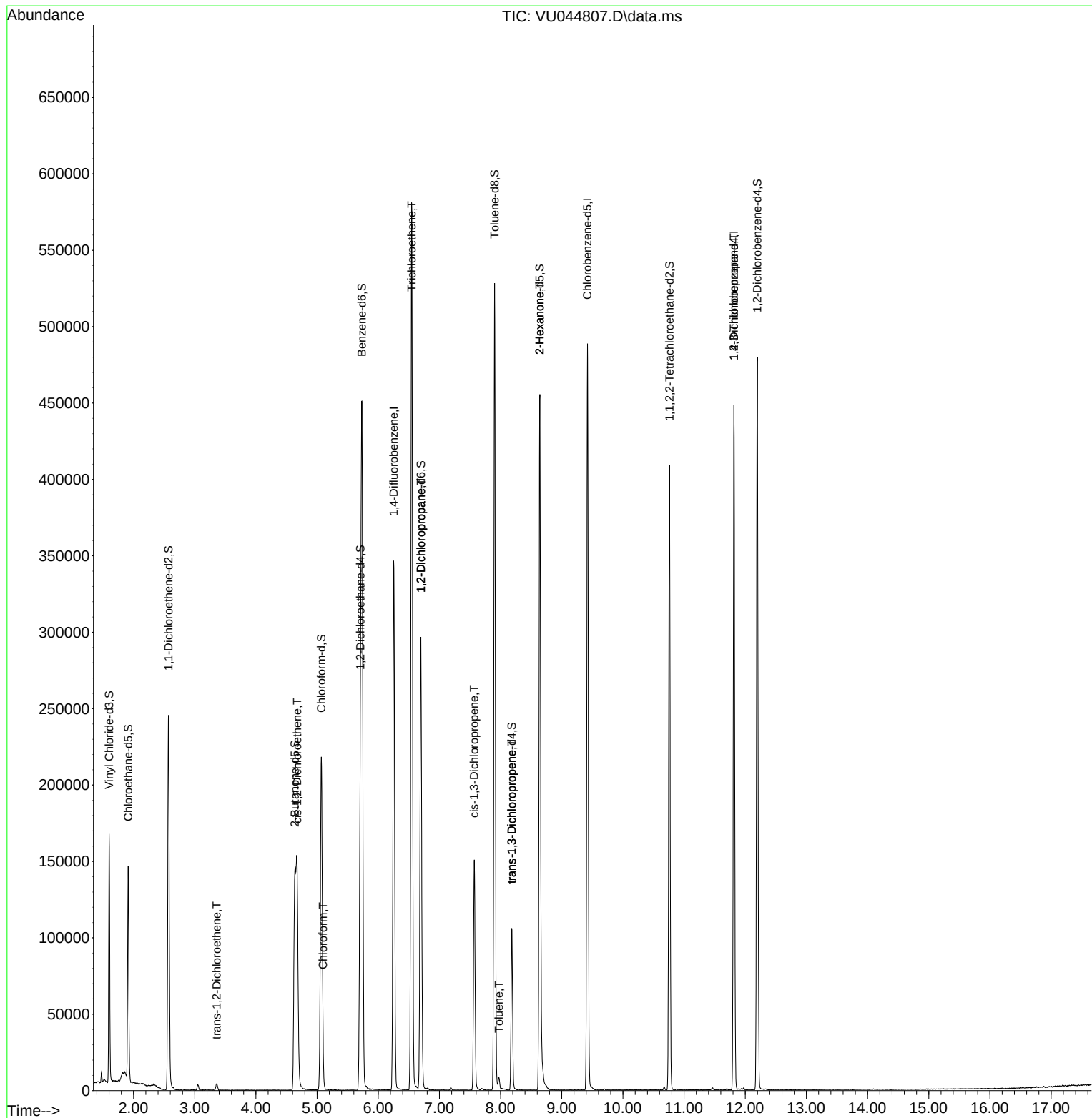
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	263439	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	256551	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	109826	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	113972	39.520	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.040%		
7) Chloroethane-d5	1.912	69	100523	43.987	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.980%		
11) 1,1-Dichloroethene-d2	2.571	63	150253	31.025	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.040%		
21) 2-Butanone-d5	4.636	46	240474	105.475	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	105.470%		
24) Chloroform-d	5.070	84	194926	42.796	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.600%		
26) 1,2-Dichloroethane-d4	5.706	65	141000	45.701	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.400%		
32) Benzene-d6	5.732	84	398221	44.733	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.460%		
36) 1,2-Dichloropropane-d6	6.697	67	134113	46.202	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.400%		
41) Toluene-d8	7.902	98	331442	43.143	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.280%		
43) trans-1,3-Dichloroprop...	8.182	79	56553	43.798	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.600%		
47) 2-Hexanone-d5	8.639	63	162574	101.065	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.070%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	198624	43.943	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.880%		
66) 1,2-Dichlorobenzene-d4	12.198	152	117938	49.344	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.680%		
Target Compounds						Qvalue
17) trans-1,2-Dichloroethene	3.359	96	1711	0.796	ug/L	97
20) cis-1,2-Dichloroethene	4.674	96	57998	24.492	ug/L	97
25) Chloroform	5.095	83	5525	1.243	ug/L	97
34) Trichloroethene	6.545	95	196018	85.766	ug/L	100
37) 1,2-Dichloropropane	6.697	63	15200	5.867	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3635	0.981	ug/L #	73
42) Toluene	7.973	91	4800	0.496	ug/L	98
44) trans-1,3-Dichloropropene	8.182	75	2514	0.713	ug/L #	82
48) 2-Hexanone	8.639	43	19823	5.165	ug/L #	69
60) 1,2,3-Trichloropropane	11.815	75	15274	5.028	ug/L #	69

