

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
 Data File : VU045102.D
 Acq On : 04 Oct 2021 17:31
 Operator : SY/MD
 Sample : M3996-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A42

Quant Time: Oct 05 02:47:10 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)

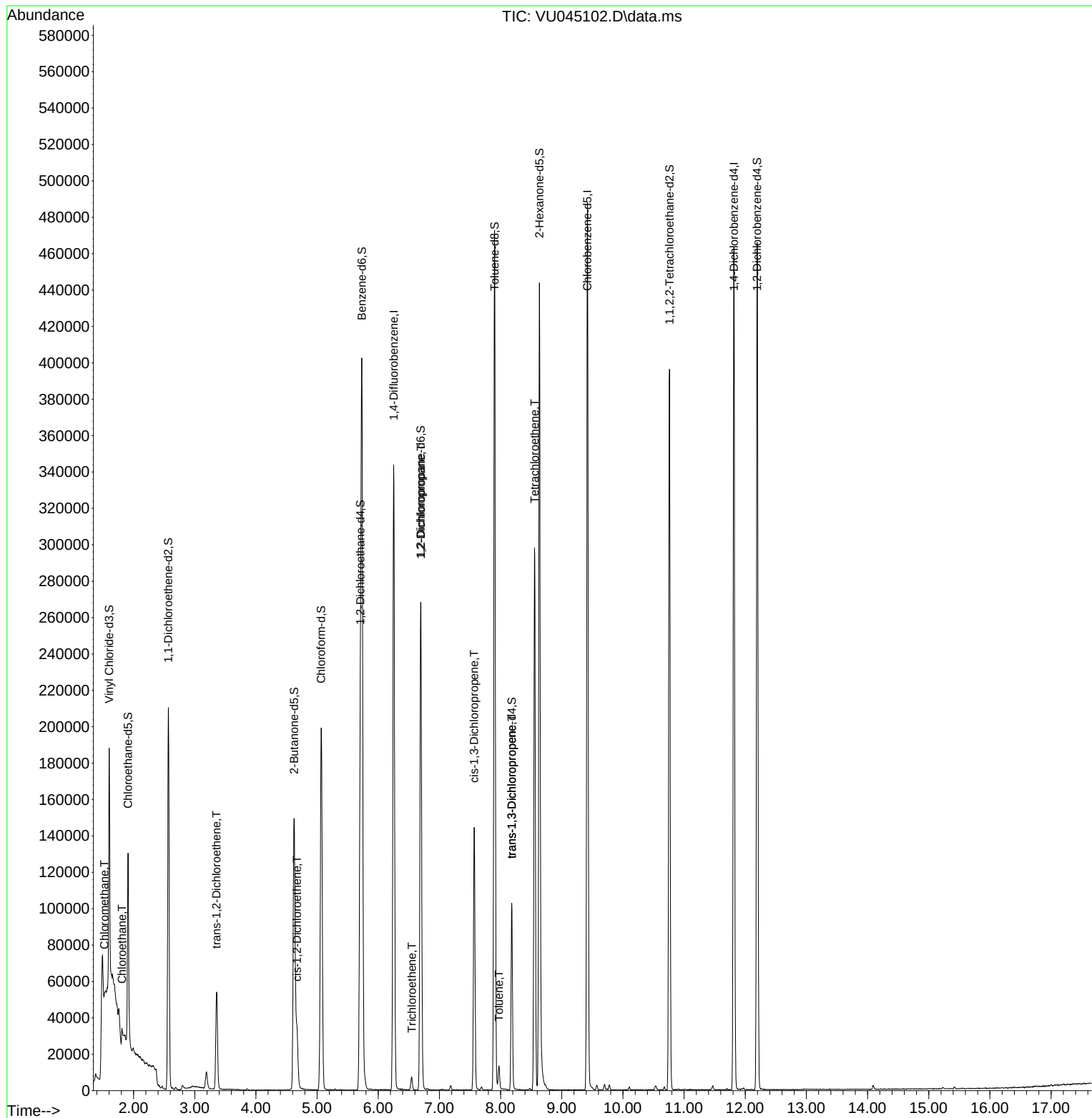
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	266711	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	256352	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	115104	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	86293	29.555	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	59.120%#		
7) Chloroethane-d5	1.909	69	81372	35.170	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	70.340%		
11) 1,1-Dichloroethene-d2	2.568	63	124596	25.411	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	50.820%#		
21) 2-Butanone-d5	4.623	46	214612	92.976	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.980%		
24) Chloroform-d	5.067	84	183002	39.685	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.380%		
26) 1,2-Dichloroethane-d4	5.706	65	130218	41.689	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.380%		
32) Benzene-d6	5.732	84	357367	40.175	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.340%		
36) 1,2-Dichloropropane-d6	6.694	67	120908	41.686	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	83.380%		
41) Toluene-d8	7.902	98	300441	39.138	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.280%#		
43) trans-1,3-Dichloroprop...	8.182	79	54188	41.999	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.000%		
47) 2-Hexanone-d5	8.636	63	155310	96.625	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.620%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	197607	43.752	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.500%		
66) 1,2-Dichlorobenzene-d4	12.195	152	113212	45.195	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.380%		
Target Compounds						Qvalue
3) Chloromethane	1.523	50	2390	0.751	ug/L #	82
8) Chloroethane	1.809	64	10029	5.124	ug/L #	51
17) trans-1,2-Dichloroethene	3.356	96	22112	10.163	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	13419	5.597	ug/L	99
34) Trichloroethene	6.549	95	2045	0.895	ug/L	97
37) 1,2-Dichloropropane	6.697	63	14214	5.491	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3415	0.922	ug/L #	47
42) Toluene	7.973	91	8949	0.926	ug/L	96
44) trans-1,3-Dichloropropene	8.182	75	2522	0.716	ug/L #	79
46) Tetrachloroethene	8.555	164	62846	38.501	ug/L	99

