

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100721\
 Data File : VU045200.D
 Acq On : 07 Oct 2021 10:32
 Operator : SY/MD
 Sample : VU1007WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 07 21:35:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 21:34:31 2021
 Response via : Initial Calibration

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

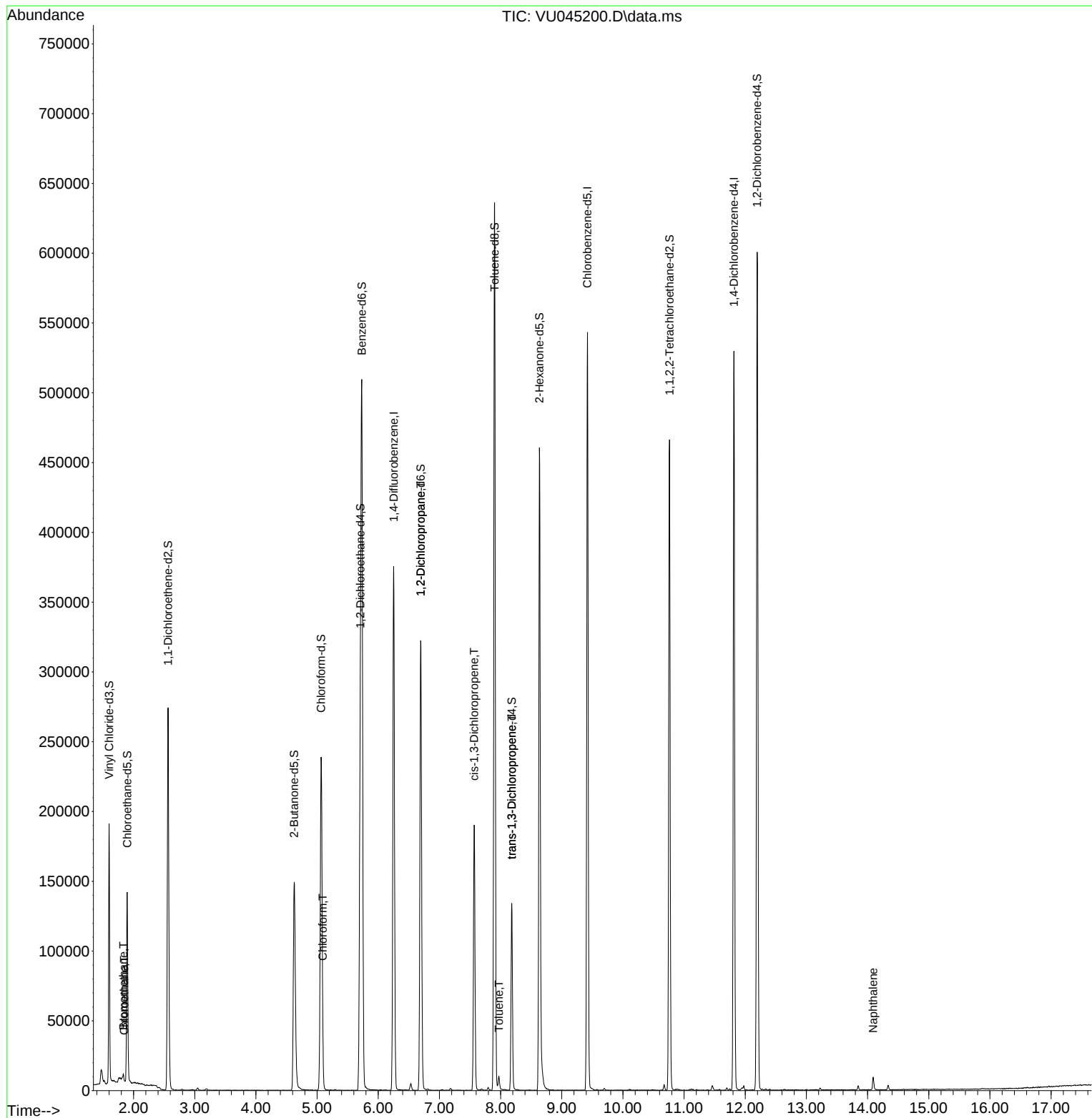
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	292403	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	283672	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	129838	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	121622	37.995	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.000%		
7) Chloroethane-d5	1.896	69	104840	41.332	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.660%		
11) 1,1-Dichloroethene-d2	2.562	63	167028	31.072	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.140%		
21) 2-Butanone-d5	4.626	46	215230	85.051	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.050%		
24) Chloroform-d	5.067	84	214529	42.434	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.860%		
26) 1,2-Dichloroethane-d4	5.706	65	155183	45.316	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.640%		
32) Benzene-d6	5.732	84	451989	45.918	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.840%		
36) 1,2-Dichloropropane-d6	6.694	67	145160	45.227	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.460%		
41) Toluene-d8	7.902	98	406418	47.844	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.680%		
43) trans-1,3-Dichloroprop...	8.182	79	70339	49.267	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.540%		
47) 2-Hexanone-d5	8.636	63	161685	90.903	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.900%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	226079	45.235	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.460%		
66) 1,2-Dichlorobenzene-d4	12.195	152	146660	51.903	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.800%		
Target Compounds						Qvalue
6) Bromomethane	1.835	94	955	0.582	ug/L	78
8) Chloroethane	1.845	64	2225	1.037	ug/L #	53
25) Chloroform	5.092	83	2961	0.600	ug/L	86
37) 1,2-Dichloropropane	6.694	63	16906	5.902	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	4534	1.106	ug/L #	62
42) Toluene	7.973	91	6564	0.614	ug/L	99
44) trans-1,3-Dichloropropene	8.182	75	3070	0.788	ug/L #	77
71) Naphthalene	14.092	128	8182	0.932	ug/L	95