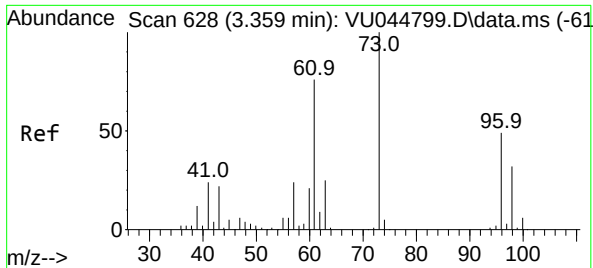
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 25 02:36:00 2021
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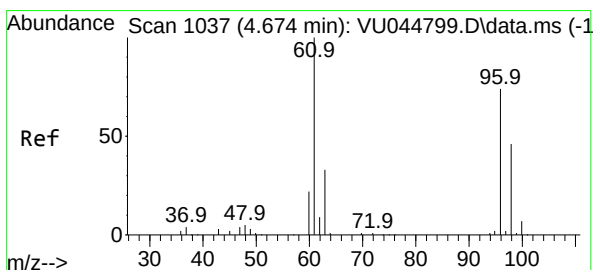
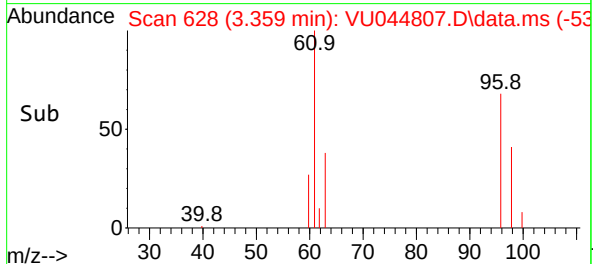
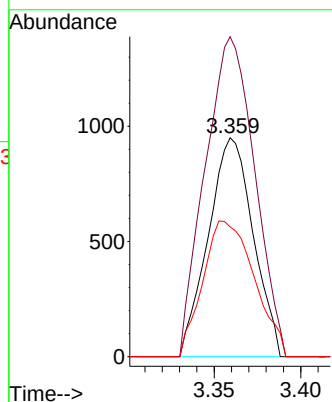
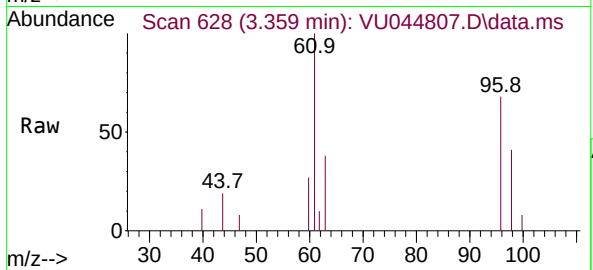




