

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092321\
 Data File : VU044778.D
 Acq On : 23 Sep 2021 12:44
 Operator : SY/MD
 Sample : VU0923MBL01
 Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 24 05:36:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 24 05:26:38 2021
 Response via : Initial Calibration

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

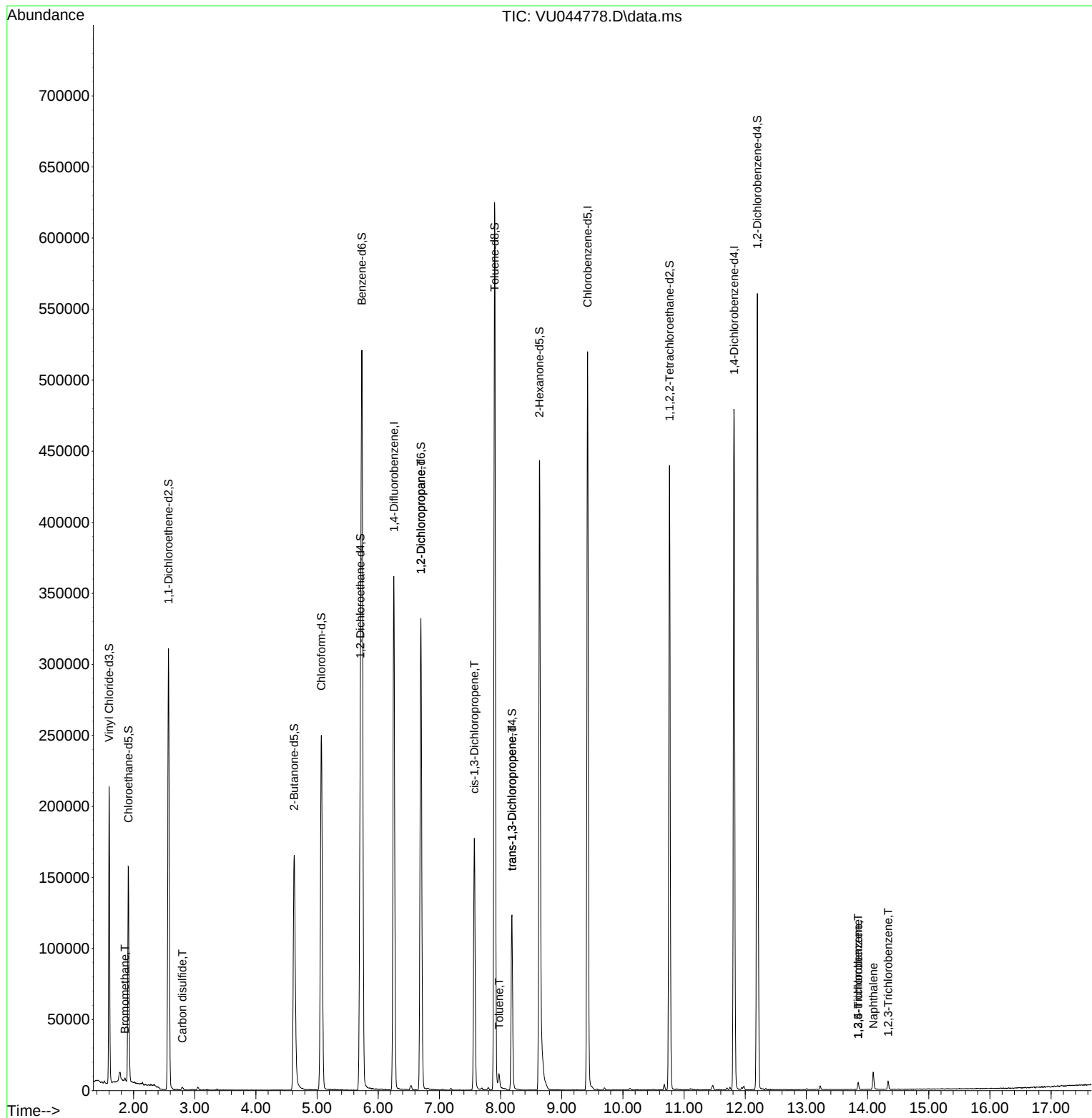
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	275356	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	266791	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	118106	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	145118	48.142	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	96.280%		
7) Chloroethane-d5	1.916	69	114682	48.011	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.020%		
11) 1,1-Dichloroethene-d2	2.572	63	185307	36.607	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.220%		
21) 2-Butanone-d5	4.626	46	246008	103.232	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.230%		
24) Chloroform-d	5.070	84	223749	46.998	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.000%		
26) 1,2-Dichloroethane-d4	5.706	65	158900	49.274	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.540%		
32) Benzene-d6	5.732	84	462742	49.985	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.980%		
36) 1,2-Dichloropropane-d6	6.697	67	152202	50.422	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.840%		
41) Toluene-d8	7.903	98	389858	48.799	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.600%		
43) trans-1,3-Dichloroprop...	8.185	79	65683	48.917	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.840%		
47) 2-Hexanone-d5	8.636	63	167525	100.146	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	100.150%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	214914	45.722	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.440%		
66) 1,2-Dichlorobenzene-d4	12.198	152	136009	52.915	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.840%		
Target Compounds						Qvalue
6) Bromomethane	1.858	94	1237	0.801	ug/L	89
14) Carbon disulfide	2.797	76	2560	0.375	ug/L	98
37) 1,2-Dichloropropane	6.697	63	17446	6.476	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	4222	1.095	ug/L	83
42) Toluene	7.976	91	6530	0.649	ug/L	100
44) trans-1,3-Dichloropropene	8.185	75	2987	0.815	ug/L #	79
69) 1,3,5-Trichlorobenzene	13.844	180	1855	0.669	ug/L	92
70) 1,2,4-trichlorobenzene	13.844	180	1855	0.805	ug/L	93
71) Naphthalene	14.095	128	9846	1.233	ug/L	97
72) 1,2,3-Trichlorobenzene	14.336	180	2111	0.896	ug/L	96

