

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
 Data File : VU045094.D
 Acq On : 04 Oct 2021 14:25
 Operator : SY/MD
 Sample : M3996-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A13

Quant Time: Oct 05 02:44:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 05 02:41:56 2021
 Response via : Initial Calibration

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

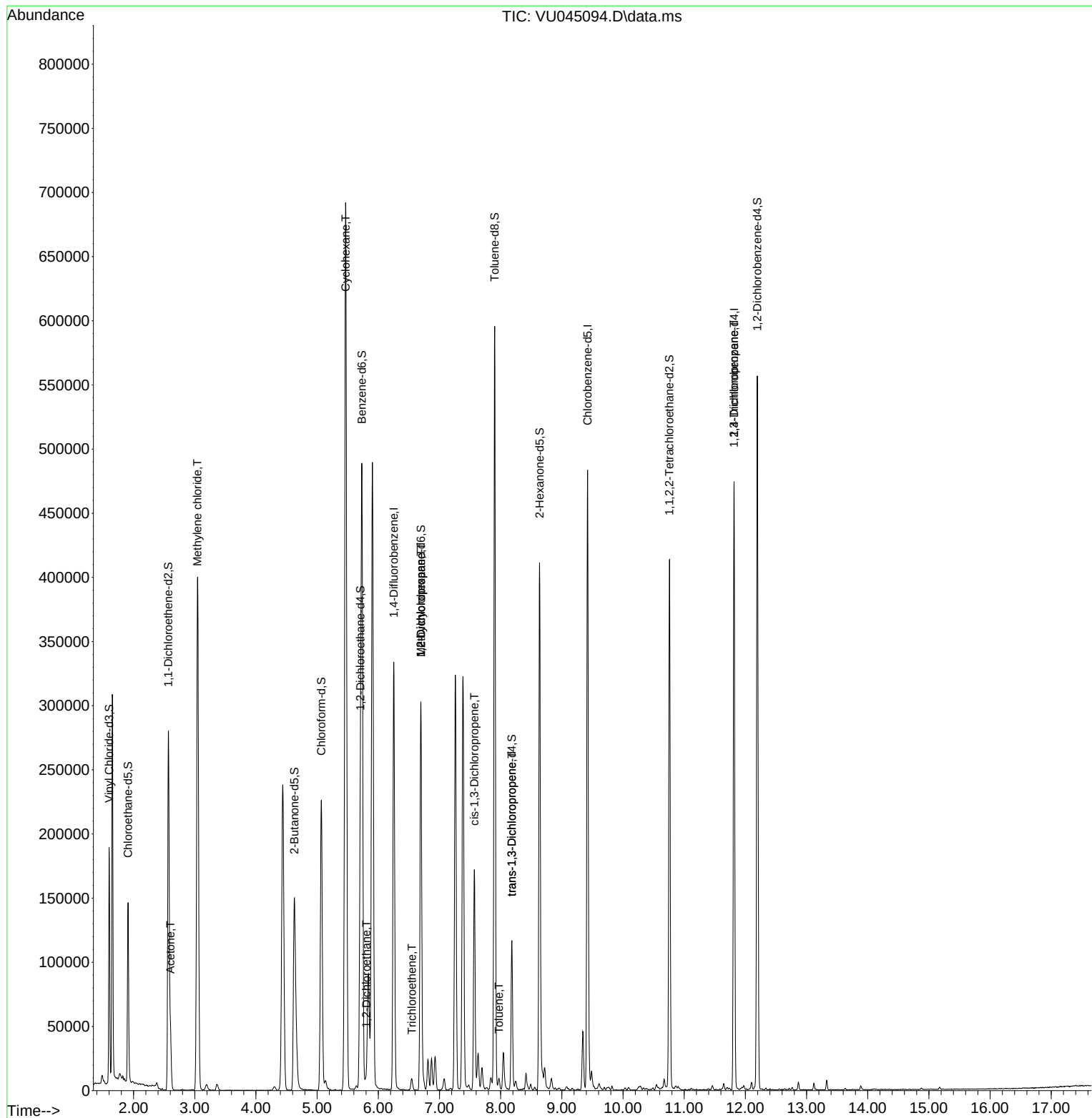
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	259125	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	249261	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	112142	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	125744	44.328	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.660%		
7) Chloroethane-d5	1.909	69	103942	46.240	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.480%		
11) 1,1-Dichloroethene-d2	2.568	63	164866	34.609	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.220%		
21) 2-Butanone-d5	4.626	46	205109	91.461	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.460%		
24) Chloroform-d	5.070	84	205306	45.825	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.660%		
26) 1,2-Dichloroethane-d4	5.706	65	145941	48.090	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.180%		
32) Benzene-d6	5.732	84	433215	50.087	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.180%		
36) 1,2-Dichloropropane-d6	6.697	67	136586	48.431	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.860%		
41) Toluene-d8	7.902	98	375084	50.251	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.500%		
43) trans-1,3-Dichloroprop...	8.182	79	61975	49.401	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.800%		
47) 2-Hexanone-d5	8.636	63	144079	92.187	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.190%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	202917	46.205	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.420%		
66) 1,2-Dichlorobenzene-d4	12.195	152	134683	55.186	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	110.380%		
Target Compounds					Qvalue	
13) Acetone	2.600	43	17213	6.640	ug/L	54
16) Methylene chloride	3.041	84	2594	1.020	ug/L #	1
27) 1,2-Dichloroethane	5.803	62	5031	1.376	ug/L #	95
29) Cyclohexane	5.465	56	344894	92.052	ug/L #	19
34) Trichloroethene	6.549	95	2397	1.079	ug/L	91
35) Methylcyclohexane	6.697	83	33461	9.001	ug/L #	16
37) 1,2-Dichloropropane	6.697	63	15737	6.252	ug/L #	95
39) cis-1,3-Dichloropropene	7.571	75	4170	1.158	ug/L #	76
42) Toluene	7.973	91	6033	0.642	ug/L	93
44) trans-1,3-Dichloropropene	8.182	75	2853	0.833	ug/L #	83
60) 1,2,3-Trichloropropane	11.812	75	15721	5.069	ug/L #	67