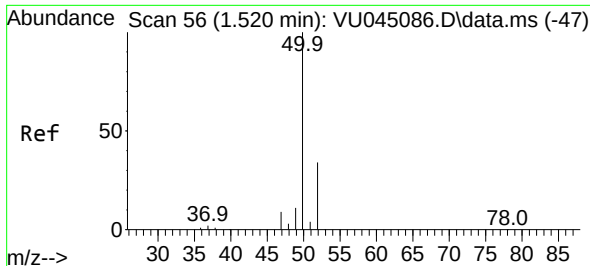
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 05 02:41:56 2021
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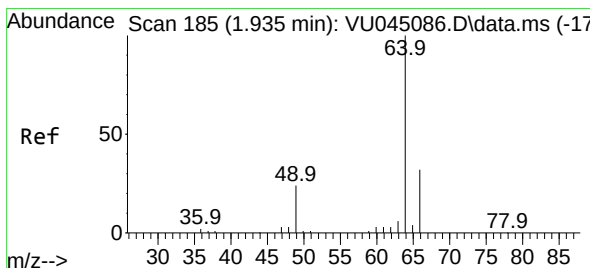
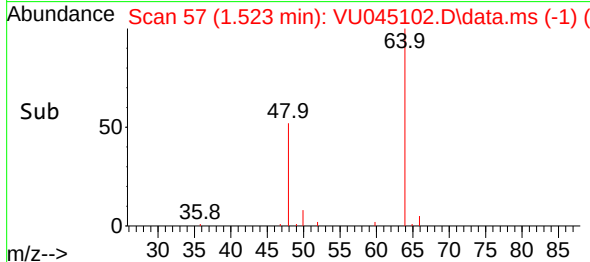
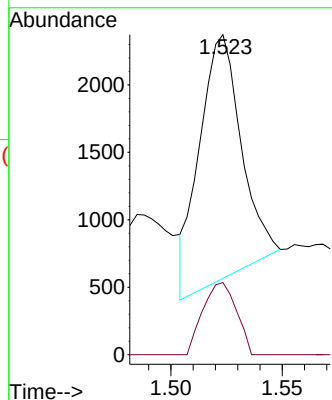
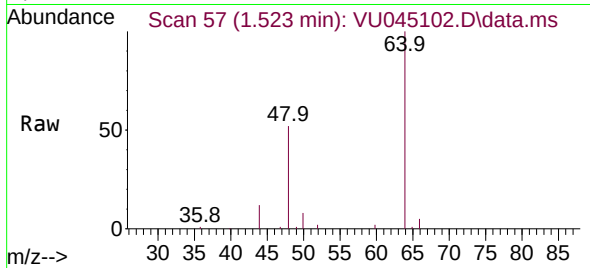