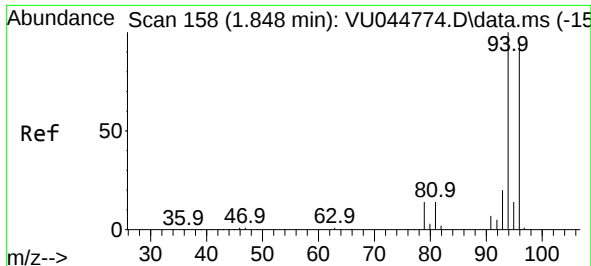
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 24 05:36:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 24 05:26:38 2021
Response via : Initial Calibration

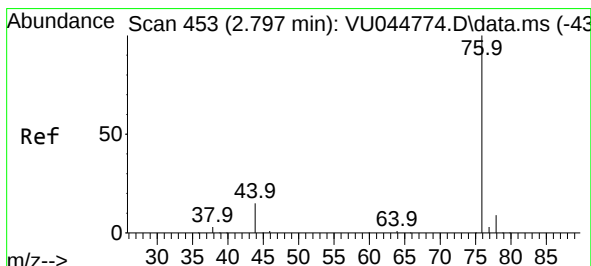
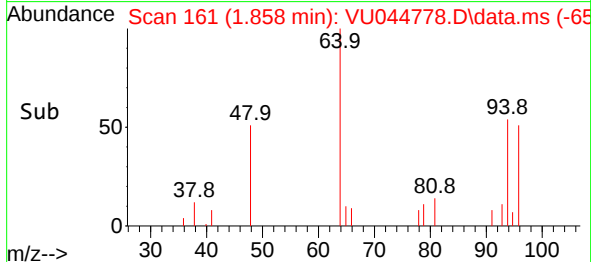
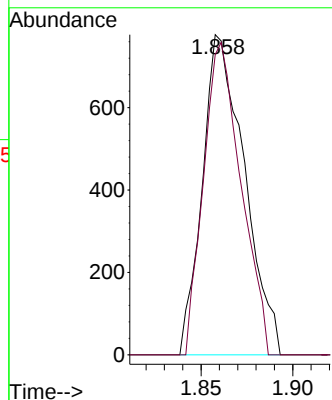
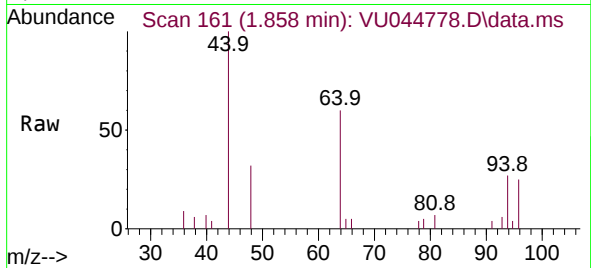