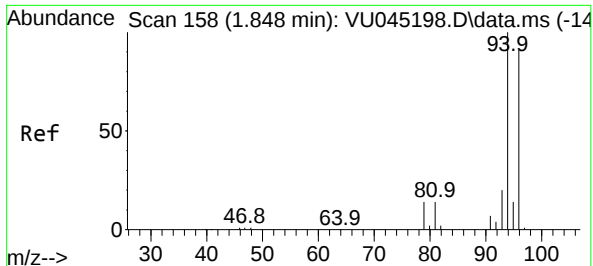
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 07 21:34:31 2021
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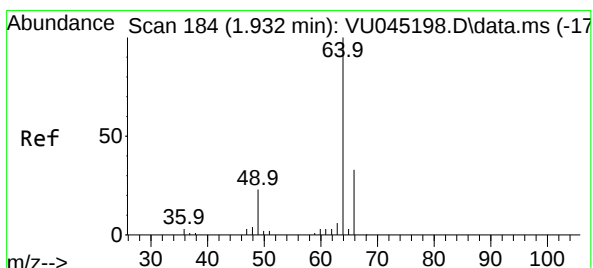
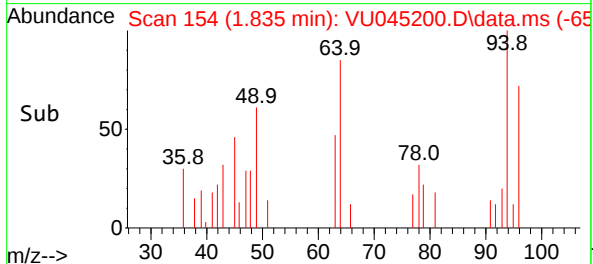
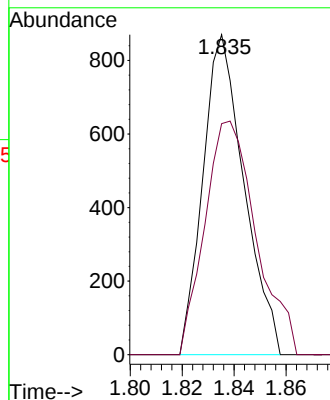
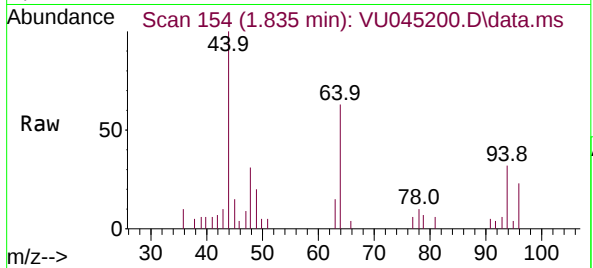