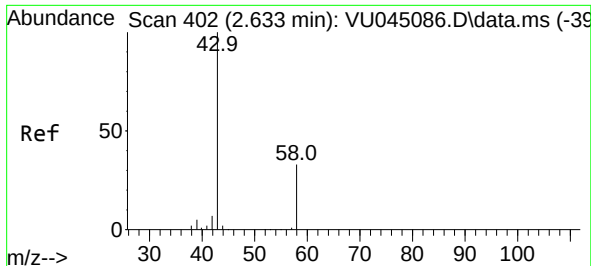
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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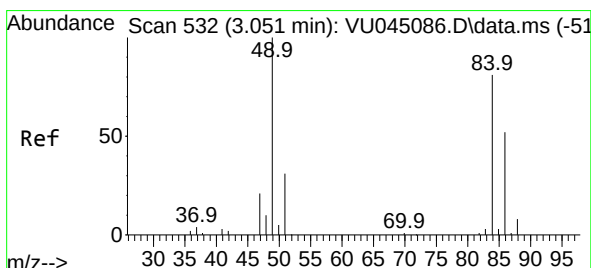
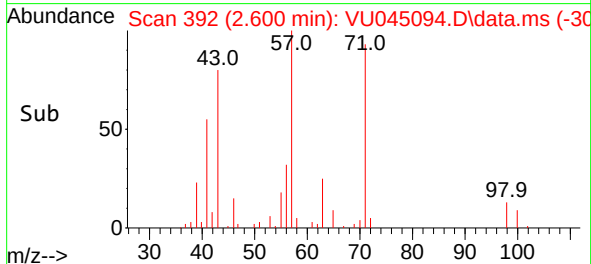
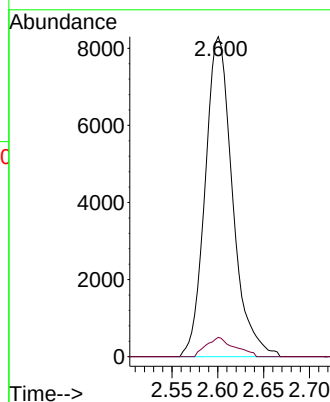
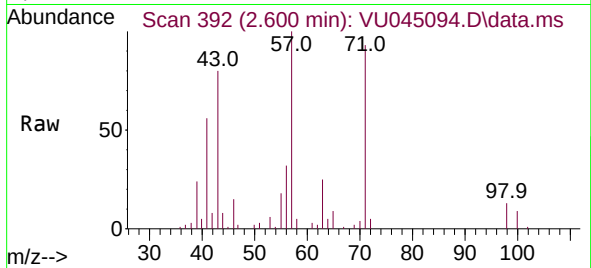




