

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101121\
 Data File : VU045278.D
 Acq On : 11 Oct 2021 13:09
 Operator : SY/MD
 Sample : VU1011WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK027

Quant Time: Oct 12 05:51:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 12 05:50:24 2021
 Response via : Initial Calibration

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

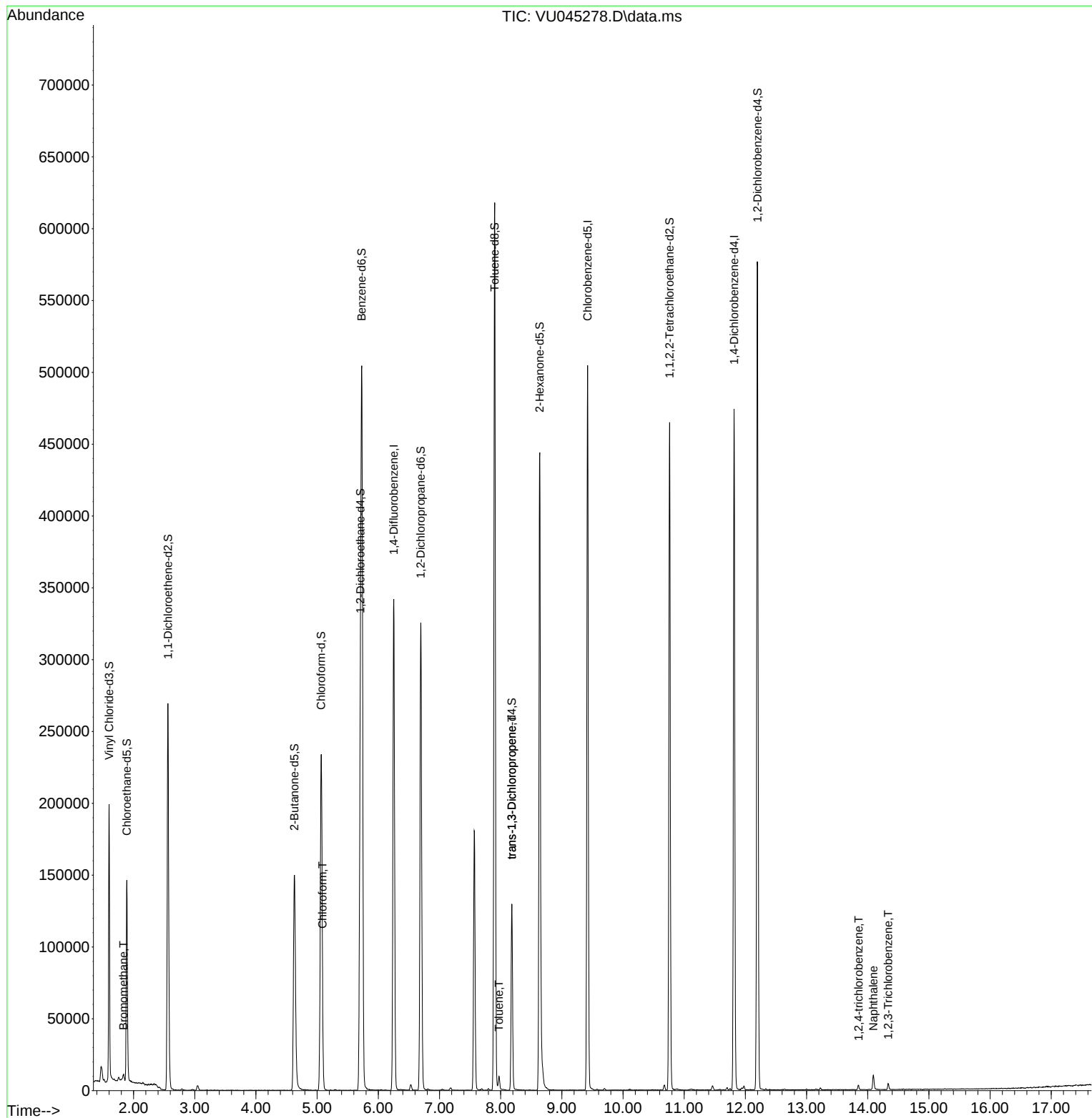
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	263919	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	257868	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	116582	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	127689	44.196	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.400%
7) Chloroethane-d5	1.890	69	106304	46.432	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.860%
11) 1,1-Dichloroethene-d2	2.562	63	165031	34.014	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.020%
21) 2-Butanone-d5	4.629	46	219609	96.148	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.150%
24) Chloroform-d	5.067	84	213969	46.891	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.780%
26) 1,2-Dichloroethane-d4	5.706	65	154623	50.026	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.060%
32) Benzene-d6	5.729	84	453432	50.674	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.340%
36) 1,2-Dichloropropane-d6	6.693	67	148738	50.979	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.960%
41) Toluene-d8	7.902	98	389964	50.501	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.000%
43) trans-1,3-Dichloroprop...	8.182	79	68279	52.610	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.220%
47) 2-Hexanone-d5	8.636	63	153683	95.050	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.050%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	230872	50.816	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.640%
66) 1,2-Dichlorobenzene-d4	12.198	152	141149	55.633	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.260%
Target Compounds						
					Qvalue	
6) Bromomethane	1.832	94	771	0.521	ug/L	79
25) Chloroform	5.089	83	3741	0.840	ug/L	78
42) Toluene	7.973	91	6364	0.655	ug/L	98
44) trans-1,3-Dichloropropene	8.182	75	2835	0.800	ug/L #	72
70) 1,2,4-trichlorobenzene	13.851	180	1239	0.545	ug/L #	91
71) Naphthalene	14.092	128	9368	1.189	ug/L #	92
72) 1,2,3-Trichlorobenzene	14.336	180	1572	0.676	ug/L	90

