

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
 Data File : VU045284.D
 Acq On : 12 Oct 2021 11:40
 Operator : SY/MD
 Sample : VU1012MBL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 13 02:51:21 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	6.253	114	265960	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	259713	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	118244	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	122088	41.933	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.860%		
7) Chloroethane-d5	1.890	69	103017	44.651	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.300%		
11) 1,1-Dichloroethene-d2	2.562	63	158440	32.405	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.800%		
21) 2-Butanone-d5	4.629	46	210727	91.551	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.550%		
24) Chloroform-d	5.067	84	206660	44.942	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.880%		
26) 1,2-Dichloroethane-d4	5.706	65	148079	47.541	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.080%		
32) Benzene-d6	5.732	84	439857	48.808	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.620%		
36) 1,2-Dichloropropane-d6	6.693	67	143577	48.861	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.720%		
41) Toluene-d8	7.902	98	382096	49.130	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.260%		
43) trans-1,3-Dichloroprop...	8.182	79	65838	50.369	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	100.740%		
47) 2-Hexanone-d5	8.639	63	148705	91.318	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.320%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	221875	48.489	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.980%		
66) 1,2-Dichlorobenzene-d4	12.198	152	135791	52.769	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.540%		
Target Compounds						Qvalue
6) Bromomethane	1.832	94	1207	0.809	ug/L	83
8) Chloroethane	1.851	64	1389	0.712	ug/L #	61
14) Carbon disulfide	2.787	76	2835	0.430	ug/L #	93
25) Chloroform	5.092	83	3759	0.838	ug/L	91
37) 1,2-Dichloropropane	6.697	63	15964	6.087	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	4084	1.088	ug/L #	69
42) Toluene	7.973	91	6743	0.689	ug/L	97
44) trans-1,3-Dichloropropene	8.182	75	3044	0.853	ug/L	88
48) 2-Hexanone	8.690	43	6684	1.720	ug/L #	88
63) 1,2,4-Trimethylbenzene	11.471	105	2920	0.395	ug/L	96
64) 1,3-Dichlorobenzene	11.751	146	1952	0.488	ug/L	94
65) 1,4-Dichlorobenzene	11.841	146	2547	0.621	ug/L #	79
67) 1,2-Dichlorobenzene	12.217	146	2335	0.569	ug/L #	71
69) 1,3,5-Trichlorobenzene	13.224	180	2650	0.955	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	5046	2.188	ug/L	99
71) Naphthalene	14.092	128	33874	4.239	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	6404	2.714	ug/L	97

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Instrument :
MSVOA_U
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Quant Time: Oct 13 02:51:21 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

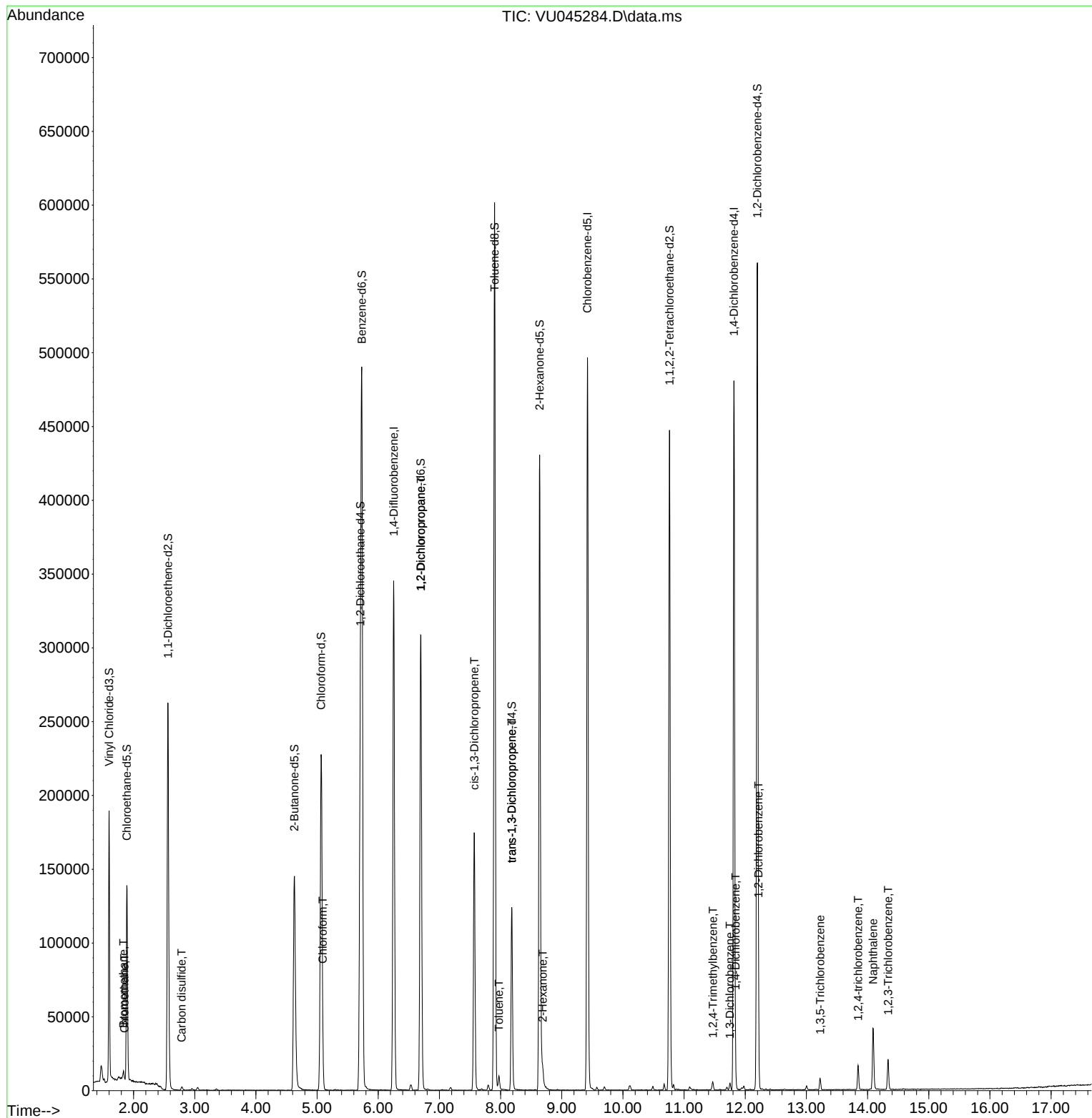
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