#13
Acetone
Concen: 6.640 ug/L
RT: 2.600 min Scan# 392
Delta R.T. -0.032 min
Lab File: VU045094.D
Acq: 04 Oct 2021 14:25

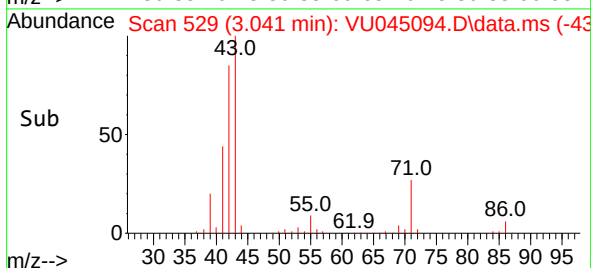
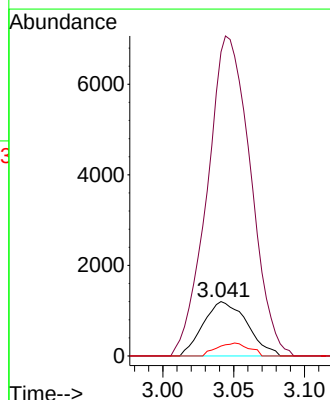
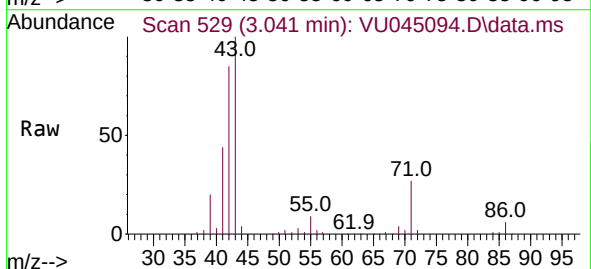
Instrument :
MSVOA_U
ClientSampled :
F4A13

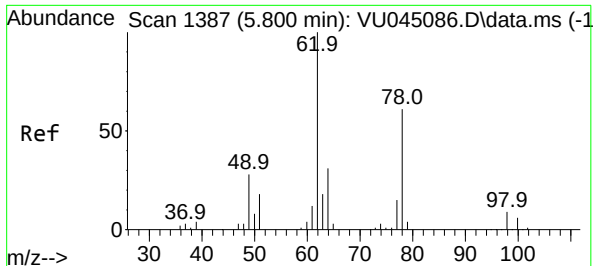
Tgt Ion: 43 Resp: 17213
Ion Ratio Lower Upper
43 100
58 6.2 0.0 62.8



#16
Methylene chloride
Concen: 1.020 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.010 min
Lab File: VU045094.D
Acq: 04 Oct 2021 14:25

Tgt Ion: 84 Resp: 2594
Ion Ratio Lower Upper
84 100
86 557.9 44.7 83.1#
49 18.1 92.9 172.5#