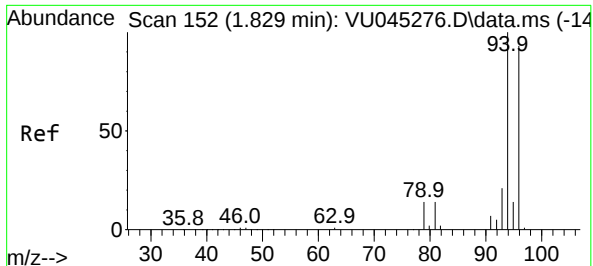
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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VBLK027

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Quant Title : VOC Analysis
QLast Update : Tue Oct 12 05:50:24 2021
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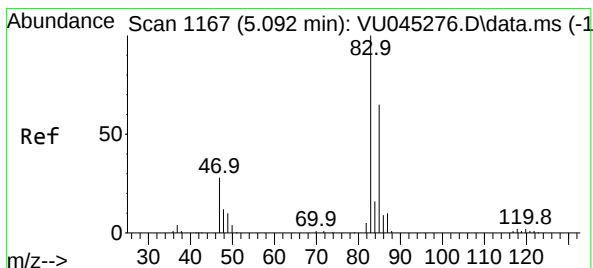
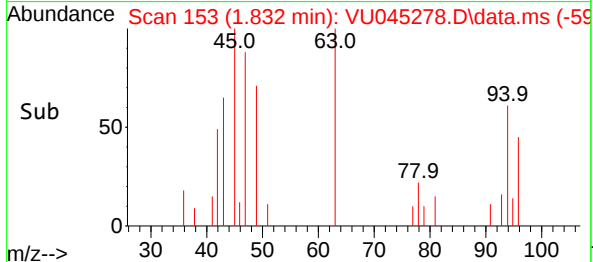
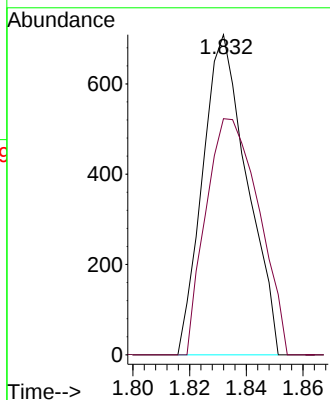
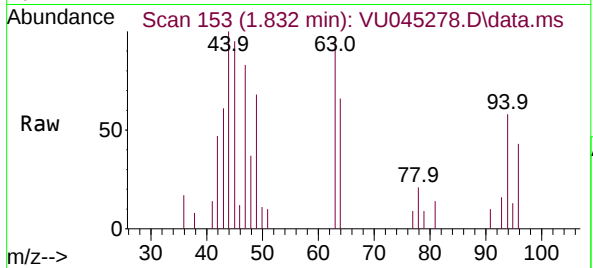




#6
Bromomethane
Concen: 0.521 ug/L
RT: 1.832 min Scan# 153
Delta R.T. 0.003 min
Lab File: VU045278.D
Acq: 11 Oct 2021 13:09