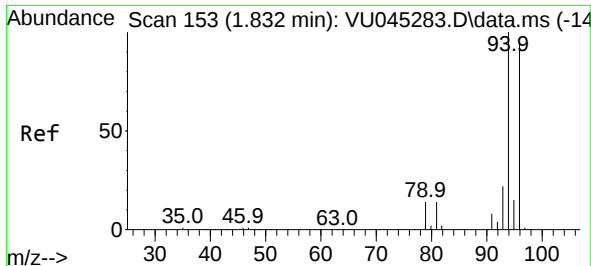
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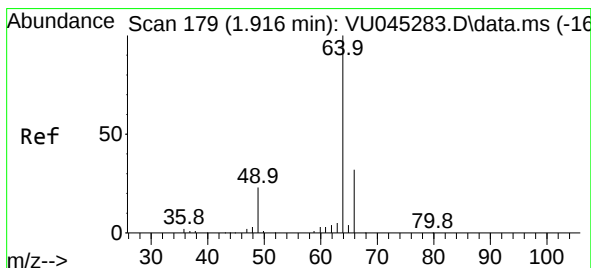
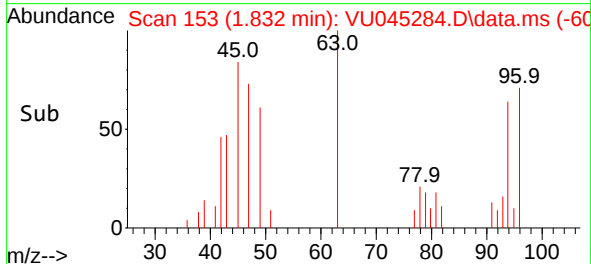
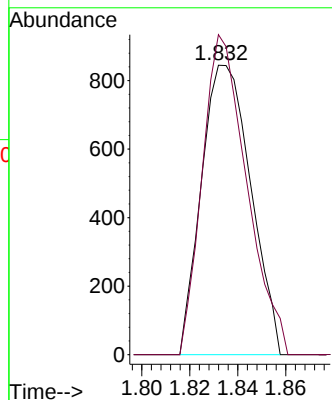
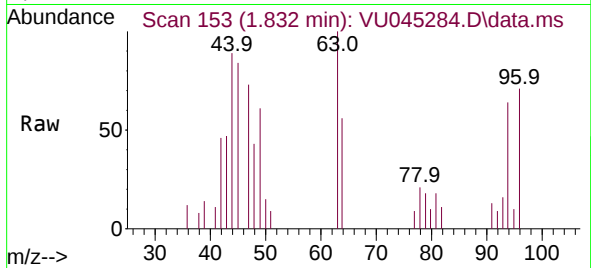




#6
Bromomethane
Concen: 0.809 ug/L
RT: 1.832 min Scan# 153
Delta R.T. -0.000 min
Lab File: VU045284.D
Acq: 12 Oct 2021 11:40

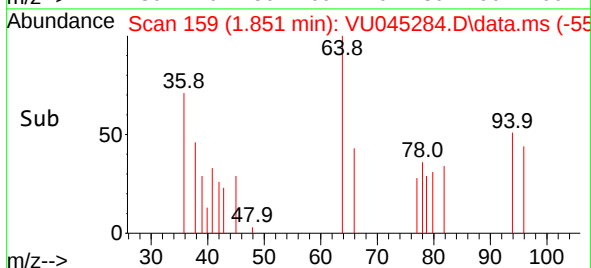
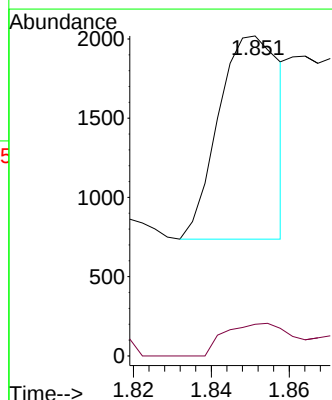
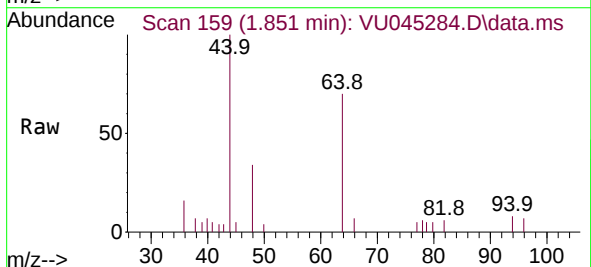
Instrument :
MSVOA_U
ClientSampled :

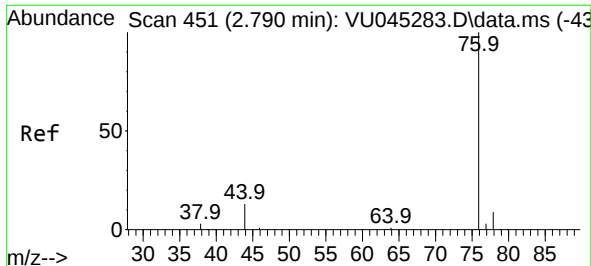
Tgt Ion: 94 Resp: 1207
Ion Ratio Lower Upper
94 100
96 110.5 65.7 121.9