#6
Bromomethane
Concen: 0.582 ug/L
RT: 1.835 min Scan# 154
Delta R.T. -0.013 min
Lab File: VU045200.D
Acq: 07 Oct 2021 10:32

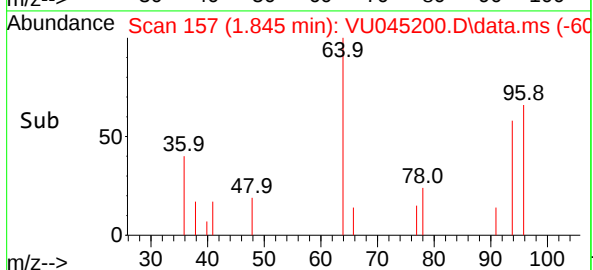
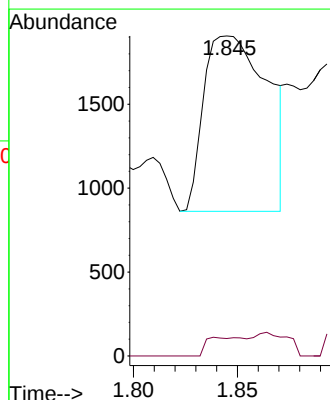
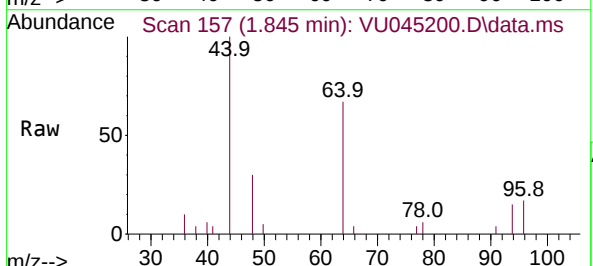
Instrument :
MSVOA_U
ClientSampled :

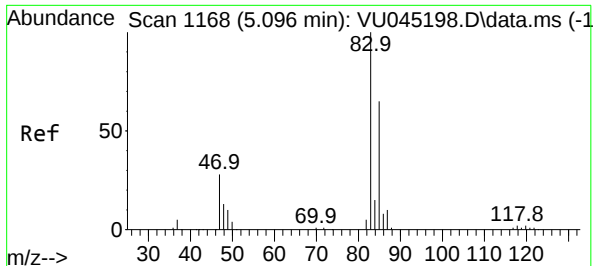
Tgt Ion: 94 Resp: 955
Ion Ratio Lower Upper
94 100
96 72.2 65.7 121.9



#8
Chloroethane
Concen: 1.037 ug/L
RT: 1.845 min Scan# 157
Delta R.T. -0.087 min
Lab File: VU045200.D
Acq: 07 Oct 2021 10:32