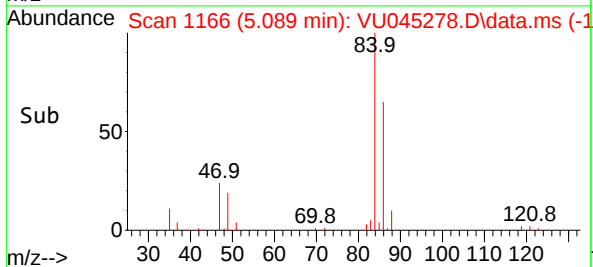
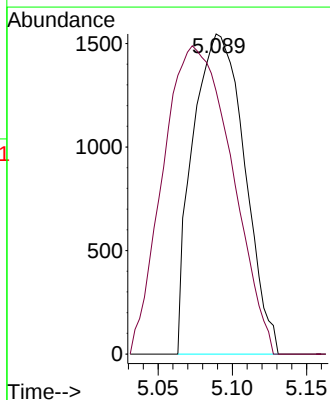
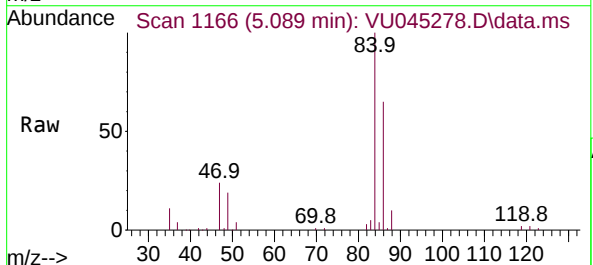
Instrument :
MSVOA_U
ClientSampleId :
VBLK027

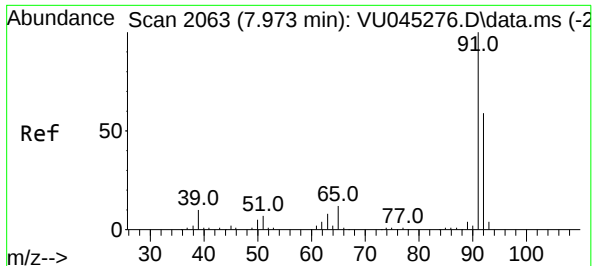
Tgt Ion: 94 Resp: 771
Ion Ratio Lower Upper
94 100
96 73.8 65.7 121.9



#25
Chloroform
Concen: 0.840 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.003 min
Lab File: VU045278.D
Acq: 11 Oct 2021 13:09

Tgt Ion: 83 Resp: 3741
Ion Ratio Lower Upper
83 100
85 82.1 45.6 84.6

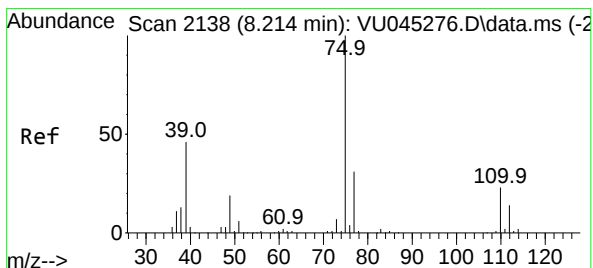
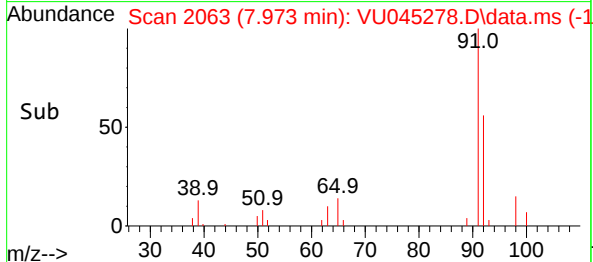
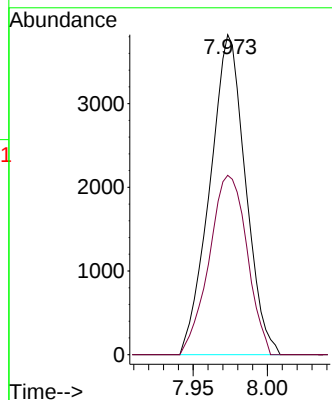
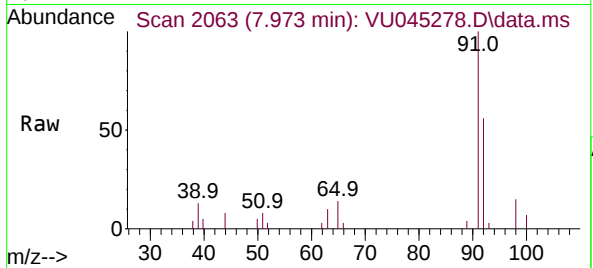