#8
Chloroethane
Concen: 0.712 ug/L
RT: 1.851 min Scan# 159
Delta R.T. -0.064 min
Lab File: VU045284.D
Acq: 12 Oct 2021 11:40

Tgt Ion: 64 Resp: 1389
Ion Ratio Lower Upper
64 100
66 9.9 22.3 41.3#

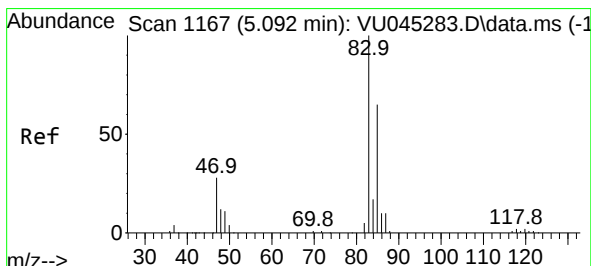
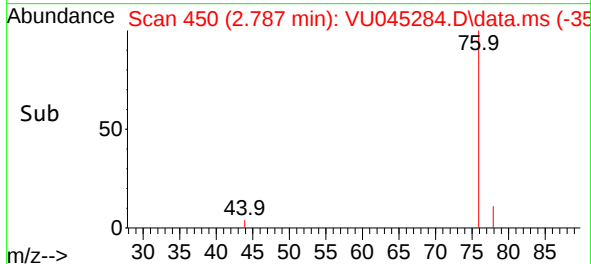
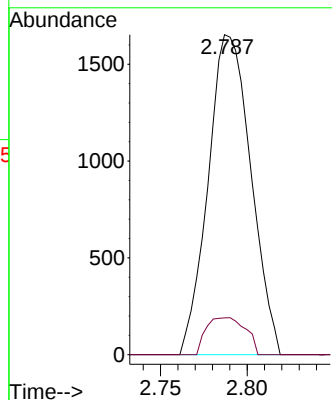
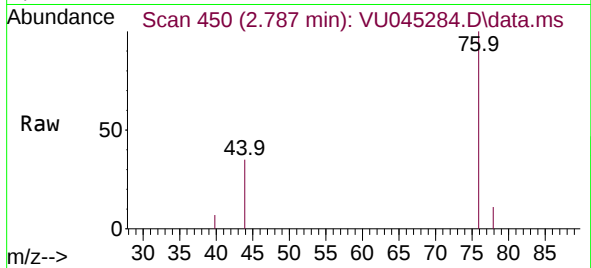




#14
Carbon disulfide
Concen: 0.430 ug/L
RT: 2.787 min Scan# 450
Delta R.T. -0.003 min
Lab File: VU045284.D
Acq: 12 Oct 2021 11:40

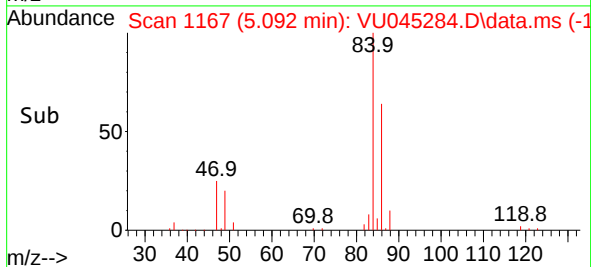
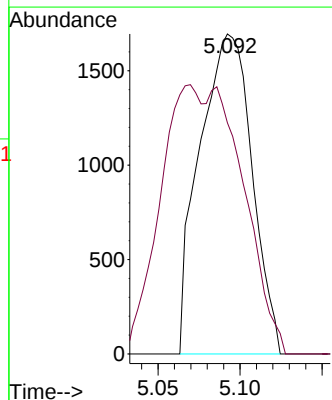
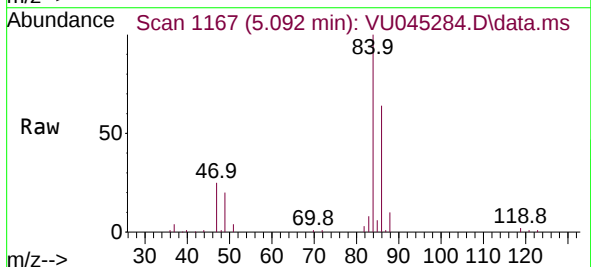
Instrument :
MSVOA_U
ClientSampled :

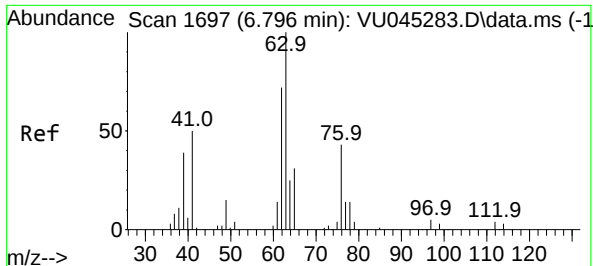
Tgt Ion: 76 Resp: 2835
Ion Ratio Lower Upper
76 100
78 11.5 7.3 10.9#



#25
Chloroform
Concen: 0.838 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VU045284.D
Acq: 12 Oct 2021 11:40