#3
Chloromethane
Concen: 0.751 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU045102.D
Acq: 04 Oct 2021 17:31

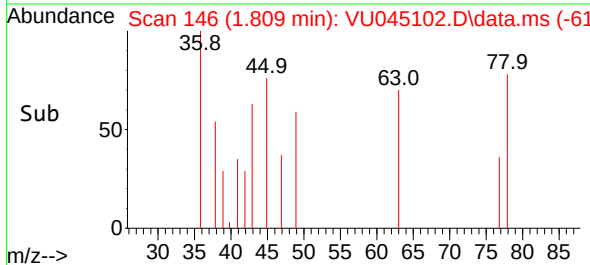
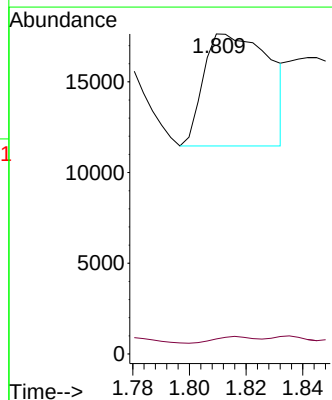
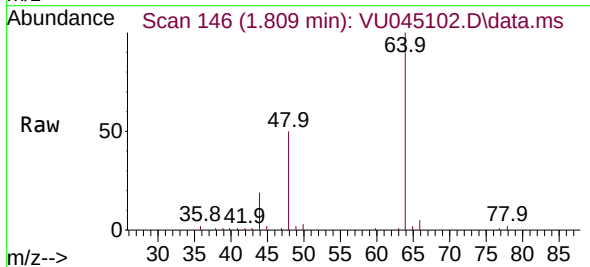
Instrument :
MSVOA_U
ClientSampleId :
F4A42

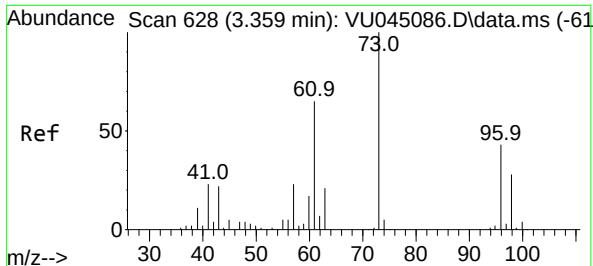
Tgt Ion: 50 Resp: 2390
Ion Ratio Lower Upper
50 100
52 22.6 23.0 42.8#



#8
Chloroethane
Concen: 5.124 ug/L
RT: 1.809 min Scan# 146
Delta R.T. -0.125 min
Lab File: VU045102.D
Acq: 04 Oct 2021 17:31