#42
Toluene
Concen: 0.655 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045278.D
Acq: 11 Oct 2021 13:09

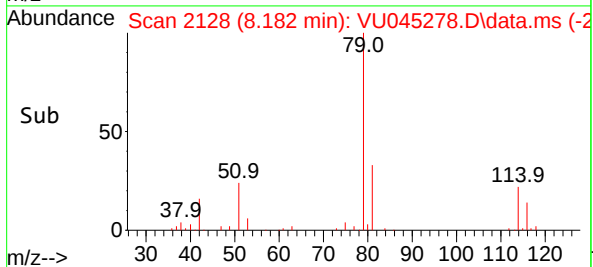
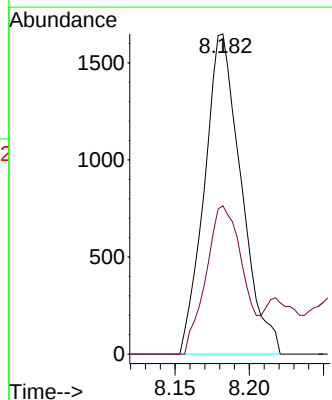
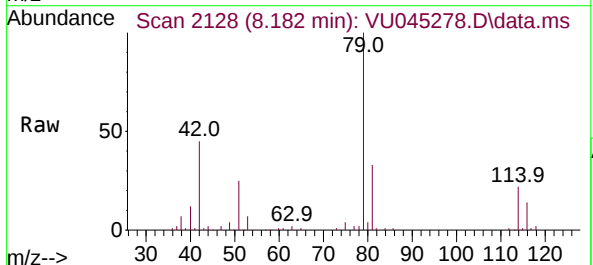
Instrument :
MSVOA_U
ClientSampled :
VBLK027

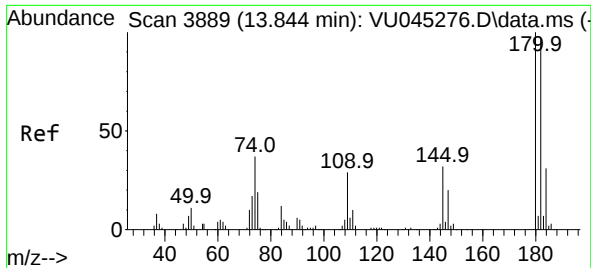
Tgt Ion: 91 Resp: 6364
Ion Ratio Lower Upper
91 100
92 56.0 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.800 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045278.D
Acq: 11 Oct 2021 13:09

Tgt Ion: 75 Resp: 2835
Ion Ratio Lower Upper
75 100
77 46.3 21.7 40.3#

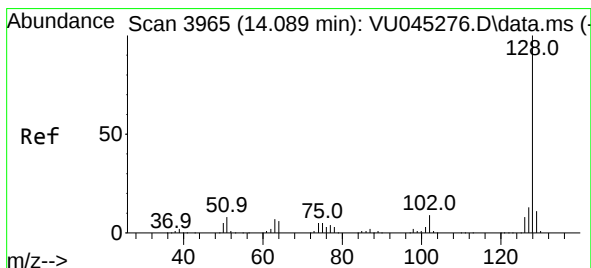
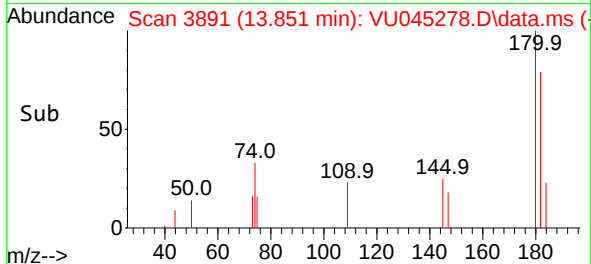
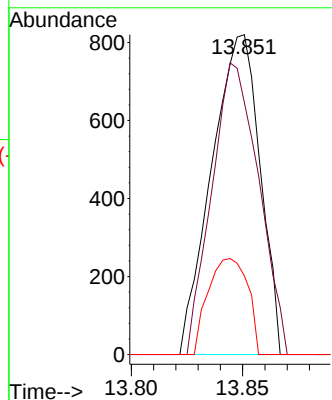
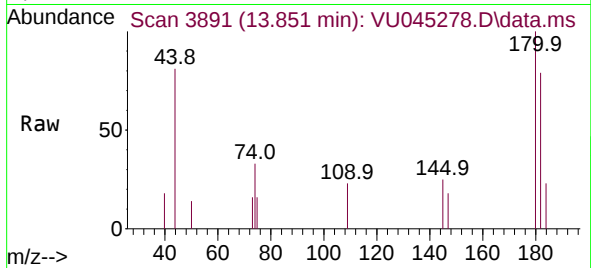