#17
trans-1,2-Dichloroethene
Concen: 0.796 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU044807.D
Acq: 24 Sep 2021 13:15

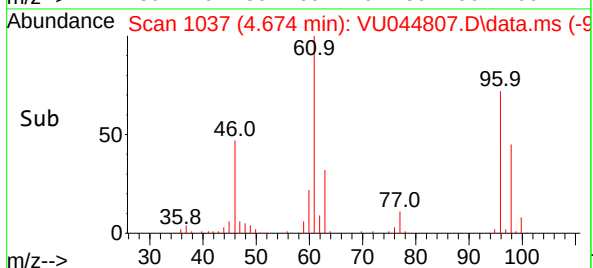
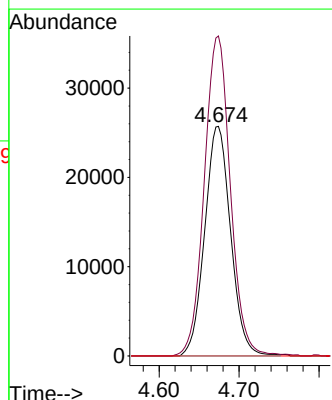
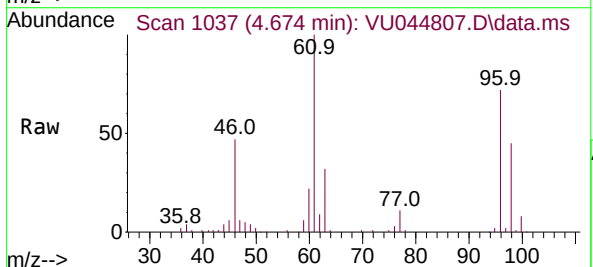
Instrument :
MSVOA_U
ClientSampled :

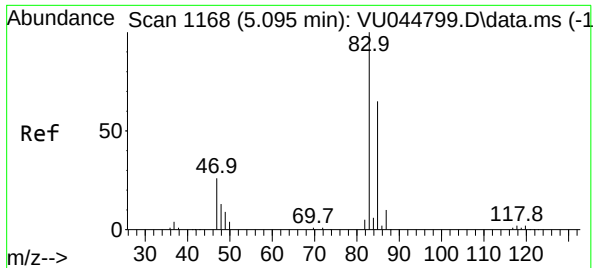
Tgt Ion:	96	Resp:	1711
Ion	Ratio	Lower	Upper
96	100		
61	146.2	105.1	195.3
98	59.3	43.0	79.8



#20
cis-1,2-Dichloroethene
Concen: 24.492 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU044807.D
Acq: 24 Sep 2021 13:15

Tgt Ion:	96	Resp:	57998
Ion	Ratio	Lower	Upper
96	100		
61	139.4	100.2	186.0
68	0.0	0.0	0.0

