

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
 Data File : VU045291.D
 Acq On : 12 Oct 2021 14:58
 Operator : SY/MD
 Sample : M4103-06ME
 Misc : 4.42g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 13 02:53:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 13 02:48:52 2021
 Response via : Initial Calibration

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

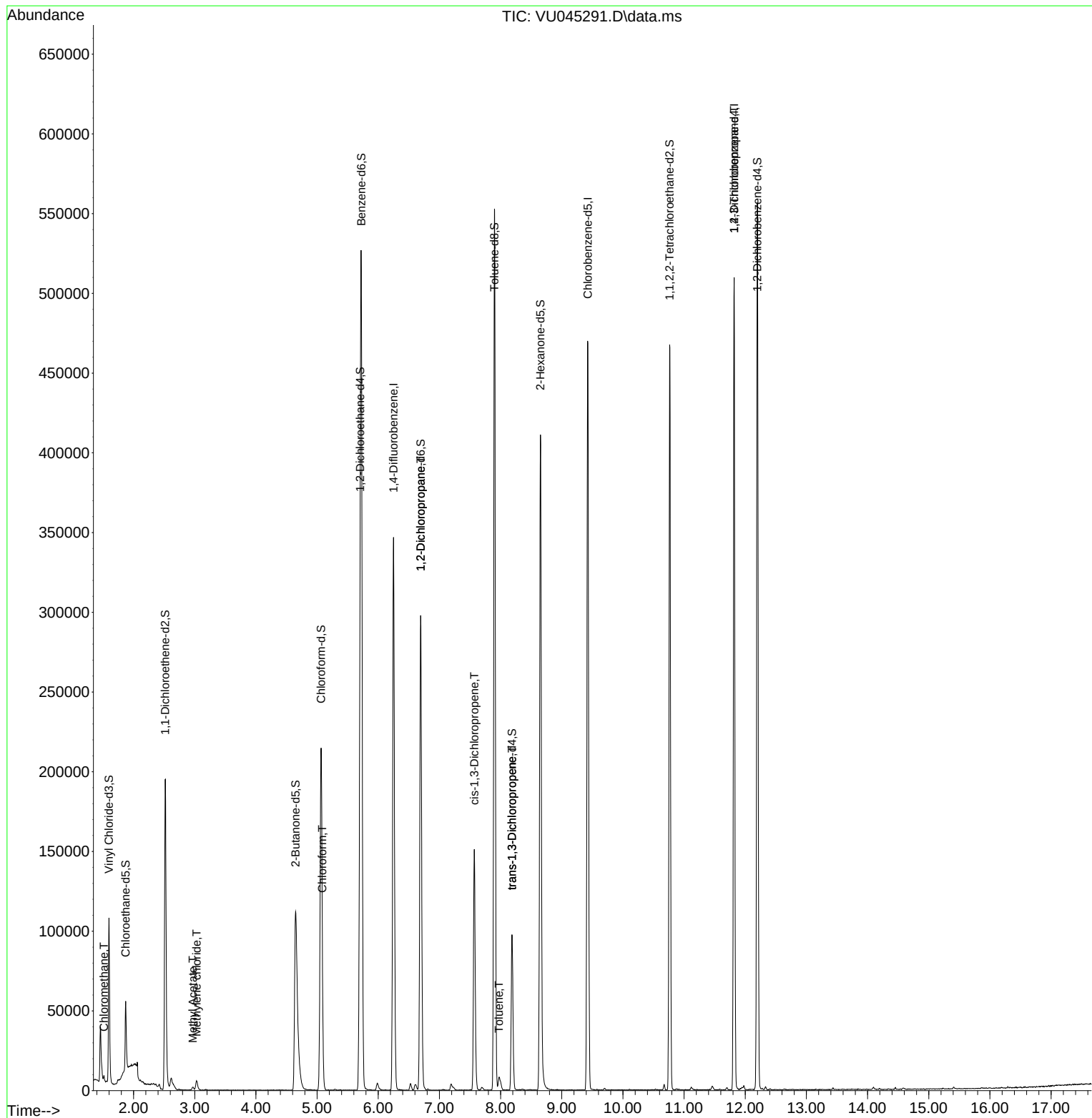
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	287217	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	273787	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	124627	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	81864	26.037	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	52.080%#		
7) Chloroethane-d5	1.871	69	30155	12.103	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	24.200%#		
11) 1,1-Dichloroethene-d2	2.517	63	133559	25.294	ug/L	-0.05
Spiked Amount 50.000	Range 60 - 125		Recovery =	50.580%#		
21) 2-Butanone-d5	4.649	46	237096	95.384	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.380%		
24) Chloroform-d	5.067	84	209927	42.274	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.540%		
26) 1,2-Dichloroethane-d4	5.703	65	152738	45.408	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.820%		
32) Benzene-d6	5.723	84	435545	45.845	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.700%		
36) 1,2-Dichloropropane-d6	6.694	67	146786	47.385	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.760%		
41) Toluene-d8	7.899	98	370124	45.145	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.280%		
43) trans-1,3-Dichloroprop...	8.185	79	62986	45.710	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.420%		
47) 2-Hexanone-d5	8.652	63	165916	96.650	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.650%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	234104	48.532	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.060%		
66) 1,2-Dichlorobenzene-d4	12.198	152	137399	50.659	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.320%		
Target Compounds						Qvalue
3) Chloromethane	1.517	50	2458	0.717	ug/L	95
15) Methyl Acetate	2.970	43	2973	0.839	ug/L #	90
16) Methylene chloride	3.031	84	3523	1.250	ug/L	92
25) Chloroform	5.086	83	3177	0.656	ug/L	83
37) 1,2-Dichloropropane	6.694	63	16438	5.945	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	3833	0.969	ug/L #	71
42) Toluene	7.973	91	5509	0.534	ug/L	96
44) trans-1,3-Dichloropropene	8.185	75	2662	0.708	ug/L #	82
60) 1,2,3-Trichloropropane	11.819	75	16440	4.769	ug/L #	68