Tgt Ion: 83 Resp: 3759
Ion Ratio Lower Upper
83 100
85 72.3 45.6 84.6



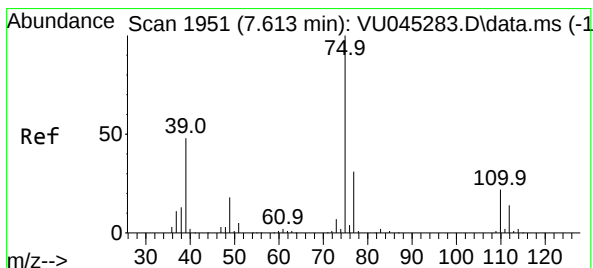
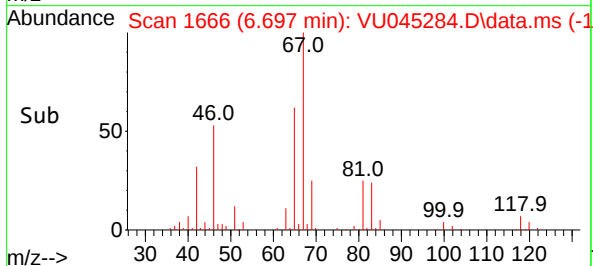
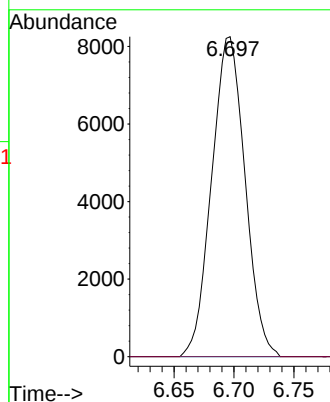
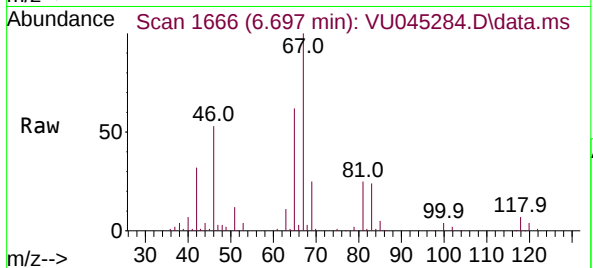


#37

1,2-Dichloropropane
Concen: 6.087 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU045284.D
Acq: 12 Oct 2021 11:40

Instrument :
MSVOA_U
ClientSampled :

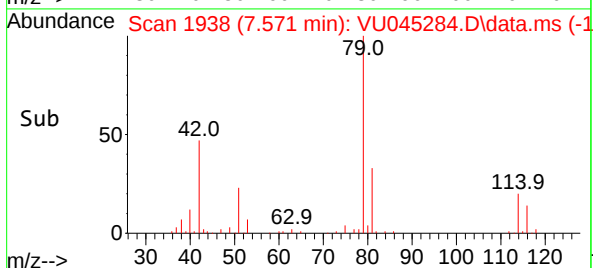
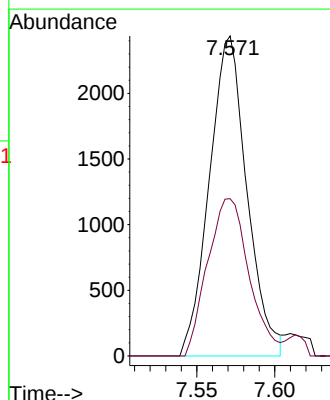
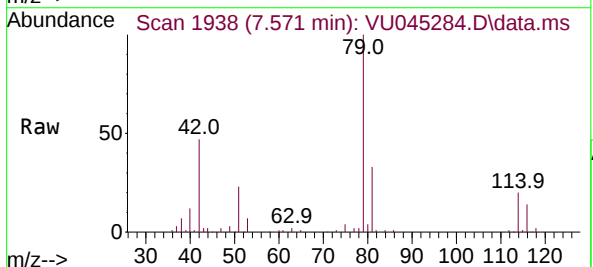
Tgt Ion: 63 Resp: 15964
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

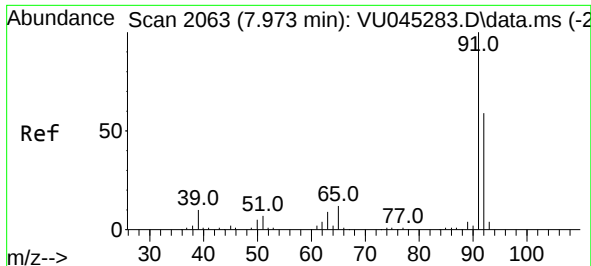


#39

cis-1,3-Dichloropropene
Concen: 1.088 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU045284.D
Acq: 12 Oct 2021 11:40

Tgt Ion: 75 Resp: 4084
Ion Ratio Lower Upper
75 100
77 49.2 22.4 41.6#

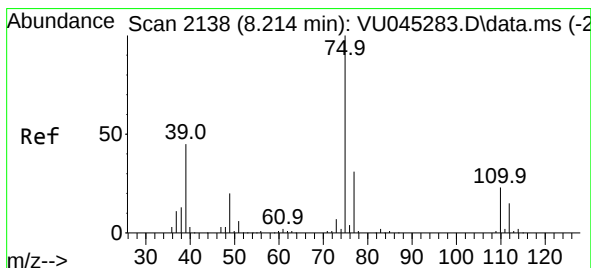
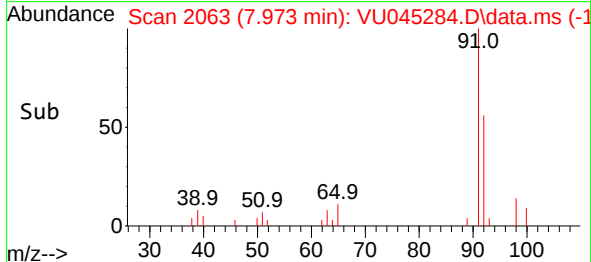
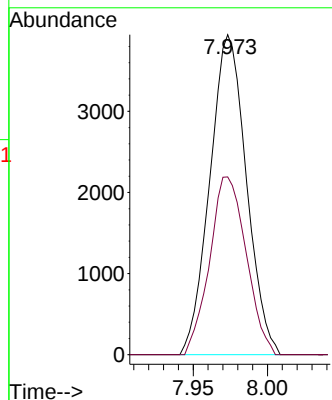
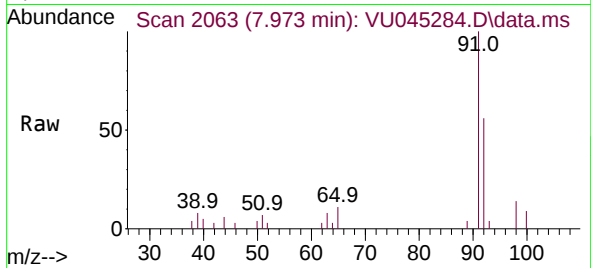