Tgt Ion: 64 Resp: 2225
Ion Ratio Lower Upper
64 100
66 5.5 22.3 41.3#



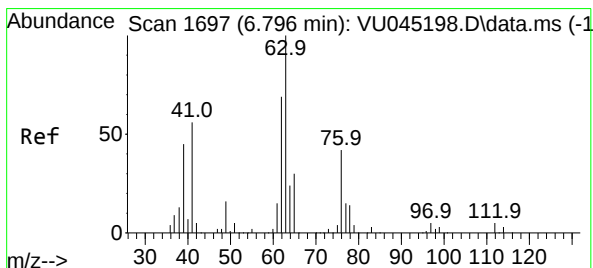
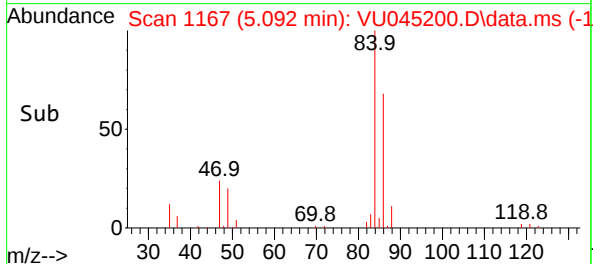
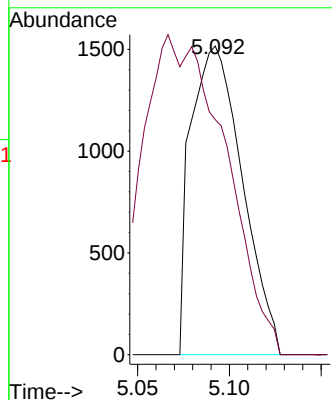
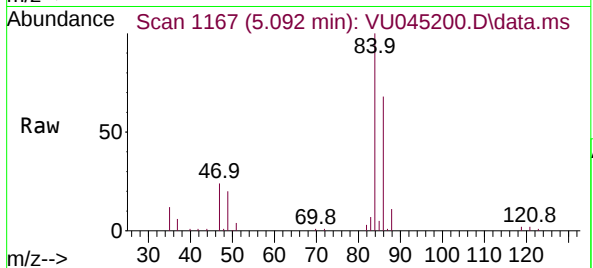


#25

Chloroform
Concen: 0.600 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.003 min
Lab File: VU045200.D
Acq: 07 Oct 2021 10:32

Instrument :
MSVOA_U
ClientSampled :

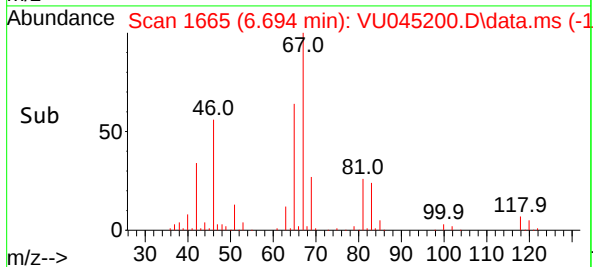
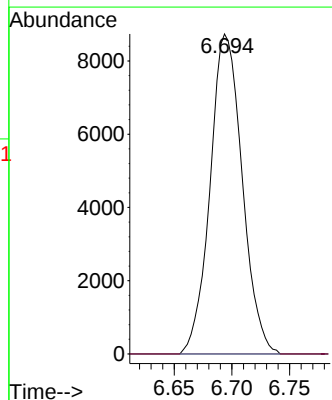
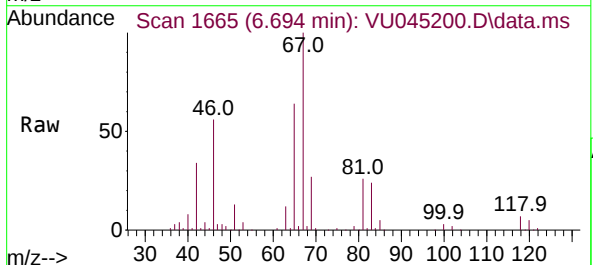
Tgt Ion: 83 Resp: 2961
Ion Ratio Lower Upper
83 100
85 76.2 45.6 84.6