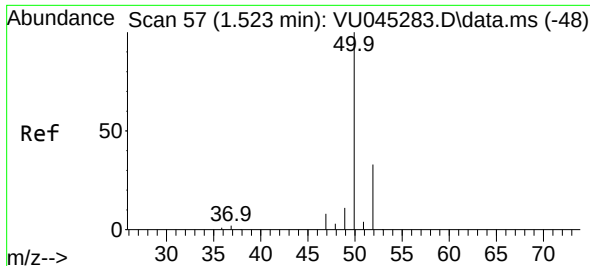
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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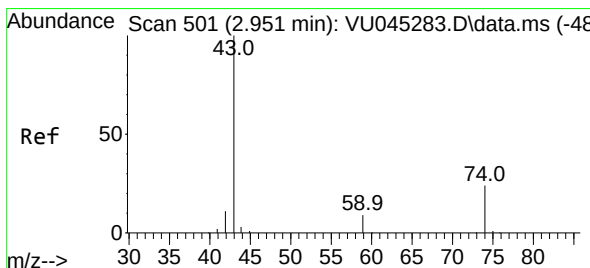
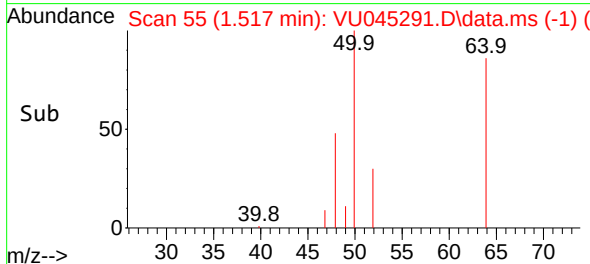
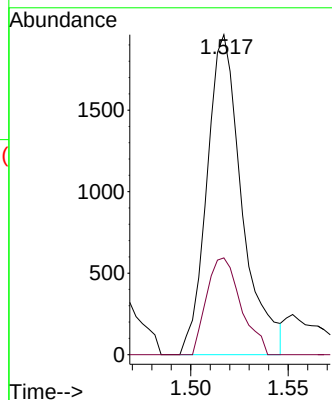
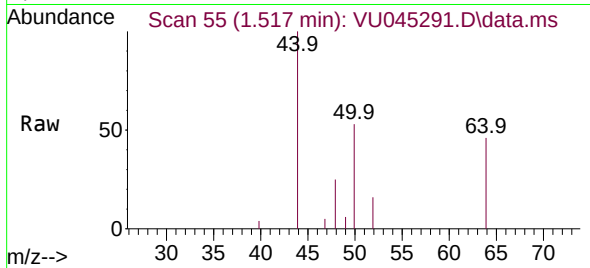




#3
Chloromethane
Concen: 0.717 ug/L
RT: 1.517 min Scan# 55
Delta R.T. -0.006 min
Lab File: VU045291.D
Acq: 12 Oct 2021 14:58