#27

1,2-Dichloroethane

Concen: 1.376 ug/L

RT: 5.803 min Scan# 1388

Delta R.T. 0.003 min

Lab File: VU045094.D

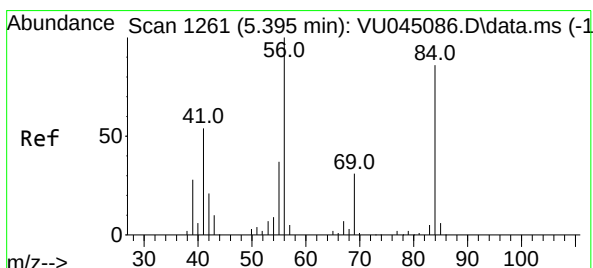
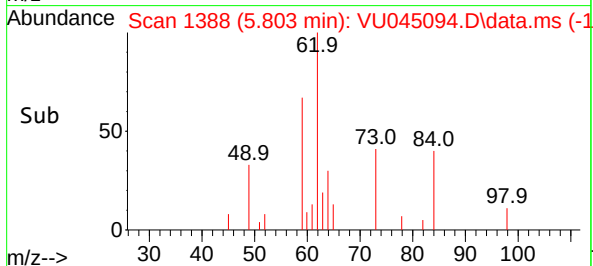
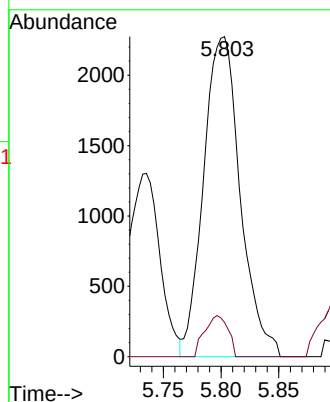
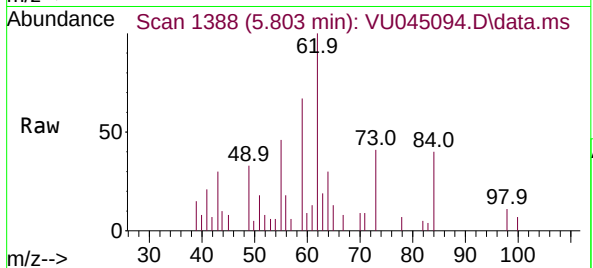
Acq: 04 Oct 2021 14:25

Tgt Ion: 62 Resp: 5031

Ion Ratio Lower Upper

62 100

98 10.7 7.1 10.7#



#29

Cyclohexane

Concen: 92.052 ug/L

RT: 5.465 min Scan# 1283

Delta R.T. 0.071 min

Lab File: VU045094.D

Acq: 04 Oct 2021 14:25

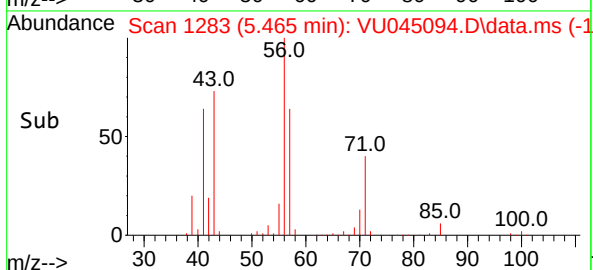
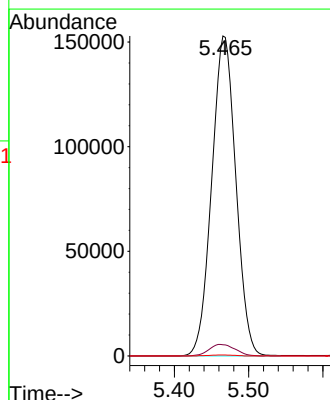
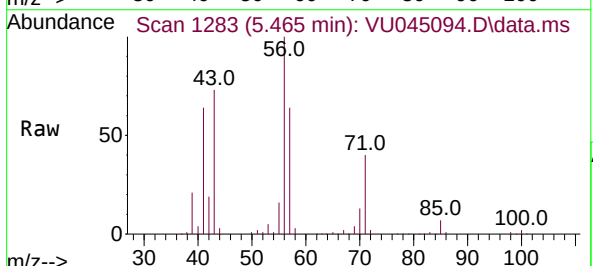
Tgt Ion: 56 Resp: 344894