Tgt Ion: 64 Resp: 10029
Ion Ratio Lower Upper
64 100
66 4.7 22.3 41.3#



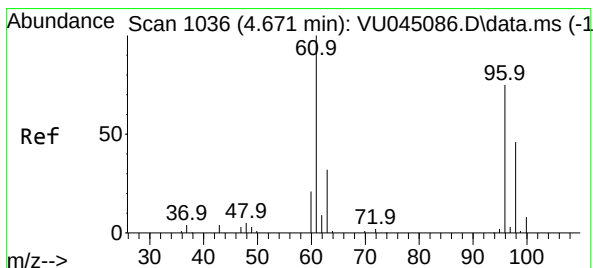
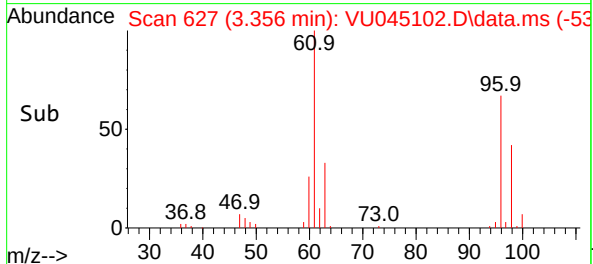
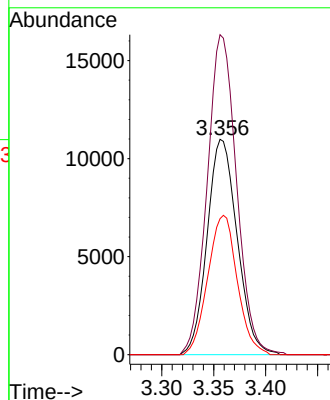
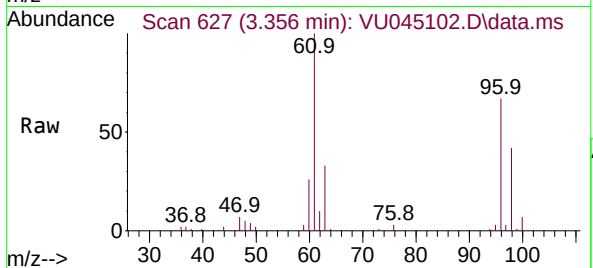


#17

trans-1,2-Dichloroethene
Concen: 10.163 ug/L
RT: 3.356 min Scan# 627
Delta R.T. -0.003 min
Lab File: VU045102.D
Acq: 04 Oct 2021 17:31

Instrument :
MSVOA_U
ClientSampled :
F4A42

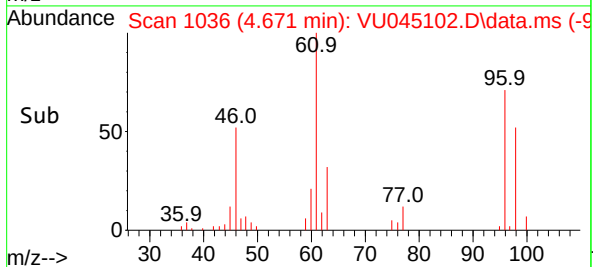
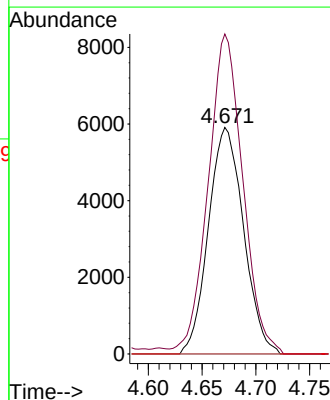
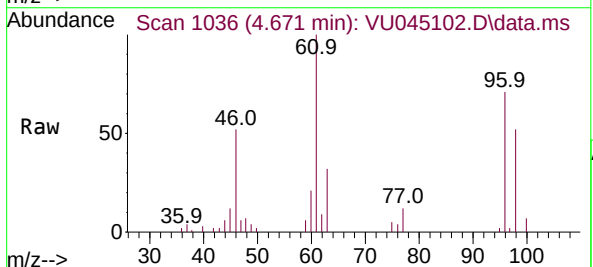
Tgt Ion:	96	Resp:	22112
Ion	Ratio	Lower	Upper
96	100		
61	148.6	105.1	195.3
98	63.2	43.0	79.8

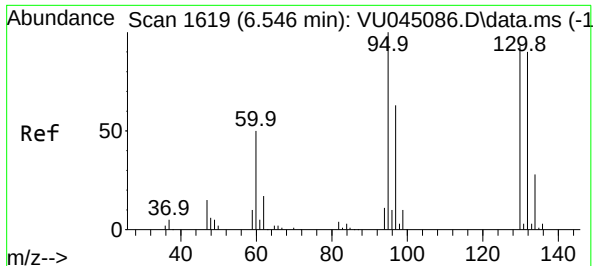


#20

cis-1,2-Dichloroethene
Concen: 5.597 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU045102.D
Acq: 04 Oct 2021 17:31

Tgt Ion:	96	Resp:	13419
Ion	Ratio	Lower	Upper
96	100		
61	141.3	100.2	186.0
68	0.0	0.0	0.0