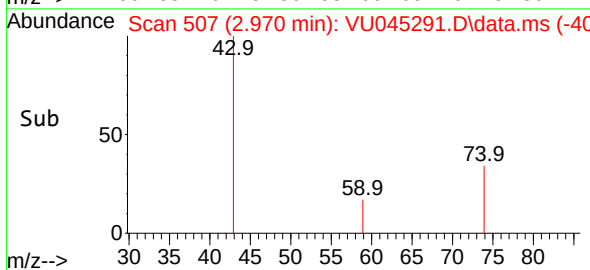
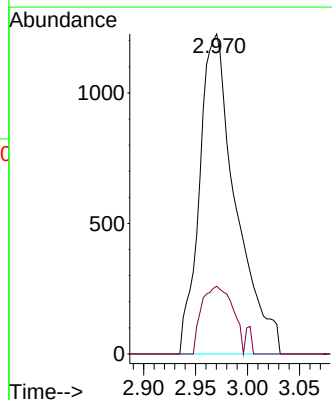
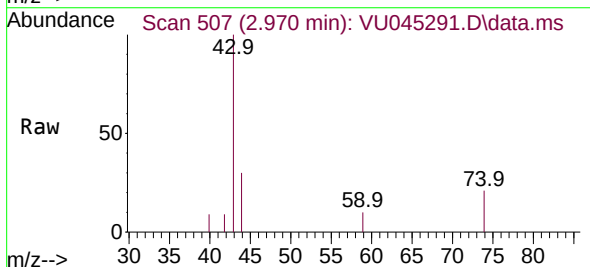
Instrument :
MSVOA_U
ClientSampled :

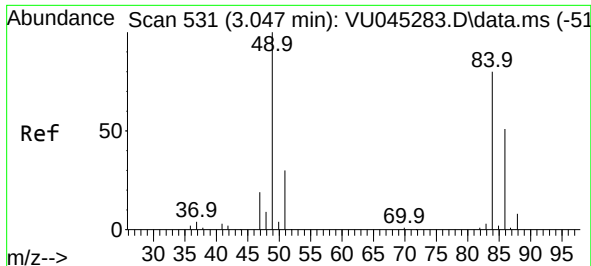
Tgt Ion: 50 Resp: 2458
Ion Ratio Lower Upper
50 100
52 30.3 23.0 42.8



#15
Methyl Acetate
Concen: 0.839 ug/L
RT: 2.970 min Scan# 507
Delta R.T. 0.019 min
Lab File: VU045291.D
Acq: 12 Oct 2021 14:58

Tgt Ion: 43 Resp: 2973
Ion Ratio Lower Upper
43 100
74 18.1 18.4 27.6#

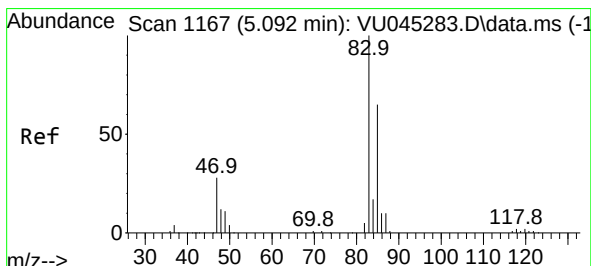
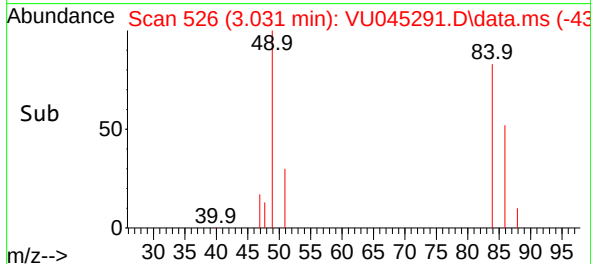
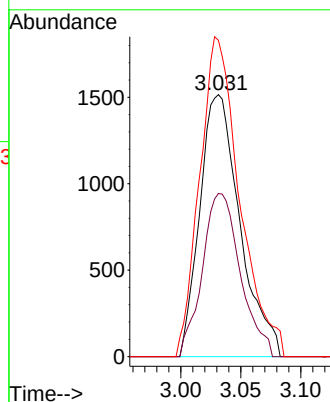
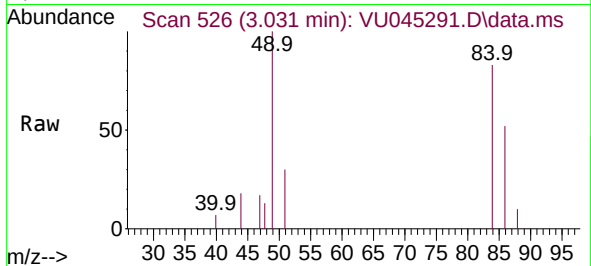