#6
Bromomethane
Concen: 0.801 ug/L
RT: 1.858 min Scan# 161
Delta R.T. 0.010 min
Lab File: VU044778.D
Acq: 23 Sep 2021 12:44

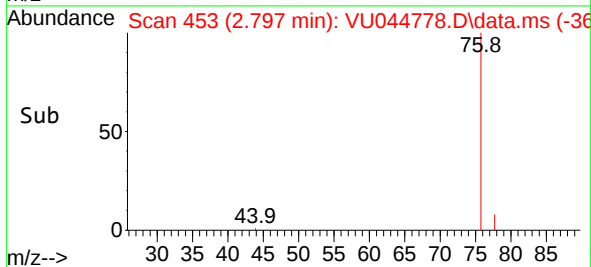
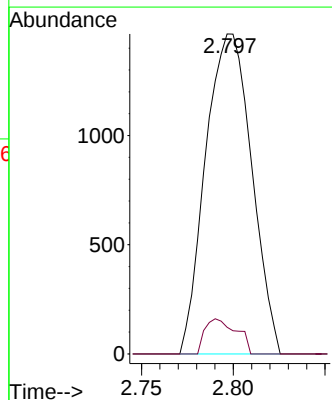
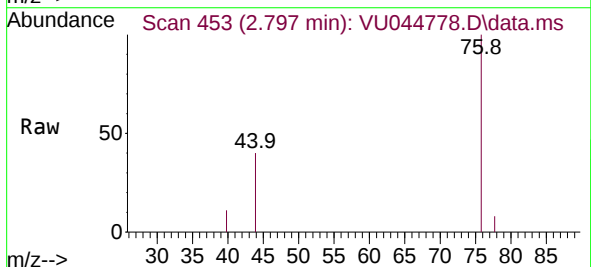
Instrument :
MSVOA_U
ClientSampled :

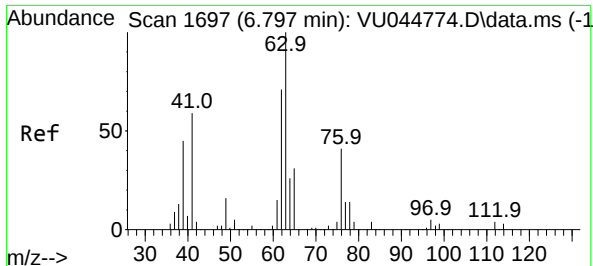
Tgt Ion: 94 Resp: 1237
Ion Ratio Lower Upper
94 100
96 82.8 65.7 121.9



#14
Carbon disulfide
Concen: 0.375 ug/L
RT: 2.797 min Scan# 453
Delta R.T. -0.000 min
Lab File: VU044778.D
Acq: 23 Sep 2021 12:44