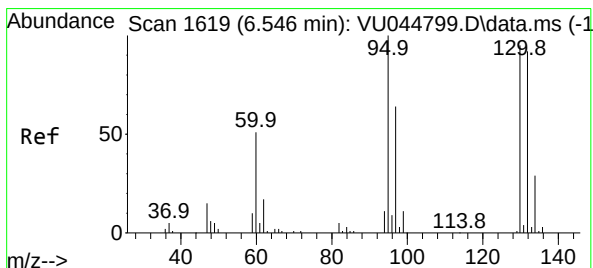
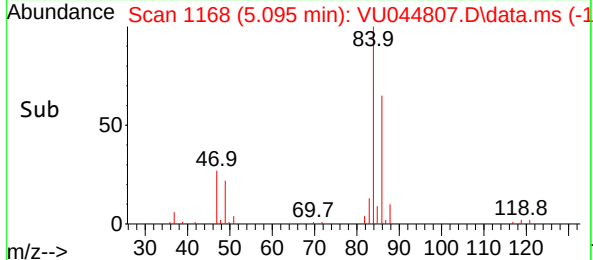
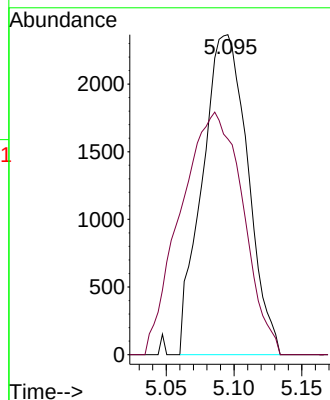
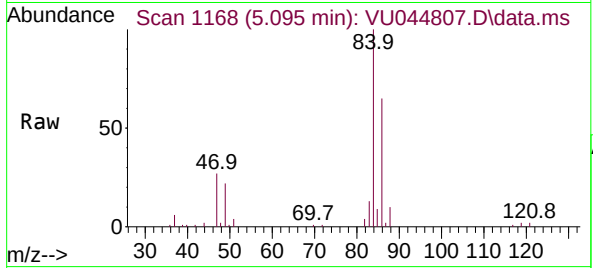




#25
Chloroform
Concen: 1.243 ug/L
RT: 5.095 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VU044807.D
Acq: 24 Sep 2021 13:15

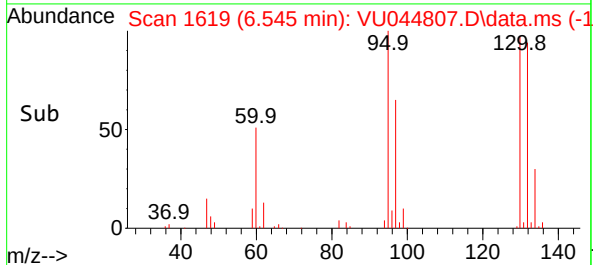
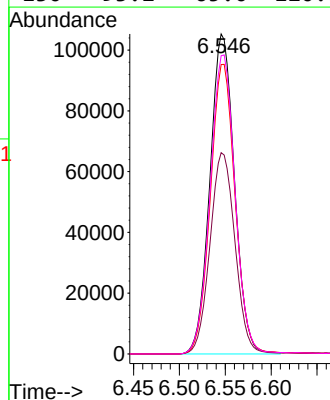
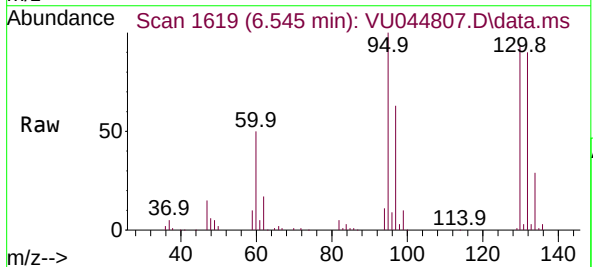
Instrument :
MSVOA_U
ClientSampled :

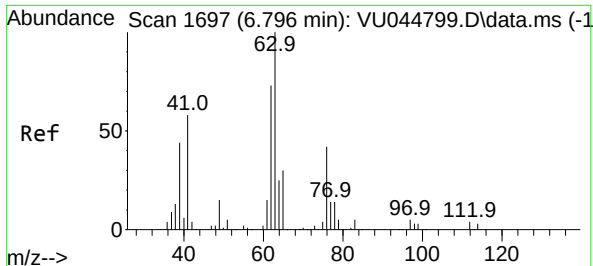
Tgt Ion: 83 Resp: 5525
Ion Ratio Lower Upper
83 100
85 67.4 45.6 84.6



#34
Trichloroethene
Concen: 85.766 ug/L
RT: 6.545 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU044807.D
Acq: 24 Sep 2021 13:15

Tgt Ion: 95 Resp: 196018
Ion Ratio Lower Upper
95 100
97 62.9 44.4 82.4
132 90.4 62.9 116.9
130 93.2 65.0 120.8