#16
Methylene chloride
Concen: 1.250 ug/L
RT: 3.031 min Scan# 526
Delta R.T. -0.016 min
Lab File: VU045291.D
Acq: 12 Oct 2021 14:58

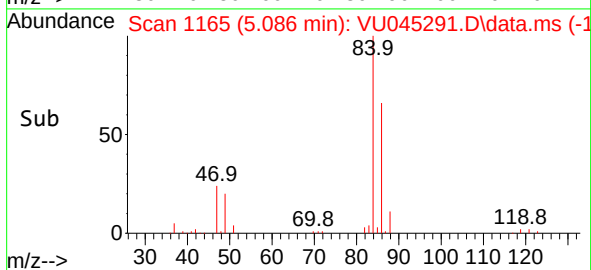
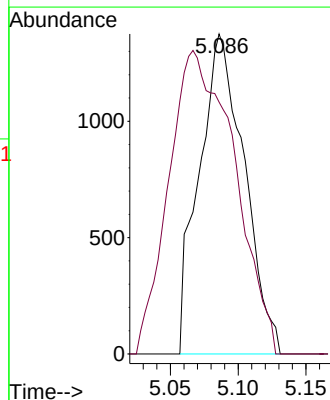
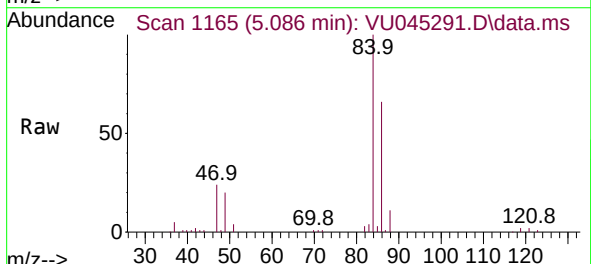
Instrument :
MSVOA_U
ClientSampled :

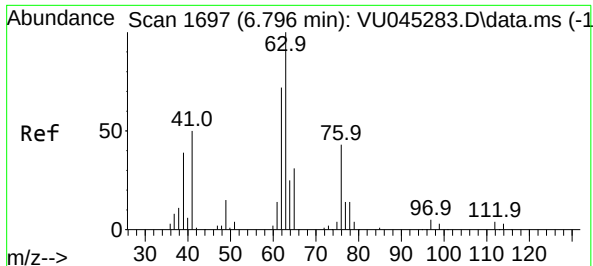
Tgt Ion: 84 Resp: 3523
Ion Ratio Lower Upper
84 100
86 62.3 44.7 83.1
49 120.7 92.9 172.5



#25
Chloroform
Concen: 0.656 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. -0.006 min
Lab File: VU045291.D
Acq: 12 Oct 2021 14:58

Tgt Ion: 83 Resp: 3177
Ion Ratio Lower Upper
83 100
85 78.7 45.6 84.6



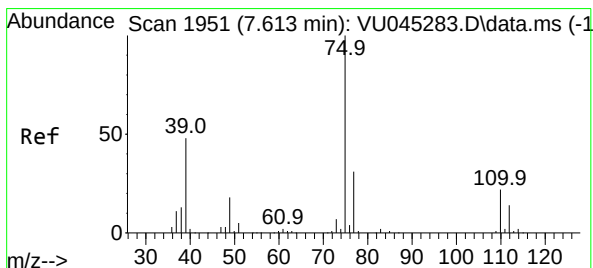
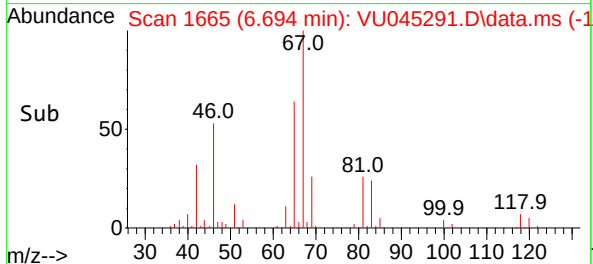
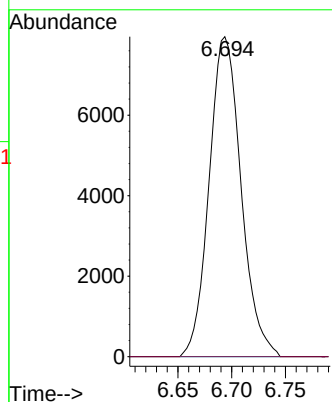
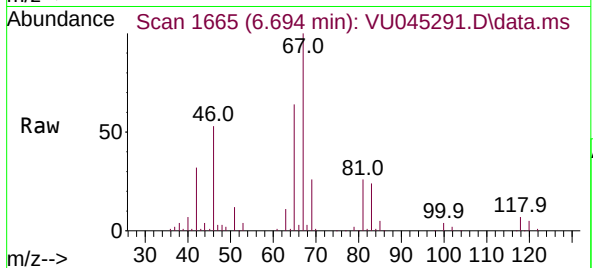