Tgt Ion: 76 Resp: 2560
Ion Ratio Lower Upper
76 100
78 8.3 7.3 10.9



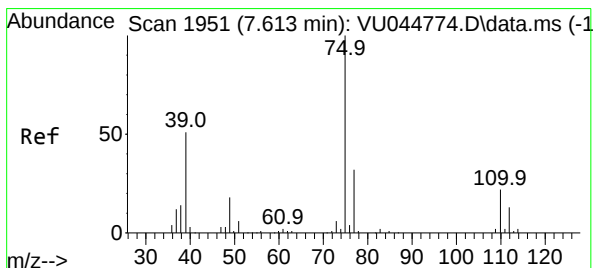
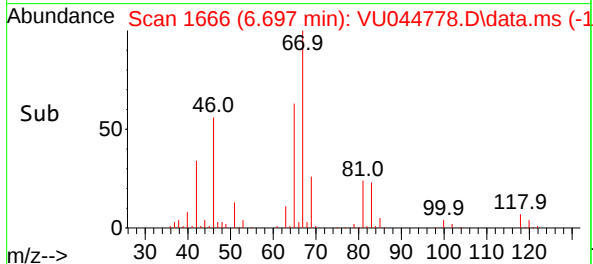
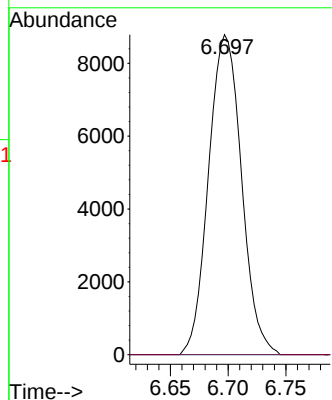
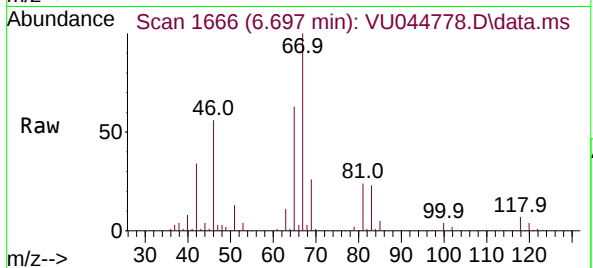


#37

1,2-Dichloropropane
Concen: 6.476 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU044778.D
Acq: 23 Sep 2021 12:44

Instrument :
MSVOA_U
ClientSampleId :

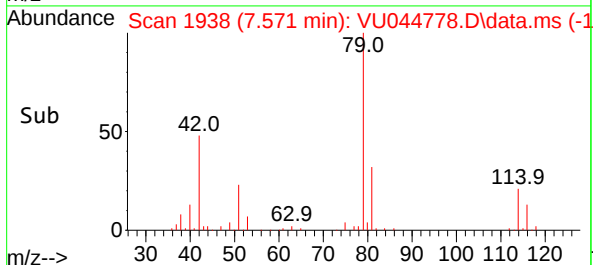
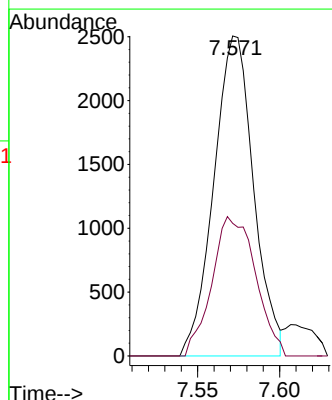
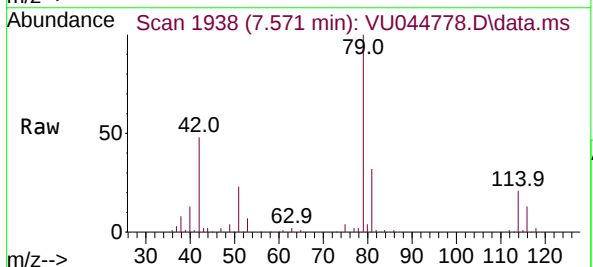
Tgt Ion: 63 Resp: 17446
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

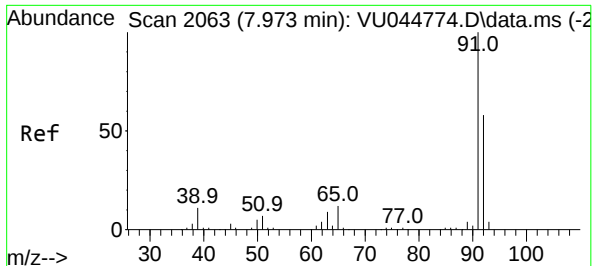


#39

cis-1,3-Dichloropropene
Concen: 1.095 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU044778.D
Acq: 23 Sep 2021 12:44