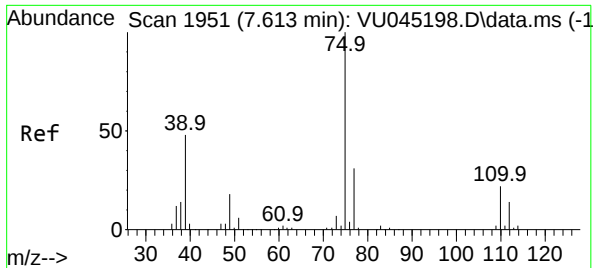


#37

1,2-Dichloropropane
Concen: 5.902 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045200.D
Acq: 07 Oct 2021 10:32

Tgt Ion: 63 Resp: 16906
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



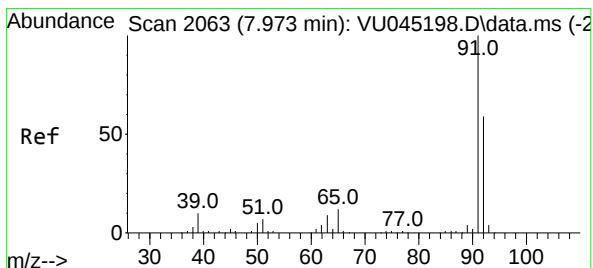
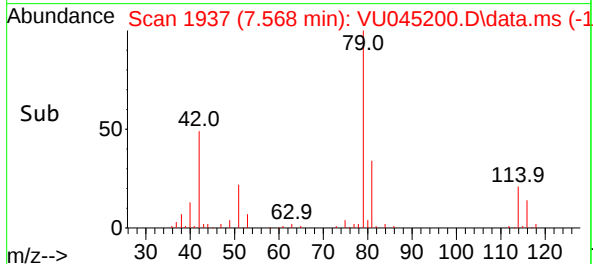
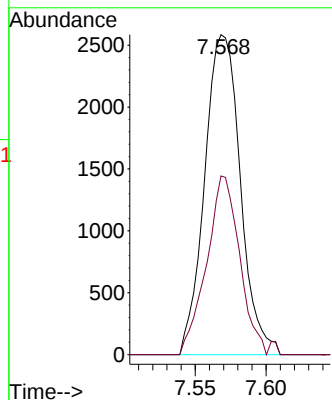
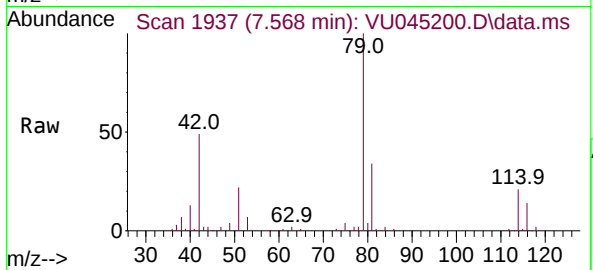


#39

cis-1,3-Dichloropropene
Concen: 1.106 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.045 min
Lab File: VU045200.D
Acq: 07 Oct 2021 10:32

Instrument :
MSVOA_U
ClientSampled :

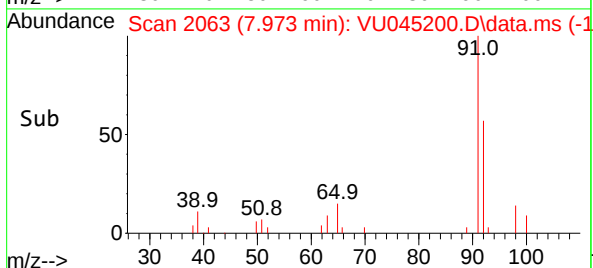
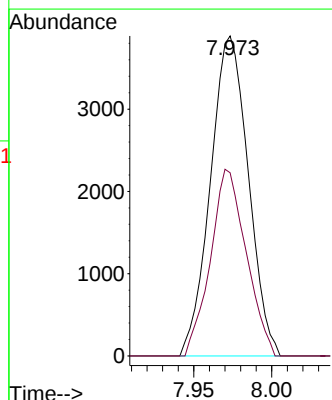
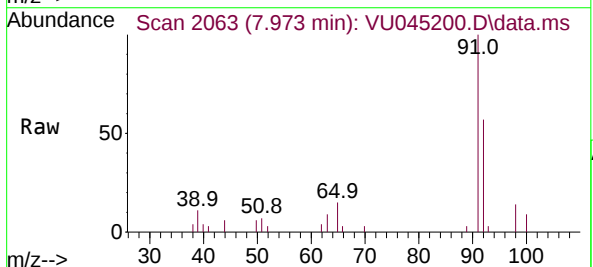
Tgt Ion: 75 Resp: 4534
Ion Ratio Lower Upper
75 100
77 53.3 22.4 41.6#