#42
Toluene
Concen: 0.689 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045284.D
Acq: 12 Oct 2021 11:40

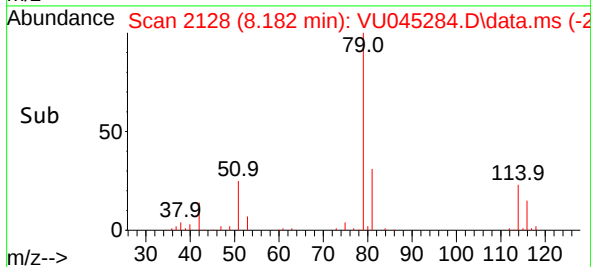
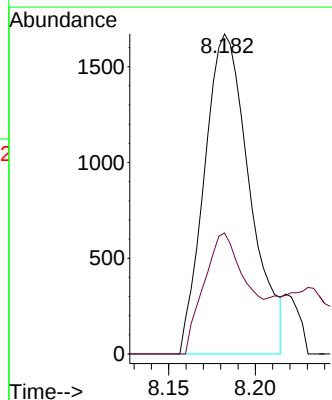
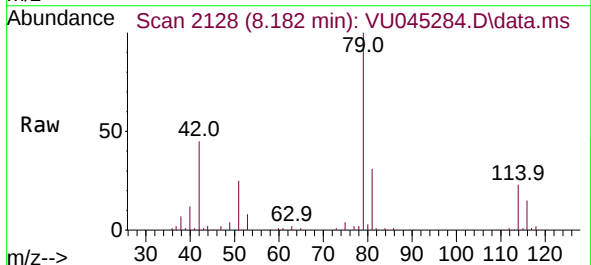
Instrument :
MSVOA_U
ClientSampled :

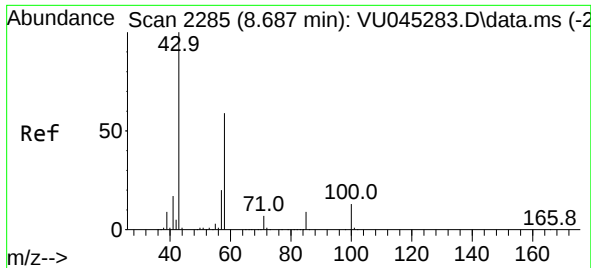
Tgt Ion: 91 Resp: 6743
Ion Ratio Lower Upper
91 100
92 55.5 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.853 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045284.D
Acq: 12 Oct 2021 11:40

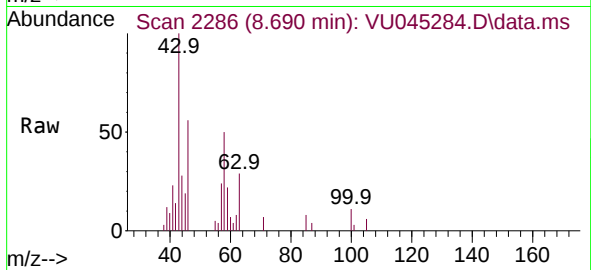
Tgt Ion: 75 Resp: 3044
Ion Ratio Lower Upper
75 100
77 37.8 21.7 40.3



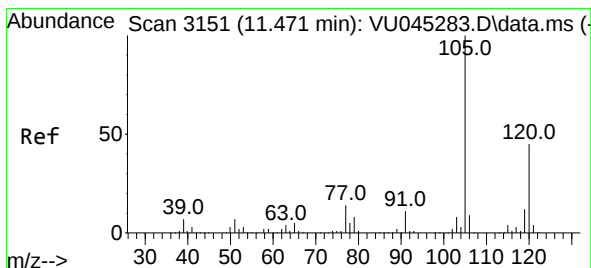
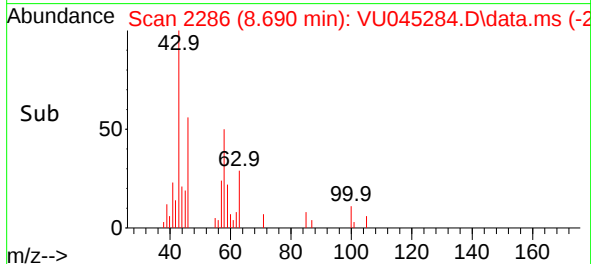
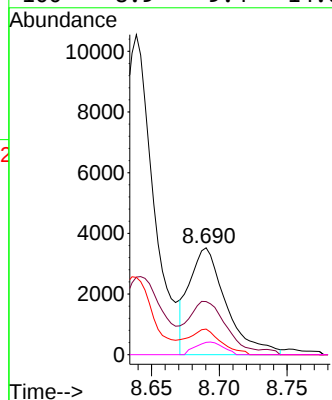


#48
2-Hexanone
Concen: 1.720 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.003 min
Lab File: VU045284.D
Acq: 12 Oct 2021 11:40

Instrument :
MSVOA_U
ClientSampleId :