Tgt Ion: 75 Resp: 4222
Ion Ratio Lower Upper
75 100
77 41.5 22.4 41.6

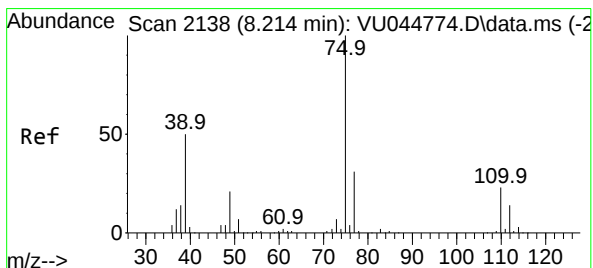
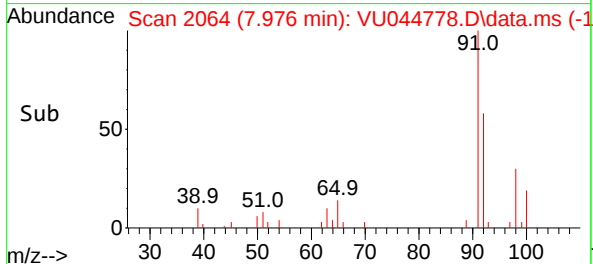
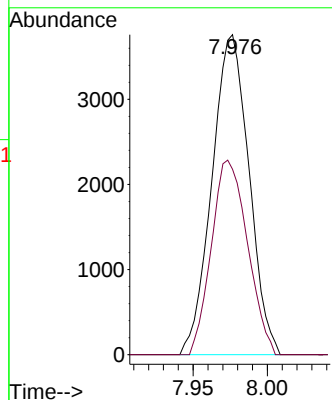
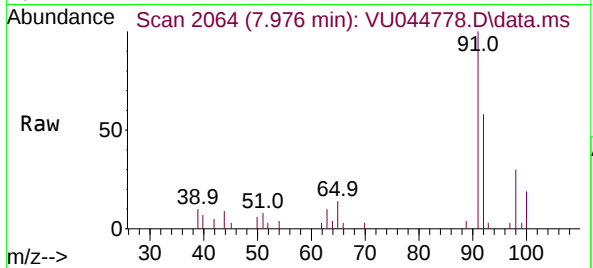




#42
Toluene
Concen: 0.649 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.003 min
Lab File: VU044778.D
Acq: 23 Sep 2021 12:44

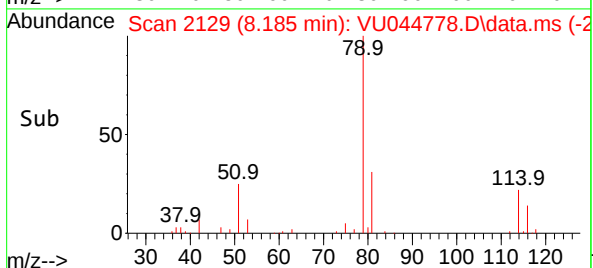
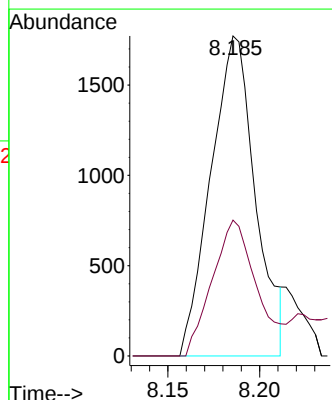
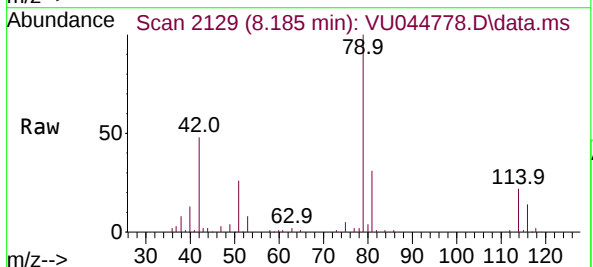
Instrument :
MSVOA_U
ClientSampled :