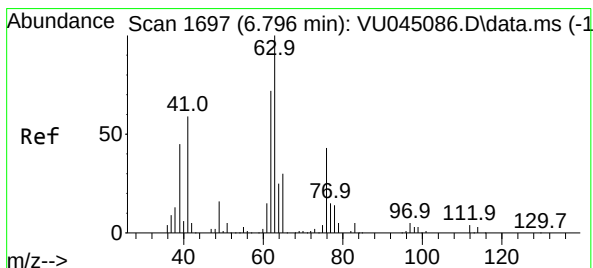
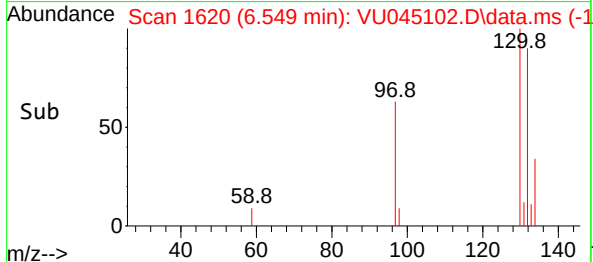
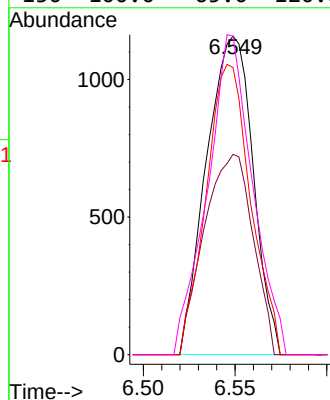
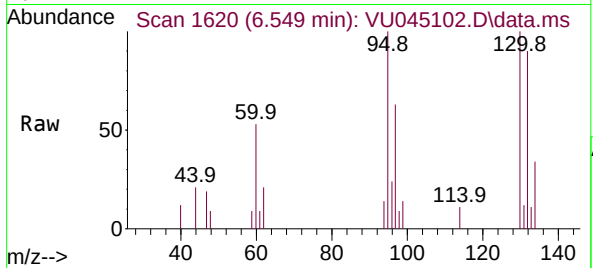


#34
Trichloroethene
Concen: 0.895 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.003 min
Lab File: VU045102.D
Acq: 04 Oct 2021 17:31

Instrument :
MSVOA_U
ClientSampled :
F4A42

Tgt Ion: 95 Resp: 2045

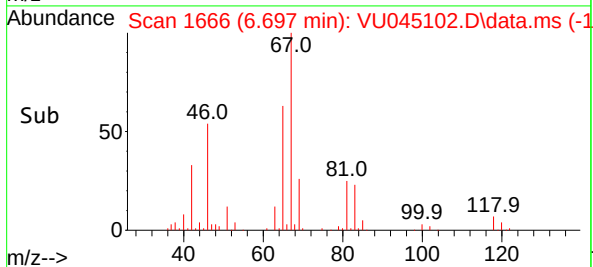
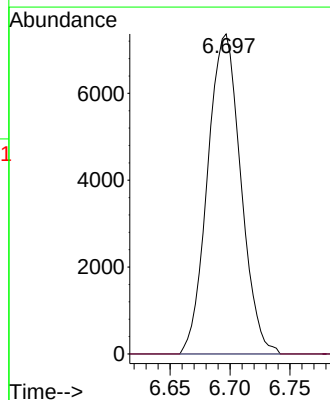
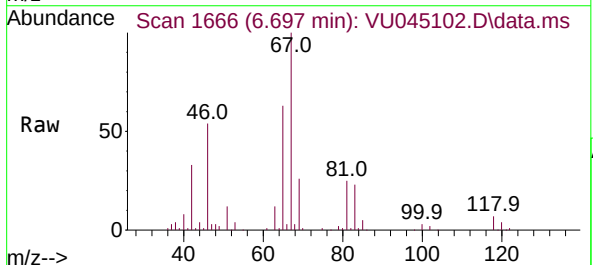
Ion	Ratio	Lower	Upper
95	100		
97	62.9	44.4	82.4
132	90.2	62.9	116.9
130	100.0	65.0	120.8