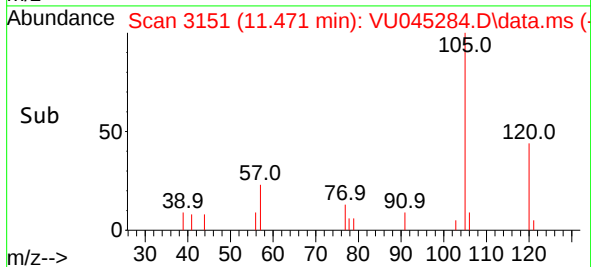
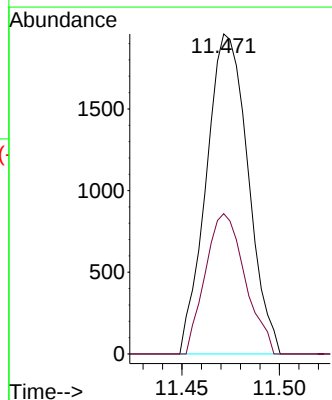
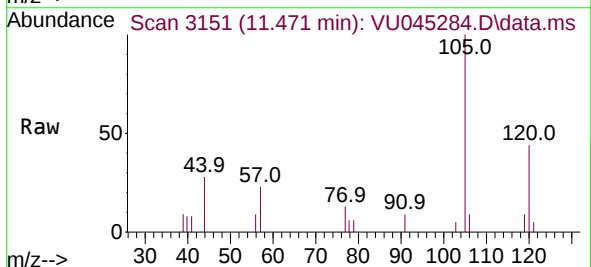


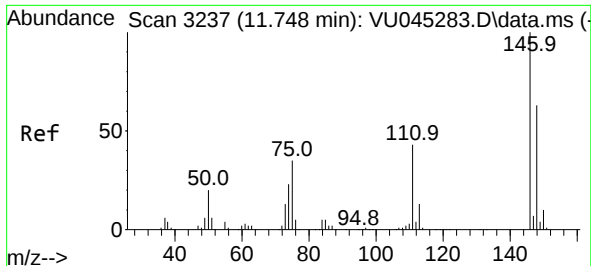
Tgt Ion: 43 Resp: 6684
Ion Ratio Lower Upper
43 100
58 44.5 44.9 67.3#
57 17.4 15.5 23.3
100 8.9 9.4 14.0#



#63
1,2,4-Trimethylbenzene
Concen: 0.395 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU045284.D
Acq: 12 Oct 2021 11:40

Tgt Ion: 105 Resp: 2920
Ion Ratio Lower Upper
105 100
120 41.7 35.7 53.5

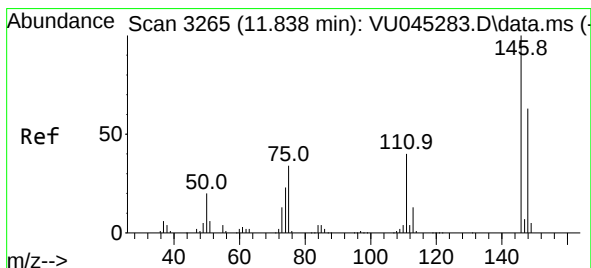
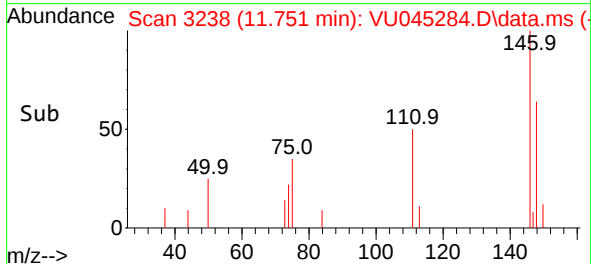
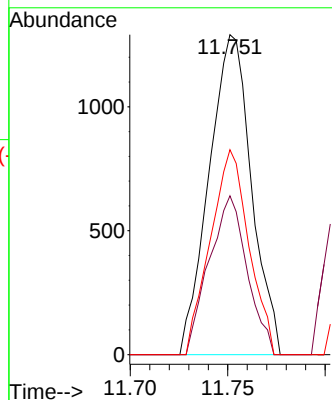
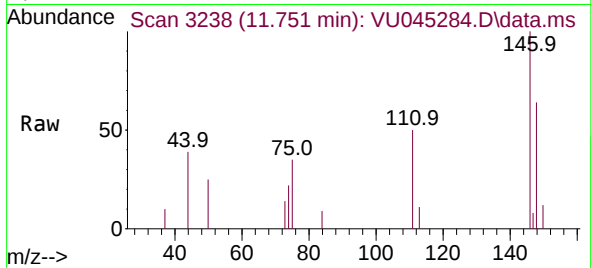




#64
1,3-Dichlorobenzene
Concen: 0.488 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.003 min
Lab File: VU045284.D
Acq: 12 Oct 2021 11:40

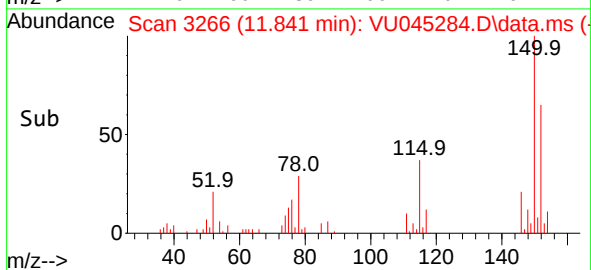
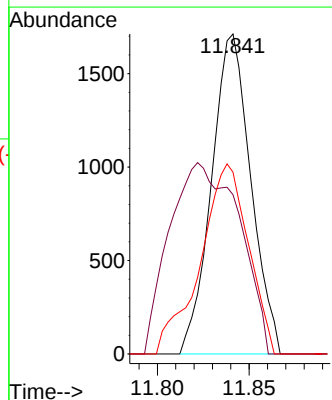
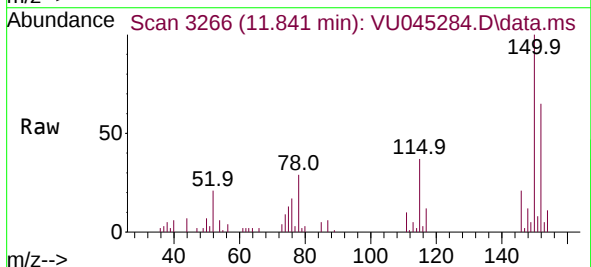
Instrument :
MSVOA_U
ClientSampled :