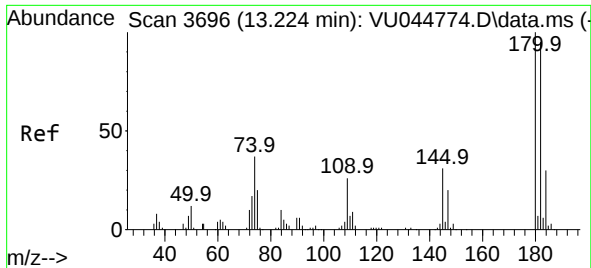
Tgt Ion: 91 Resp: 6530
Ion Ratio Lower Upper
91 100
92 58.0 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.815 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU044778.D
Acq: 23 Sep 2021 12:44

Tgt Ion: 75 Resp: 2987
Ion Ratio Lower Upper
75 100
77 42.4 21.7 40.3#

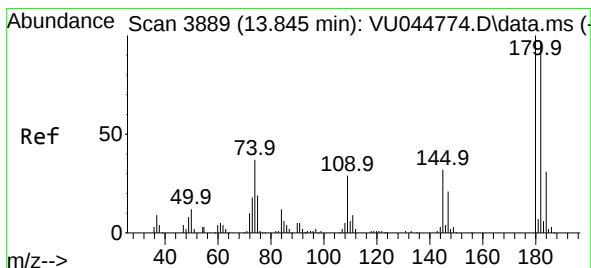
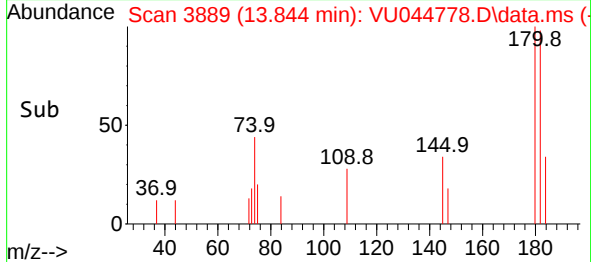
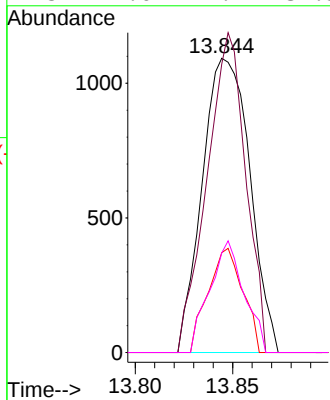
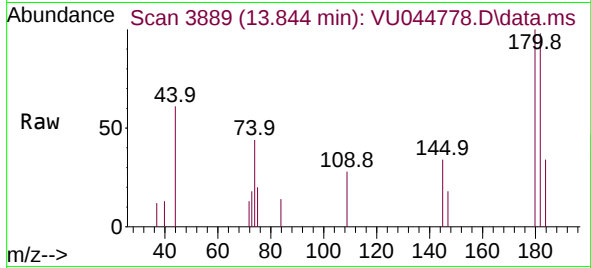




#69
1,3,5-Trichlorobenzene
Concen: 0.669 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.620 min
Lab File: VU044778.D
Acq: 23 Sep 2021 12:44

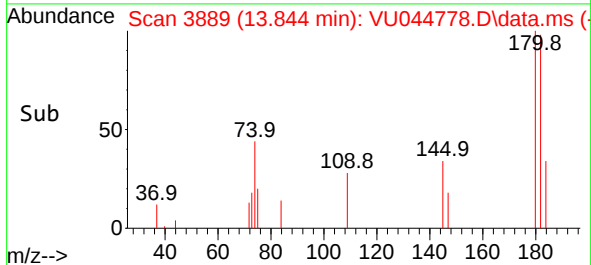
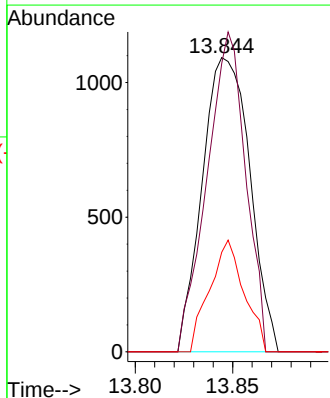
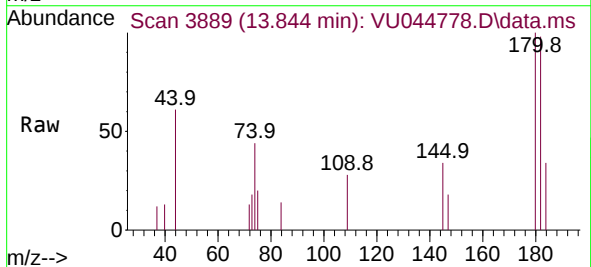
Instrument :
MSVOA_U
ClientSampleId :