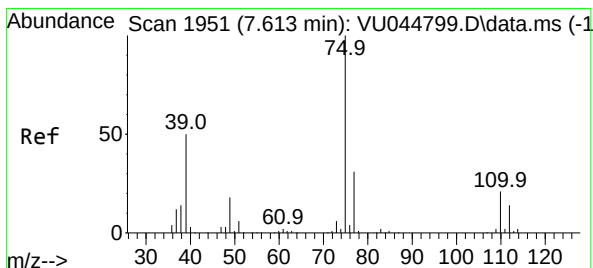
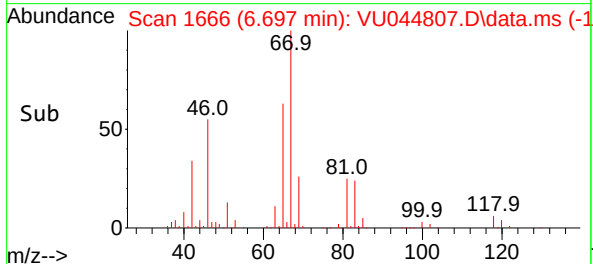
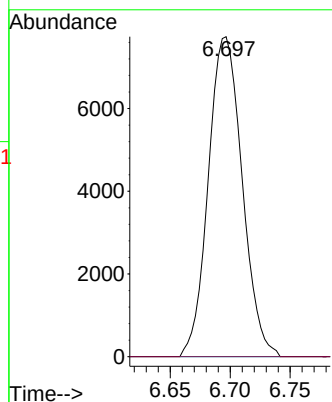
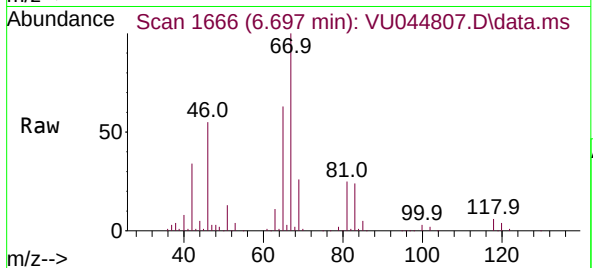


#37

1,2-Dichloropropane
Concen: 5.867 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU044807.D
Acq: 24 Sep 2021 13:15

Instrument :
MSVOA_U
ClientSampled :

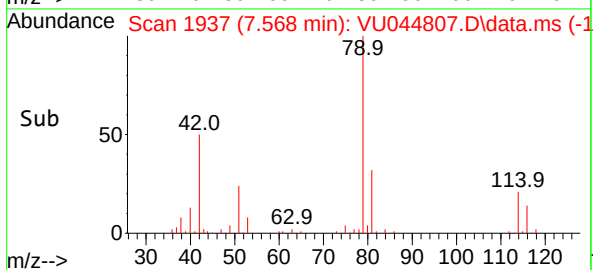
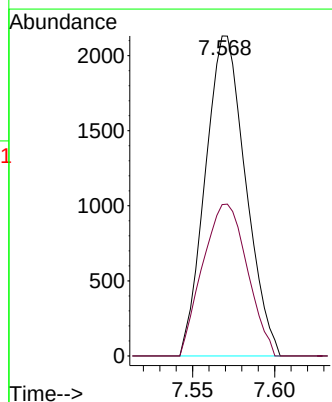
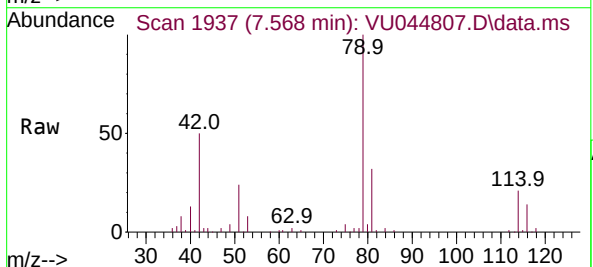
Tgt Ion: 63 Resp: 15200
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