#37

1,2-Dichloropropane
Concen: 5.945 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045291.D
Acq: 12 Oct 2021 14:58

Instrument :
MSVOA_U
ClientSampled :

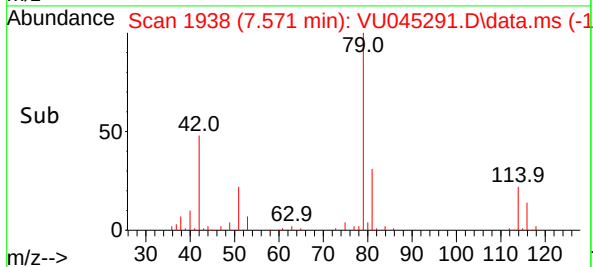
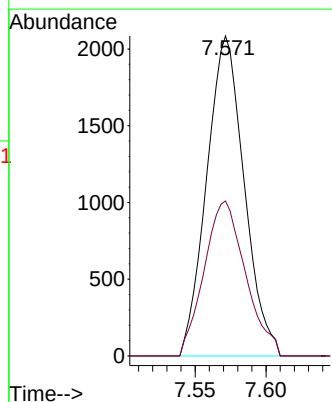
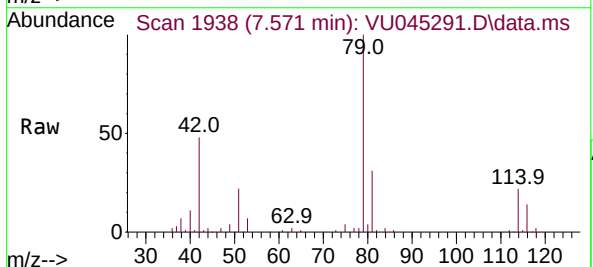
Tgt Ion: 63 Resp: 16438
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

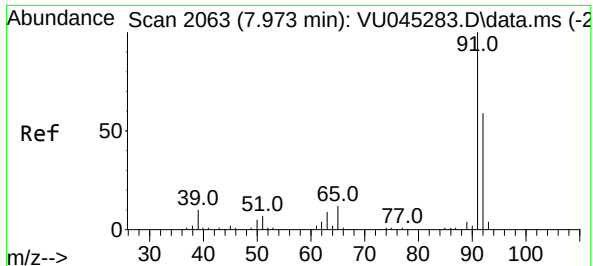


#39

cis-1,3-Dichloropropene
Concen: 0.969 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU045291.D
Acq: 12 Oct 2021 14:58