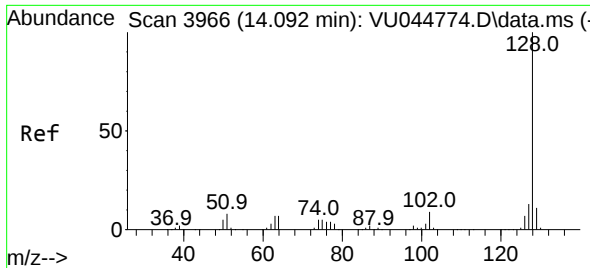
Tgt Ion:	180	Resp:	1855
Ion Ratio	Lower	Upper	
180	100		
182	88.4	76.8	115.2
184	26.0	24.4	36.6
145	27.6	24.9	37.3



#70
1,2,4-trichlorobenzene
Concen: 0.805 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. -0.000 min
Lab File: VU044778.D
Acq: 23 Sep 2021 12:44

Tgt Ion:	180	Resp:	1855
Ion Ratio	Lower	Upper	
180	100		
182	88.4	76.2	114.2
145	27.6	25.4	38.0

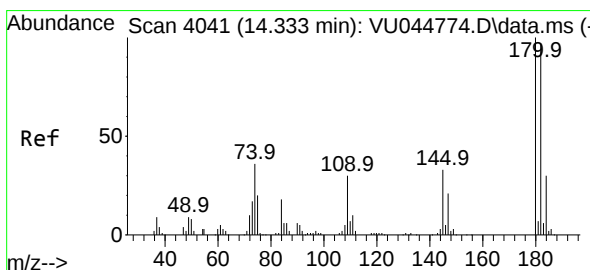
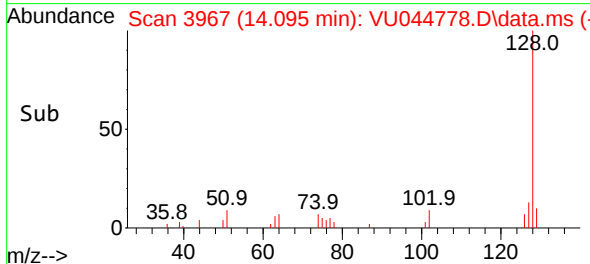
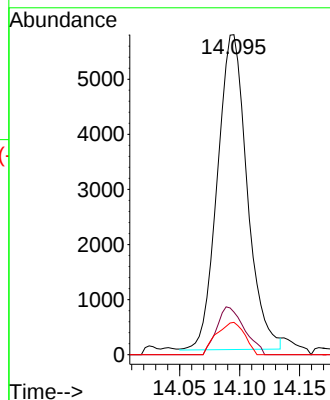
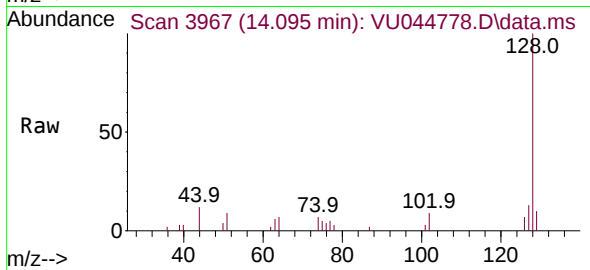




#71
Naphthalene
Concen: 1.233 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044778.D
Acq: 23 Sep 2021 12:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128	Resp:	9846
Ion Ratio	Lower	Upper
128	100	
127	14.0	10.4 15.6
129	9.7	8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 0.896 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.003 min
Lab File: VU044778.D
Acq: 23 Sep 2021 12:44

Tgt Ion:180	Resp:	2111
Ion Ratio	Lower	Upper
180	100	
182	99.2	76.8 115.2
145	30.2	26.5 39.7