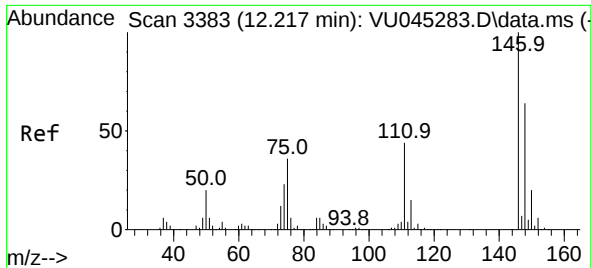
Tgt Ion:146 Resp: 1952
Ion Ratio Lower Upper
146 100
111 46.1 29.0 53.8
148 59.5 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 0.621 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.003 min
Lab File: VU045284.D
Acq: 12 Oct 2021 11:40

Tgt Ion:146 Resp: 2547
Ion Ratio Lower Upper
146 100
111 55.6 28.5 52.9#
148 80.5 45.5 84.5

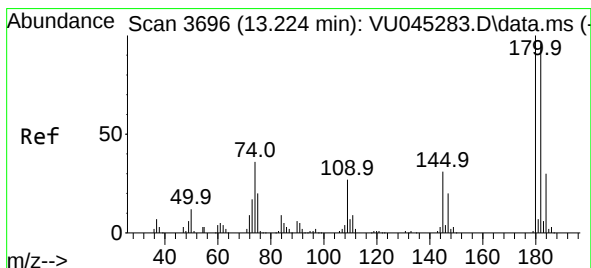
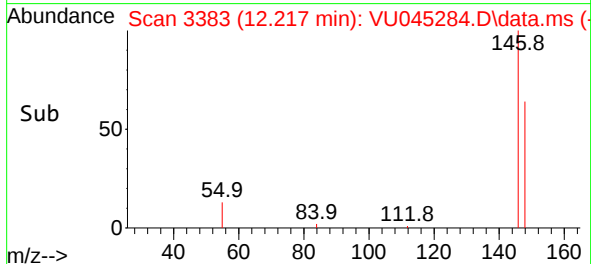
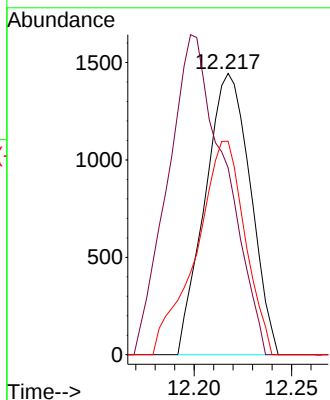
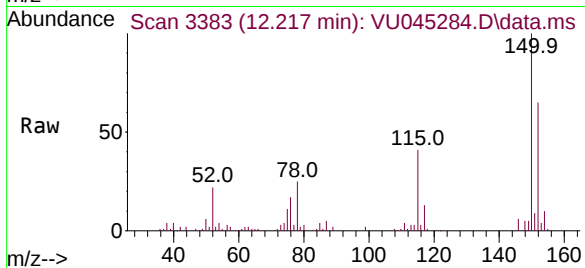




#67
1,2-Dichlorobenzene
Concen: 0.569 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU045284.D
Acq: 12 Oct 2021 11:40

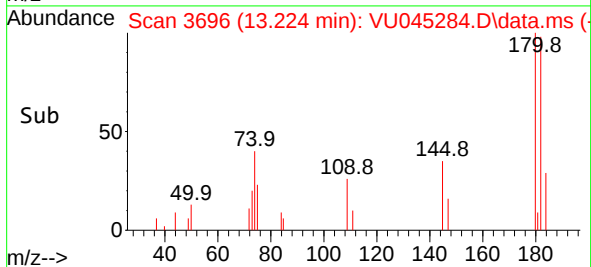
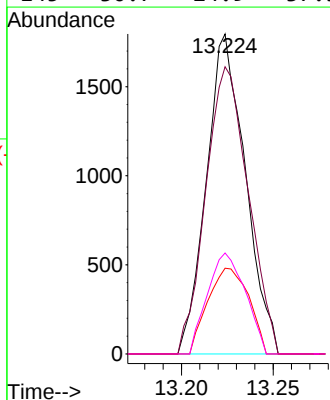
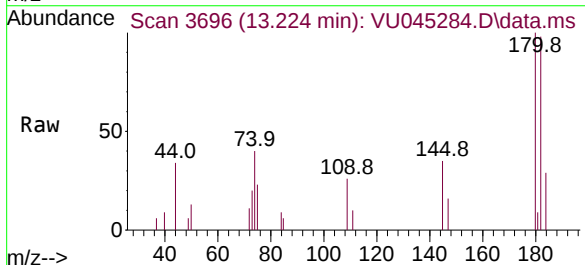
Instrument :
MSVOA_U
ClientSampleId :

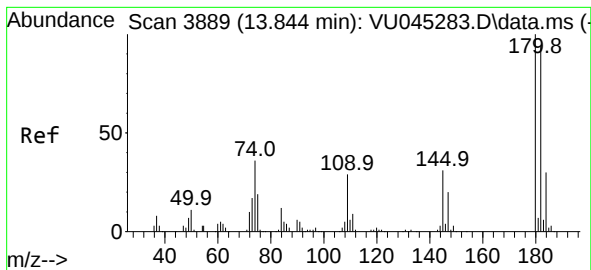
Tgt Ion:146 Resp: 2335
Ion Ratio Lower Upper
146 100
111 74.8 34.7 52.1#
148 75.9 51.0 76.6



#69
1,3,5-Trichlorobenzene
Concen: 0.955 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. -0.000 min
Lab File: VU045284.D
Acq: 12 Oct 2021 11:40