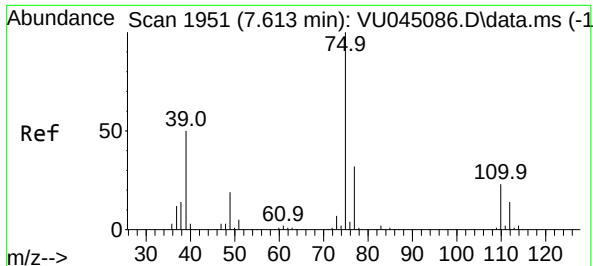


#37
1,2-Dichloropropane
Concen: 5.491 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU045102.D
Acq: 04 Oct 2021 17:31

Tgt Ion: 63 Resp: 14214

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#



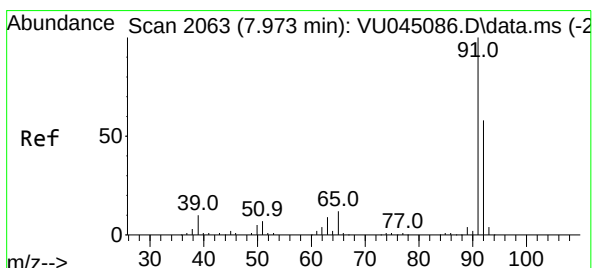
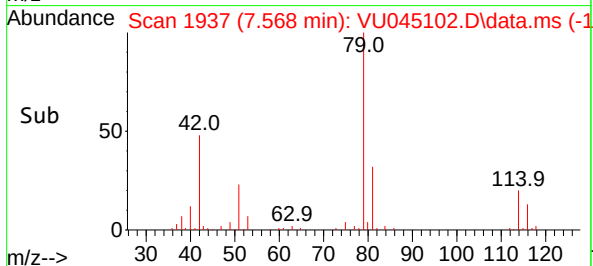
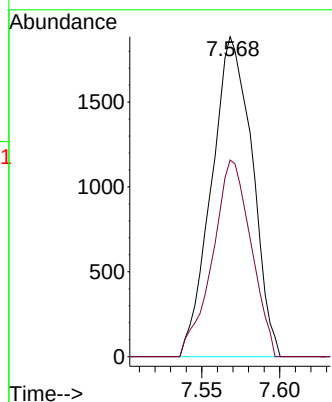
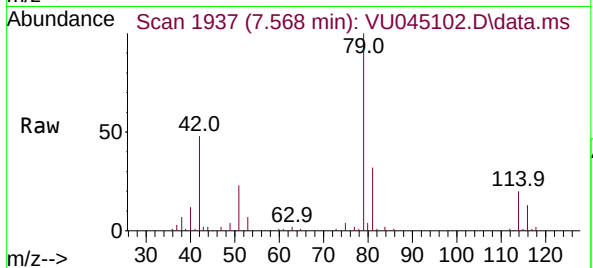


#39

cis-1,3-Dichloropropene
Concen: 0.922 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.045 min
Lab File: VU045102.D
Acq: 04 Oct 2021 17:31

Instrument :
MSVOA_U
ClientSampled :
F4A42

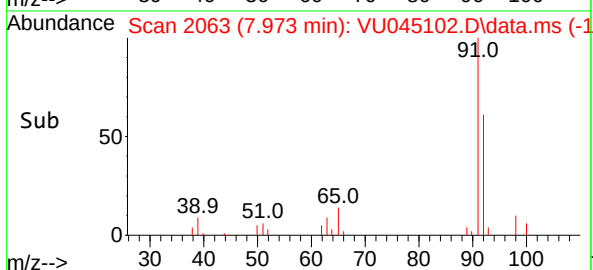
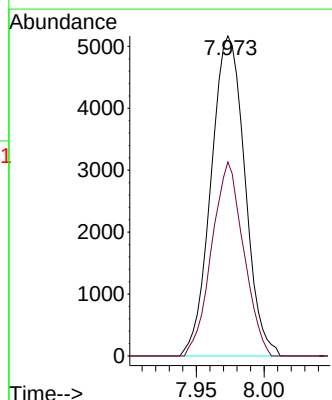
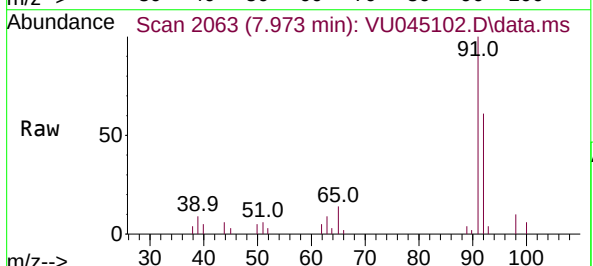
Tgt Ion: 75 Resp: 3415
Ion Ratio Lower Upper
75 100
77 61.5 22.4 41.6#