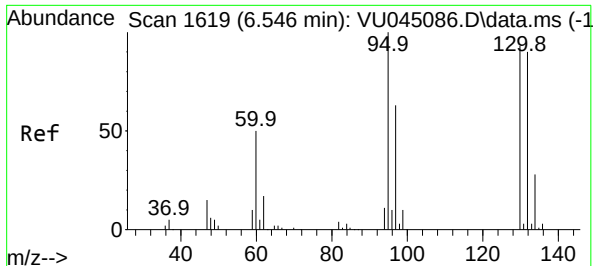
Ion Ratio Lower Upper

56 100

69 3.9 23.8 35.8#

84 0.2 66.8 100.2#



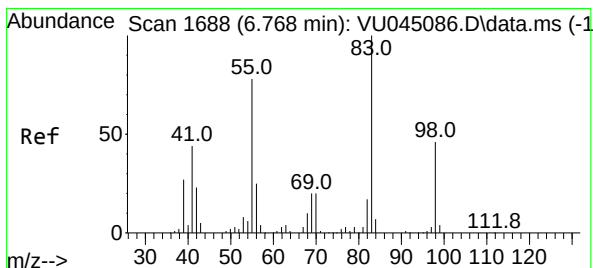
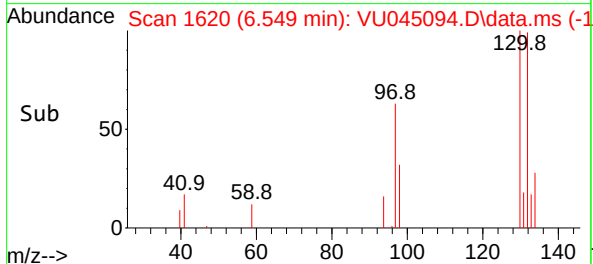
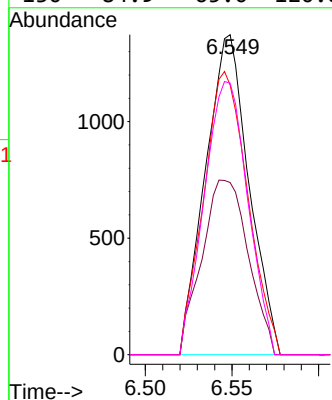
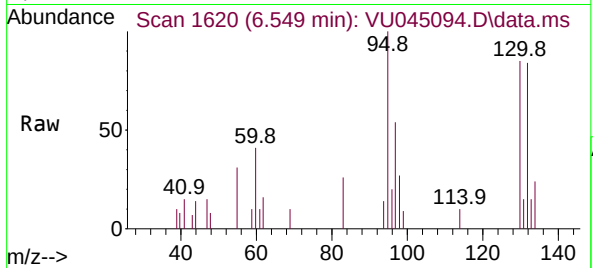


#34
Trichloroethene
Concen: 1.079 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.003 min
Lab File: VU045094.D
Acq: 04 Oct 2021 14:25