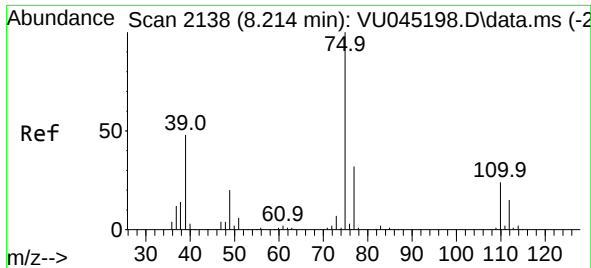


#42

Toluene
Concen: 0.614 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045200.D
Acq: 07 Oct 2021 10:32

Tgt Ion: 91 Resp: 6564
Ion Ratio Lower Upper
91 100
92 57.2 40.5 75.1

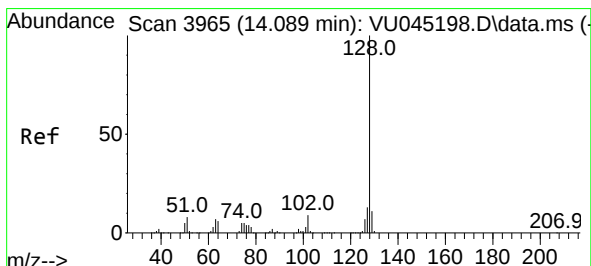
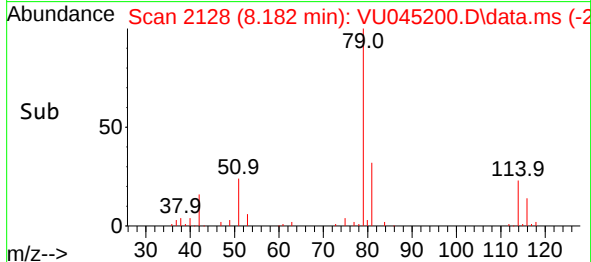
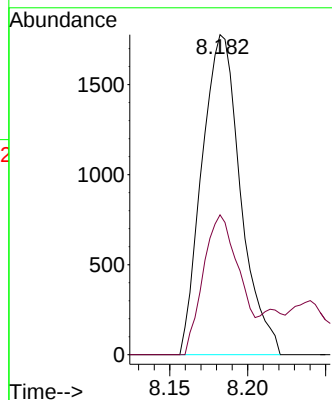
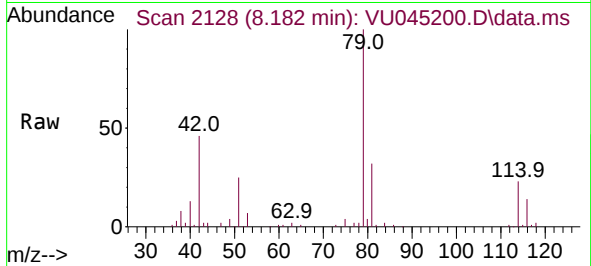




#44
trans-1,3-Dichloropropene
Concen: 0.788 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045200.D
Acq: 07 Oct 2021 10:32

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 3070
Ion Ratio Lower Upper
75 100
77 43.7 21.7 40.3#



#71
Naphthalene
Concen: 0.932 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU045200.D
Acq: 07 Oct 2021 10:32

Tgt Ion: 128 Resp: 8182
Ion Ratio Lower Upper
128 100
127 11.3 10.4 15.6
129 8.9 8.8 13.2