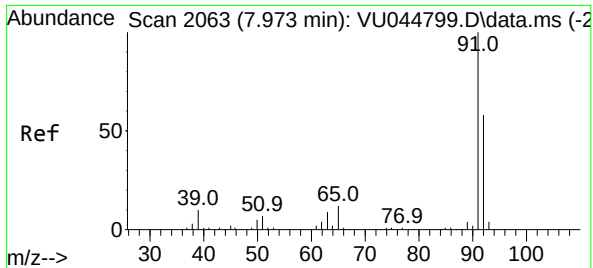


#39

cis-1,3-Dichloropropene
Concen: 0.981 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.045 min
Lab File: VU044807.D
Acq: 24 Sep 2021 13:15

Tgt Ion: 75 Resp: 3635
Ion Ratio Lower Upper
75 100
77 47.3 22.4 41.6#

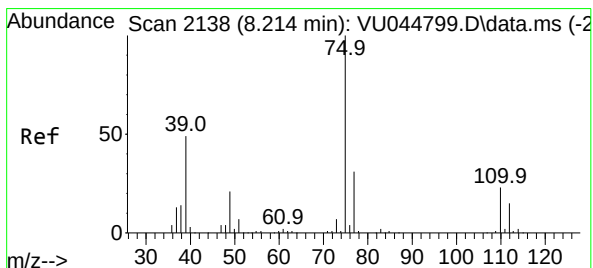
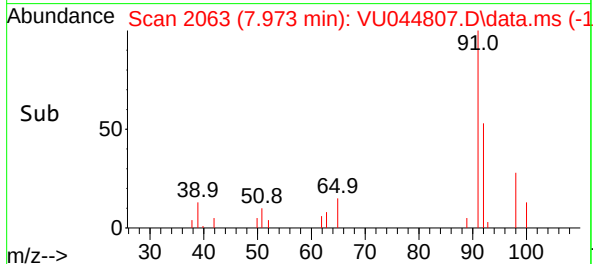
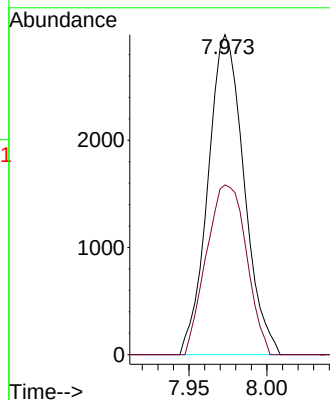
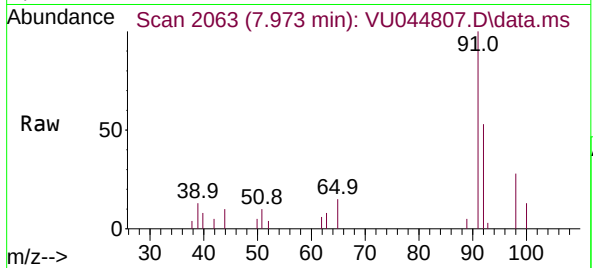




#42
Toluene
Concen: 0.496 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU044807.D
Acq: 24 Sep 2021 13:15

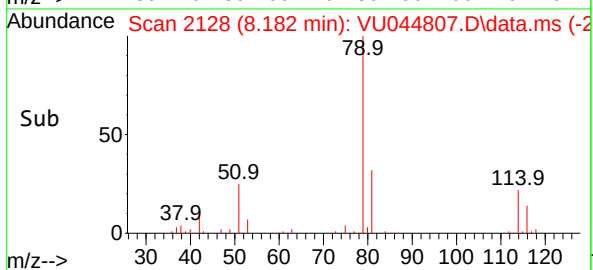
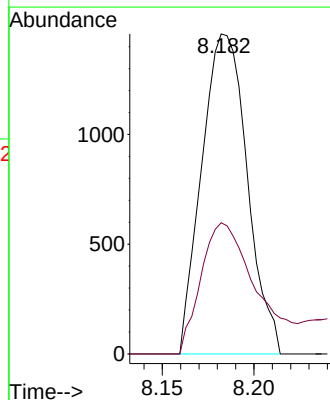
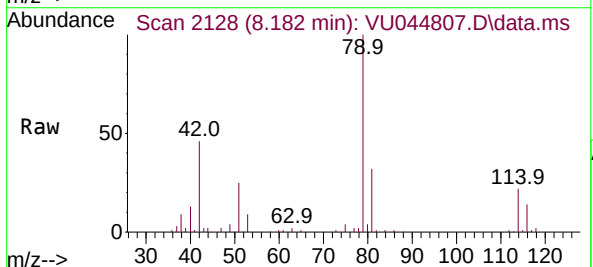
Instrument :
MSVOA_U
ClientSampled :