Instrument :
MSVOA_U
ClientSampled :
F4A13

Tgt Ion: 95 Resp: 2397

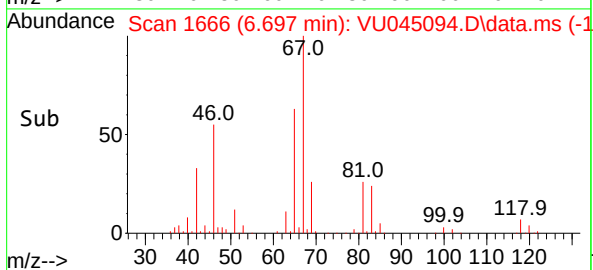
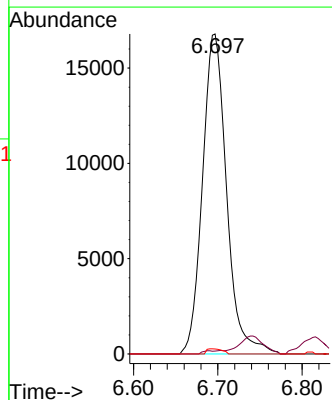
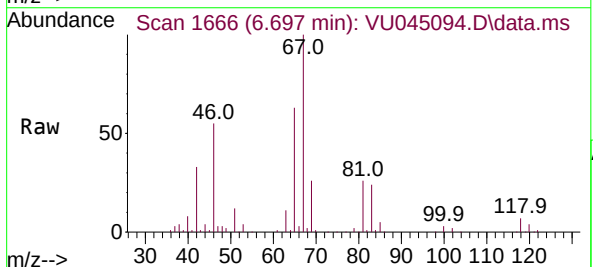
Ion	Ratio	Lower	Upper
95	100		
97	53.8	44.4	82.4
132	84.3	62.9	116.9
130	84.9	65.0	120.8

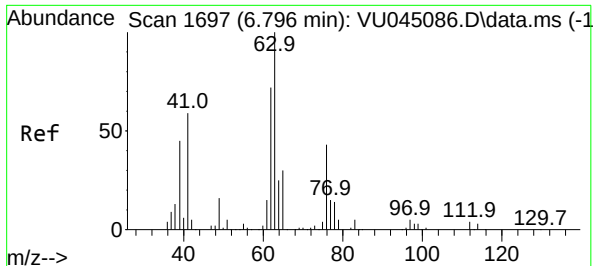


#35
Methylcyclohexane
Concen: 9.001 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.071 min
Lab File: VU045094.D
Acq: 04 Oct 2021 14:25

Tgt Ion: 83 Resp: 33461

Ion	Ratio	Lower	Upper
83	100		
55	0.3	65.8	98.6#
98	0.0	37.1	55.7#



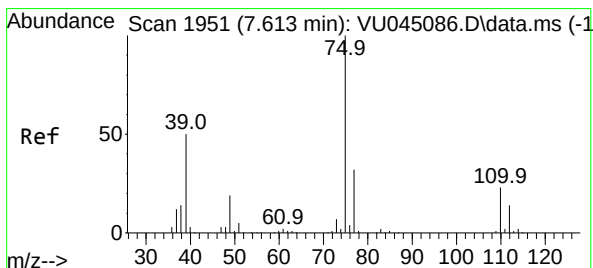
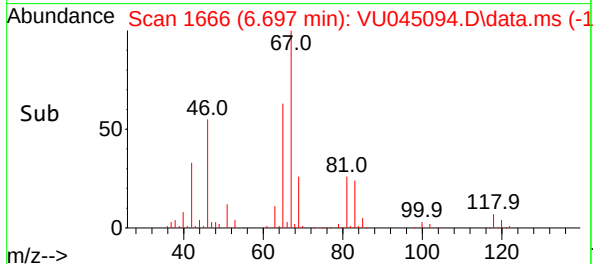
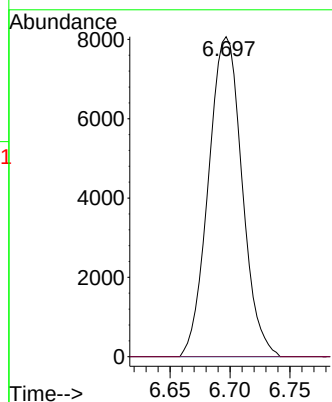
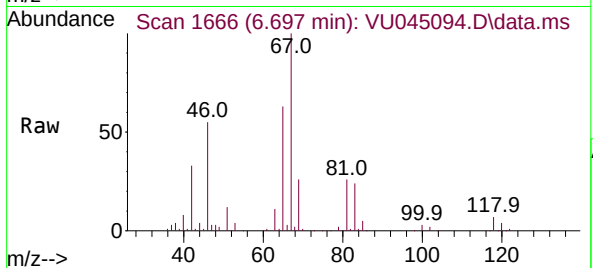