Tgt Ion: 75 Resp: 3833
Ion Ratio Lower Upper
75 100
77 48.4 22.4 41.6#

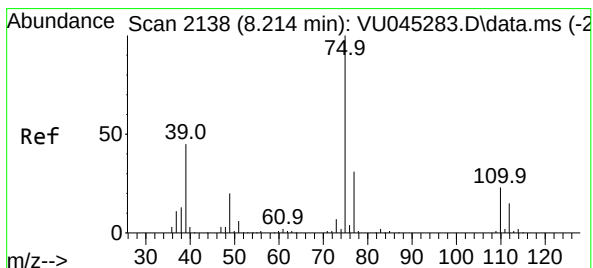
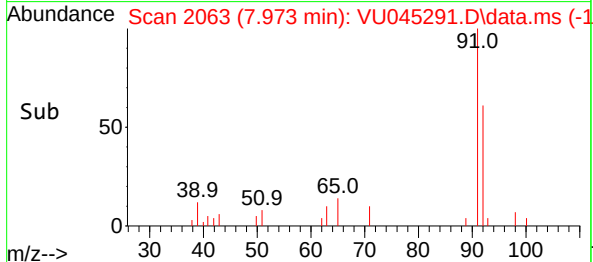
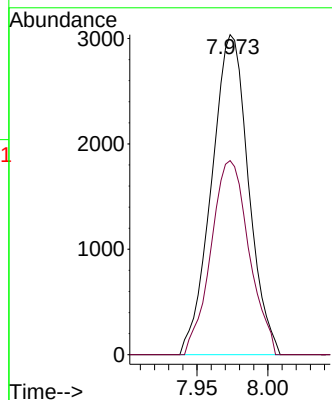
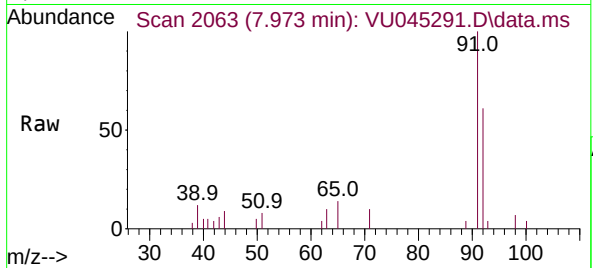




#42
Toluene
Concen: 0.534 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045291.D
Acq: 12 Oct 2021 14:58

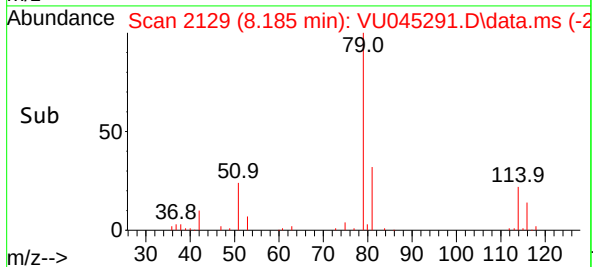
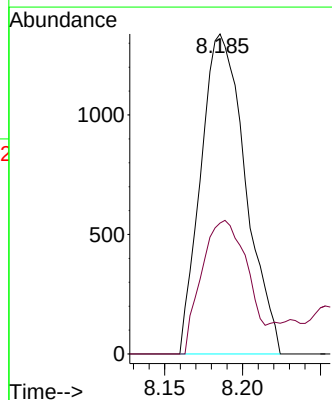
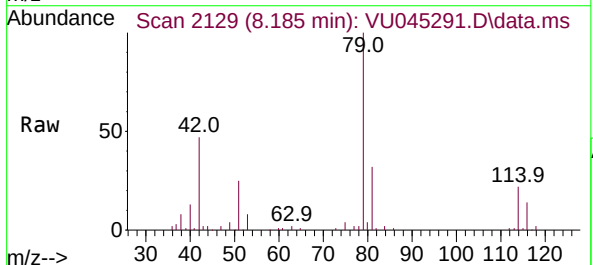
Instrument :
MSVOA_U
ClientSampled :

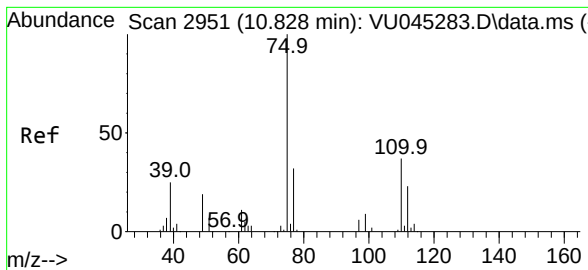
Tgt Ion: 91 Resp: 5509
Ion Ratio Lower Upper
91 100
92 60.6 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.708 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU045291.D
Acq: 12 Oct 2021 14:58

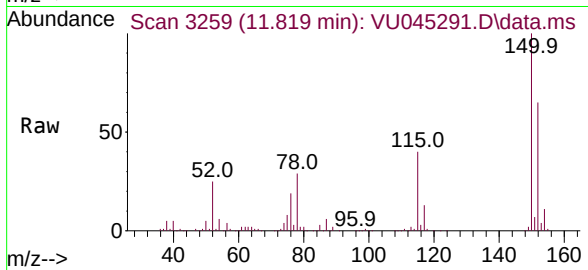
Tgt Ion: 75 Resp: 2662
Ion Ratio Lower Upper
75 100
77 40.9 21.7 40.3#





#60
 1,2,3-Trichloropropane
 Concen: 4.769 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.990 min
 Lab File: VU045291.D
 Acq: 12 Oct 2021 14:58

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 16440
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.5 38.3
 110 2.0 29.0 43.4#