Tgt Ion:180 Resp: 2650
Ion Ratio Lower Upper
180 100
182 97.5 76.8 115.2
184 28.2 24.4 36.6
145 30.7 24.9 37.3

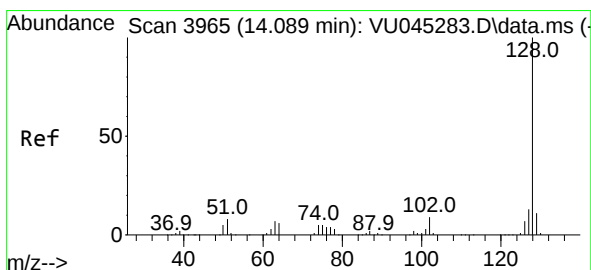
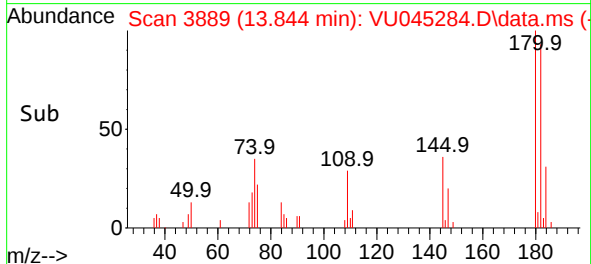
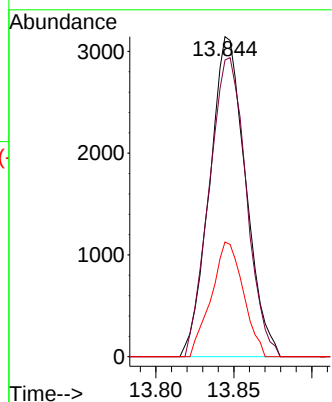
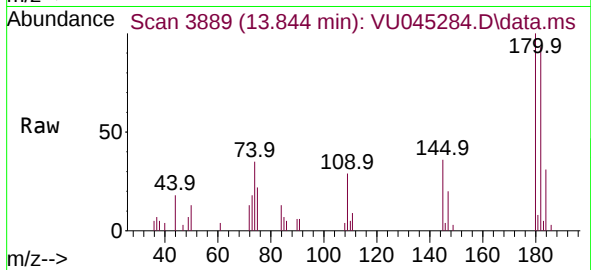




#70
1,2,4-trichlorobenzene
Concen: 2.188 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. -0.000 min
Lab File: VU045284.D
Acq: 12 Oct 2021 11:40

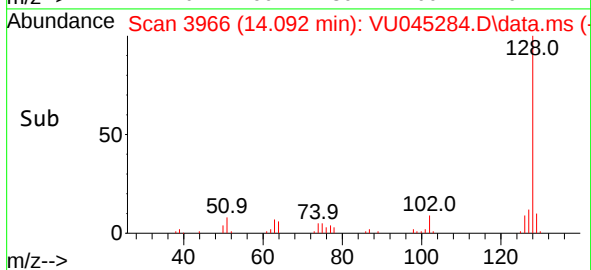
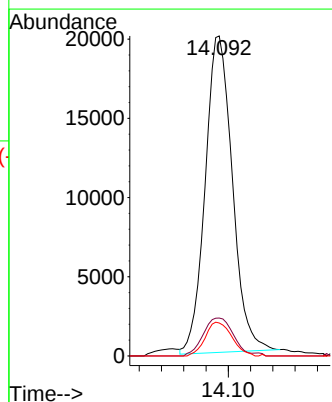
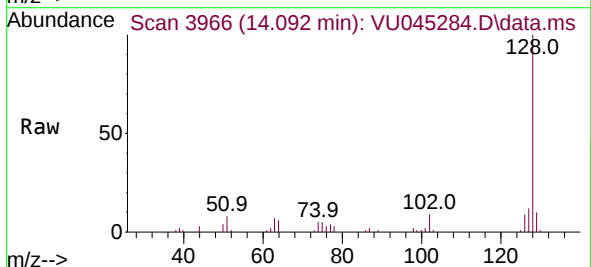
Instrument :
MSVOA_U
ClientSampleId :

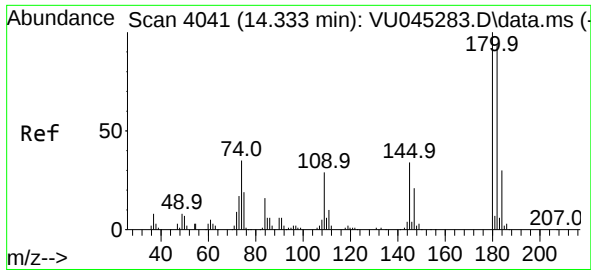
Tgt Ion:180 Resp: 5046
Ion Ratio Lower Upper
180 100
182 96.0 76.2 114.2
145 31.8 25.4 38.0



#71
Naphthalene
Concen: 4.239 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU045284.D
Acq: 12 Oct 2021 11:40

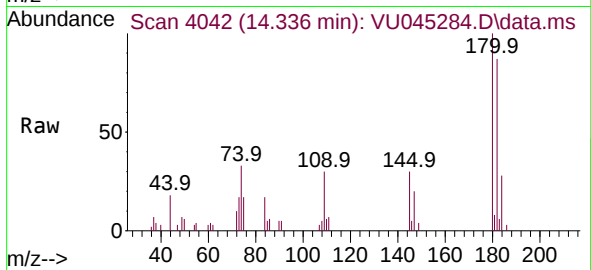
Tgt Ion:128 Resp: 33874
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.4 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 2.714 ug/L
 RT: 14.336 min Scan# 4042
 Delta R.T. 0.003 min
 Lab File: VU045284.D
 Acq: 12 Oct 2021 11:40

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 6404

Ion	Ratio	Lower	Upper
180	100		
182	92.5	76.8	115.2
145	32.8	26.5	39.7