#37

1,2-Dichloropropane
Concen: 6.252 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU045094.D
Acq: 04 Oct 2021 14:25

Instrument :
MSVOA_U
ClientSampled :
F4A13

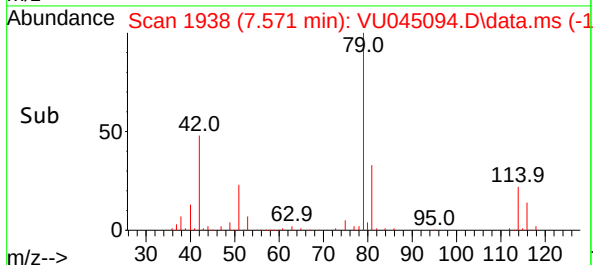
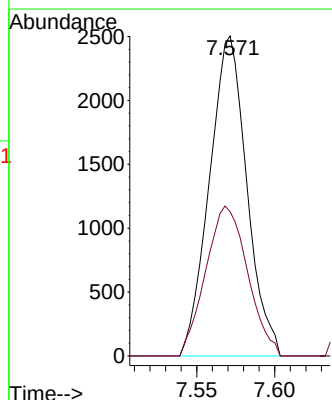
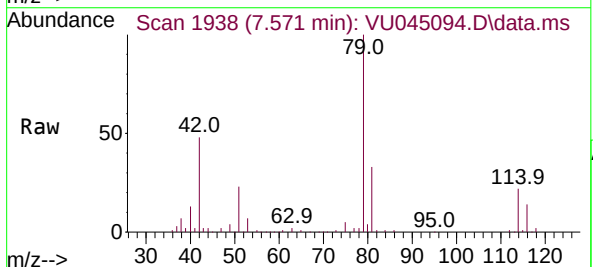
Tgt Ion: 63 Resp: 15737
Ion Ratio Lower Upper
63 100
112 5.5 3.2 4.8#

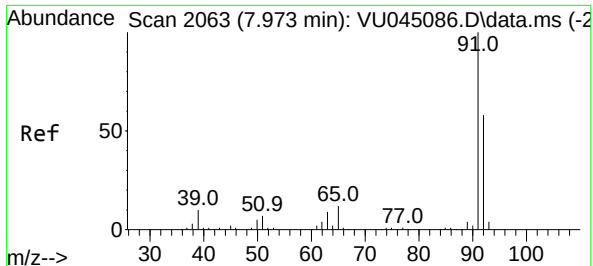


#39

cis-1,3-Dichloropropene
Concen: 1.158 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU045094.D
Acq: 04 Oct 2021 14:25

Tgt Ion: 75 Resp: 4170
Ion Ratio Lower Upper
75 100
77 45.1 22.4 41.6#

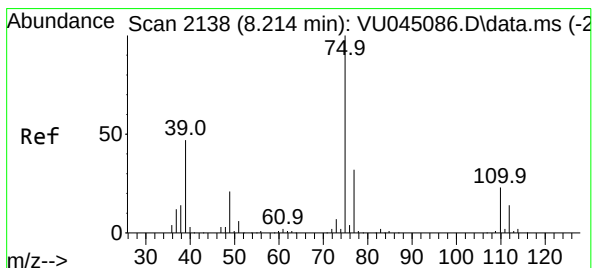
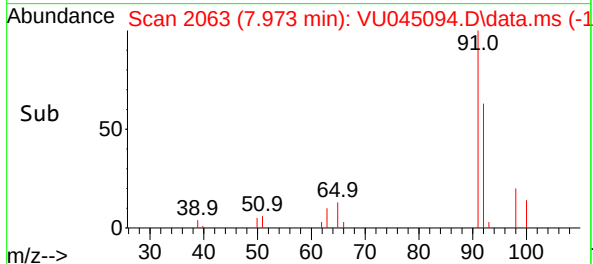
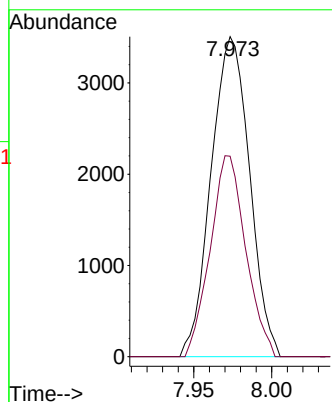
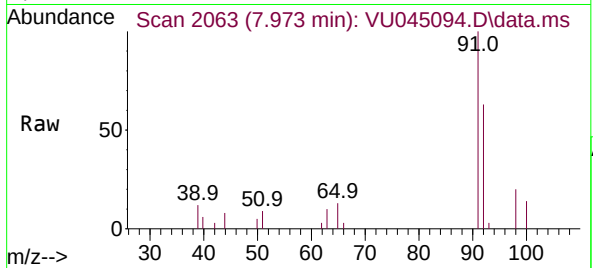