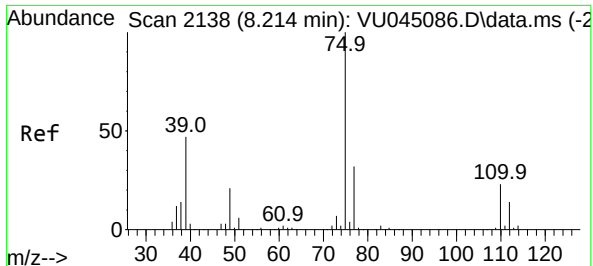


#42

Toluene
Concen: 0.926 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045102.D
Acq: 04 Oct 2021 17:31

Tgt Ion: 91 Resp: 8949
Ion Ratio Lower Upper
91 100
92 60.6 40.5 75.1

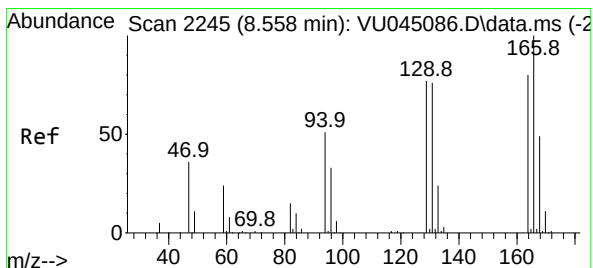
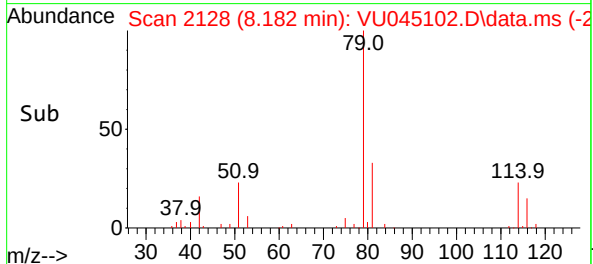
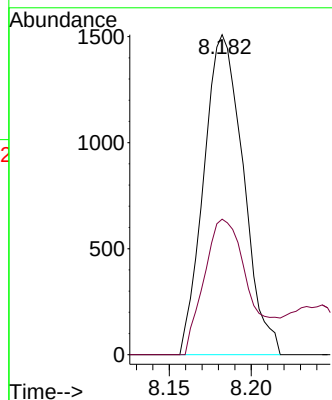
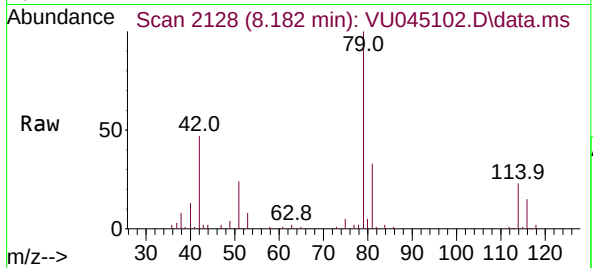




#44
trans-1,3-Dichloropropene
Concen: 0.716 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045102.D
Acq: 04 Oct 2021 17:31

Instrument :
MSVOA_U
ClientSampled :
F4A42

Tgt Ion: 75 Resp: 2522
Ion Ratio Lower Upper
75 100
77 42.3 21.7 40.3#



#46
Tetrachloroethene
Concen: 38.501 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU045102.D
Acq: 04 Oct 2021 17:31

Tgt Ion: 164 Resp: 62846
Ion Ratio Lower Upper
164 100
129 99.3 69.8 129.6
131 93.1 66.4 123.2
166 127.9 91.1 169.3