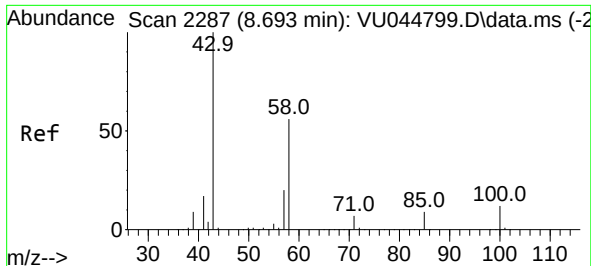
Tgt Ion: 91 Resp: 4800
Ion Ratio Lower Upper
91 100
92 56.5 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.713 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU044807.D
Acq: 24 Sep 2021 13:15

Tgt Ion: 75 Resp: 2514
Ion Ratio Lower Upper
75 100
77 41.0 21.7 40.3#

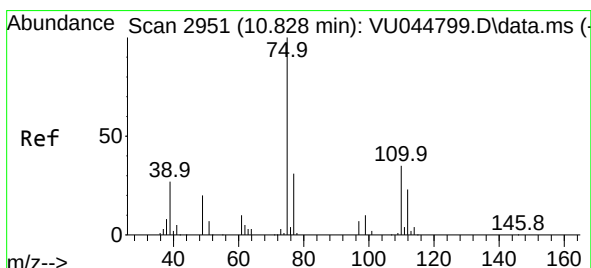
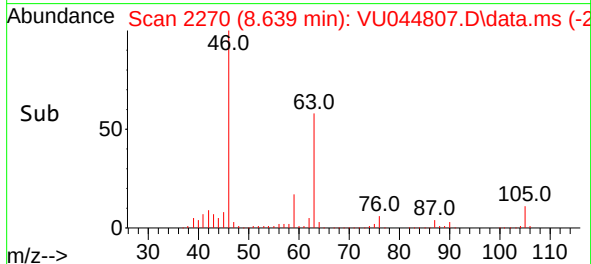
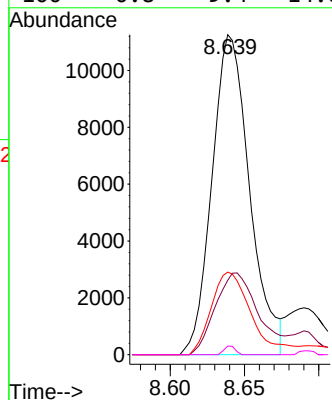
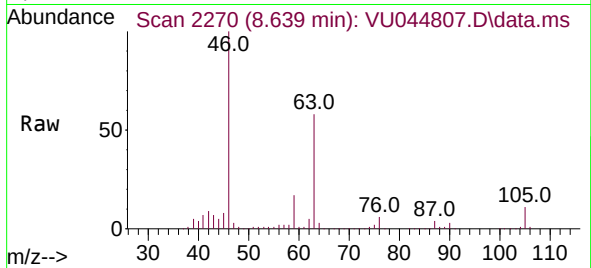




#48
2-Hexanone
Concen: 5.165 ug/L
RT: 8.639 min Scan# 2270
Delta R.T. -0.055 min
Lab File: VU044807.D
Acq: 24 Sep 2021 13:15

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:	43	Resp:	19823
Ion	Ratio	Lower	Upper
43	100		
58	29.4	44.9	67.3#
57	27.7	15.5	23.3#
100	0.8	9.4	14.0#



#60
1,2,3-Trichloropropane
Concen: 5.028 ug/L
RT: 11.815 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU044807.D
Acq: 24 Sep 2021 13:15

Tgt Ion:	75	Resp:	15274
Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.5	38.3
110	2.0	29.0	43.4#