#42
Toluene
Concen: 0.642 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045094.D
Acq: 04 Oct 2021 14:25

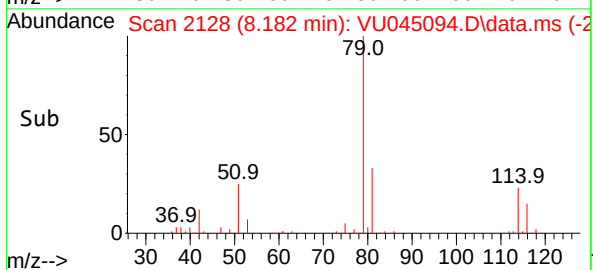
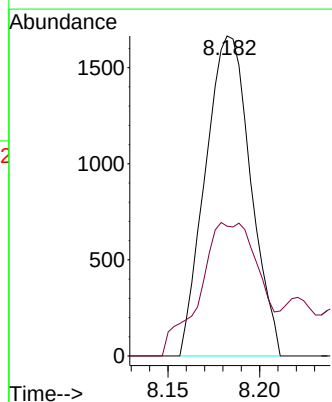
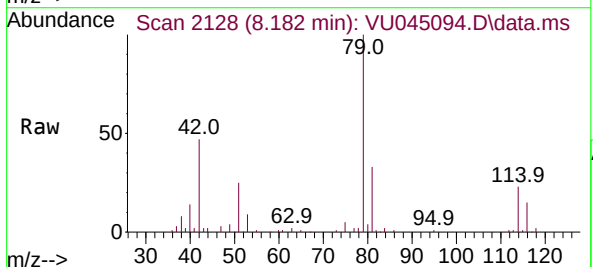
Instrument :
MSVOA_U
ClientSampled :
F4A13

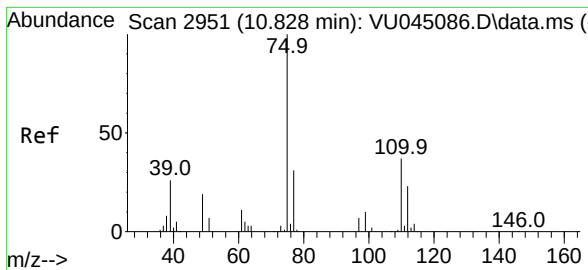
Tgt Ion: 91 Resp: 6033
Ion Ratio Lower Upper
91 100
92 62.6 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.833 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045094.D
Acq: 04 Oct 2021 14:25

Tgt Ion: 75 Resp: 2853
Ion Ratio Lower Upper
75 100
77 40.5 21.7 40.3#





#60
 1,2,3-Trichloropropane
 Concen: 5.069 ug/L
 RT: 11.812 min Scan# 3257
 Delta R.T. 0.984 min
 Lab File: VU045094.D
 Acq: 04 Oct 2021 14:25

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A13

Tgt Ion:	75	Resp:	15721
Ion	Ratio	Lower	Upper
75	100		
77	34.2	25.5	38.3
110	1.8	29.0	43.4#