#70
1,2,4-trichlorobenzene
Concen: 0.545 ug/L
RT: 13.851 min Scan# 3891
Delta R.T. 0.006 min
Lab File: VU045278.D
Acq: 11 Oct 2021 13:09

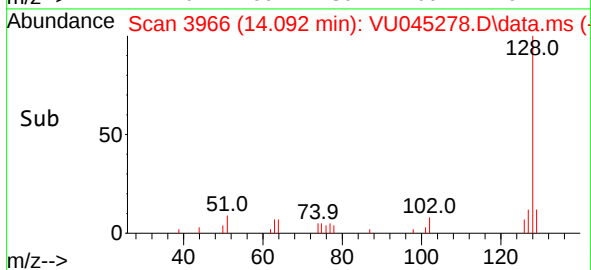
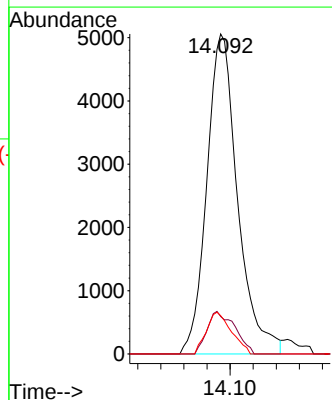
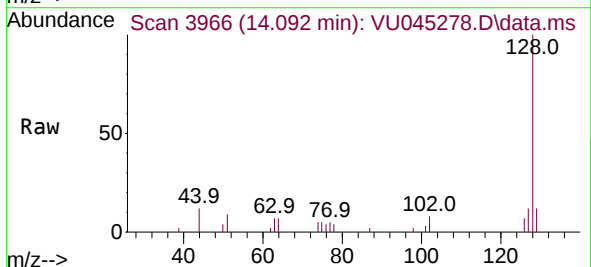
Instrument :
MSVOA_U
ClientSampled :
VBLK027

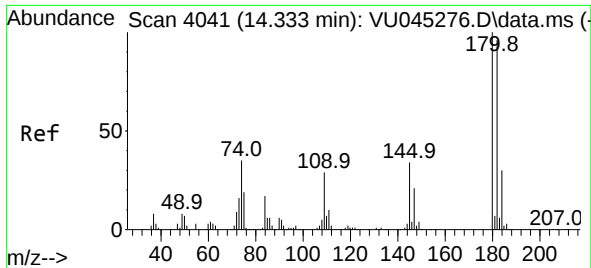
Tgt Ion:180 Resp: 1239
Ion Ratio Lower Upper
180 100
182 88.4 76.2 114.2
145 24.5 25.4 38.0#



#71
Naphthalene
Concen: 1.189 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU045278.D
Acq: 11 Oct 2021 13:09

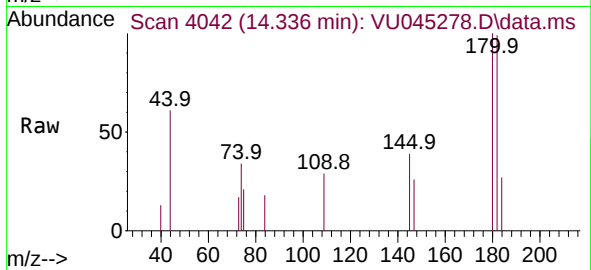
Tgt Ion:128 Resp: 9368
Ion Ratio Lower Upper
128 100
127 7.3 10.4 15.6#
129 10.5 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 0.676 ug/L
 RT: 14.336 min Scan# 4042
 Delta R.T. 0.003 min
 Lab File: VU045278.D
 Acq: 11 Oct 2021 13:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK027



Tgt Ion:	180	Resp:	1572
Ion	Ratio	Lower	Upper
180	100		
182	106.4	76.8	115.2
145	29.2	26.5	39.7

